

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009131.D
 Acq On : 23 Apr 2019 19:10
 Operator : JC/SP
 Sample : K2537-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:14 PM

Quant Time: Apr 24 09:08:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136571	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
35) Dibromofluoromethane	5.50	113	100640	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	8.71	98	392555	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.13	95	140604	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109255	55.859	ug/l	98
3) Chloromethane	1.32	50	129272	53.836	ug/l	99
4) Vinyl Chloride	1.41	62	129338	55.341	ug/l	97
5) Bromomethane	1.64	94	238772	154.441	ug/l	97
6) Chloroethane	1.71	64	78760	57.309	ug/l	100
7) Trichlorofluoromethane	1.92	101	149558	54.809	ug/l	96
8) Diethyl Ether	2.19	74	68161	54.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93576	53.636	ug/l	98
10) Methyl Iodide	2.51	142	113553	58.687	ug/l	99
11) Tert butyl alcohol	3.06	59	158900	299.128	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97124	53.334	ug/l	98
13) Acrolein	2.29	56	108657	236.732	ug/l	99
14) Allyl chloride	2.73	41	228496	57.513	ug/l	100
15) Acrylonitrile	3.15	53	395705	293.447	ug/l	100
16) Acetone	2.45	43	337028	271.573	ug/l	100
17) Carbon Disulfide	2.57	76	296970	55.358	ug/l	99
18) Methyl Acetate	2.78	43	173891	56.143	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	369965	57.018	ug/l	99
20) Methylene Chloride	2.85	84	113237	53.356	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	108953	56.093	ug/l	99
22) Diisopropyl ether	3.86	45	442885	57.367	ug/l	90
23) Vinyl Acetate	3.82	43	1985047	292.508	ug/l	99
24) 1,1-Dichloroethane	3.70	63	218533	56.390	ug/l	99
25) 2-Butanone	4.68	43	585822	295.319	ug/l	100
26) 2,2-Dichloropropane	4.59	77	134575	46.326	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139004	63.032	ug/l	98
28) Bromochloromethane	5.02	49	87818	54.739	ug/l	100
29) Tetrahydrofuran	5.13	42	394956	297.469	ug/l	99
30) Chloroform	5.21	83	195011	56.233	ug/l	100
31) Cyclohexane	5.58	56	208266	54.639	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	162624	56.580	ug/l	99
36) 1,1-Dichloropropene	5.80	75	151384	51.518	ug/l	100
37) Ethyl Acetate	4.84	43	217737	57.585	ug/l	99
38) Carbon Tetrachloride	5.79	117	134313	53.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182485	51.006	ug/l	98
40) Benzene	6.14	78	470217	54.243	ug/l	99
41) Methacrylonitrile	5.04	41	123189	56.767	ug/l	98
42) 1,2-Dichloroethane	6.19	62	167513	54.551	ug/l	99
43) Isopropyl Acetate	6.45	43	340213	55.834	ug/l	100
44) Trichloroethene	7.21	130	110452	52.002	ug/l	99
45) 1,2-Dichloropropane	7.51	63	131700	54.763	ug/l	98
46) Dibromomethane	7.66	93	76736	54.827	ug/l	99
47) Bromodichloromethane	7.90	83	151954	55.354	ug/l	98
48) Methyl methacrylate	7.77	41	174483	57.953	ug/l	99
49) 1,4-Dioxane	7.74	88	61794	1096.571	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1125636	289.971	ug/l	99
52) Toluene	8.79	92	278658	53.637	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	173422	54.893	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	191426	54.114	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	113341	55.045	ug/l	98
56) Ethyl methacrylate	9.18	69	209874	56.845	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201354	54.923	ug/l	99
59) 2-Hexanone	9.49	43	873531	291.872	ug/l	100
60) Dibromochloromethane	9.58	129	111516	56.509	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117085	55.096	ug/l	99
64) Tetrachloroethene	9.34	164	90536	47.256	ug/l	98
65) Chlorobenzene	10.14	112	281582	52.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	103626	55.260	ug/l	99
67) Ethyl Benzene	10.25	91	524470	53.898	ug/l	100
68) m/p-Xylenes	10.36	106	383203	108.359	ug/l	99
69) o-Xylene	10.69	106	187518	54.495	ug/l	99
70) Stvrene	10.71	104	327629	54.944	ug/l	99
71) Bromoform	10.85	173	83709	56.031	ug/l #	99
73) Isopropylbenzene	11.02	105	497253	53.152	ug/l	100
74) N-amyl acetate	10.90	43	298836	55.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	188542	55.158	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185762m	61.639	ug/l	
77) Bromobenzene	11.26	156	120599	51.093	ug/l	98
78) n-propylbenzene	11.36	91	574527	53.506	ug/l	100
79) 2-Chlorotoluene	11.42	91	342134	52.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	419131	53.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60748	51.749	ug/l	97
82) 4-Chlorotoluene	11.51	91	395144	52.582	ug/l	100
83) tert-Butylbenzene	11.77	119	403985	53.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	424091	53.070	ug/l	100
85) sec-Butylbenzene	11.94	105	477765	53.148	ug/l	99
86) p-Isopropyltoluene	12.06	119	435402	52.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	214709	51.972	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	215232	51.394	ug/l	99
89) n-Butylbenzene	12.38	91	399552	51.911	ug/l	100
90) Hexachloroethane	12.60	117	73287	53.758	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	217070	53.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44098	56.661	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	154653	52.517	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75375	51.320	ug/l	99
95) Naphthalene	13.83	128	524619	55.605	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154922	53.319	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

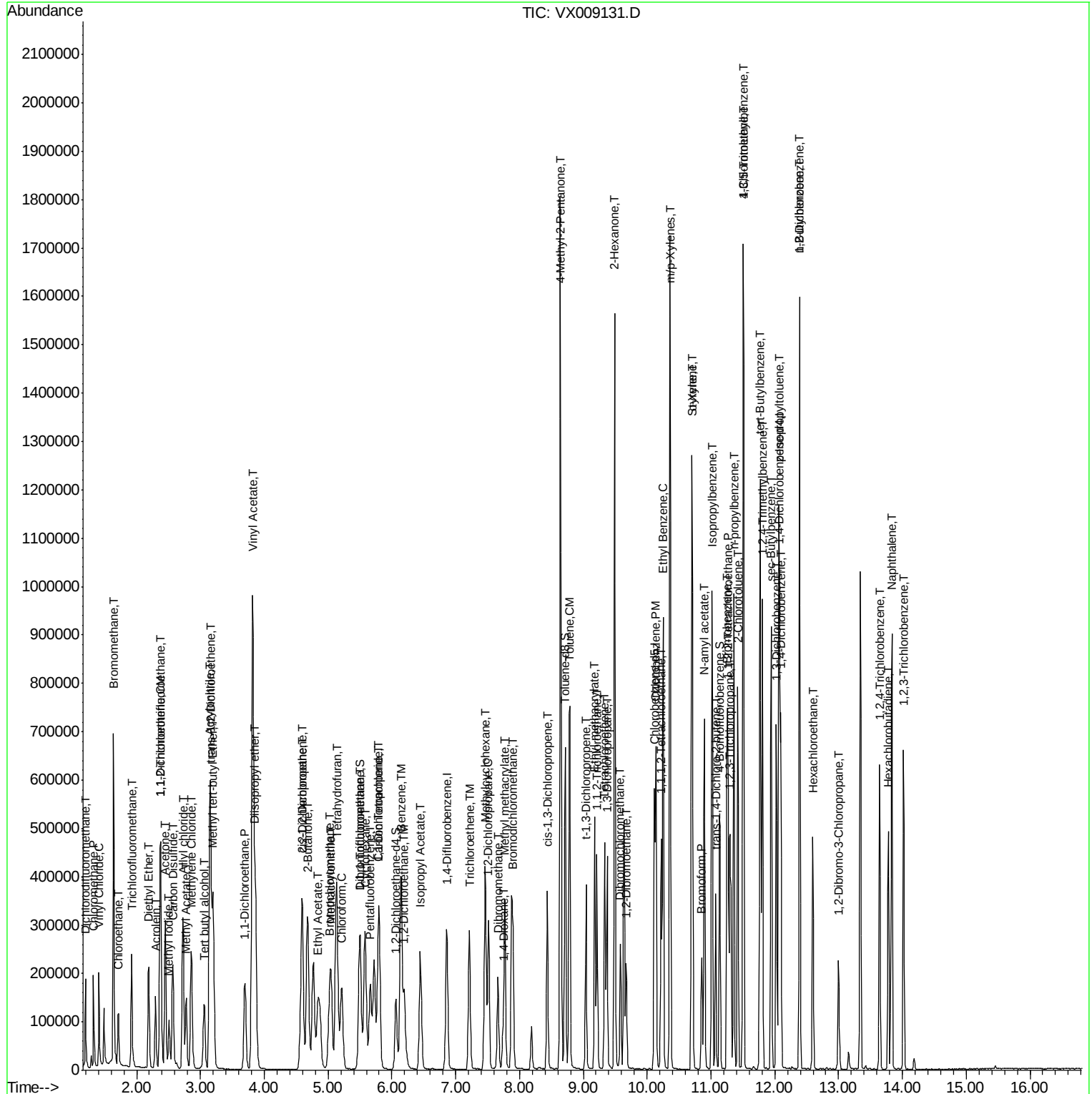
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042319\
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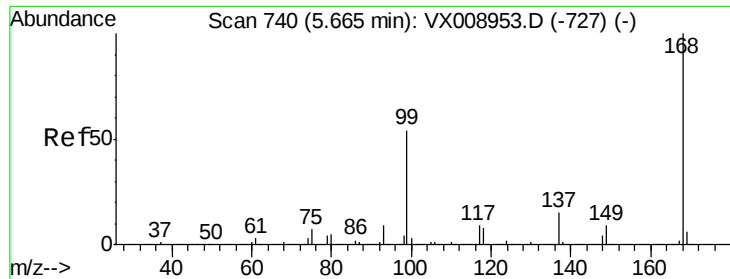
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion:168 Resp: 169812

Ion Ratio Lower Upper

168 100

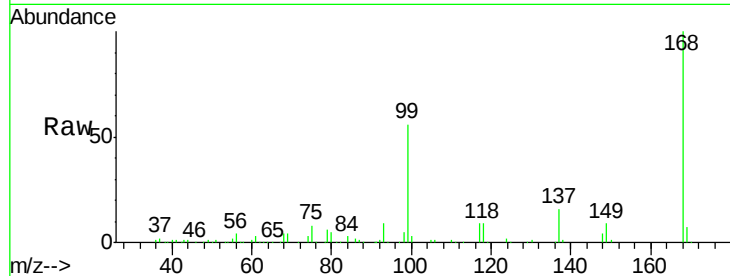
99 56.1 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

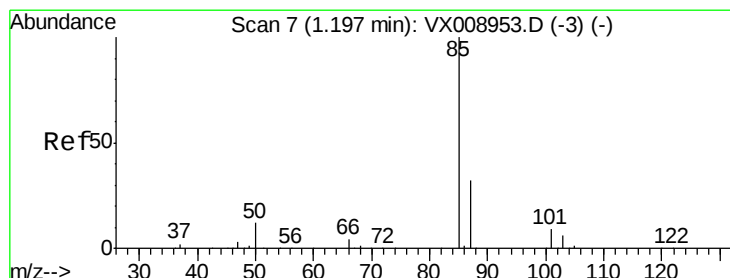
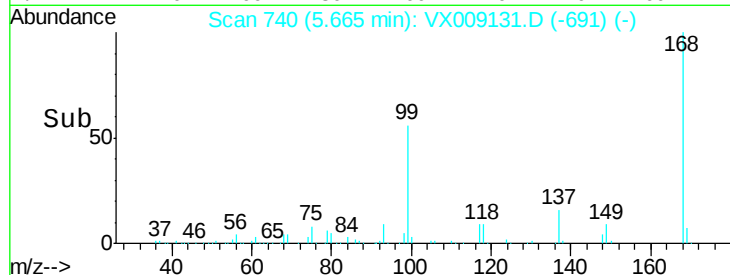
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 55.859 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009131.D

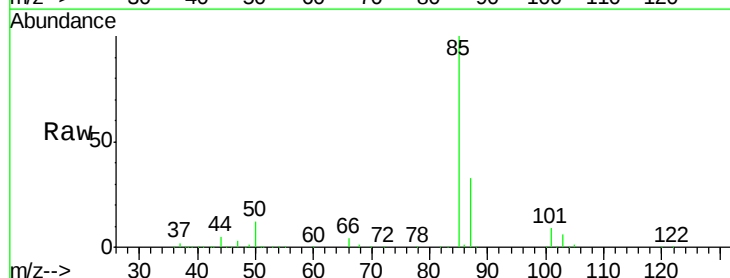
Acq: 23 Apr 2019 19:10

Tgt Ion: 85 Resp: 109255

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

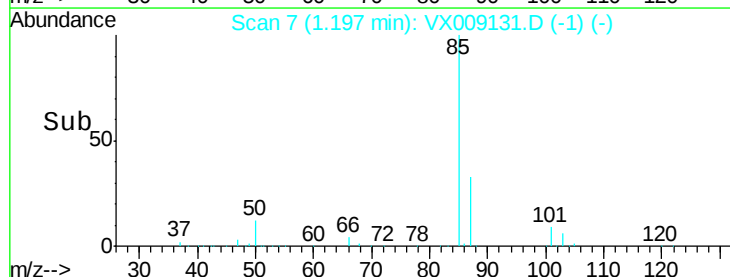
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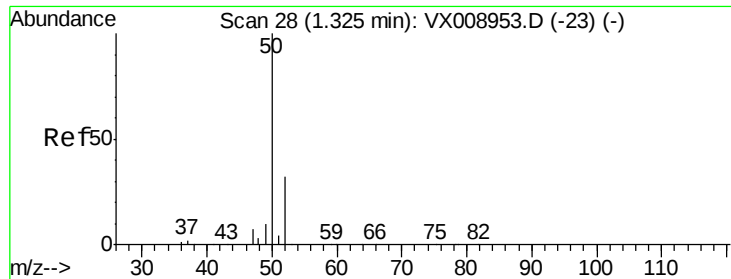
40000

20000

0

Time--> 1.20 1.30





#3

Chloromethane

Concen: 53.836 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 50 Resp: 129272

Ion Ratio Lower Upper

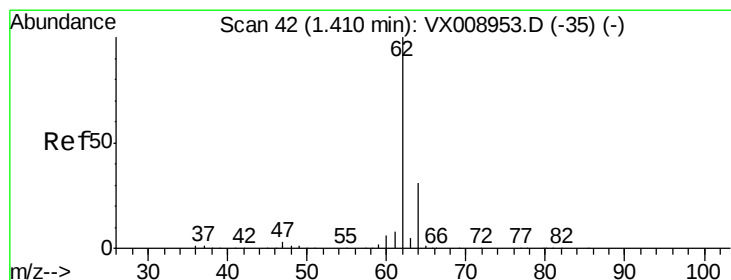
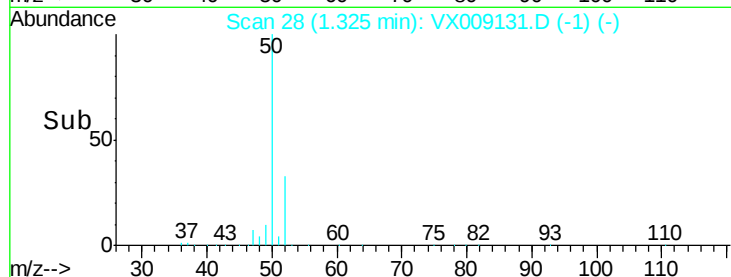
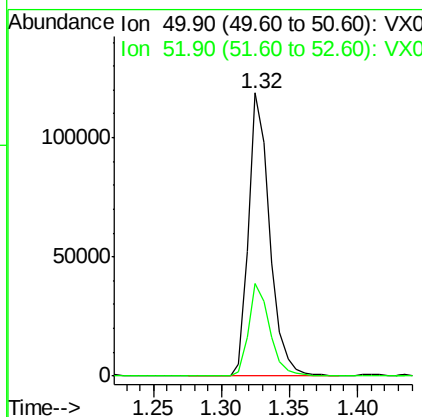
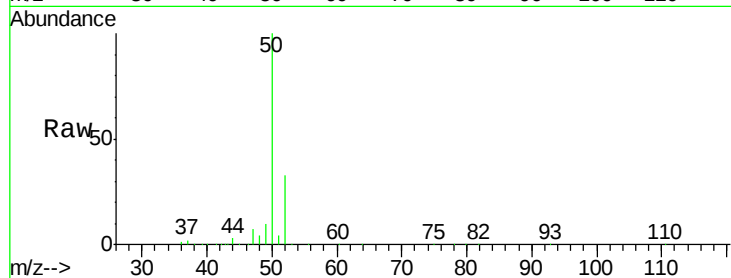
50 100

52 32.6 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 55.341 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009131.D

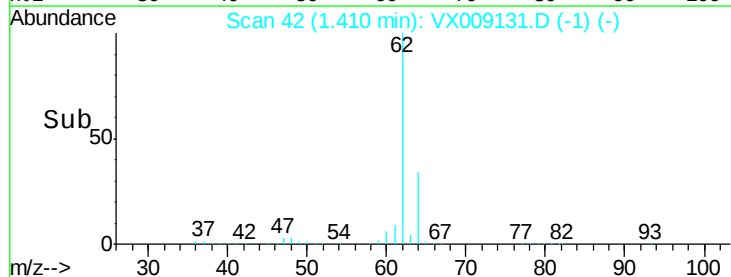
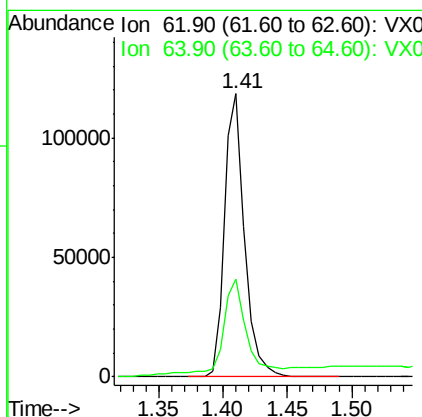
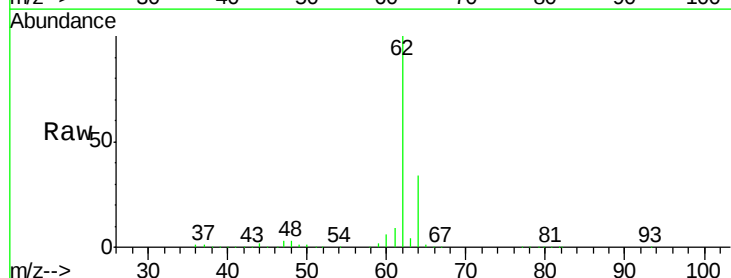
Acq: 23 Apr 2019 19:10

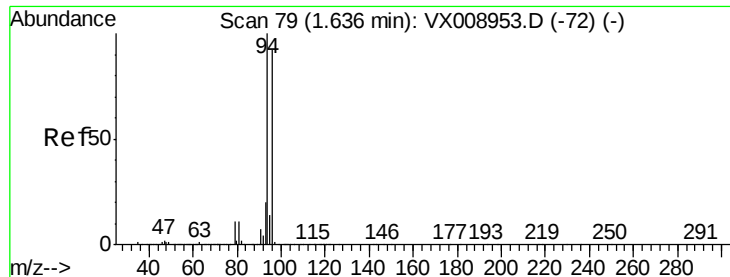
Tgt Ion: 62 Resp: 129338

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.4





#5

Bromomethane

Concen: 154.441 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

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ClientSampleId :

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Tot Ion: 94 Resp: 238772

Ion Ratio Lower Upper

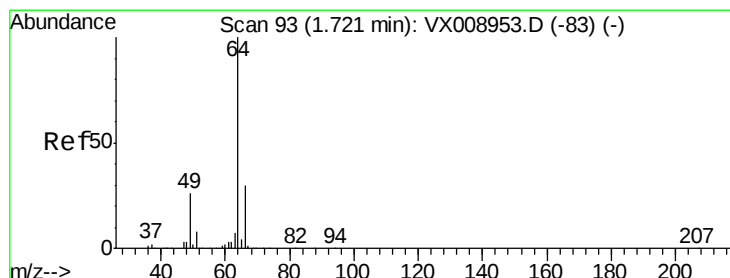
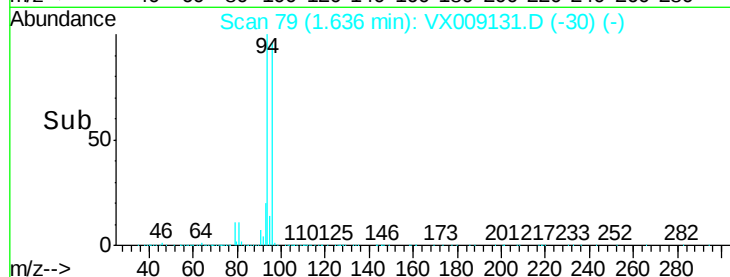
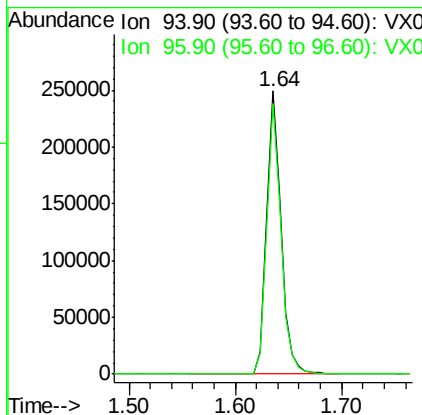
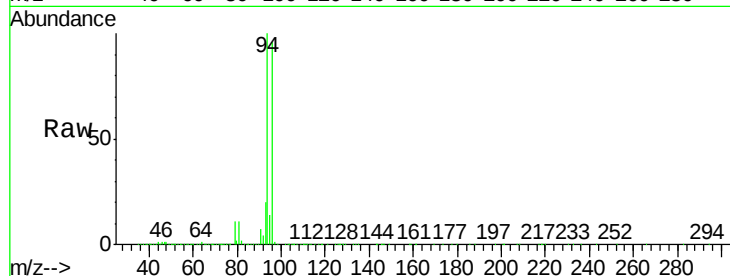
94 100

96 95.7 73.9 110.9

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#6

Chloroethane

Concen: 57.309 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009131.D

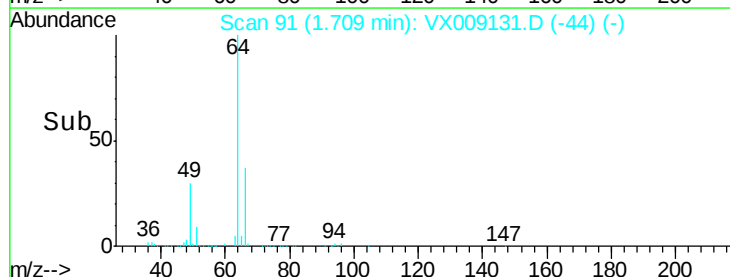
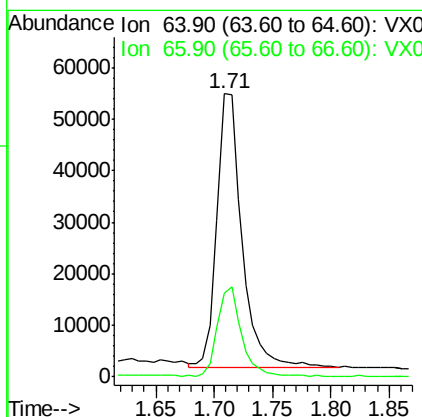
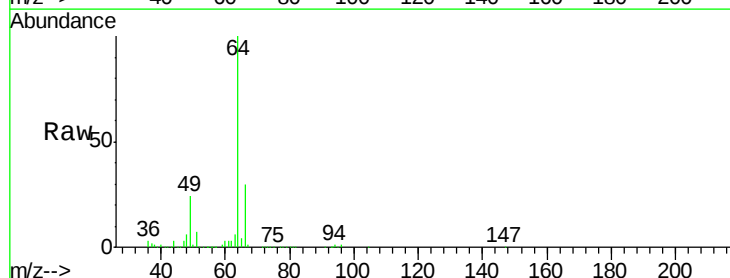
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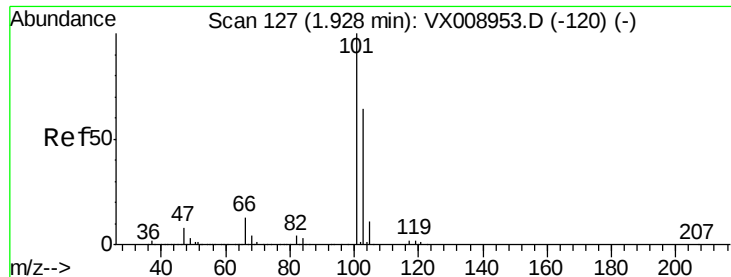
Tgt Ion: 64 Resp: 78760

Ion Ratio Lower Upper

64 100

66 30.4 24.2 36.2





#7

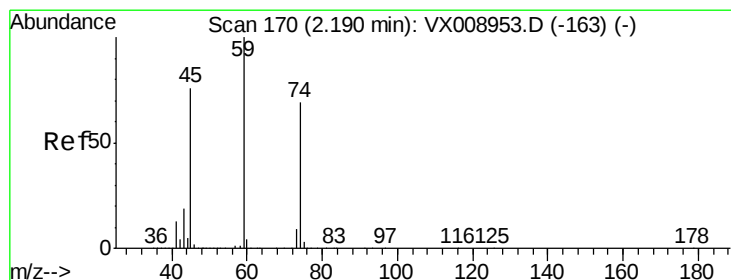
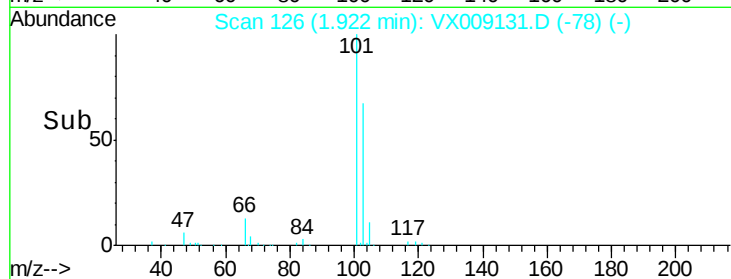
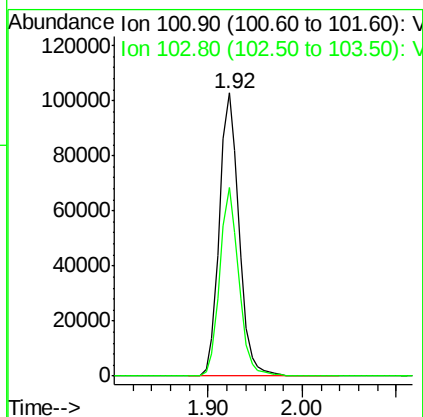
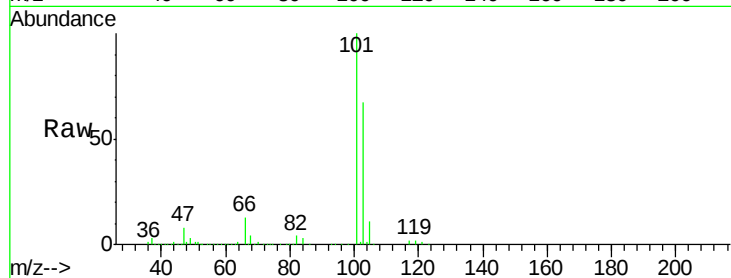
Trichlorofluoromethane
Concen: 54.809 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009131.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.0	76.6

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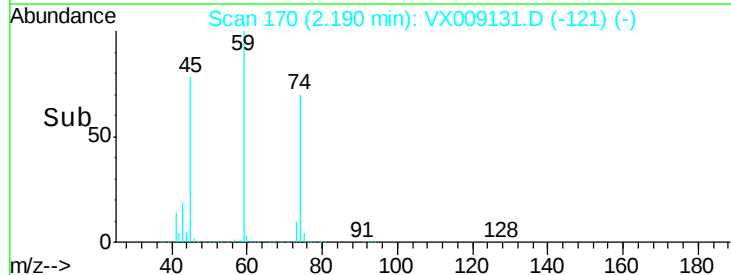
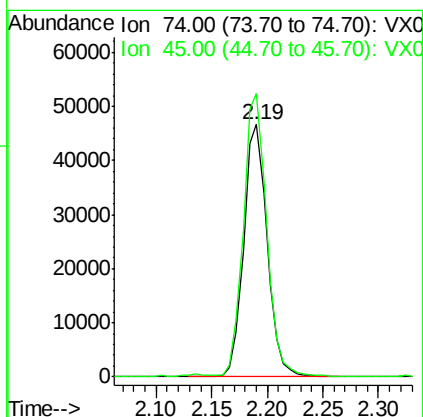
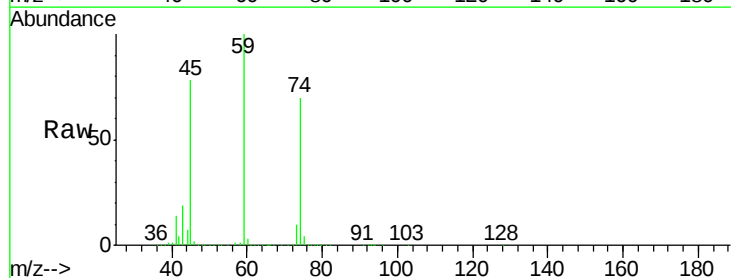
MMDadoda
4/24/2019 12:03:14 PM

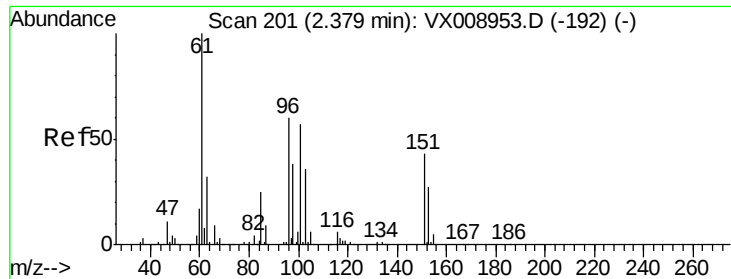


#8

Diethyl Ether
Concen: 54.620 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX009131.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.2	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.636 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

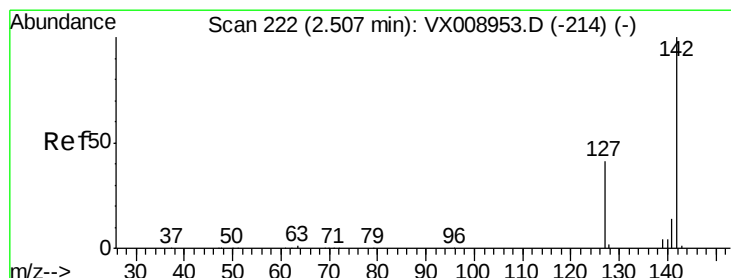
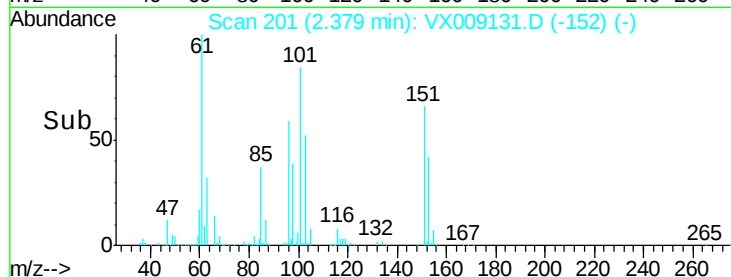
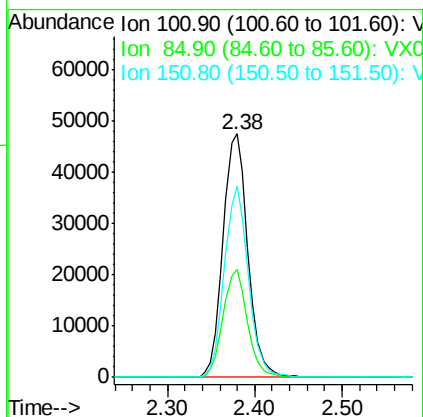
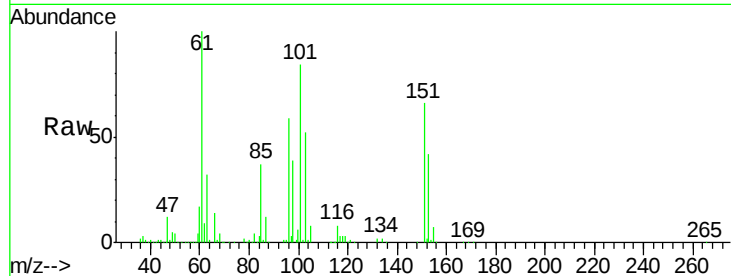
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	101	Resp:	93576
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.7	53.5
151	76.2	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 58.687 ug/l

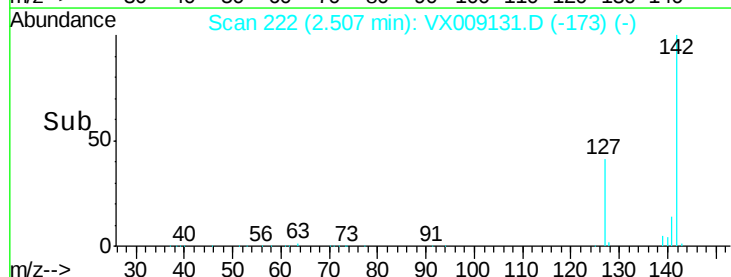
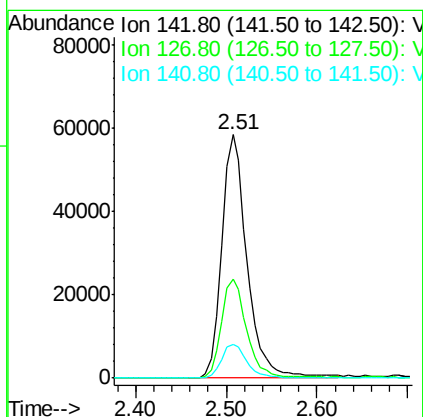
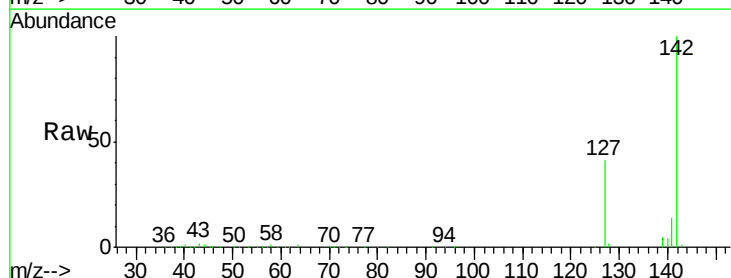
RT: 2.51 min Scan# 222

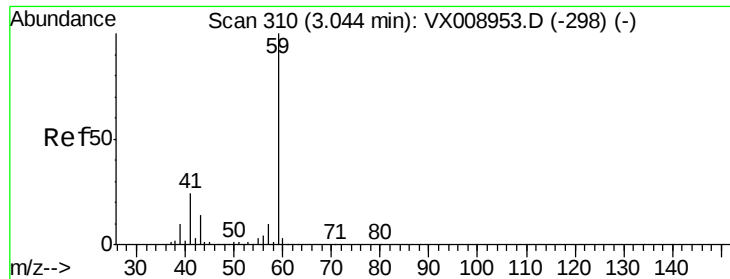
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	142	Resp:	113553
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.8	49.2
141	14.2	11.4	17.2





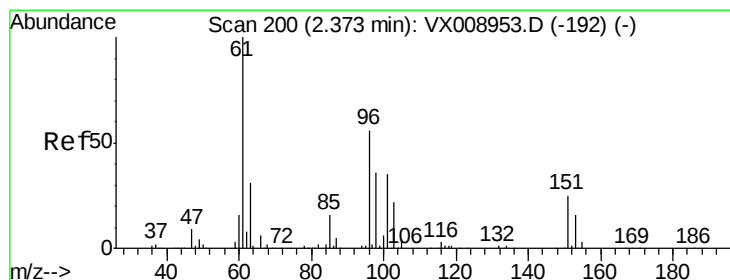
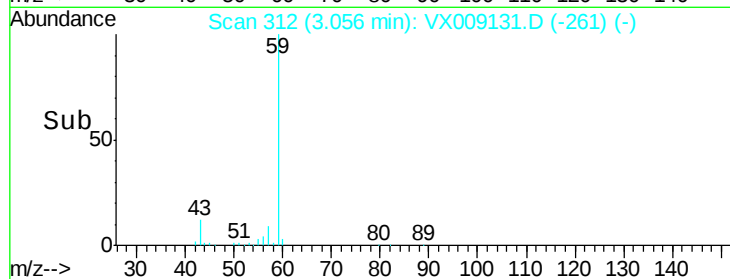
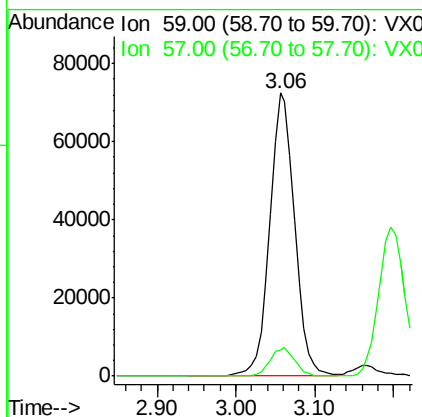
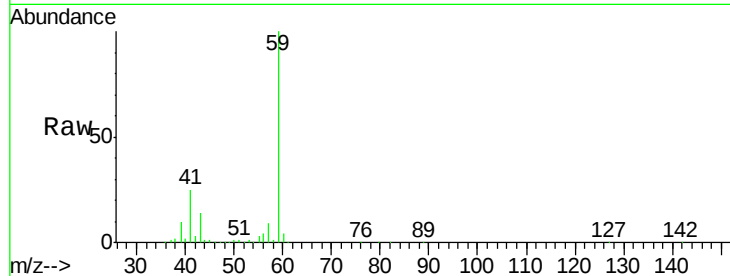
#11
Tert butyl alcohol
Concen: 299.128 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion: 59 Resp: 158900
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

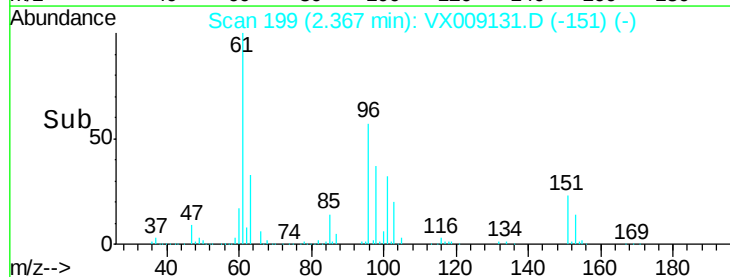
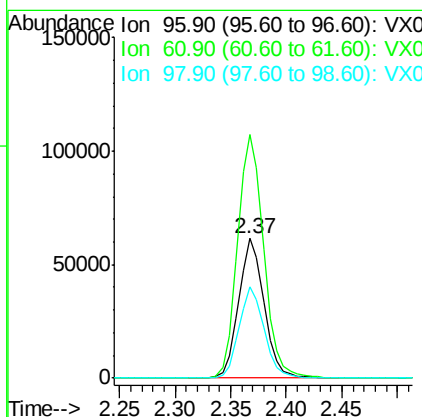
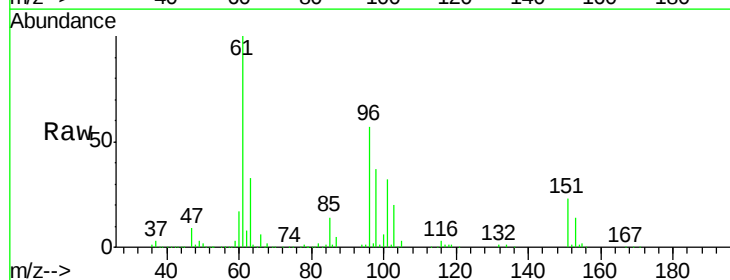
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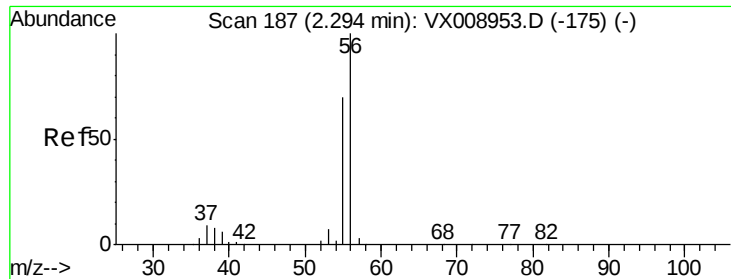
MMDadoda
4/24/2019 12:03:14 PM



#12
1,1-Dichloroethene
Concen: 53.334 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion: 96 Resp: 97124
Ion Ratio Lower Upper
96 100
61 174.9 142.2 213.2
98 65.3 50.9 76.3





#13

Acrolein

Concen: 236.732 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 56 Resp: 108657

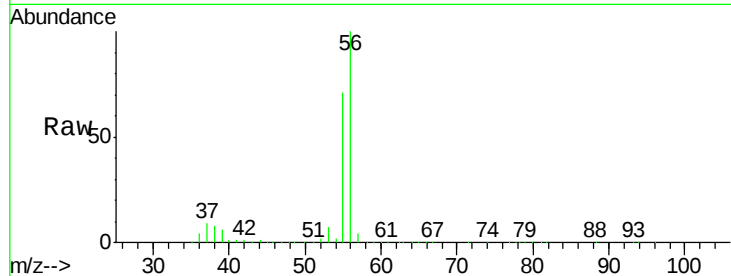
Ion Ratio Lower Upper

56 100

55 71.5 56.6 84.8

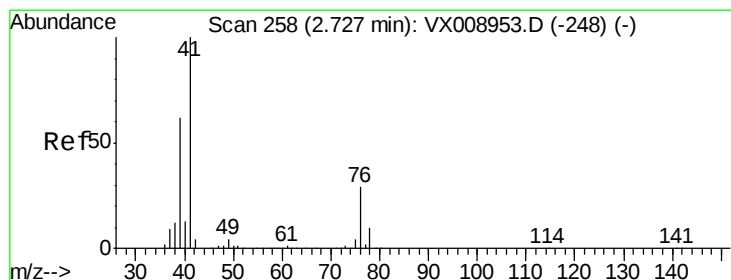
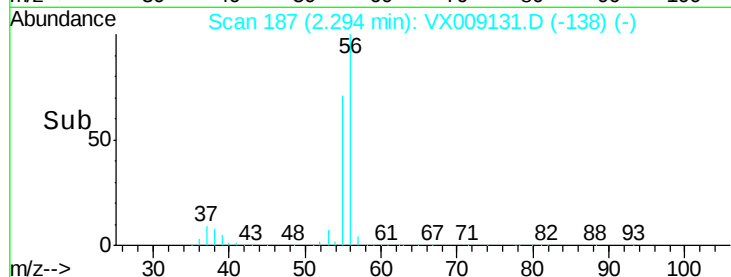
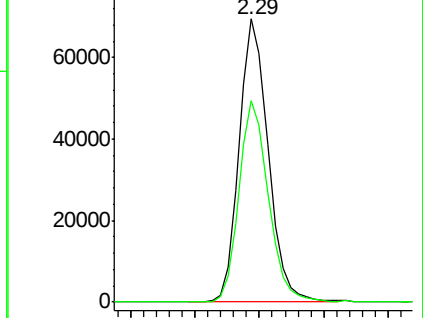
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 57.513 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

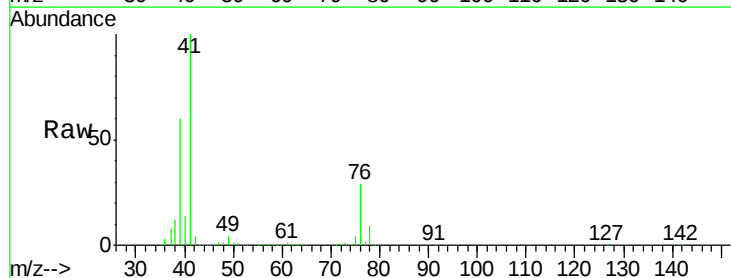
Tgt Ion: 41 Resp: 228496

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

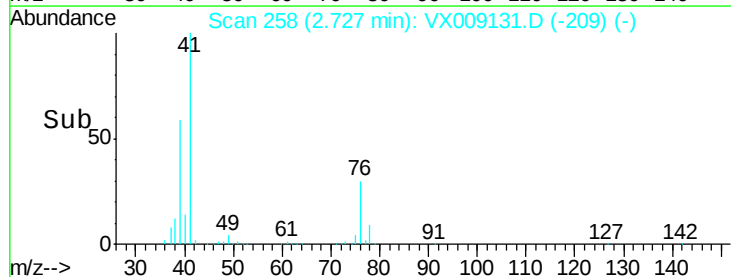
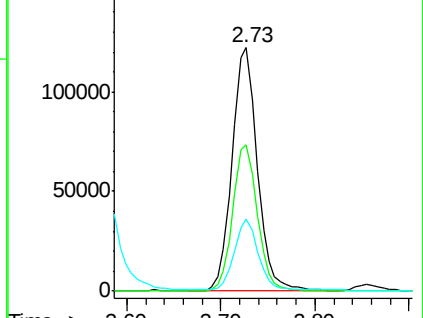
76 27.9 22.0 33.0

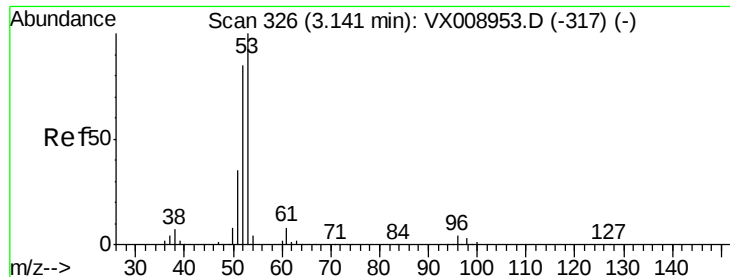


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 293.447 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

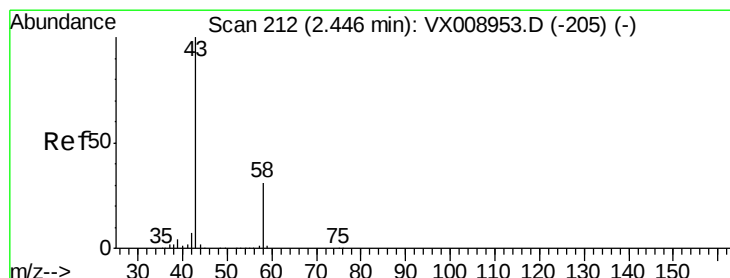
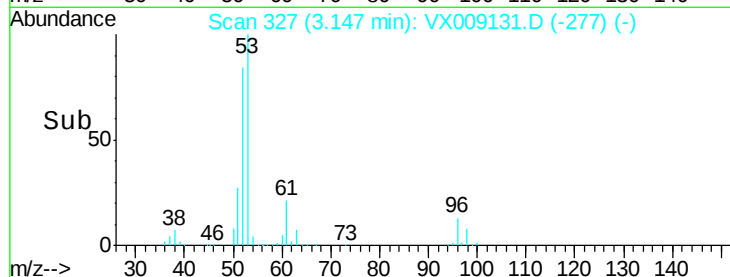
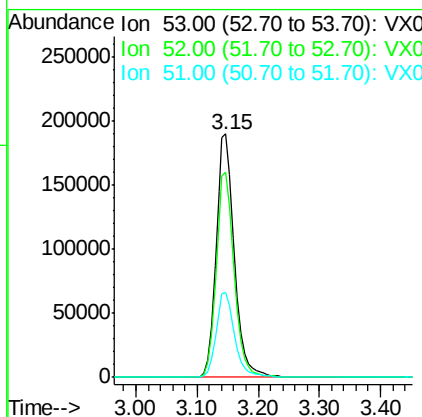
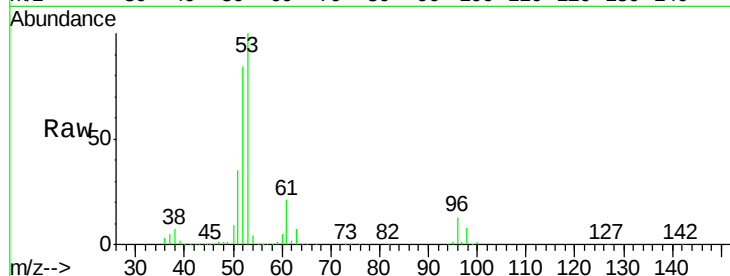
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	53	Resp:	395705
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	100.0
51	35.6	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 271.573 ug/l

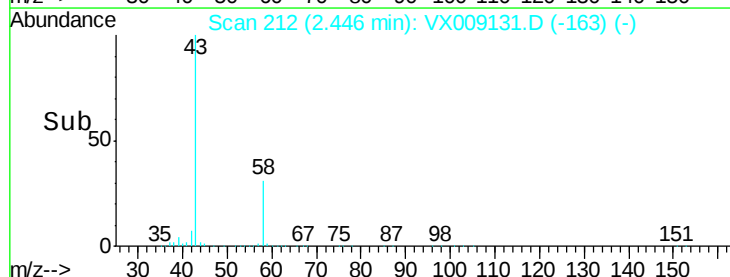
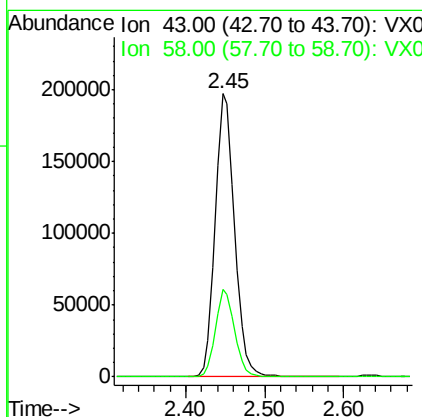
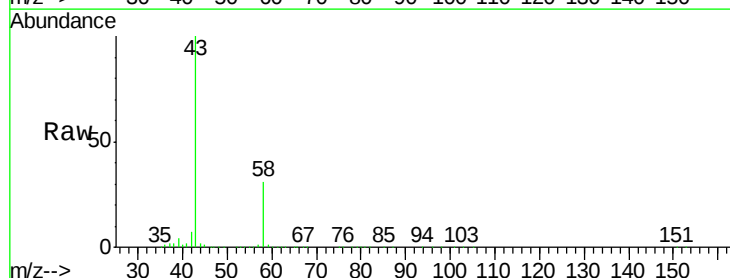
RT: 2.45 min Scan# 212

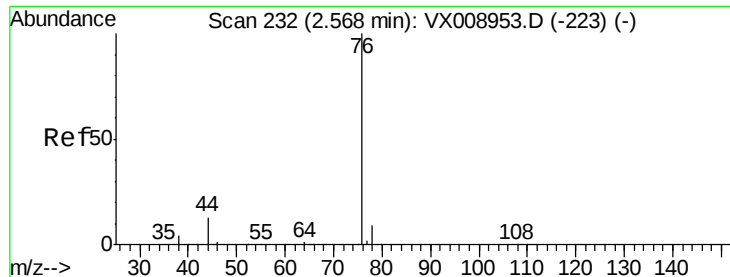
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	43	Resp:	337028
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.8	37.2





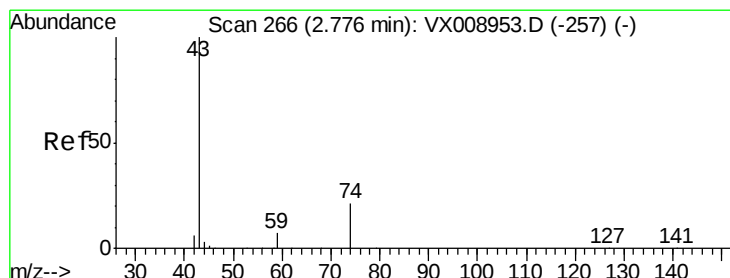
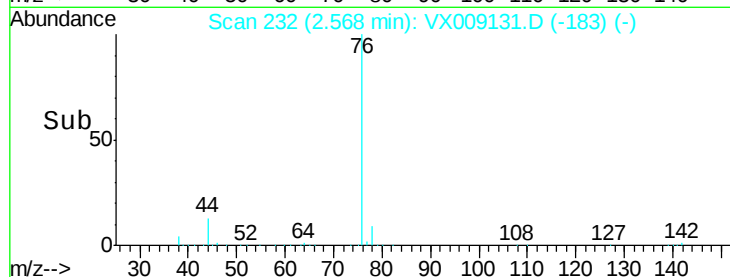
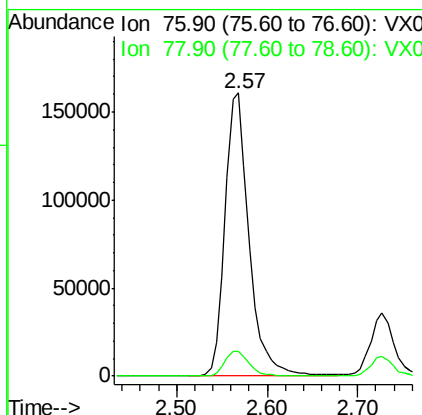
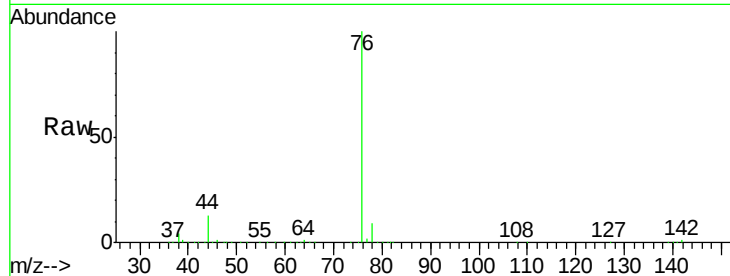
#17
Carbon Disulfide
Concen: 55.358 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

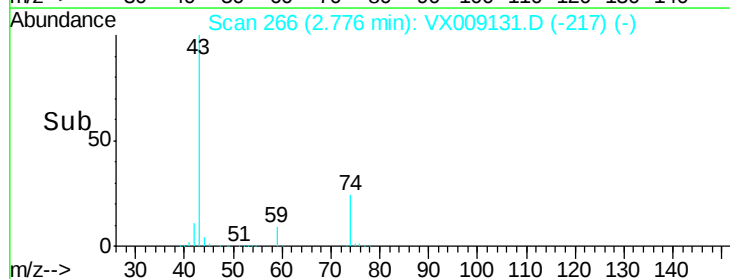
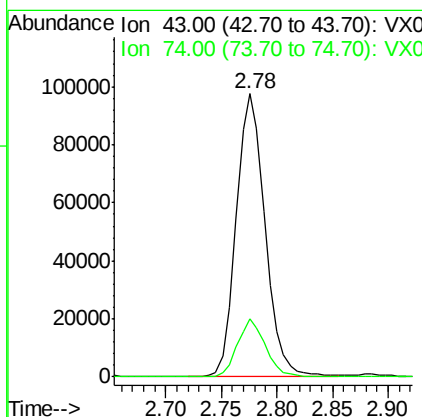
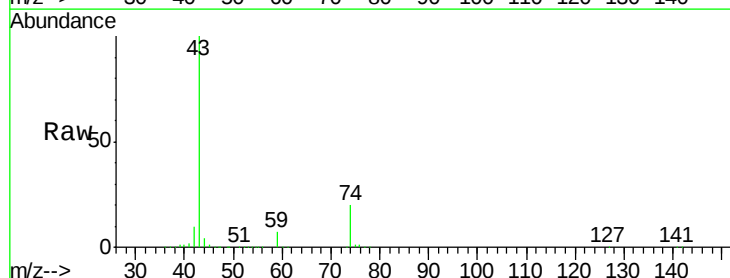
Manual Integrations
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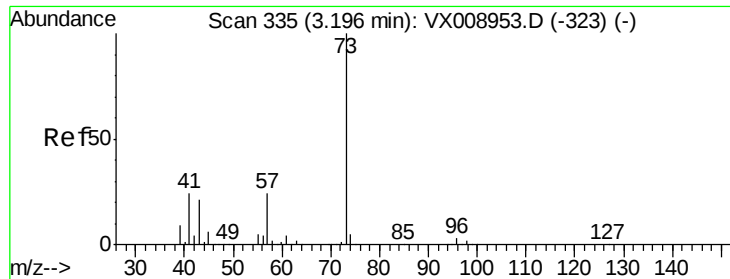
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#18
Methyl Acetate
Concen: 56.143 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.6	25.0





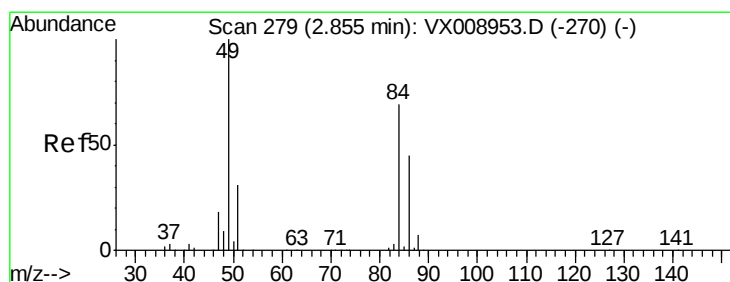
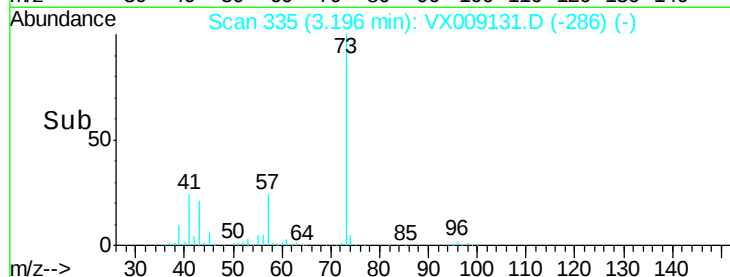
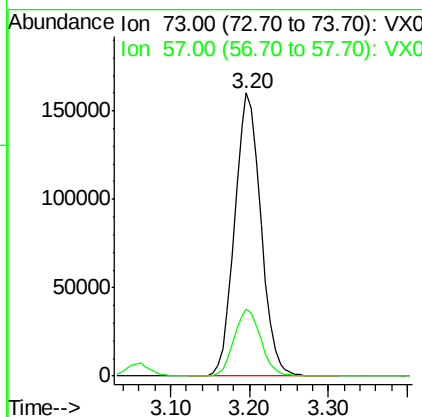
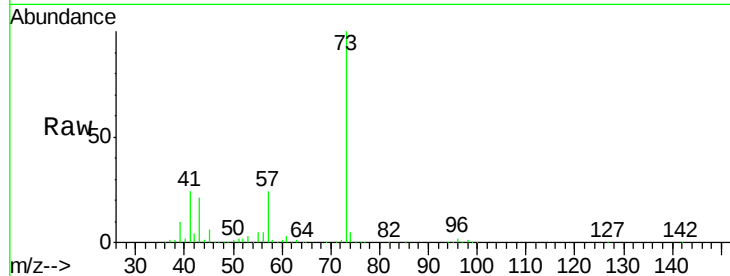
#19
Methvl tert-butvl Ether
Concen: 57.018 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion: 73 Resp: 369965
Ion Ratio Lower Upper
73 100
57 23.7 19.2 28.8

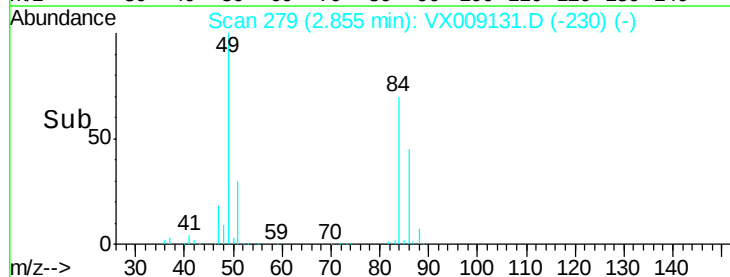
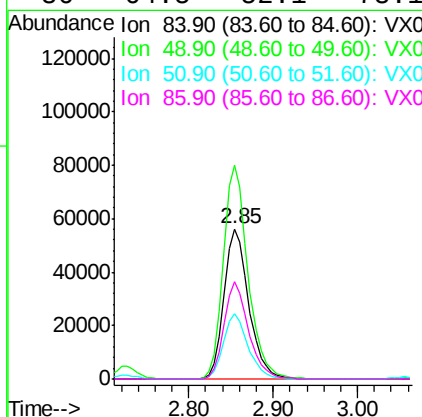
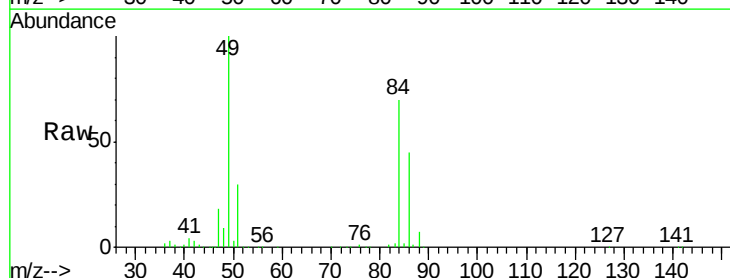
Manual Integrations
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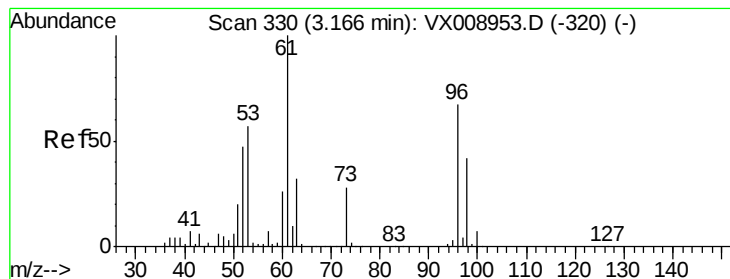
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#20
Methylene Chloride
Concen: 53.356 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion: 84 Resp: 113237
Ion Ratio Lower Upper
84 100
49 142.2 115.4 173.0
51 43.1 35.8 53.6
86 64.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 56.093 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

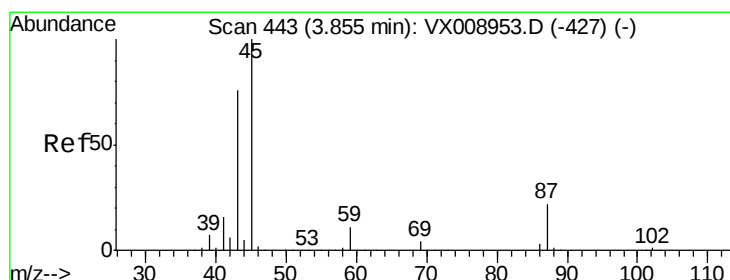
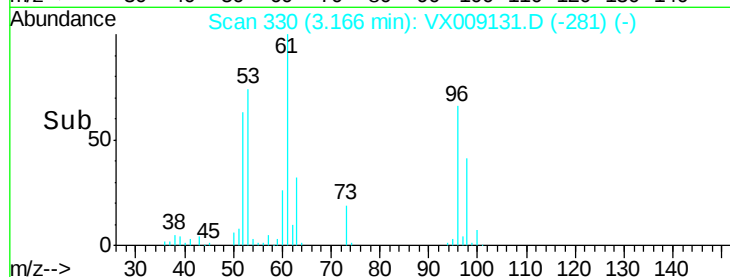
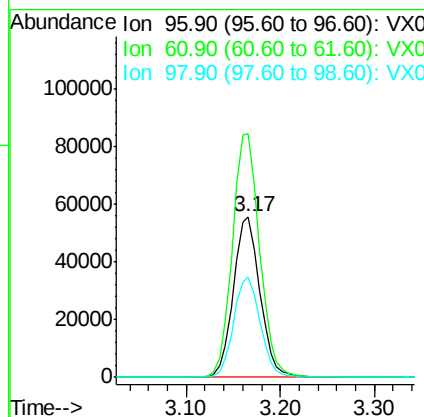
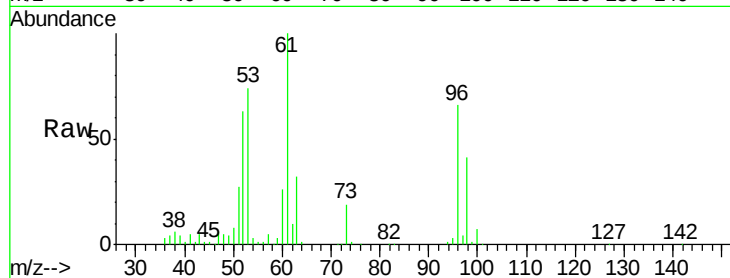
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	96	Resp:	108953
Ion Ratio	Lower	Upper	
96	100		
61	151.6	120.3	180.5
98	62.7	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.367 ug/l

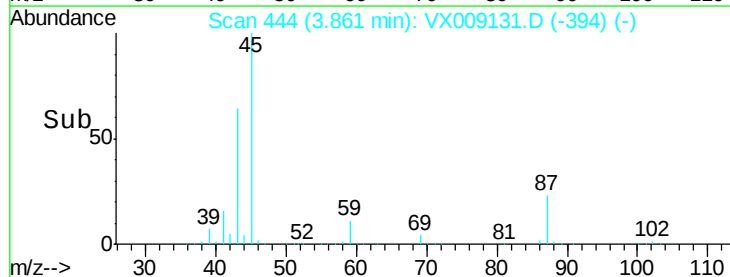
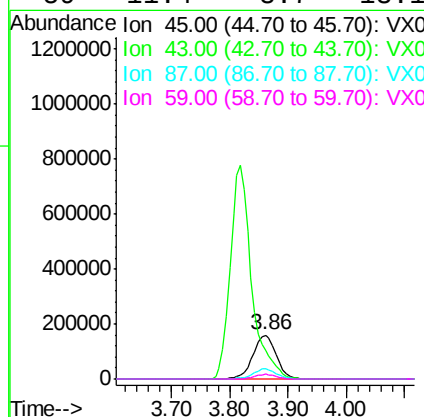
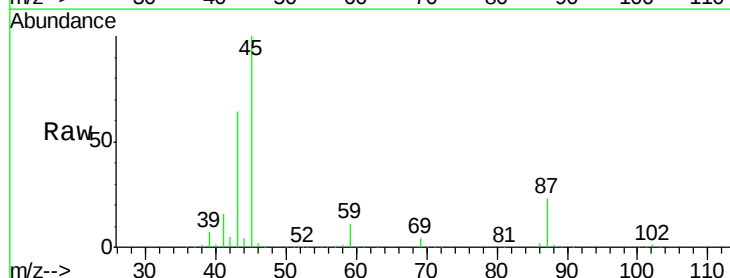
RT: 3.86 min Scan# 444

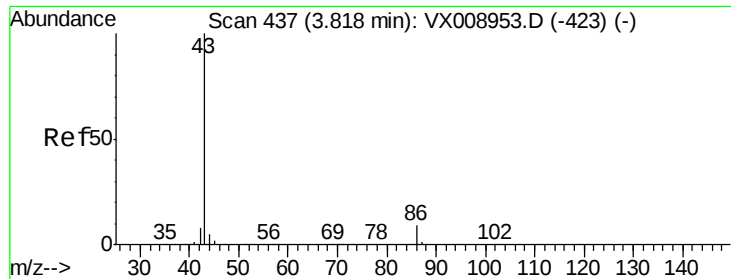
Delta R.T. 0.01 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	45	Resp:	442885
Ion Ratio	Lower	Upper	
45	100		
43	64.4	60.6	91.0
87	23.4	17.8	26.8
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 292.508 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 43 Resp: 1985047

Ion Ratio Lower Upper

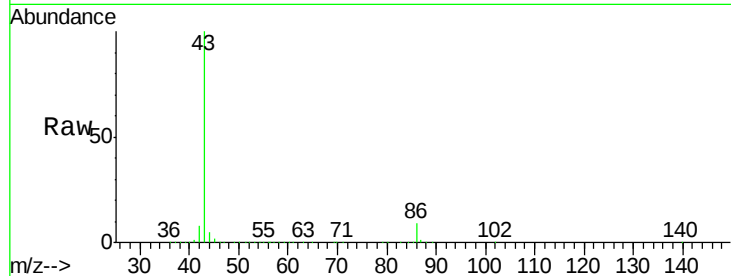
43 100

86 8.5 7.1 10.7

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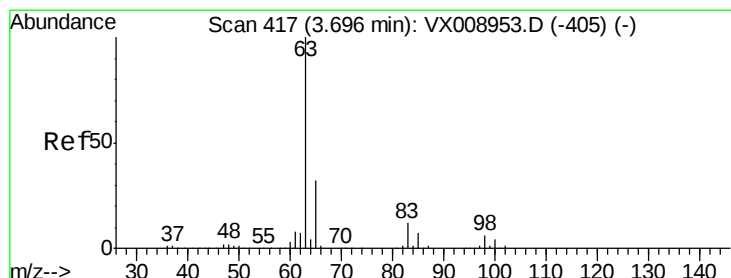
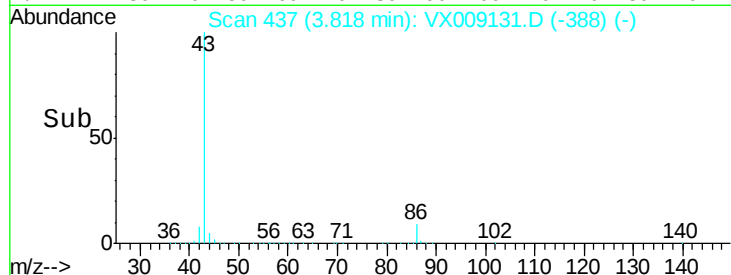
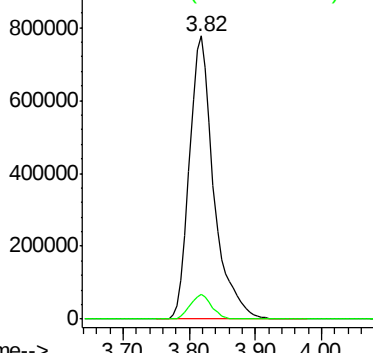
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.390 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

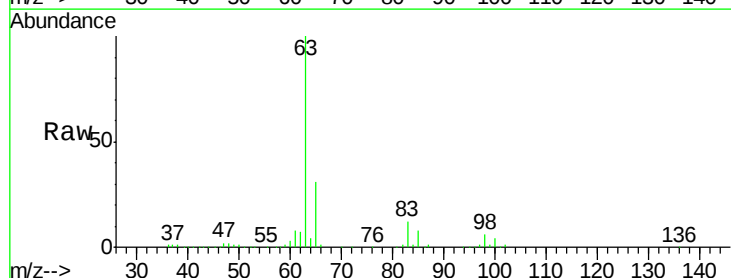
Tgt Ion: 63 Resp: 218533

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

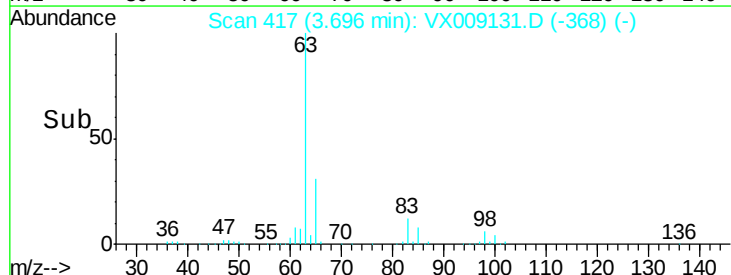
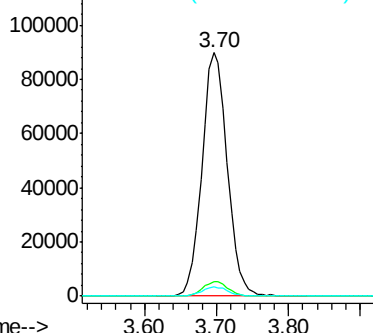
100 3.9 1.9 5.7

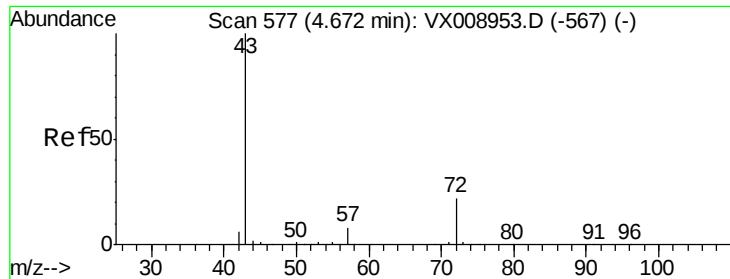


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 295.319 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 43 Resp: 585822

Ion Ratio Lower Upper

43 100

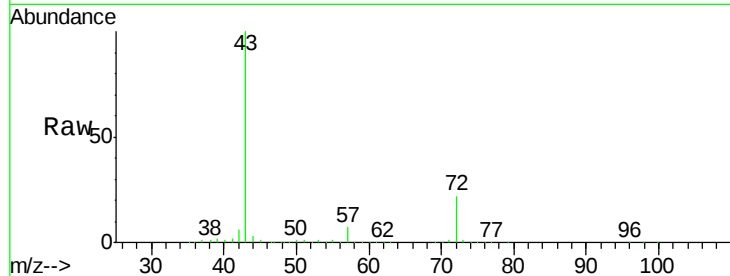
72 22.0 17.5 26.3

Manual Integrations

APPROVED

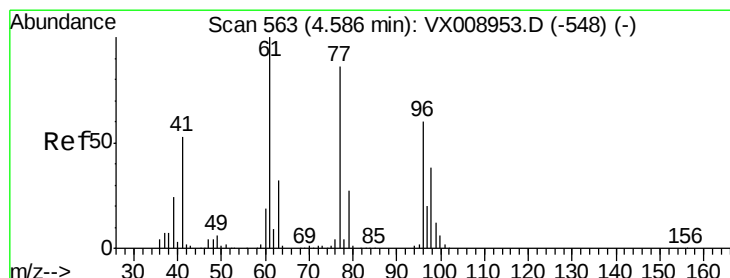
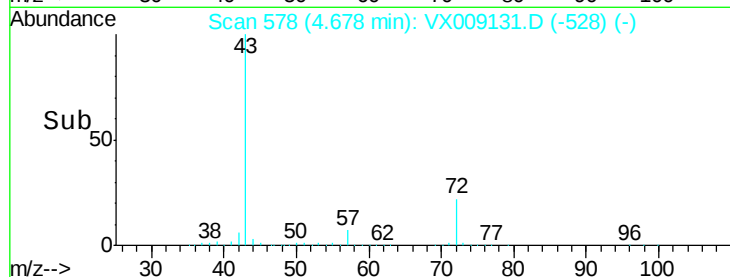
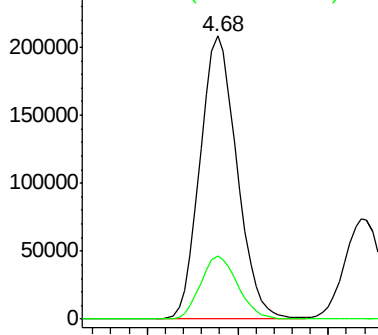
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.326 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009131.D

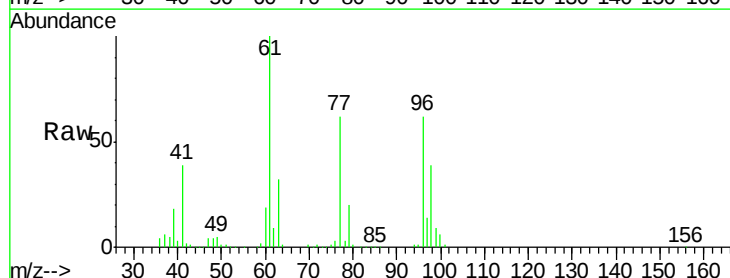
Acq: 23 Apr 2019 19:10

Tgt Ion: 77 Resp: 134575

Ion Ratio Lower Upper

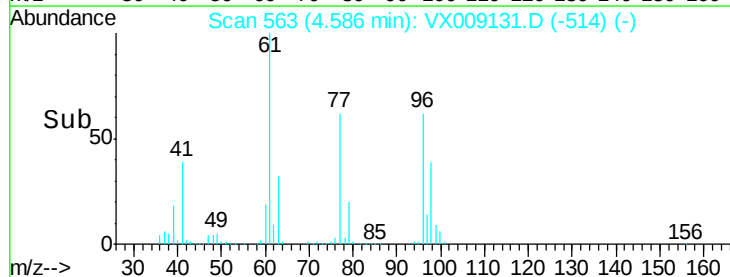
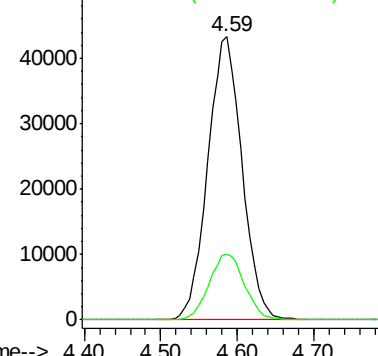
77 100

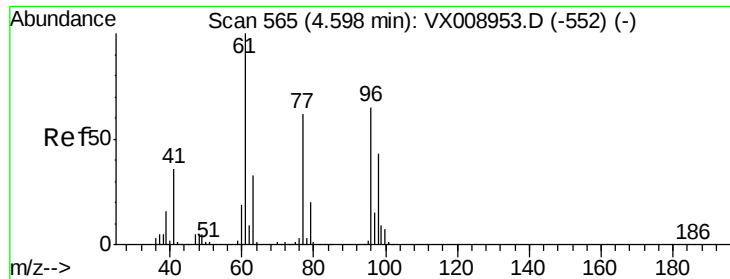
97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

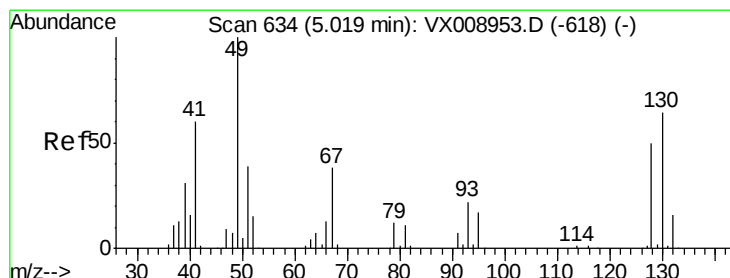
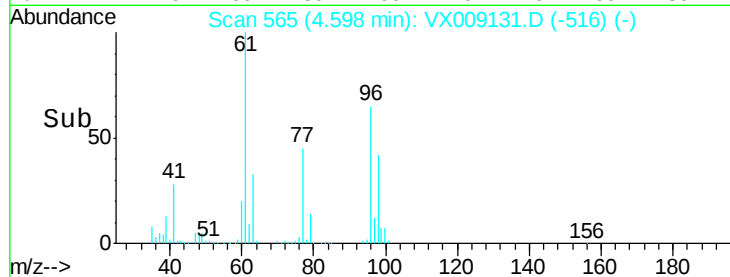
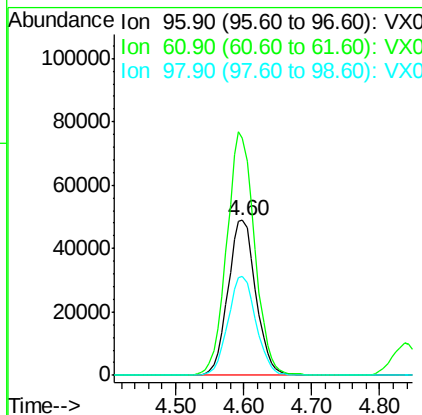
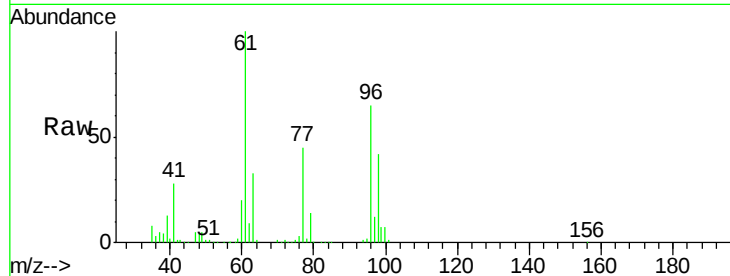
cis-1,2-Dichloroethene
Concen: 63.032 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139004		
61	157.3	0.0	322.0	
98	64.2	0.0	128.4	

Manual Integrations
APPROVED

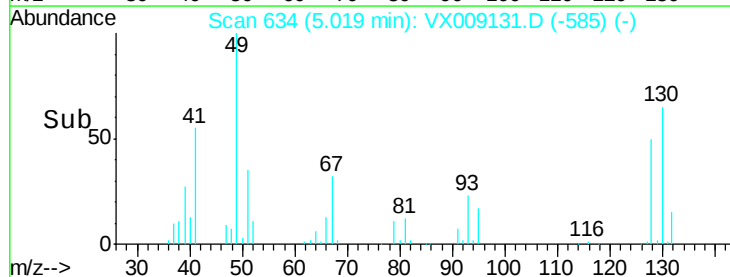
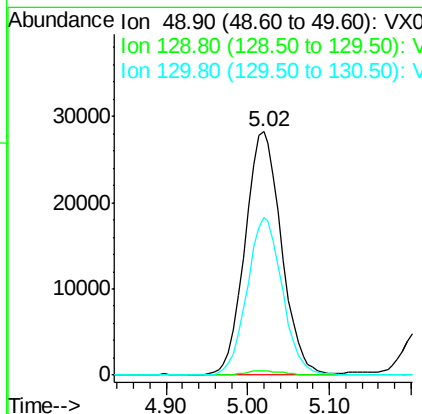
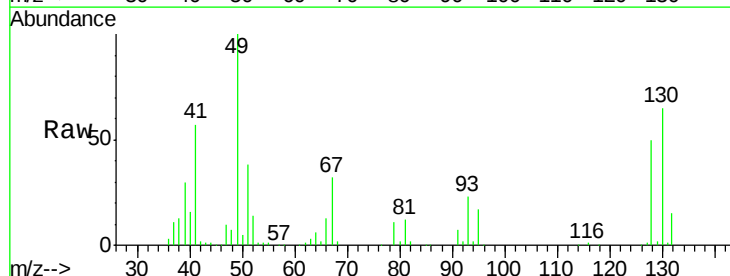
MMDadoda
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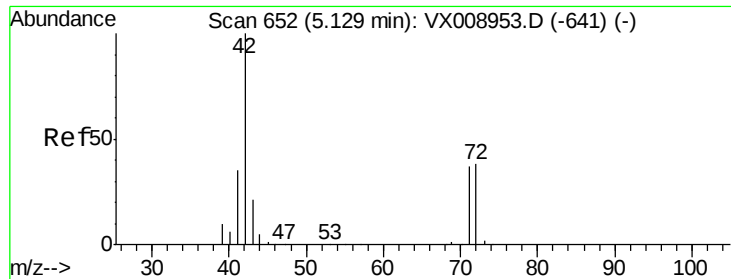


#28

Bromochloromethane
Concen: 54.739 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87818		
129	1.8	0.0	3.6	
130	62.7	50.4	75.6	





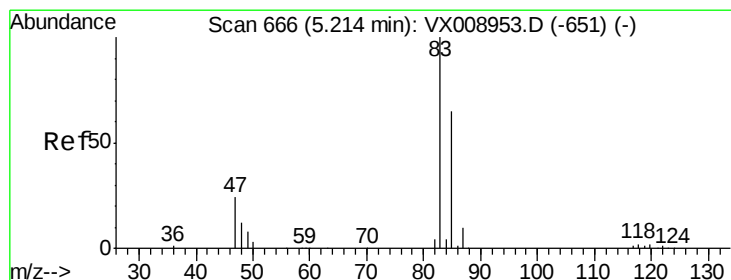
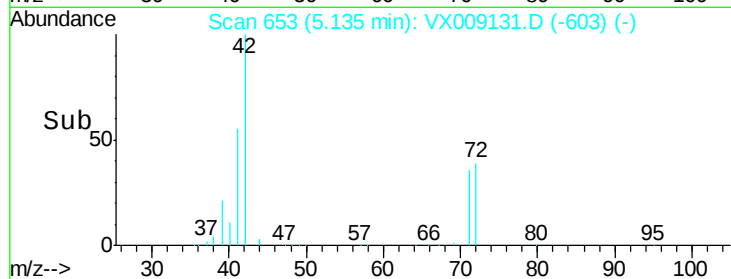
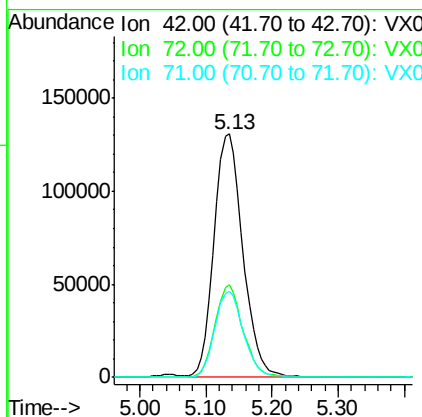
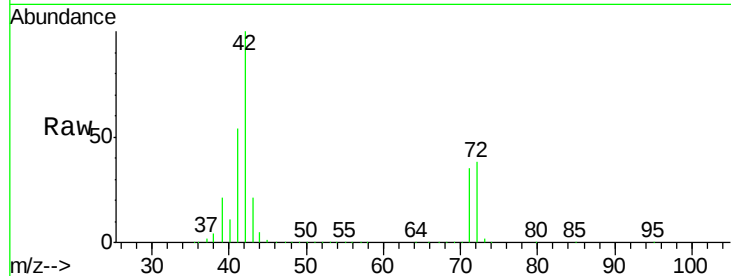
#29
Tetrahydrofuran
Concen: 297.469 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	37.2		30.6	45.8
71	35.3		28.8	43.2

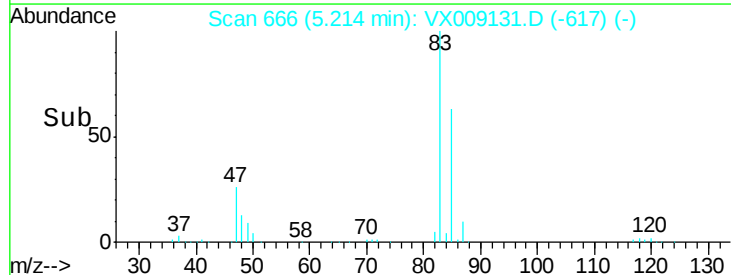
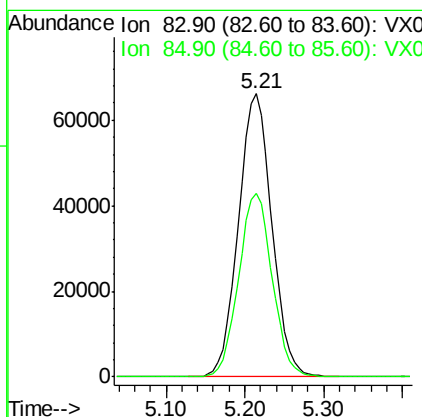
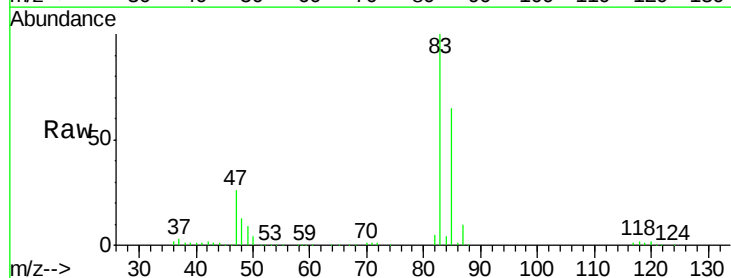
Manual Integrations
APPROVED

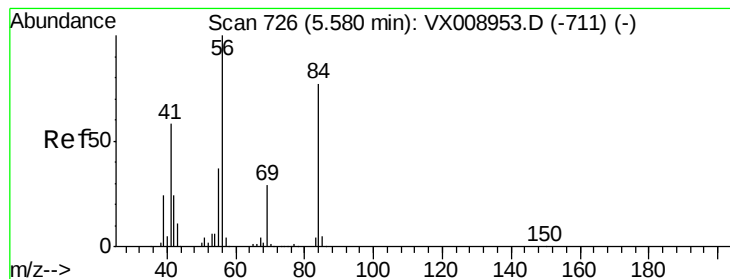
MMDadoda
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#30
Chloroform
Concen: 56.233 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.7		51.9	77.9





#31

Cyclohexane

Concen: 54.639 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

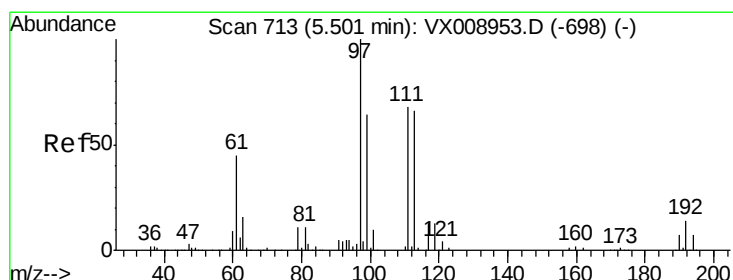
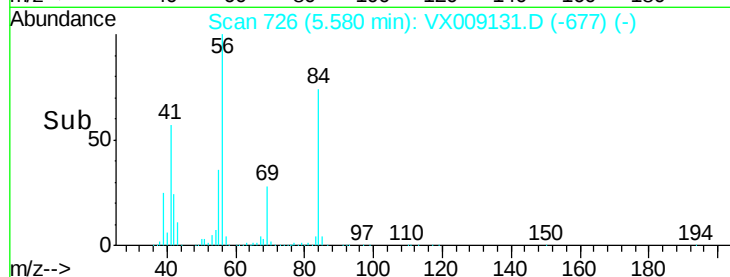
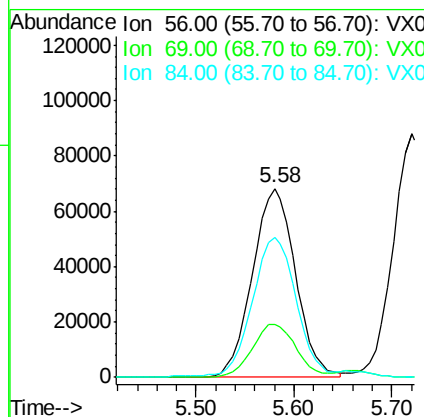
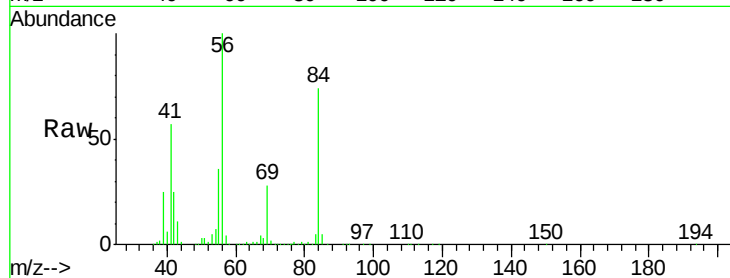
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	56	Resp:	208266
Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.3	34.9
84	72.8	61.7	92.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 56.580 ug/l

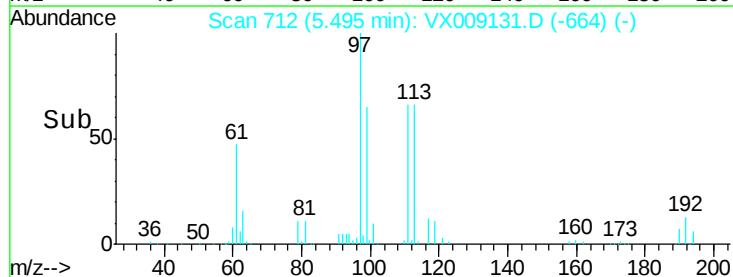
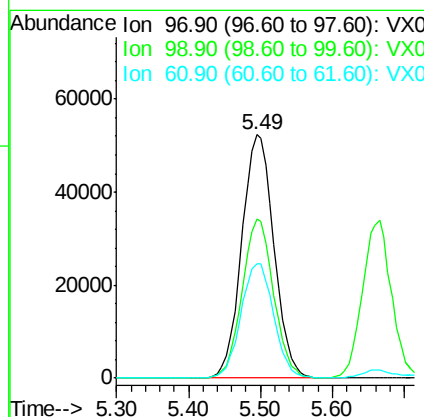
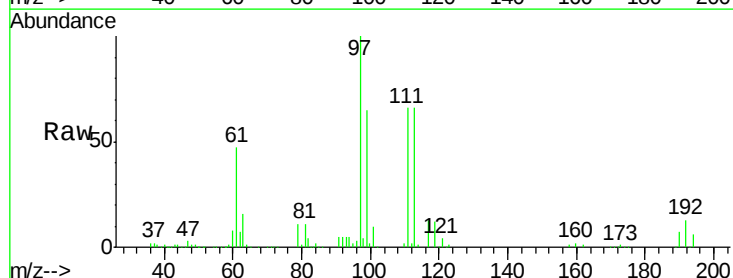
RT: 5.49 min Scan# 712

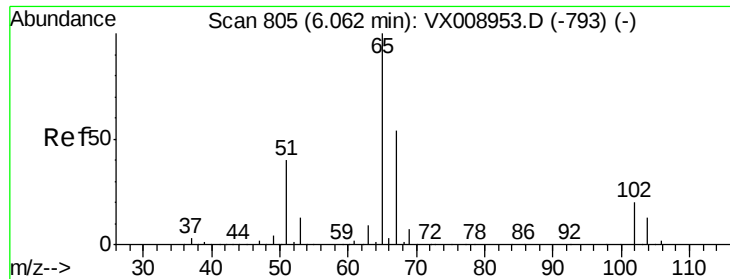
Delta R.T. -0.01 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	97	Resp:	162624
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	47.9	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 57.068 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 65 Resp: 136571

Ion Ratio Lower Upper

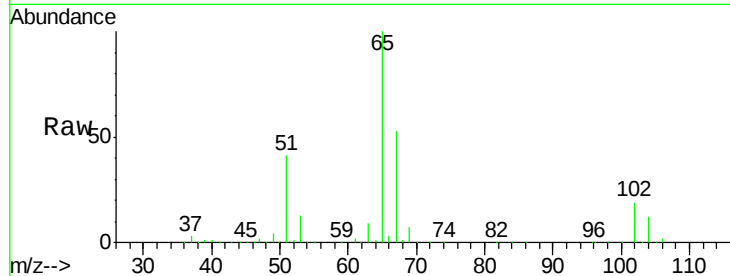
65 100

67 54.1 0.0 108.6

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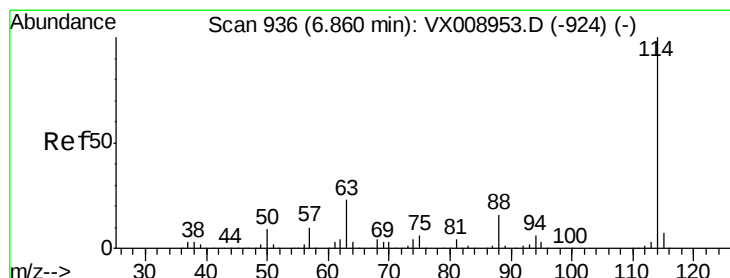
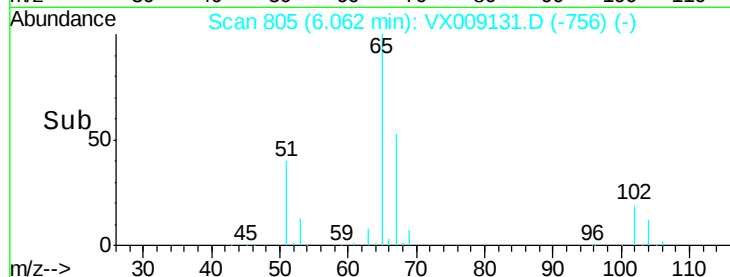
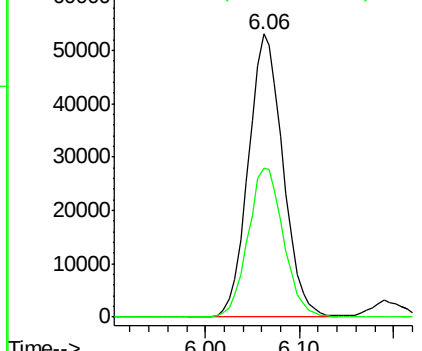
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

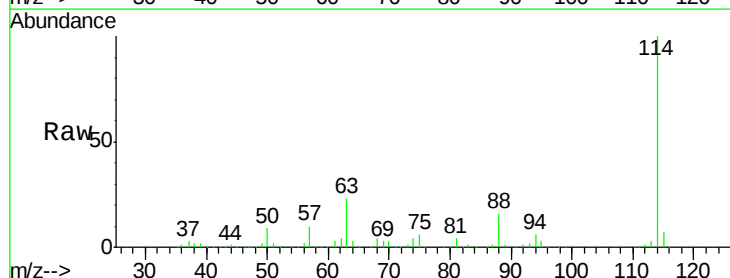
Tgt Ion: 114 Resp: 284124

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

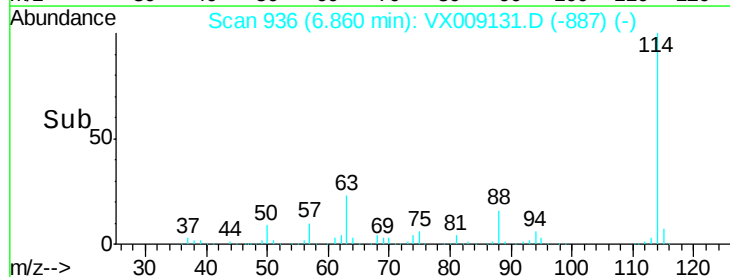
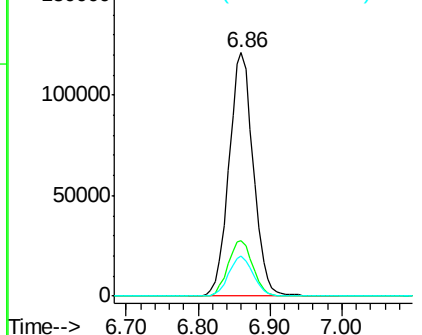
88 16.5 0.0 32.6

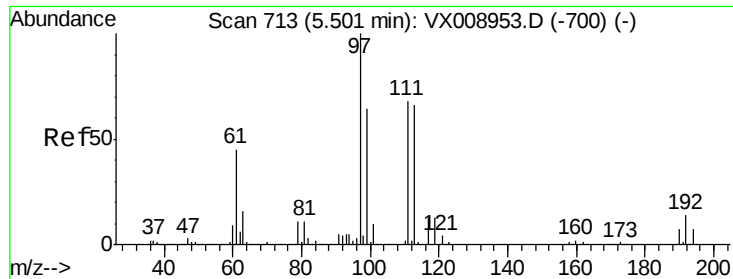


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.192 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

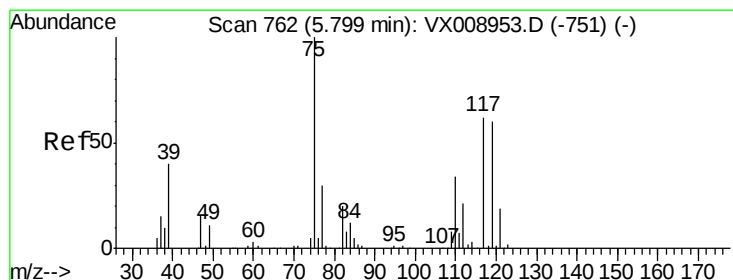
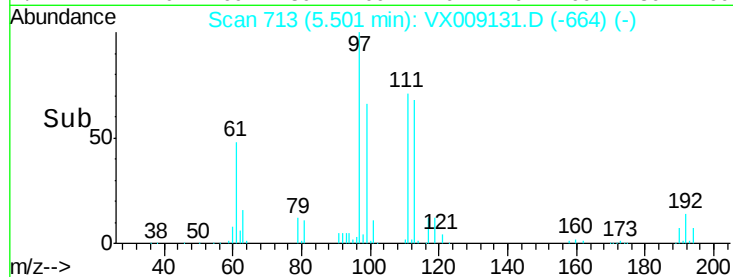
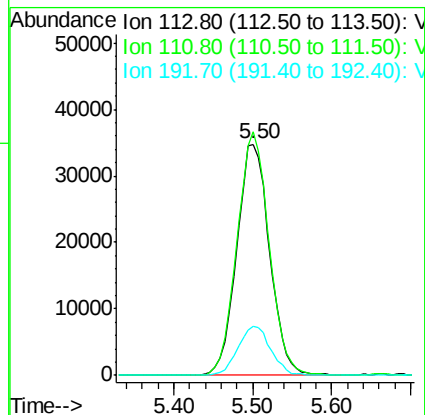
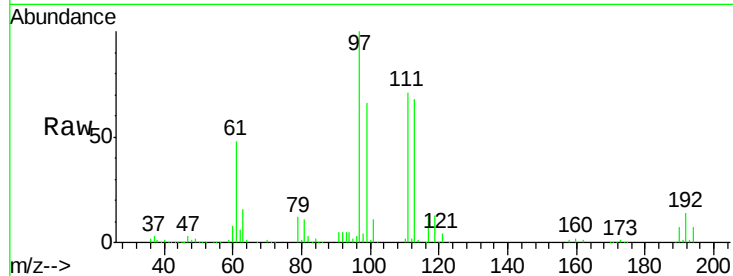
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	113	Resp:	100640
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	21.2	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.518 ug/l

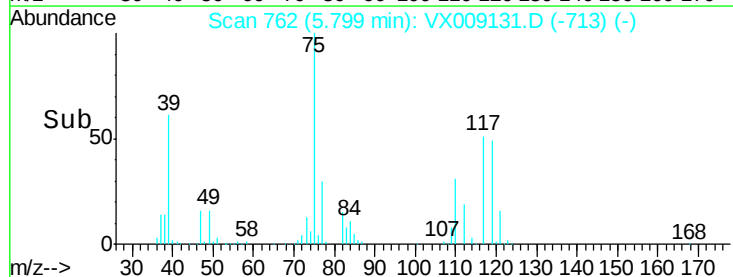
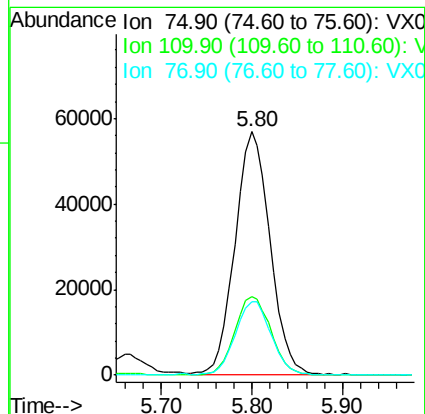
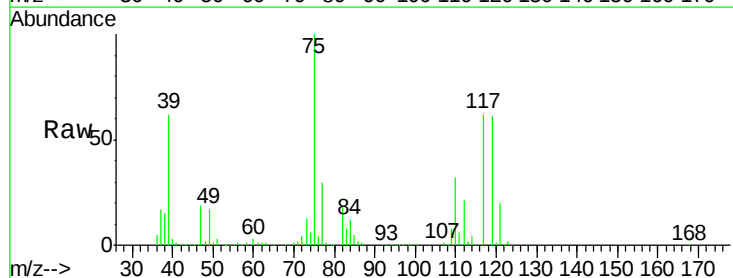
RT: 5.80 min Scan# 762

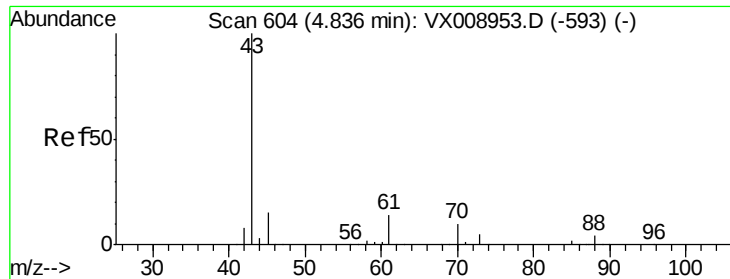
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	75	Resp:	151384
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 57.585 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

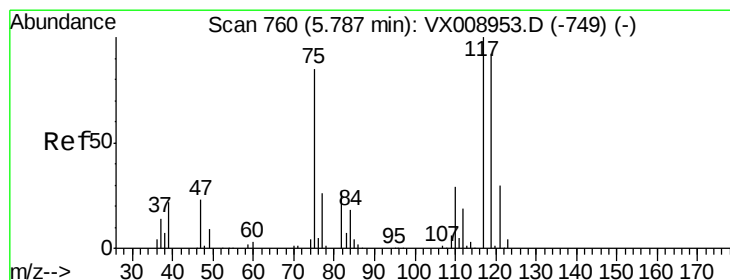
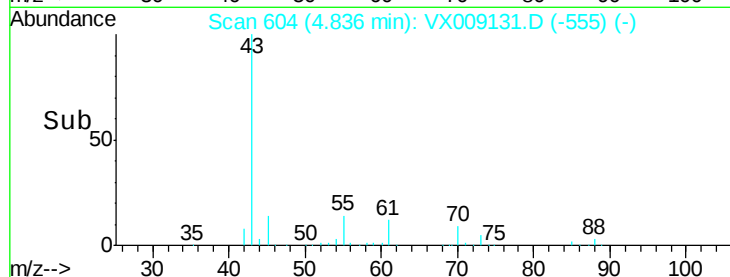
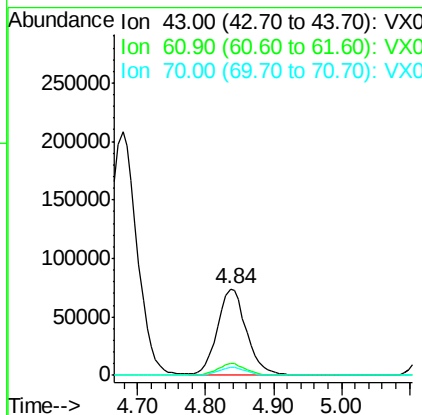
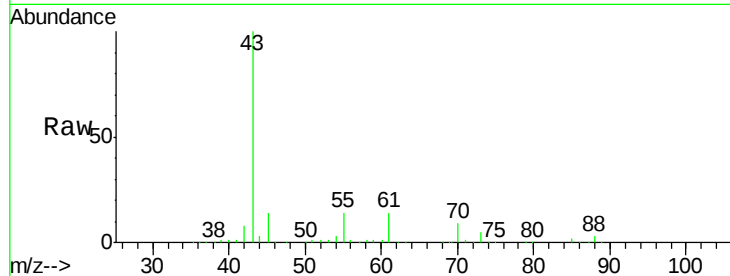
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	43	Resp:	217737
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.3	7.7	11.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 53.916 ug/l

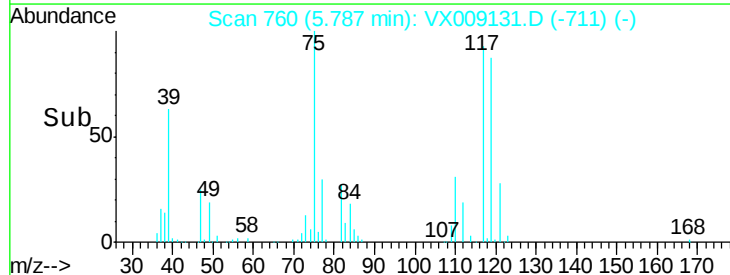
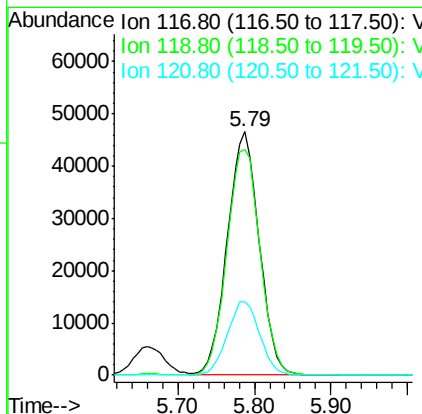
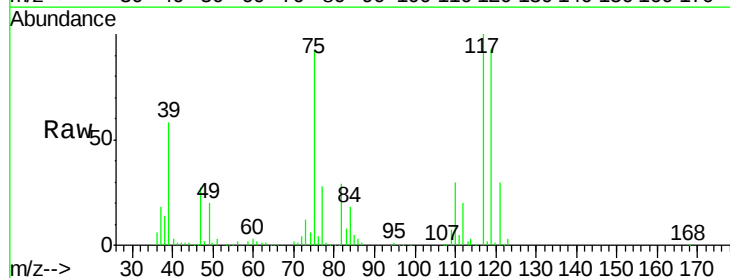
RT: 5.79 min Scan# 760

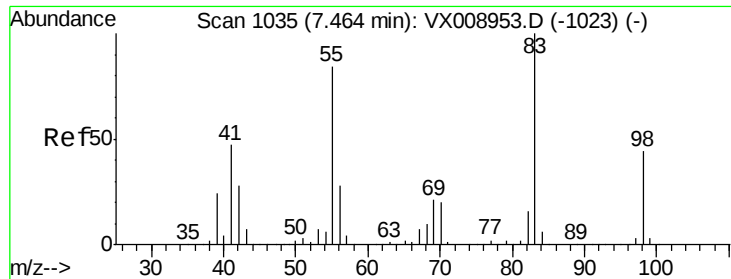
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	117	Resp:	134313
Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.8	110.8
121	30.2	23.6	35.4





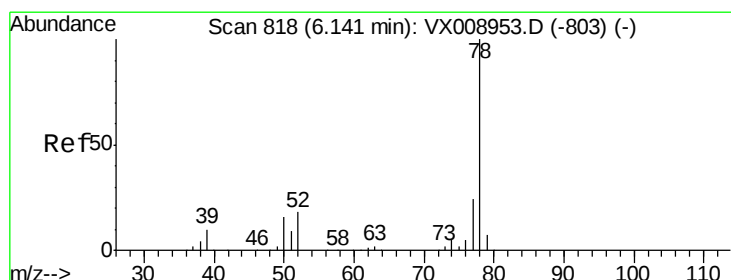
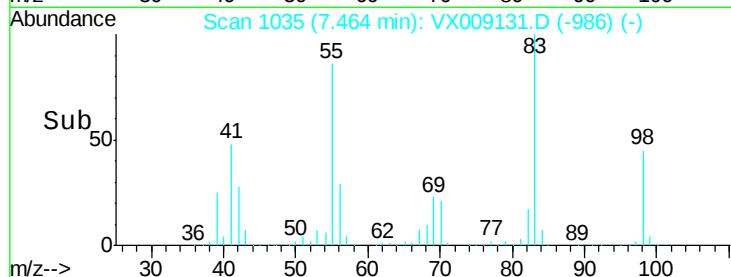
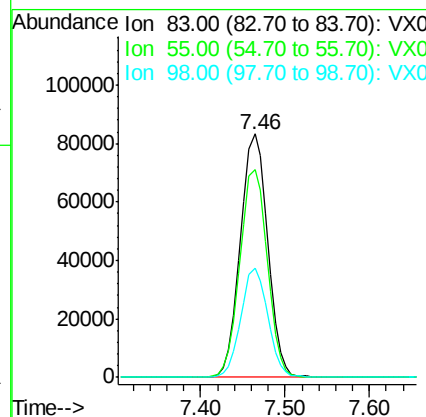
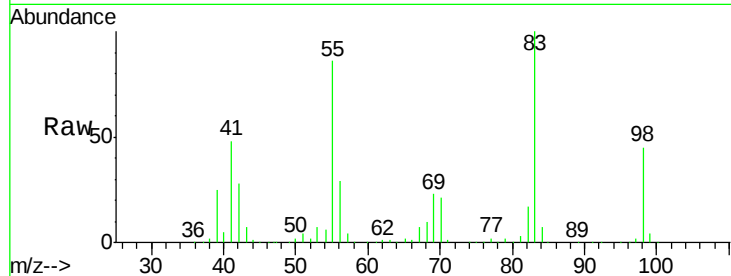
#39
Methvlcvclohexane
Concen: 51.006 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.5	67.1	100.7	
98	44.9	35.1	52.7	

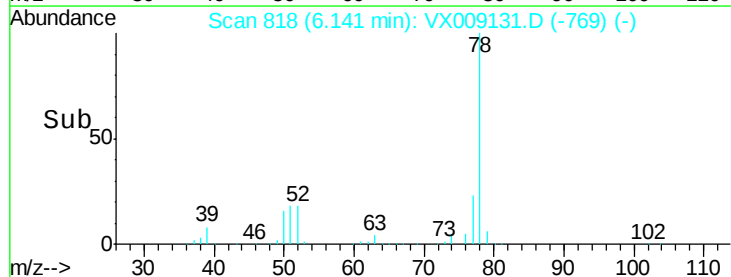
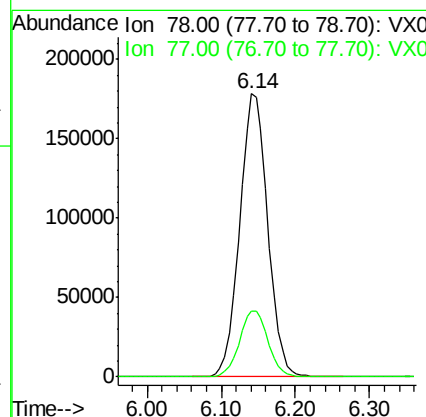
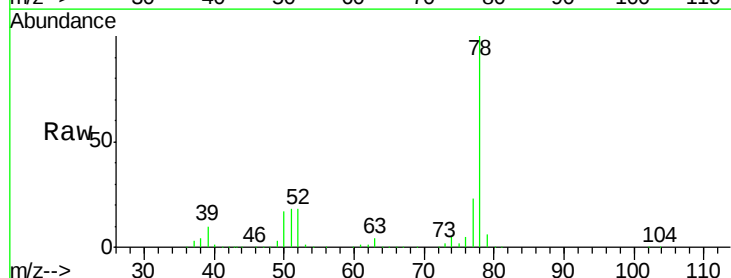
Manual Integrations
APPROVED

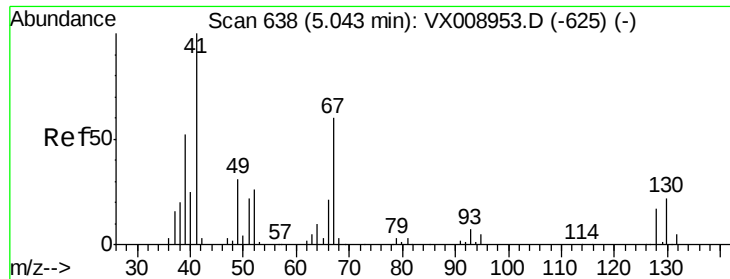
MMDadoda
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#40
Benzene
Concen: 54.243 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	19.0	28.6	





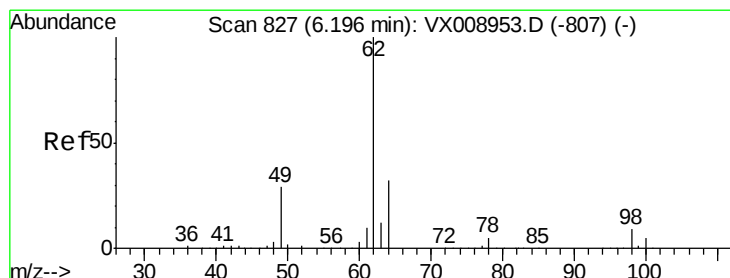
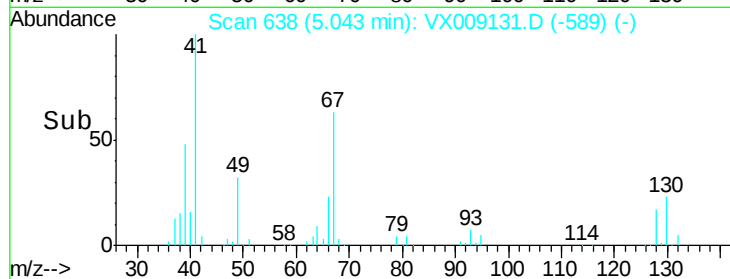
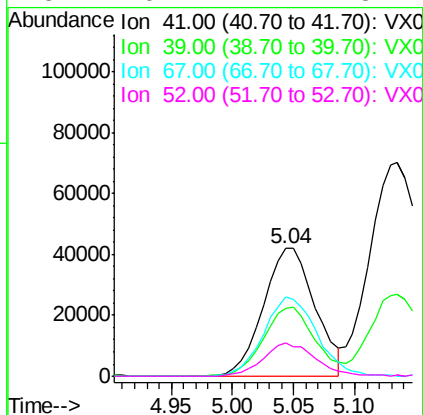
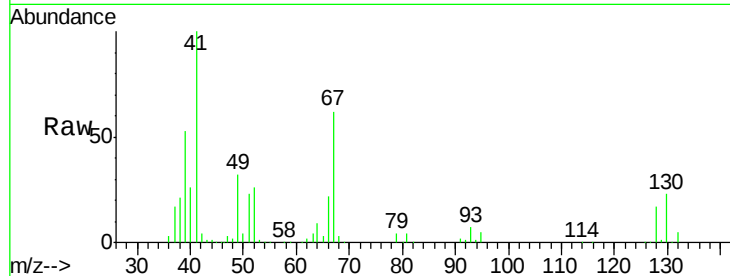
#41
Methacrylonitrile
Concen: 56.767 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		123189		
39	54.4	41.8	62.6		
67	63.6	50.2	75.4		
52	26.1	21.1	31.7		

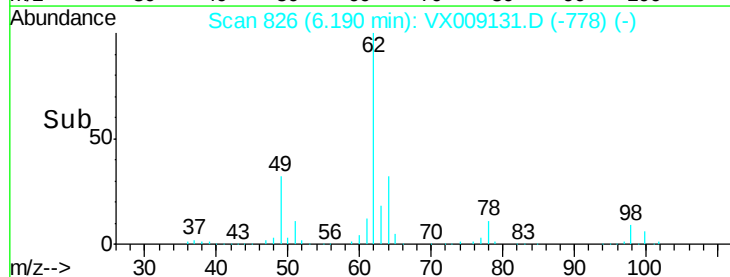
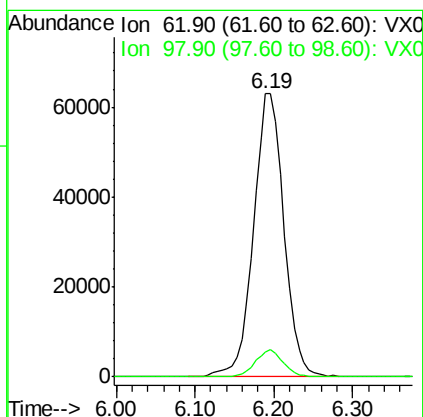
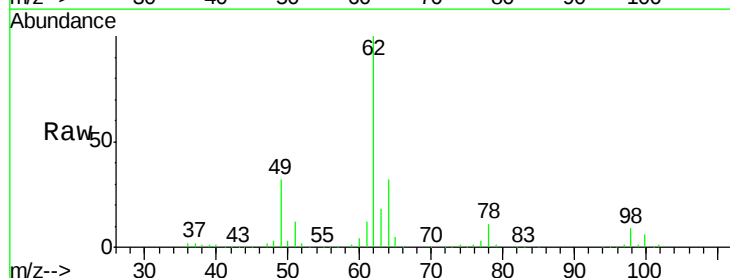
Manual Integrations
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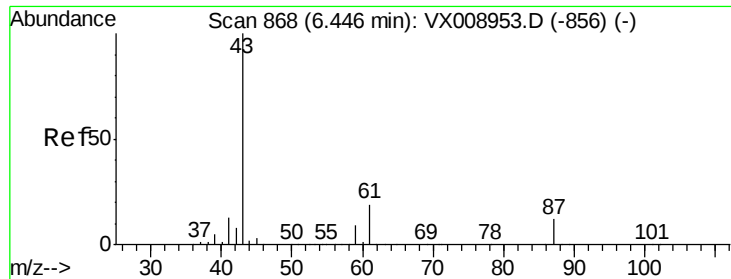
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.551 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		167513		
98	8.8	0.0	18.4		





#43

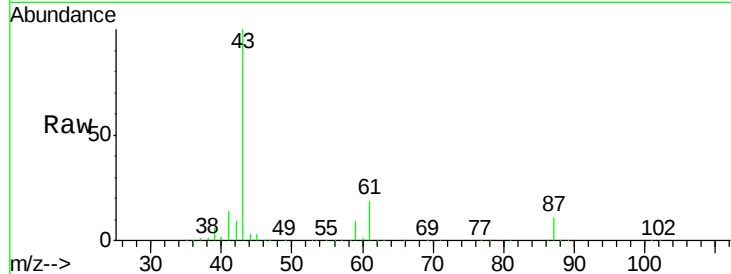
Isopropyl Acetate
 Concen: 55.834 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

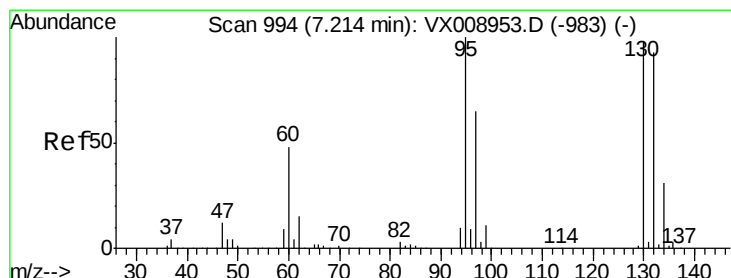
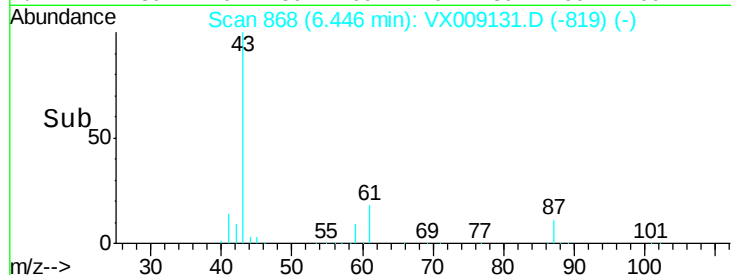
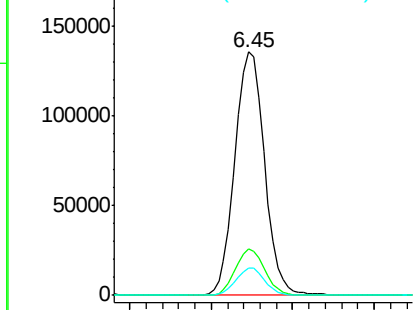
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	11.1	9.0	13.4

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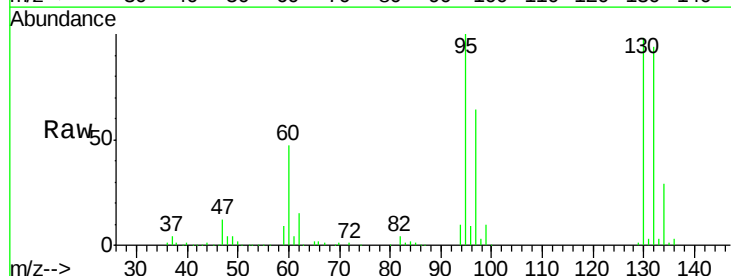
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



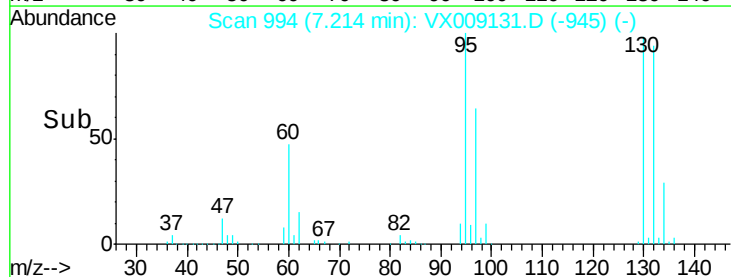
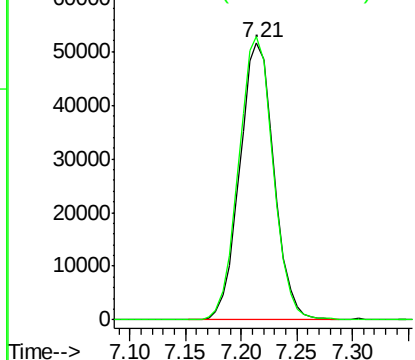
#44

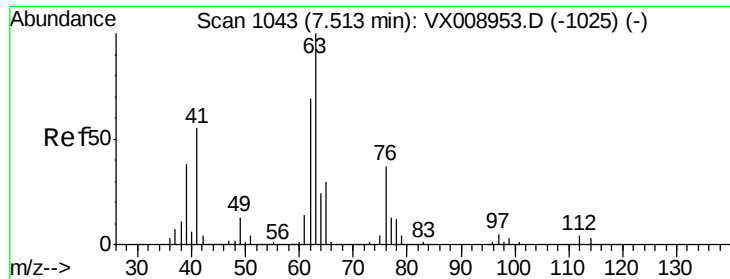
Trichloroethene
 Concen: 52.002 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	203.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.763 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 63 Resp: 131700

Ion Ratio Lower Upper

63 100

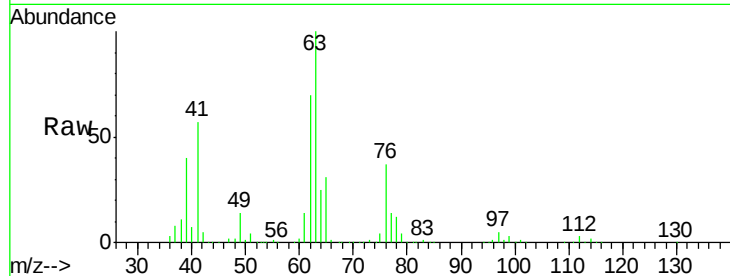
65 31.2 24.1 36.1

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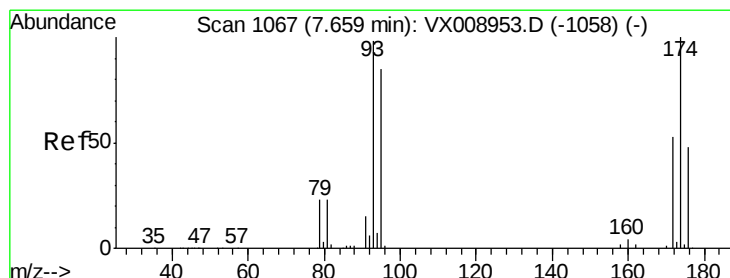
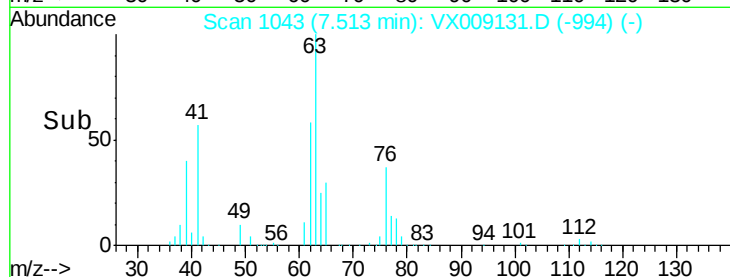
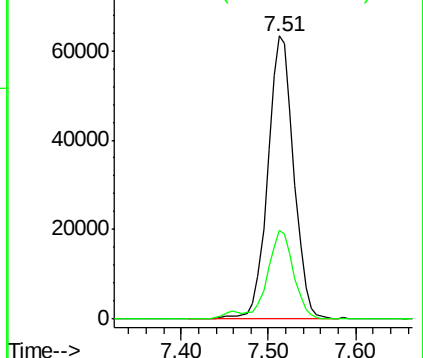
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.827 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

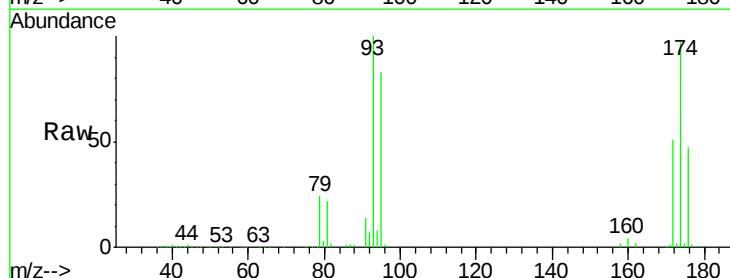
Tgt Ion: 93 Resp: 76736

Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.4

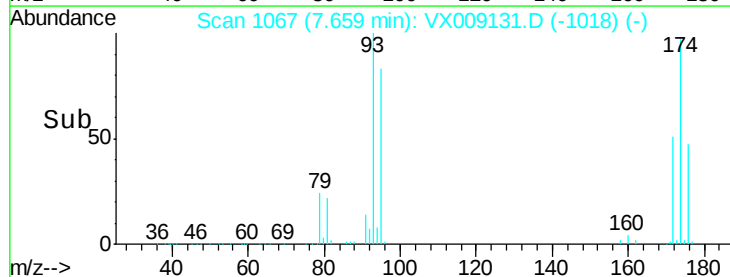
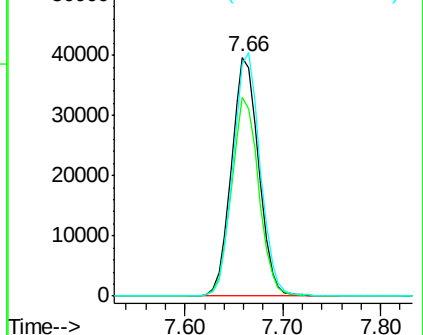
174 101.4 81.6 122.4

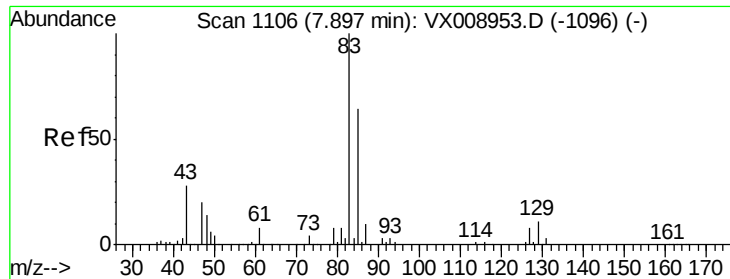


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.354 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

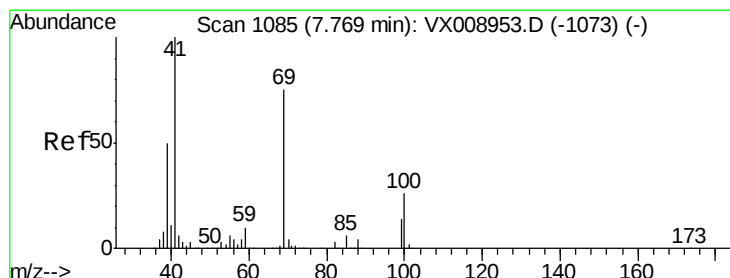
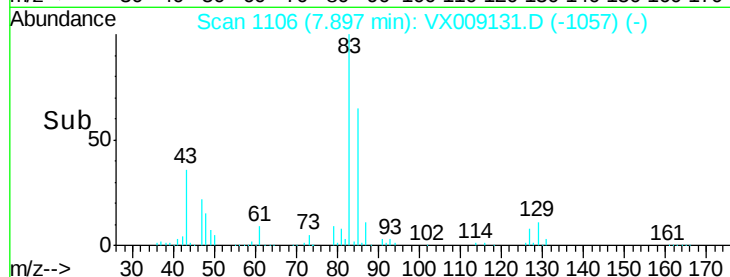
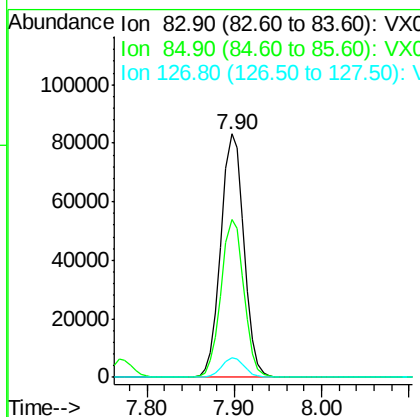
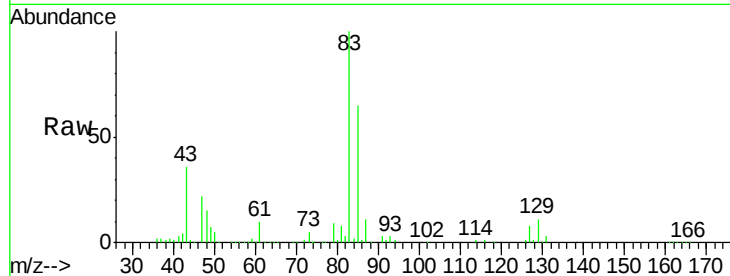
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	83	Resp:	151954
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.8	76.2
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.953 ug/l

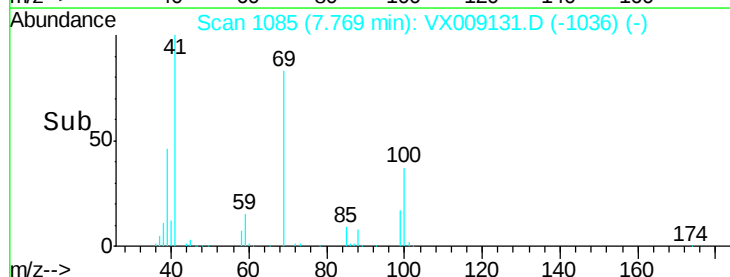
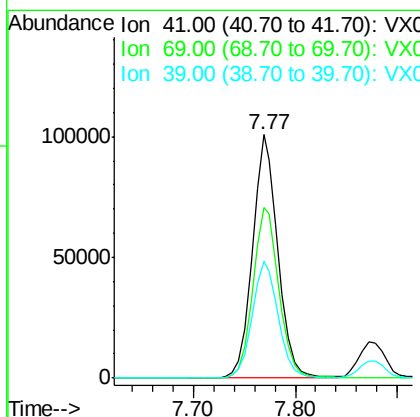
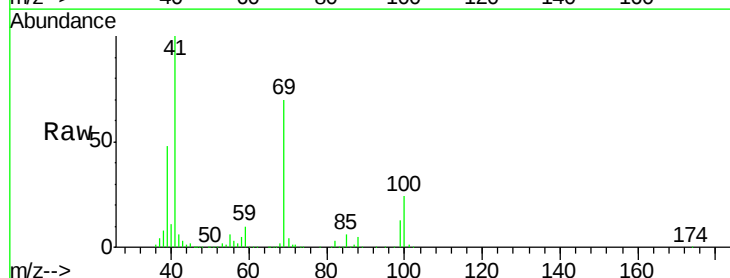
RT: 7.77 min Scan# 1085

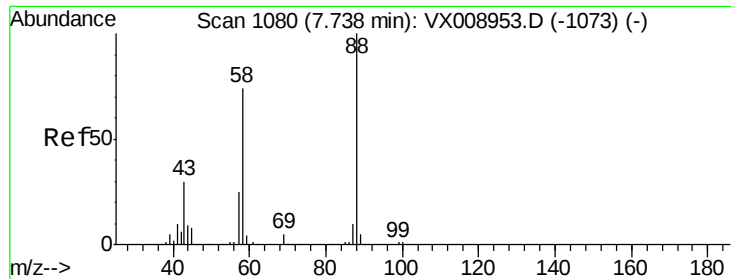
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	41	Resp:	174483
Ion	Ratio	Lower	Upper
41	100		
69	72.9	59.4	89.2
39	49.3	39.8	59.6





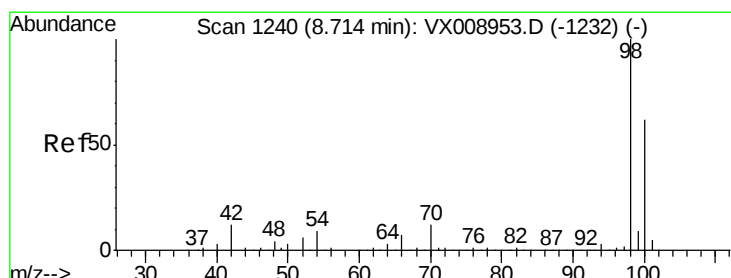
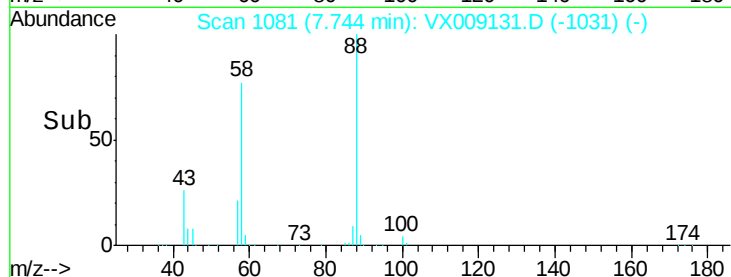
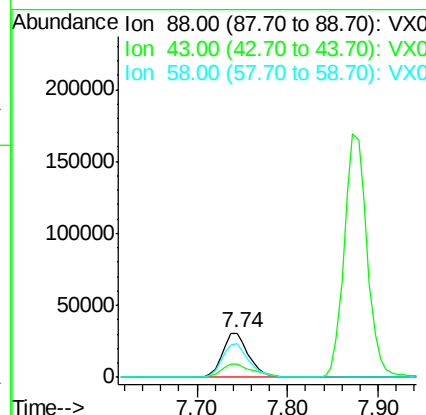
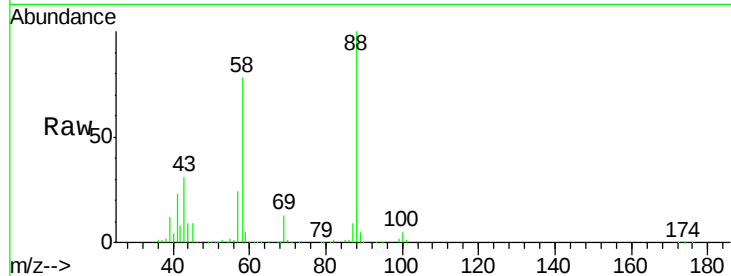
#49
1,4-Dioxane
Concen: 1096.571 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.3	43.9
58	78.9	62.6	93.8

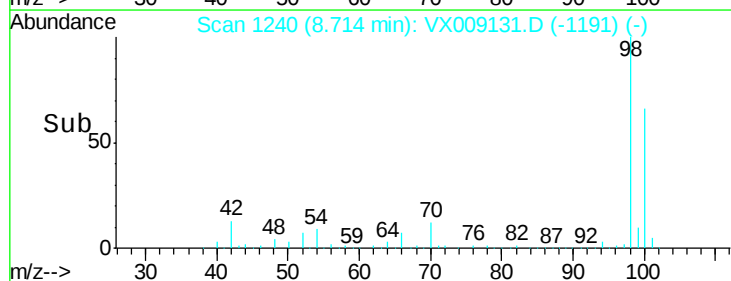
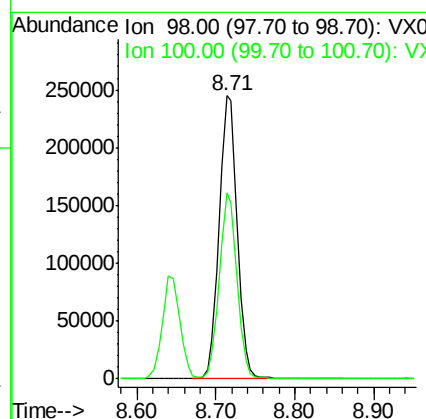
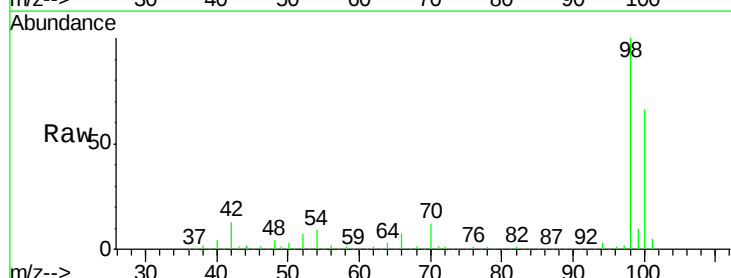
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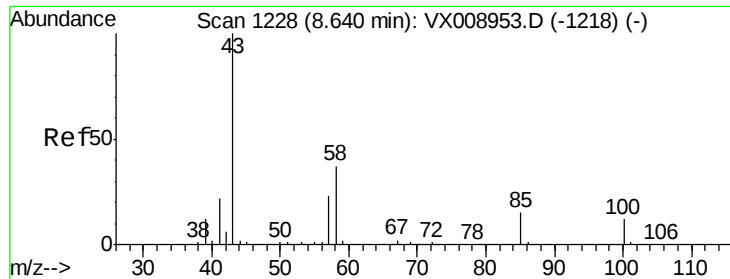
MMDadoda
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#50
Toluene-d8
Concen: 53.982 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2





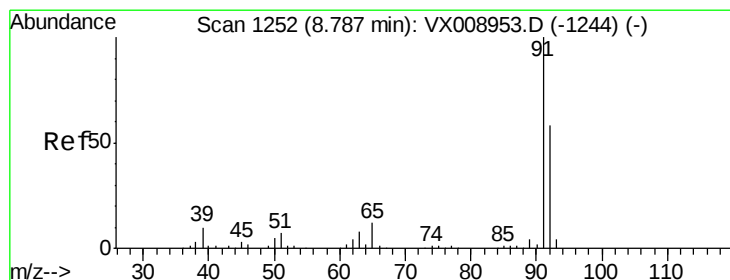
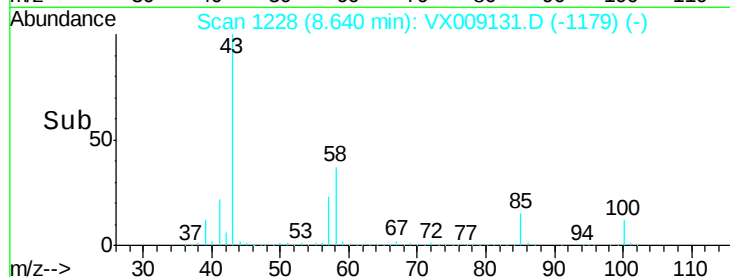
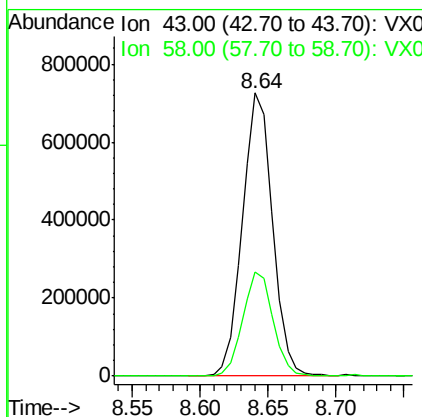
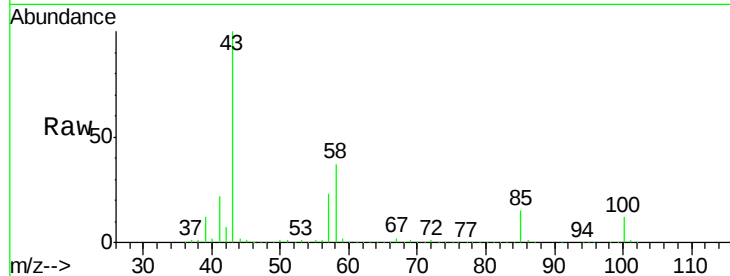
#51
4-Methyl-2-Pentanone
Concen: 289.971 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion: 43 Resp: 1125636
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6

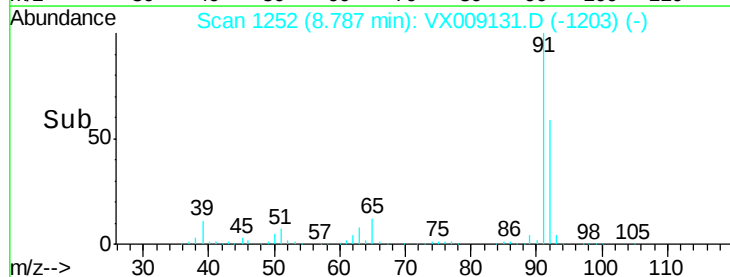
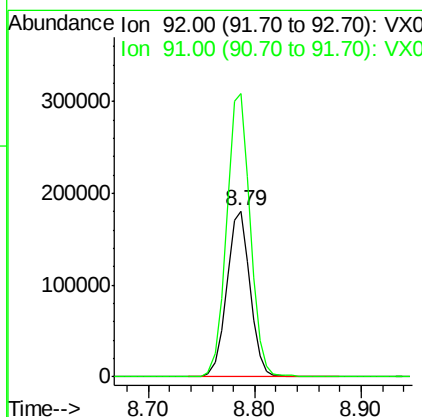
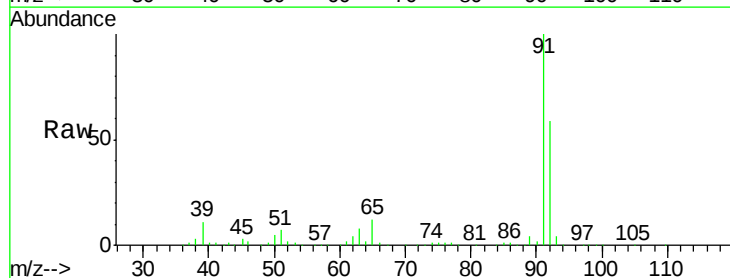
Manual Integrations
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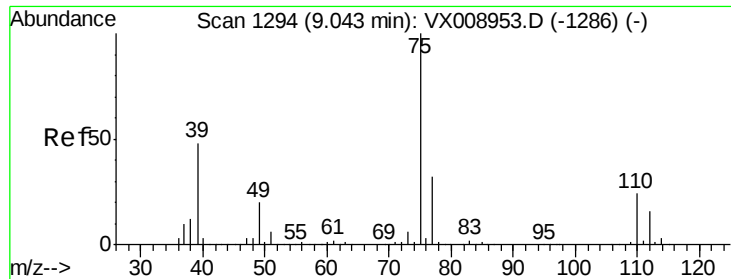
MMDadoda
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#52
Toluene
Concen: 53.637 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion: 92 Resp: 278658
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





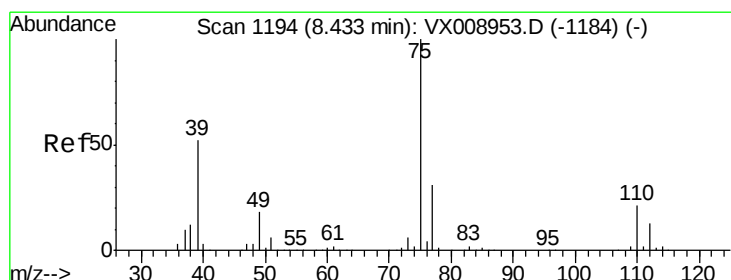
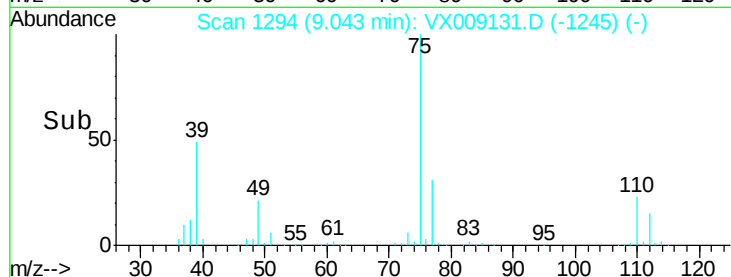
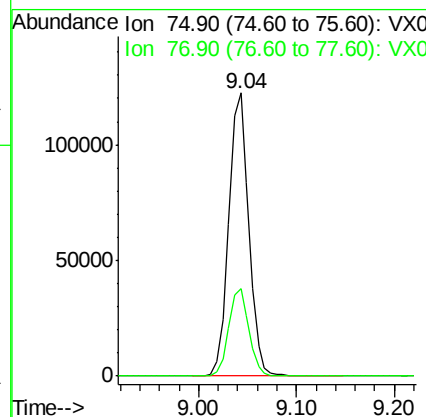
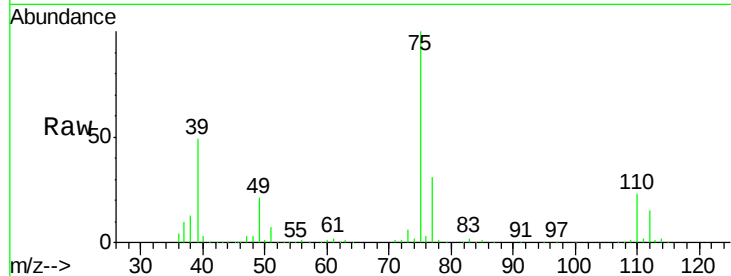
#53
t-1,3-Dichloropropene
Concen: 54.893 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion: 75 Resp: 173422
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

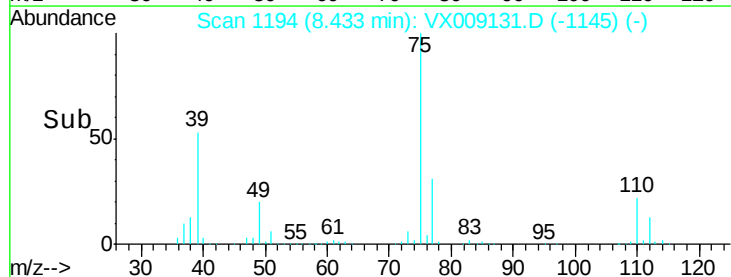
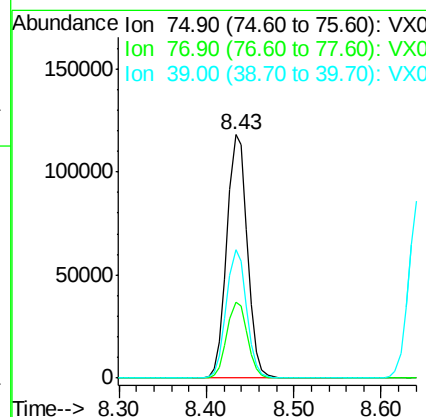
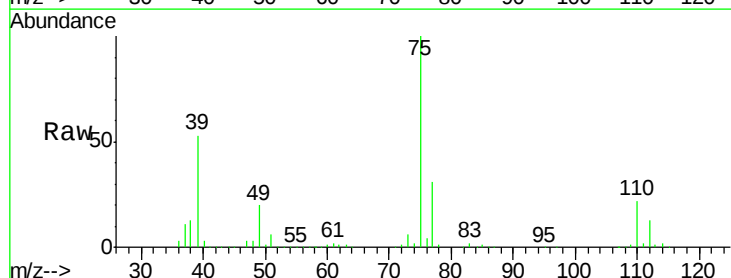
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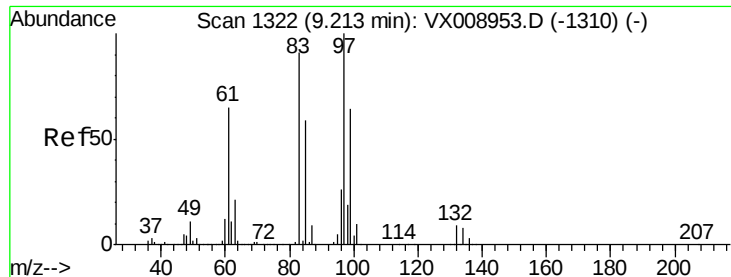
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#54
cis-1,3-Dichloropropene
Concen: 54.114 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion: 75 Resp: 191426
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 52.5 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 55.045 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

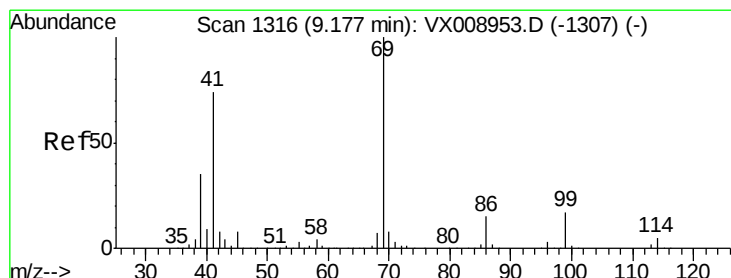
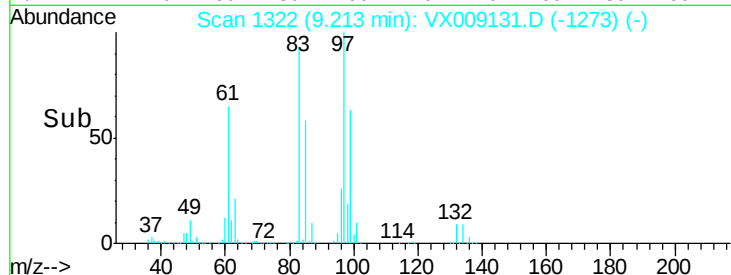
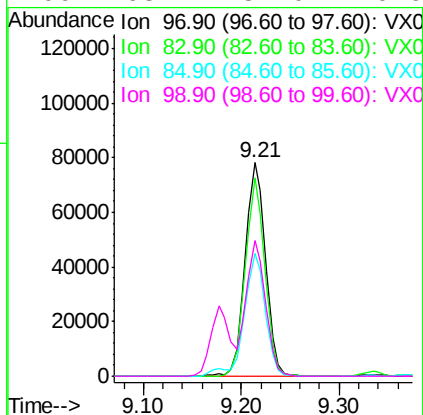
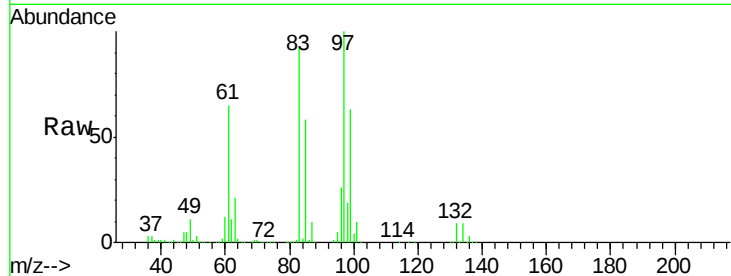
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	97	Resp:	113341
Ion	Ratio	Lower	Upper
97	100		
83	93.0	72.6	108.8
85	57.6	46.9	70.3
99	63.4	51.0	76.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 56.845 ug/l

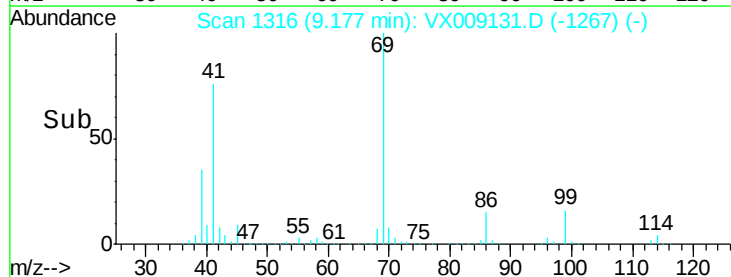
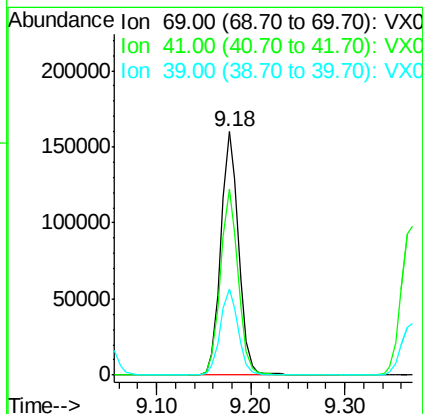
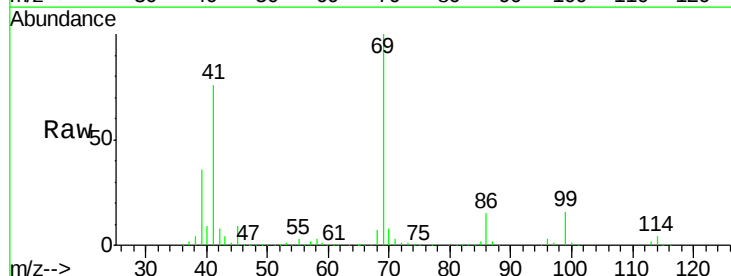
RT: 9.18 min Scan# 1316

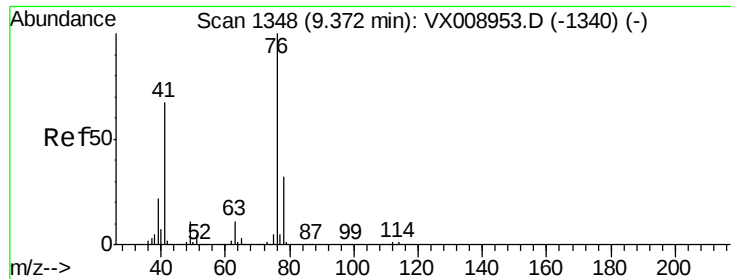
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	69	Resp:	209874
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.2	90.2
39	35.3	27.9	41.9





#57

1,3-Dichloropropane

Concen: 54.923 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 76 Resp: 201354

Ion Ratio Lower Upper

76 100

78 31.6

25.7

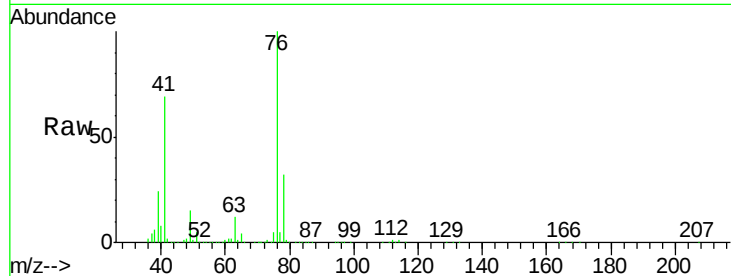
38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

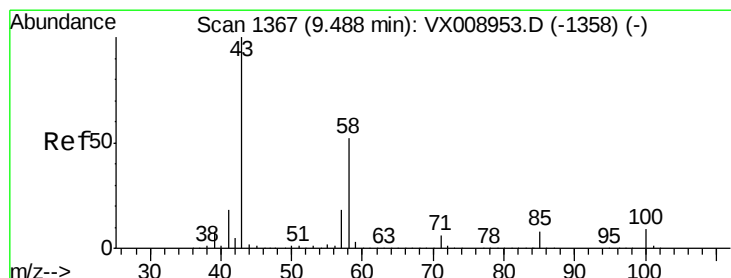
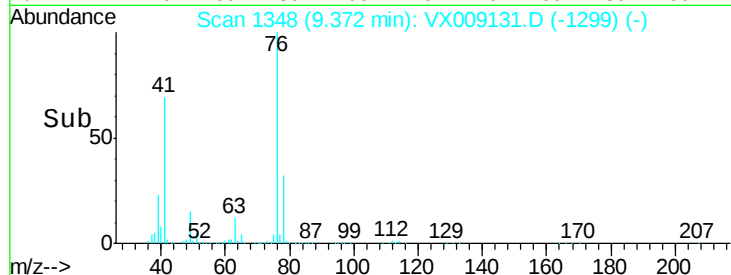
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 291.872 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion: 43 Resp: 873531

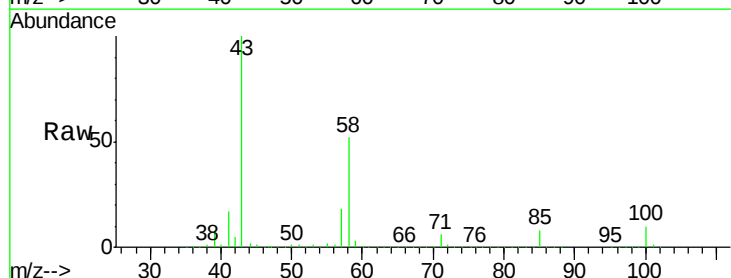
Ion Ratio Lower Upper

43 100

58 51.6

25.9

77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

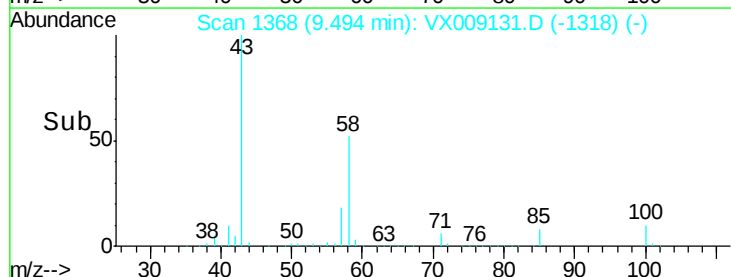
600000

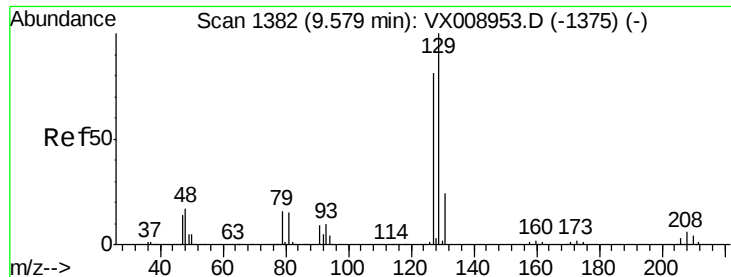
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 56.509 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion:129 Resp: 111516

Ion Ratio Lower Upper

129 100

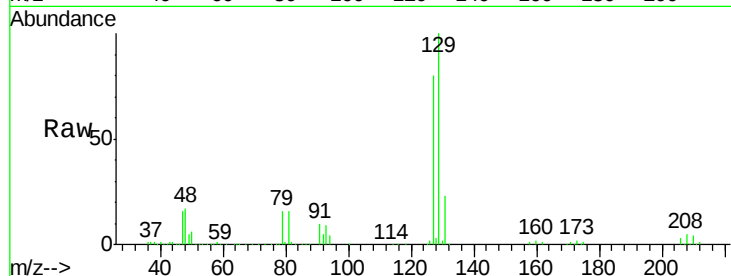
127 78.5 39.1 117.2

Manual Integrations

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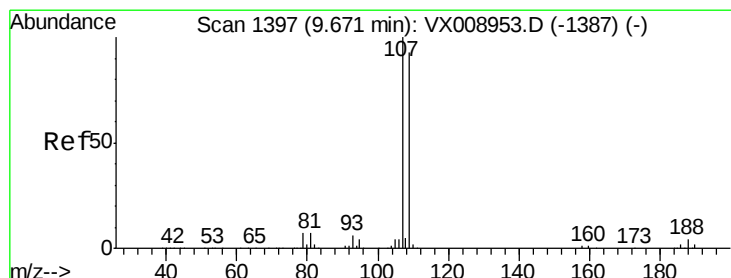
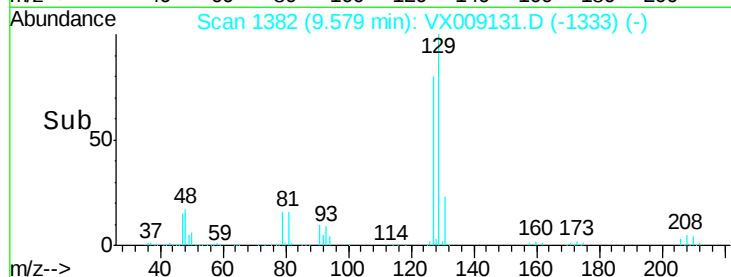
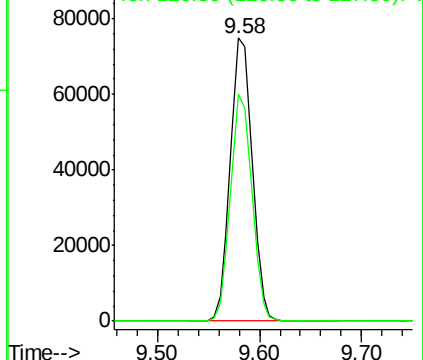
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.096 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009131.D

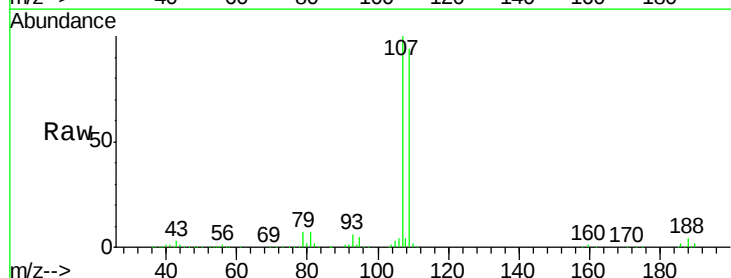
Acq: 23 Apr 2019 19:10

Tgt Ion:107 Resp: 117085

Ion Ratio Lower Upper

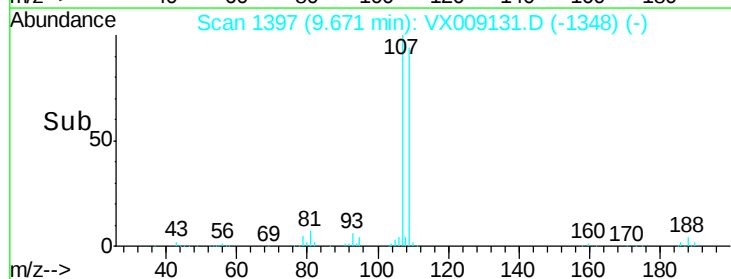
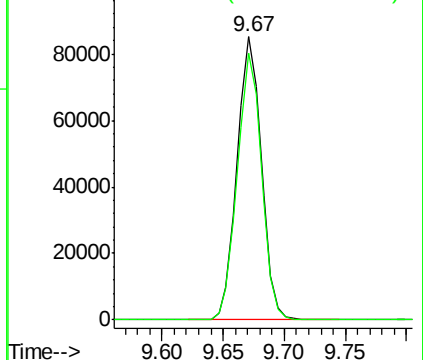
107 100

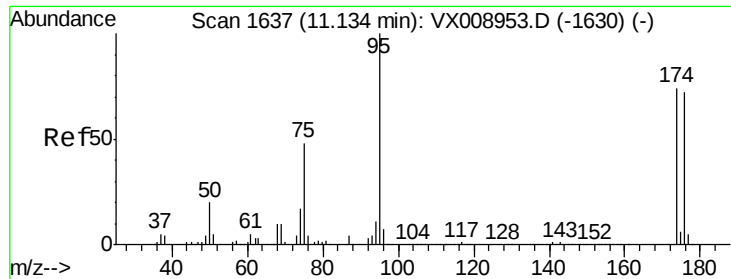
109 94.0 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 54.773 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

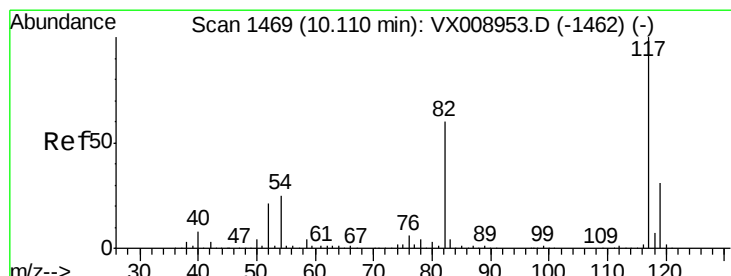
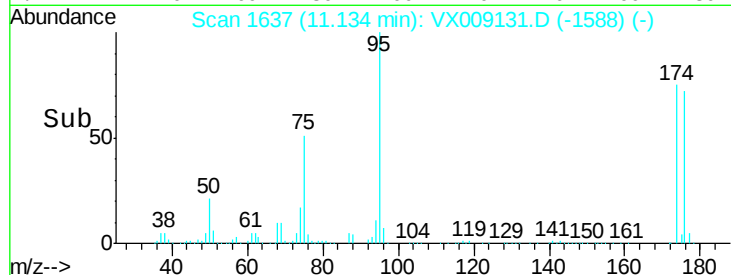
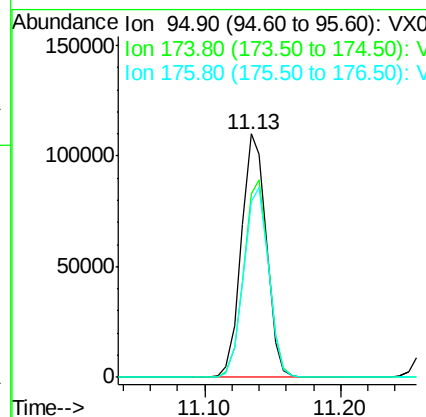
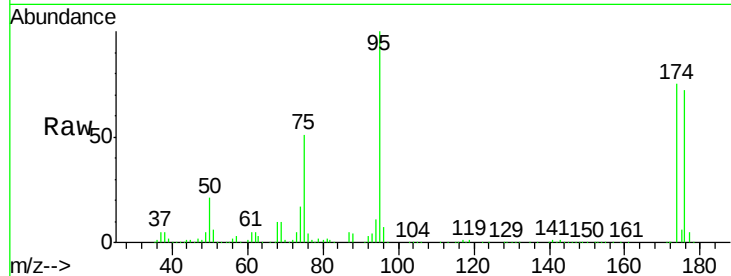
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	95	Resp:	140604
Ion Ratio	Lower	Upper	
95	100		
174	80.9	0.0	159.6
176	78.0	0.0	154.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

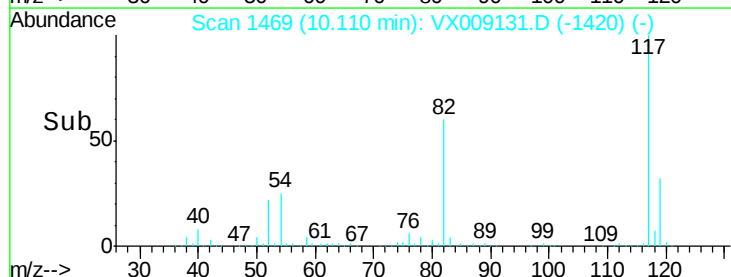
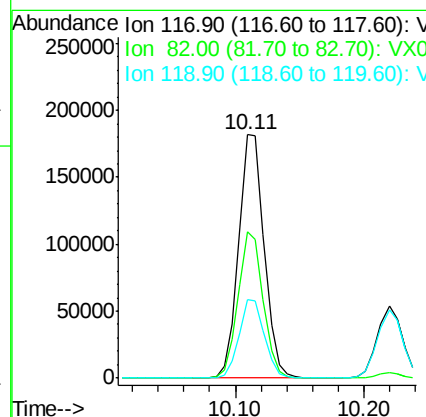
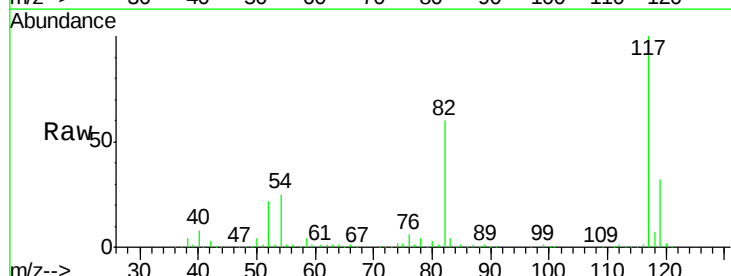
RT: 10.11 min Scan# 1469

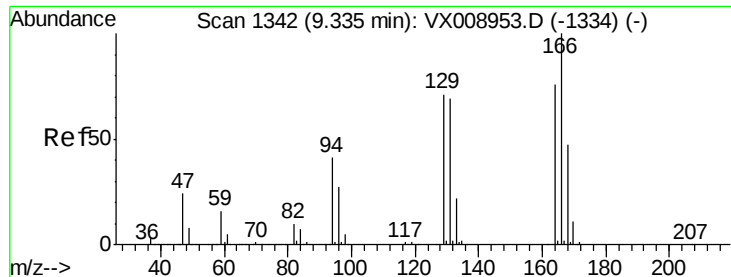
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	117	Resp:	252192
Ion Ratio	Lower	Upper	
117	100		
82	60.3	48.2	72.4
119	32.0	25.0	37.6





#64

Tetrachloroethene

Concen: 47.256 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion:164 Resp: 90536

Ion Ratio Lower Upper

164 100

166 127.9 105.0 157.4

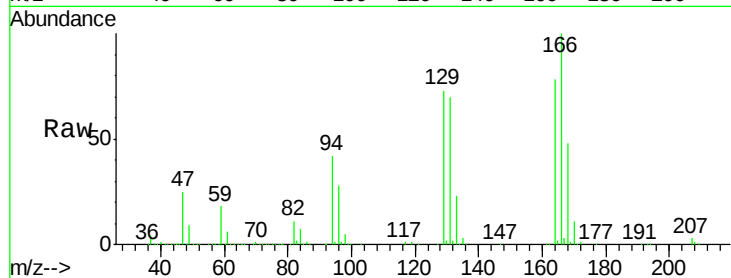
129 93.9 74.2 111.4

131 89.5 72.2 108.2

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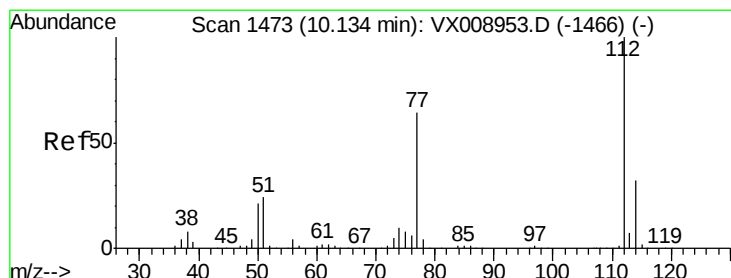
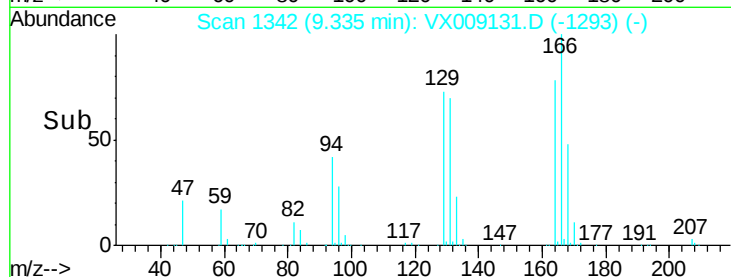
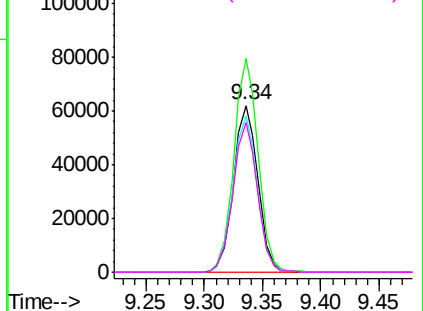


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.898 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009131.D

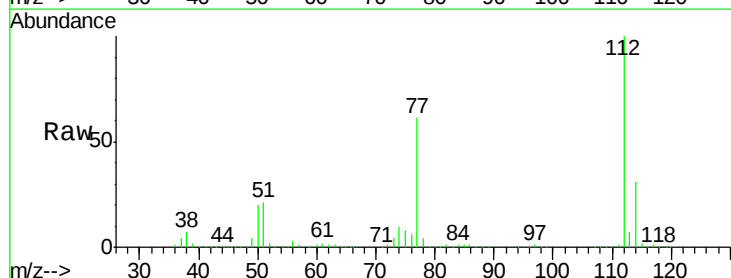
Acq: 23 Apr 2019 19:10

Tgt Ion:112 Resp: 281582

Ion Ratio Lower Upper

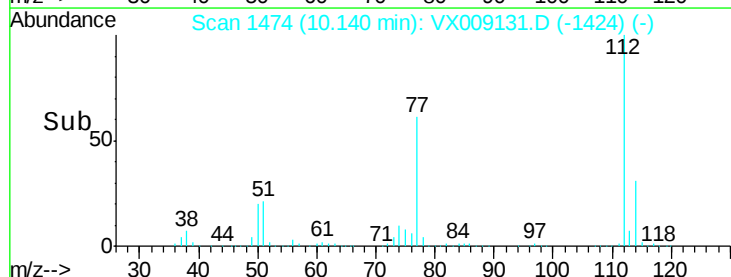
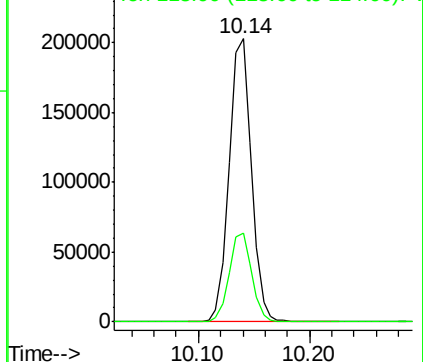
112 100

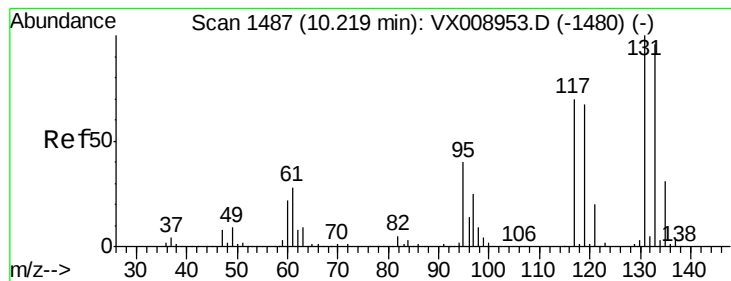
114 31.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 55.260 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

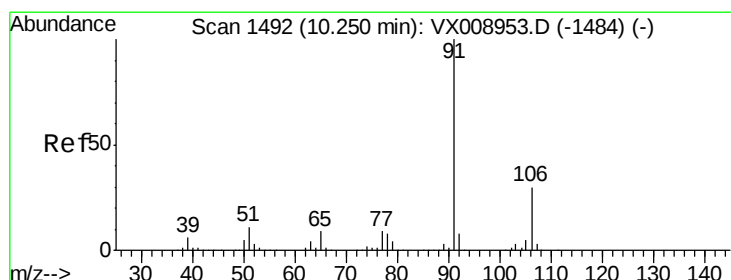
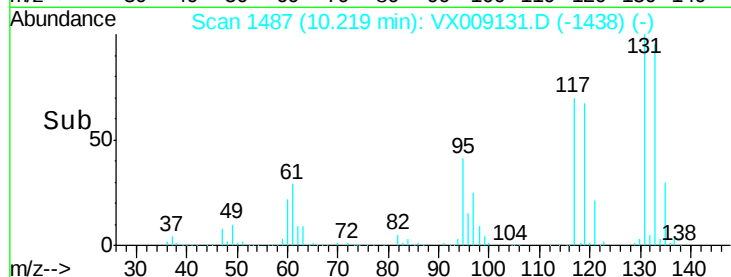
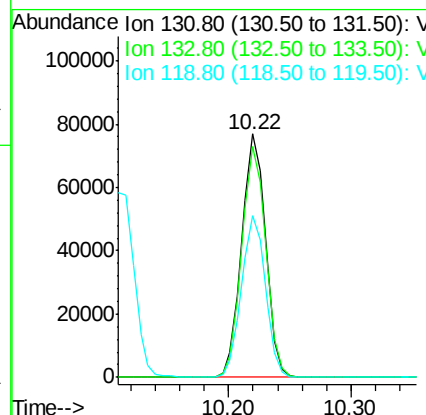
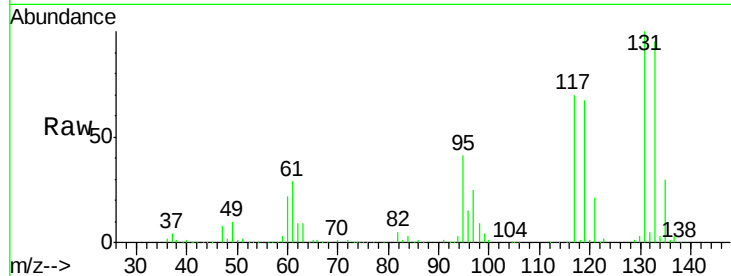
ClientSampleId :

SS042MW024-190422MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	103626		
133	95.4	48.0	144.2	
119	66.9	33.7	101.1	

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#67

Ethyl Benzene

Concen: 53.898 ug/l

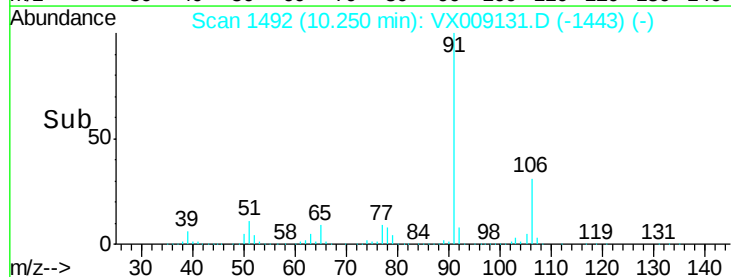
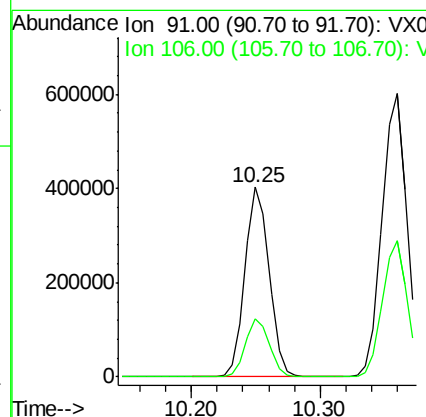
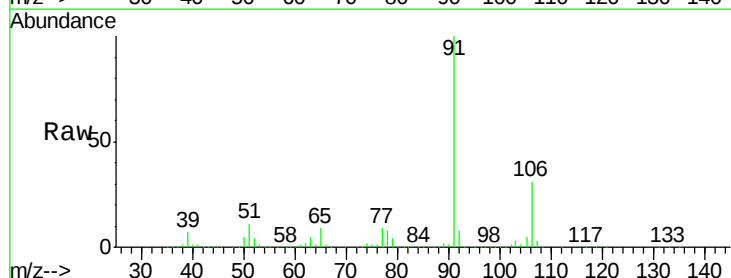
RT: 10.25 min Scan# 1492

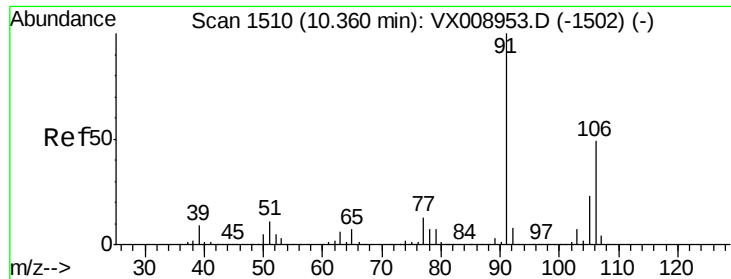
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	524470		
106	30.6	24.3	36.5	





#68

m/p-Xylenes

Concen: 108.359 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion:106 Resp: 383203

Ion Ratio Lower Upper

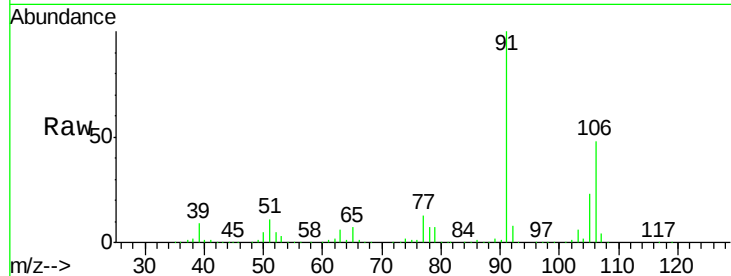
106 100

91 208.8 165.4 248.2

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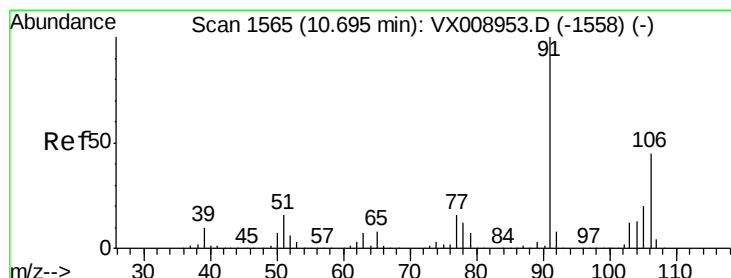
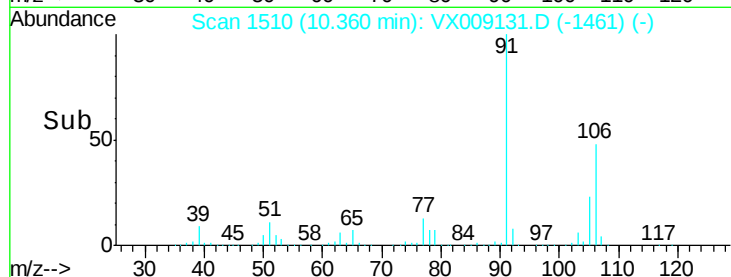
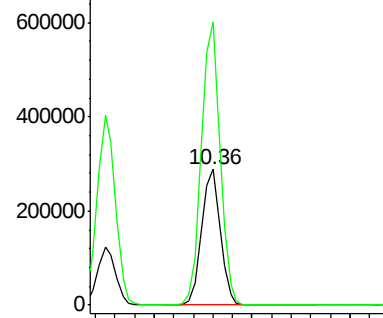
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 54.495 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX009131.D

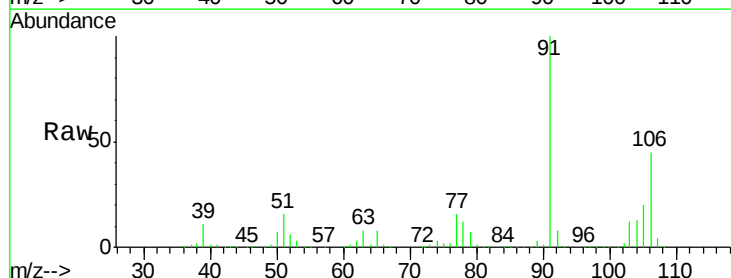
Acq: 23 Apr 2019 19:10

Tgt Ion:106 Resp: 187518

Ion Ratio Lower Upper

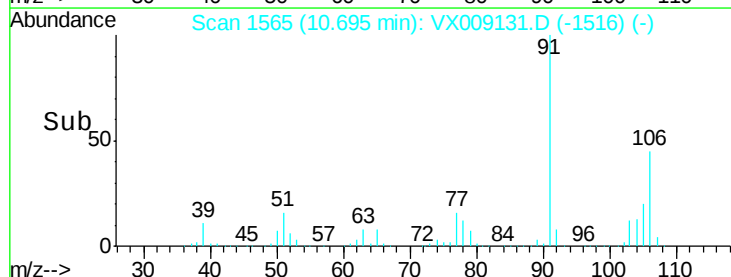
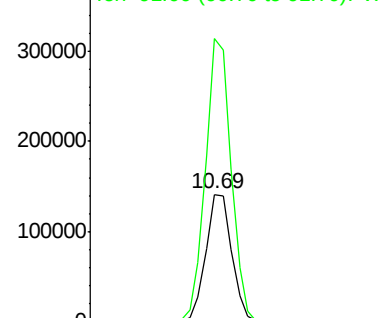
106 100

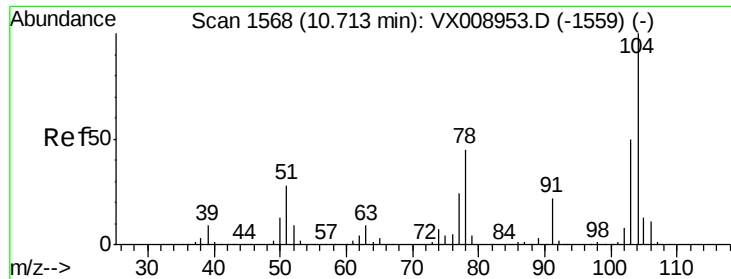
91 219.7 108.9 326.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





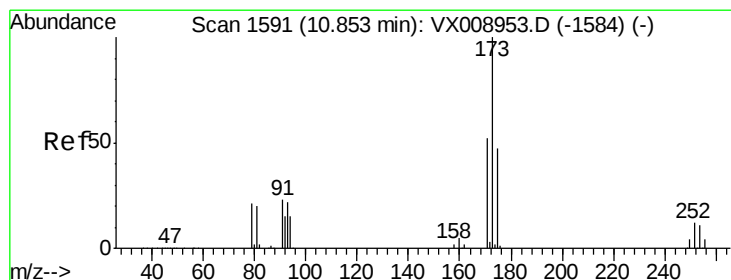
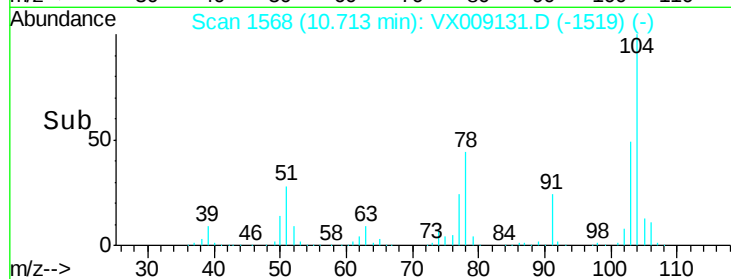
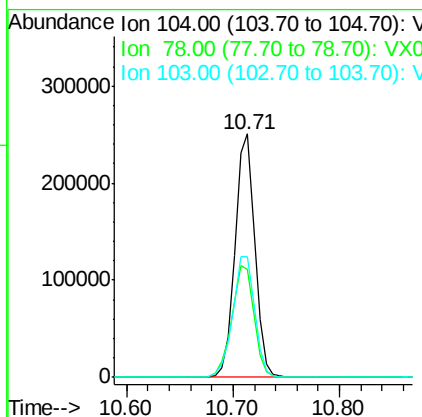
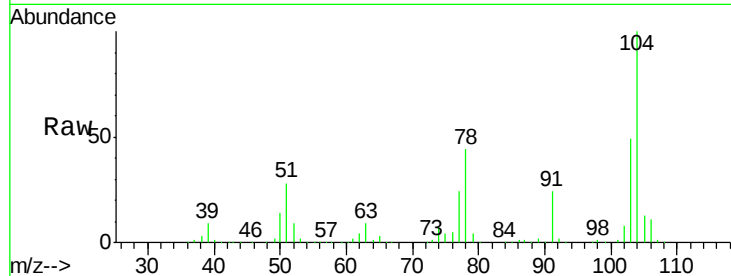
#70
Stvrene
Concen: 54.944 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	55.6	43.9	65.9

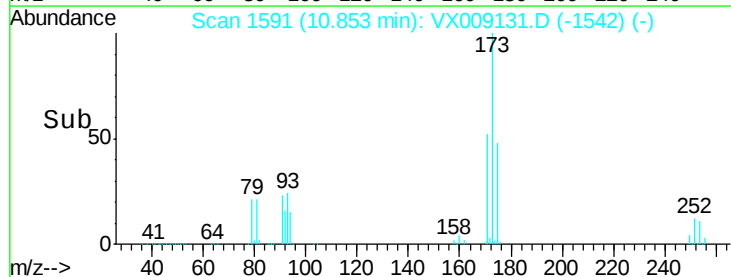
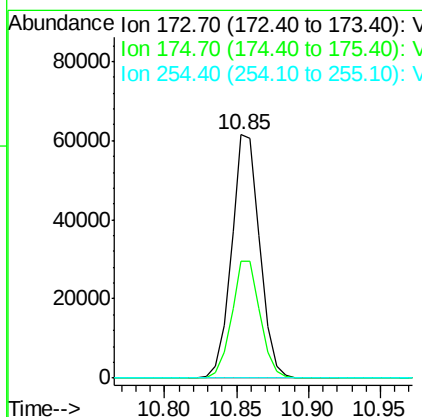
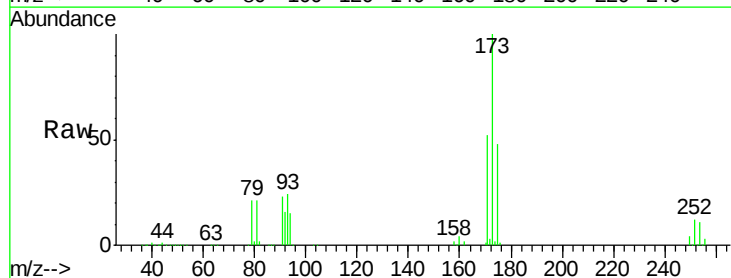
Manual Integrations
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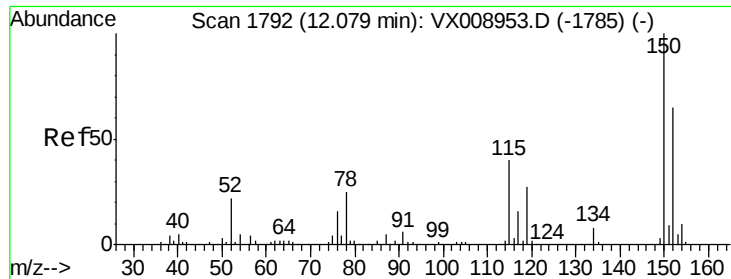
MMDadoda
4/24/2019 12:03:14 PM



#71
Bromoform
Concen: 56.031 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.8
254	0.2	0.2	0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

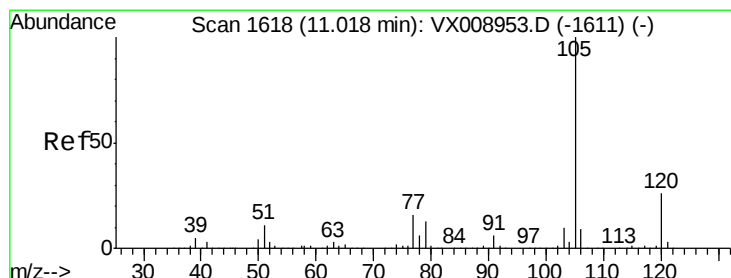
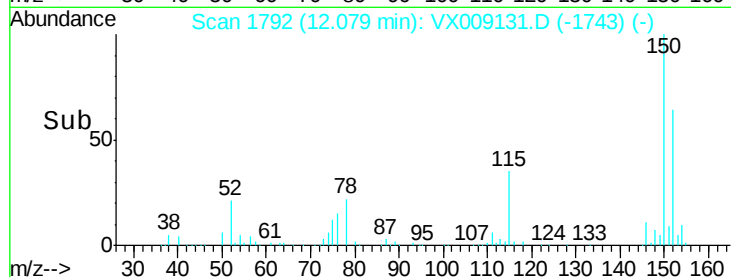
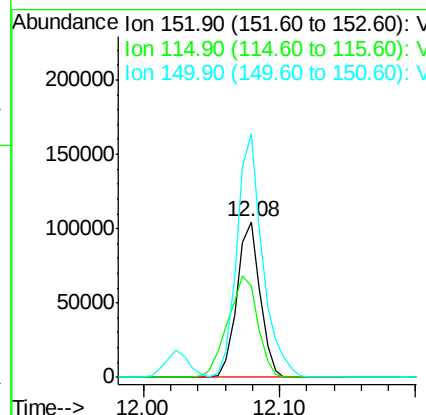
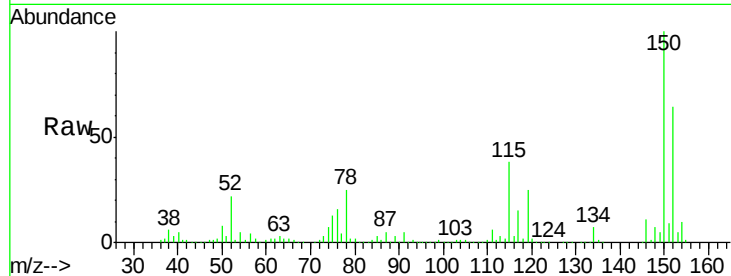
ClientSampleId :

SS042MW024-190422MSD

Tot Ion:	152	Resp:	123422
Ion Ratio	Lower	Upper	
152	100		
115	84.2	41.4	124.2
150	173.2	0.0	349.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 53.152 ug/l

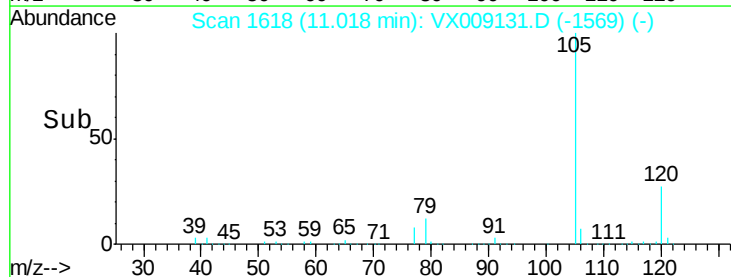
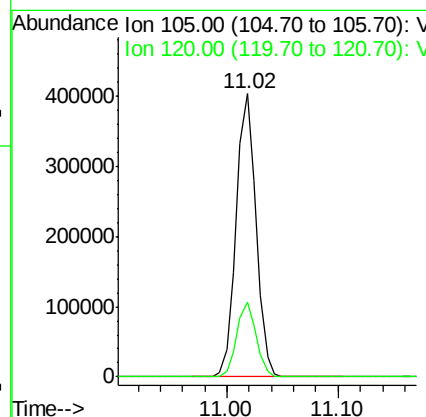
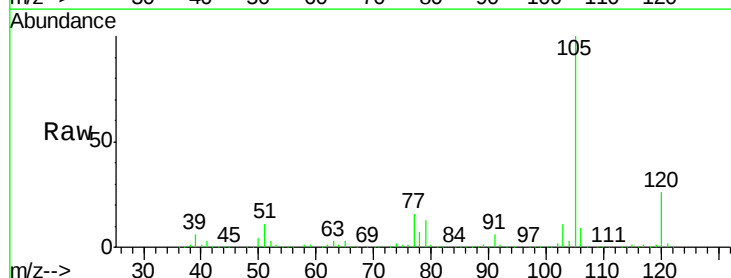
RT: 11.02 min Scan# 1618

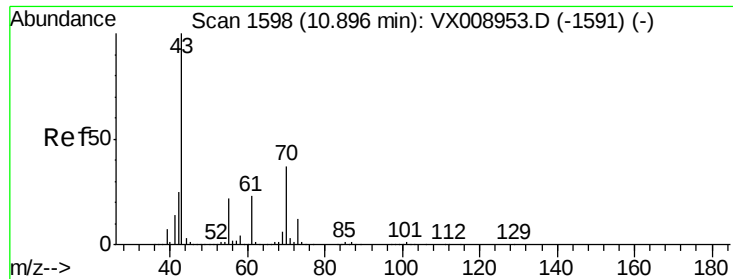
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion:	105	Resp:	497253
Ion Ratio	Lower	Upper	
105	100		
120	25.8	12.9	38.7





#74

N-amvl acetate

Concen: 55.633 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

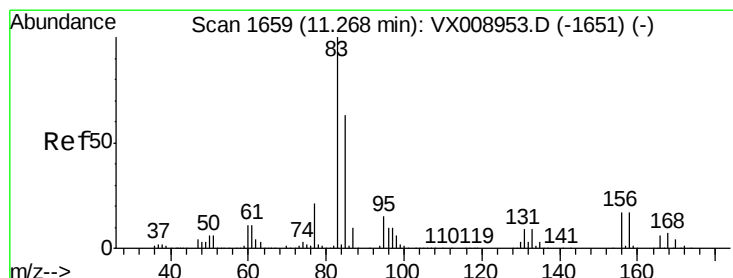
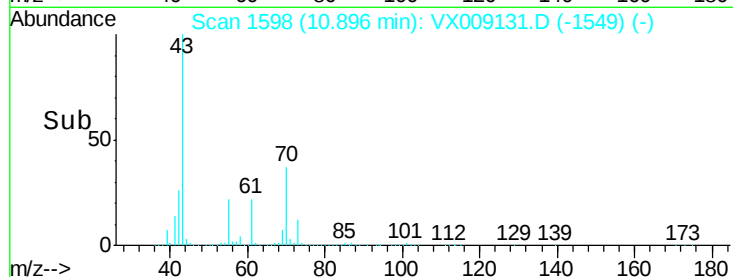
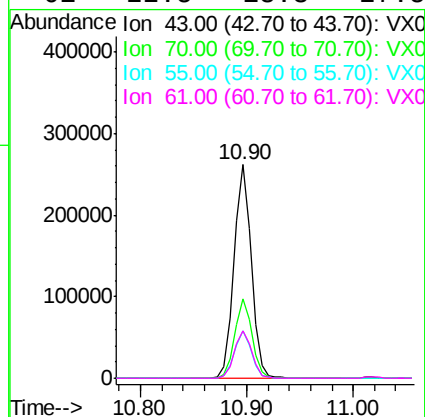
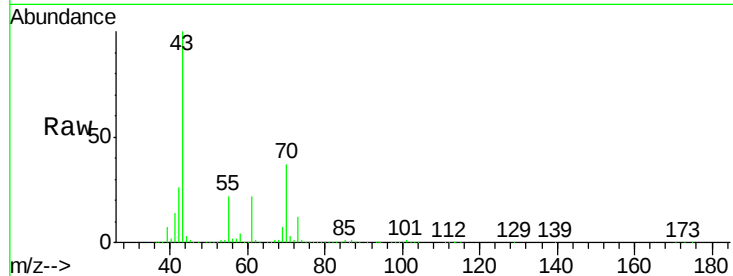
ClientSampleId :

SS042MW024-190422MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		298836		
70	37.2	29.9	44.9		
55	22.3	17.8	26.8		
61	22.5	18.3	27.5		

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#75

1,1,2,2-Tetrachloroethane

Concen: 55.158 ug/l

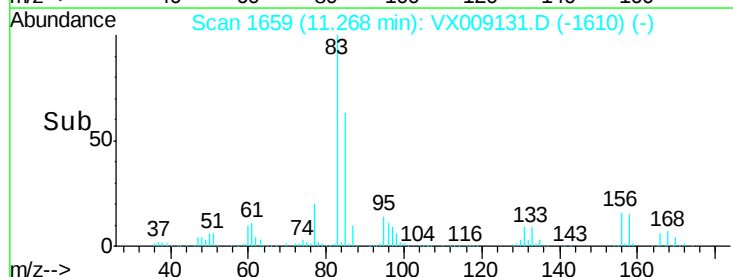
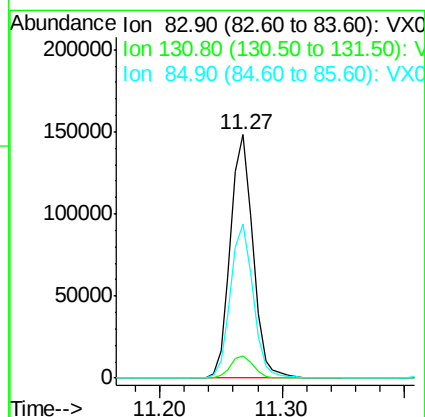
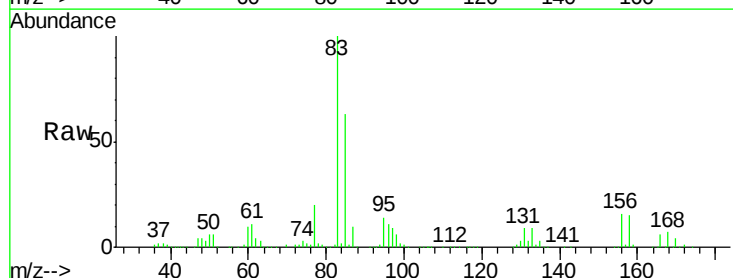
RT: 11.27 min Scan# 1659

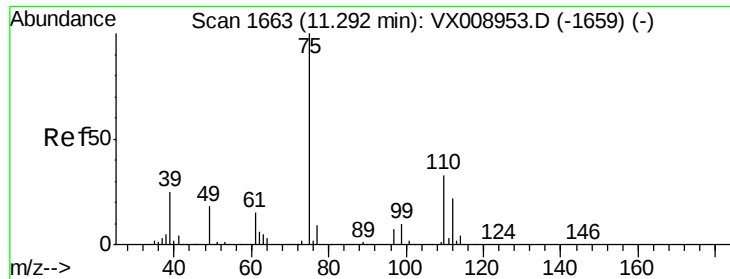
Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		188542		
131	9.4	4.7	14.0		
85	63.6	31.9	95.9		





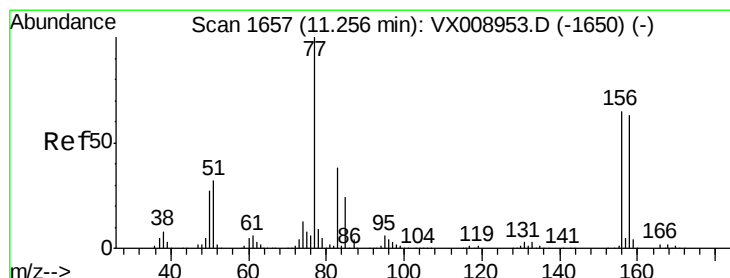
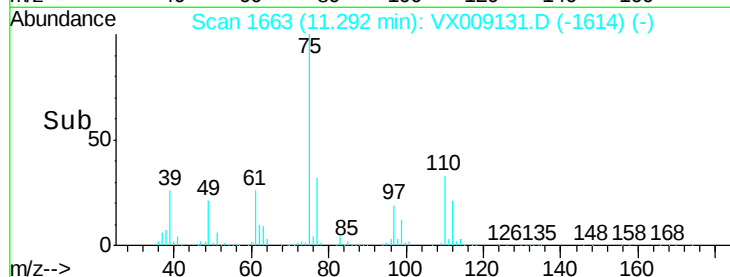
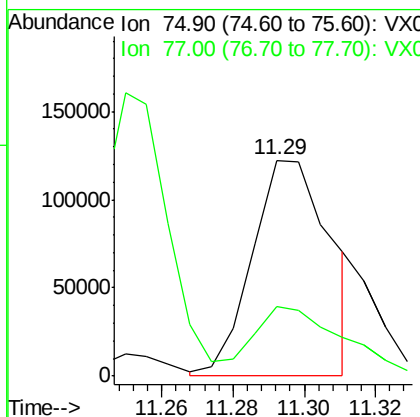
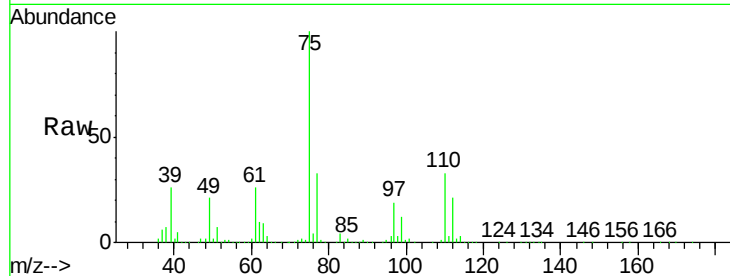
#76
 1,2,3-Trichloropropane
 Concen: 61.639 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Tot Ion: 75 Resp: 185762
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.7 68.0

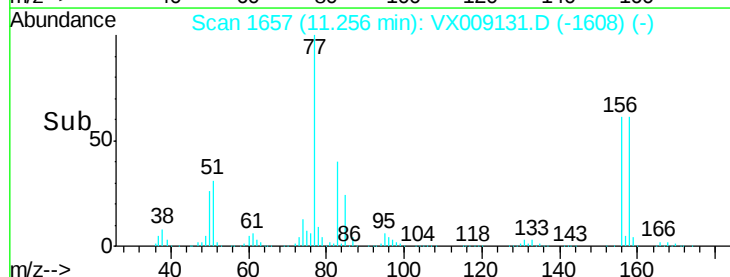
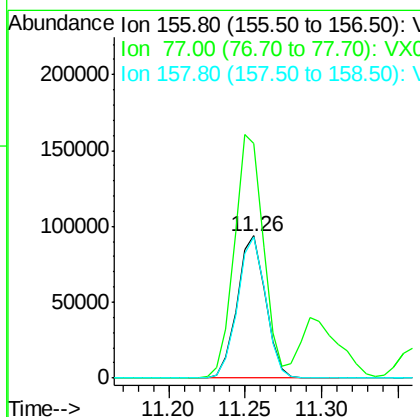
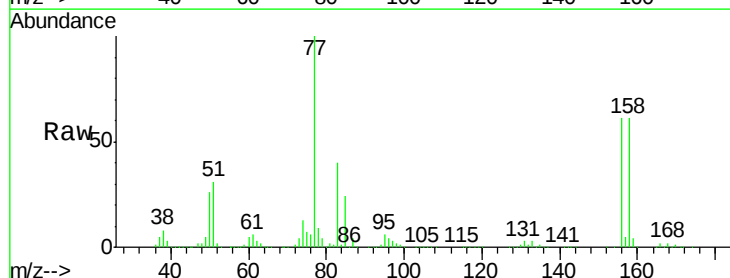
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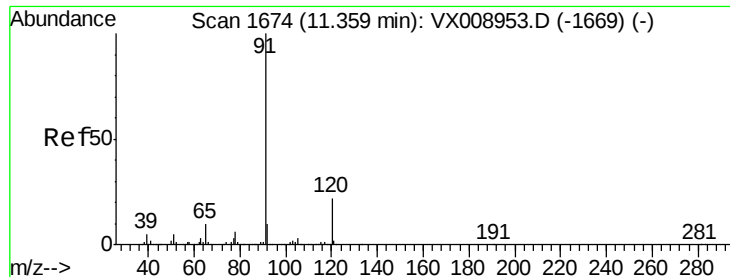
MMDadoda
 4/24/2019 12:03:14 PM



#77
 Bromobenzene
 Concen: 51.093 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Tgt Ion: 156 Resp: 120599
 Ion Ratio Lower Upper
 156 100
 77 174.6 85.4 256.1
 158 97.9 48.8 146.4





#78

n-propylbenzene

Concen: 53.506 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 91 Resp: 574527

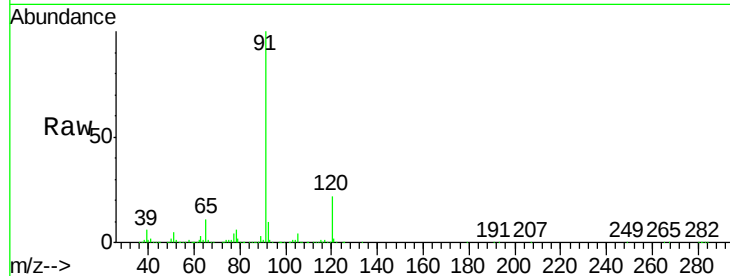
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

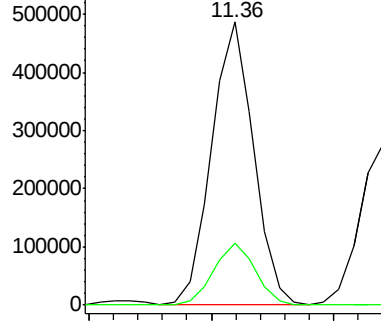
Manual Integrations
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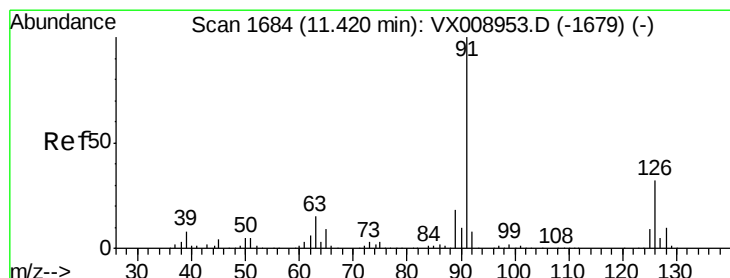
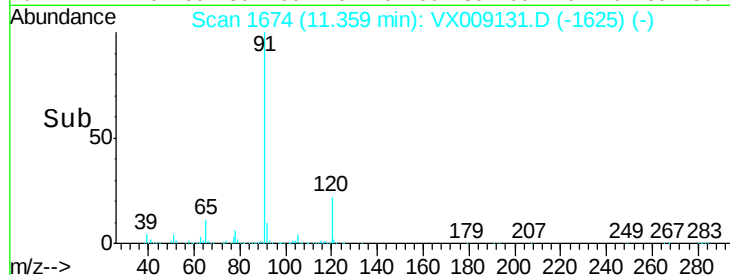


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 52.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009131.D

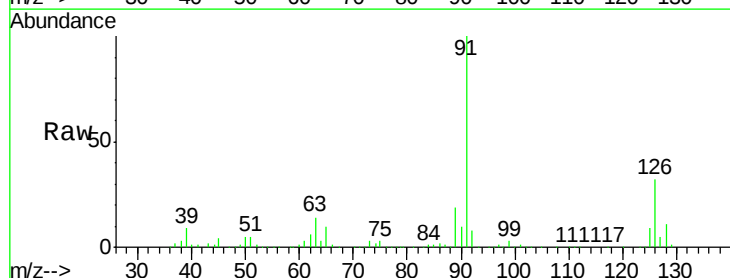
Acq: 23 Apr 2019 19:10

Tgt Ion: 91 Resp: 342134

Ion Ratio Lower Upper

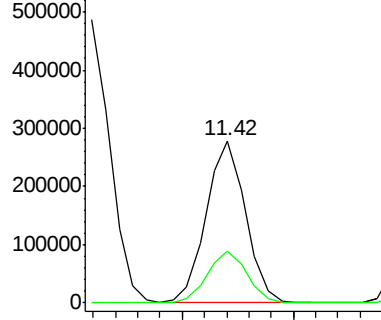
91 100

126 32.4 16.3 48.9

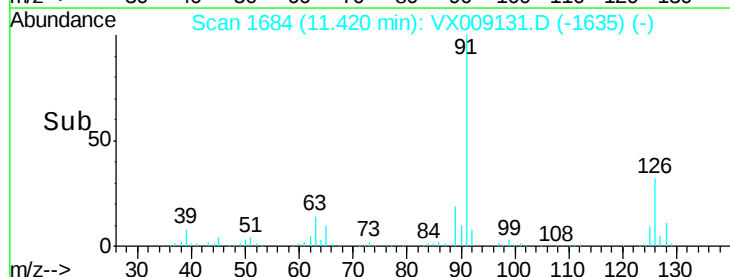


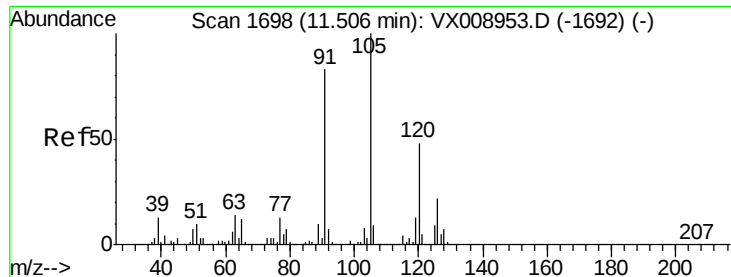
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





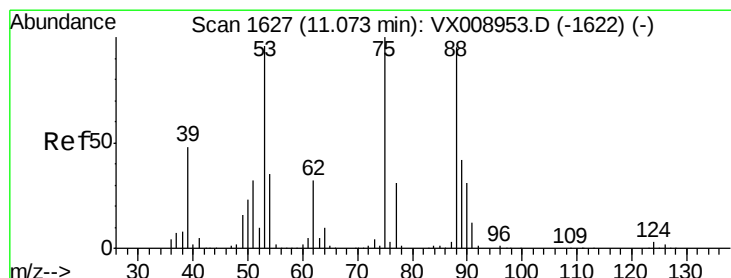
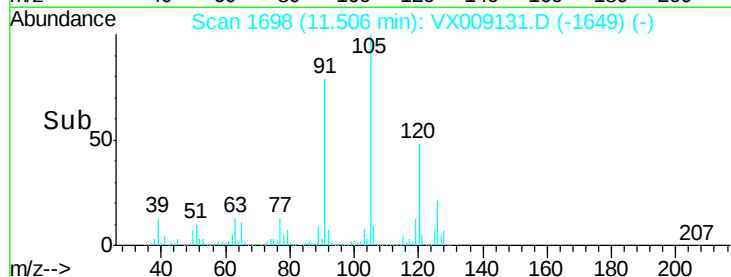
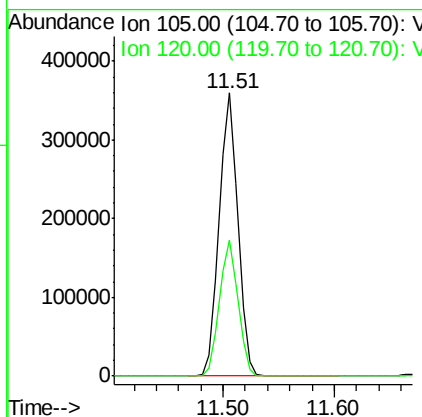
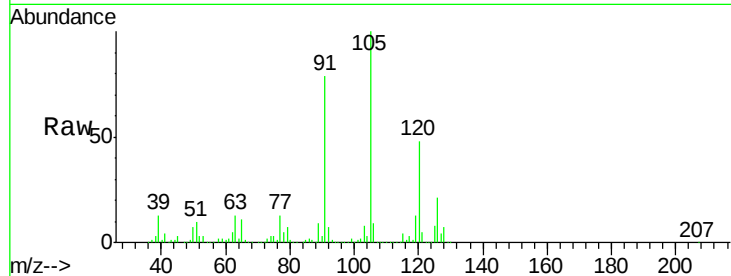
#80
 1,3,5-Trimethylbenzene
 Concen: 53.389 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Tot Ion: 105 Resp: 419131
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3

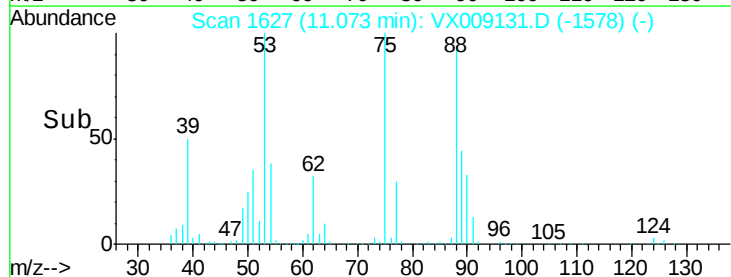
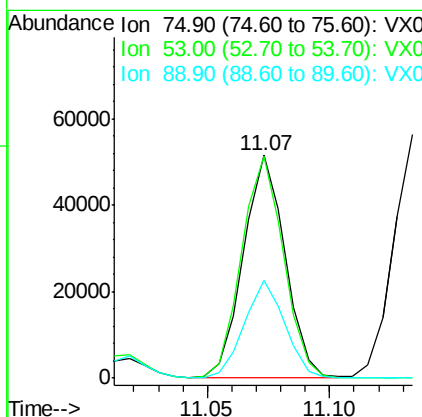
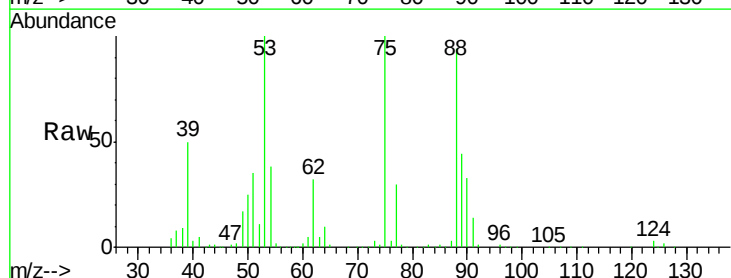
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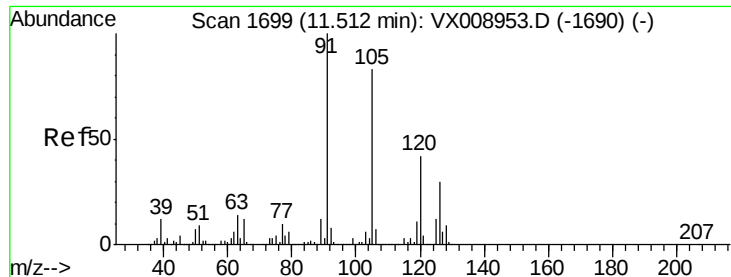
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.749 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Tgt Ion: 75 Resp: 60748
 Ion Ratio Lower Upper
 75 100
 53 100.5 78.2 117.4
 89 43.2 36.0 54.0





#82

4-Chlorotoluene

Concen: 52.582 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 91 Resp: 395144

Ion Ratio Lower Upper

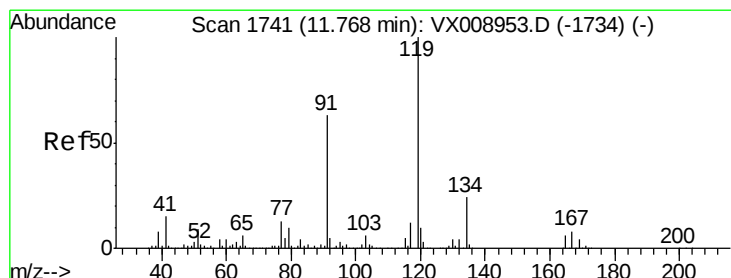
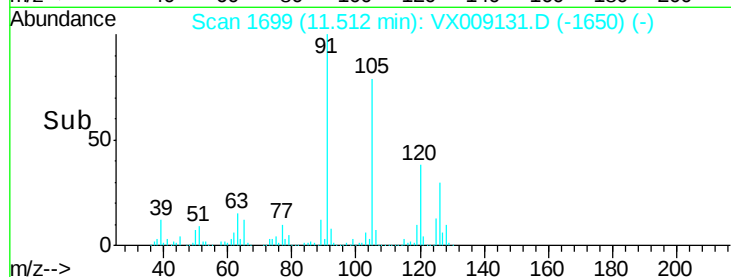
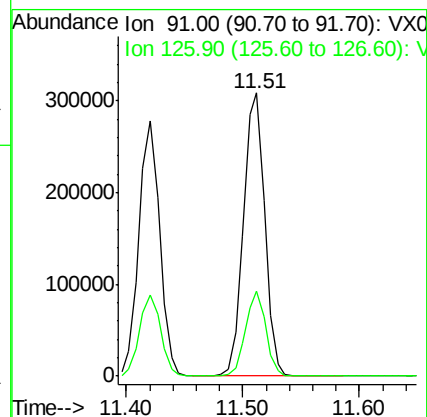
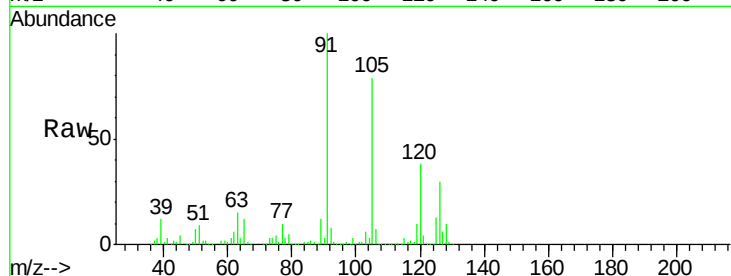
91 100

126 28.5 14.3 42.9

Manual Integrations
APPROVED

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#83

tert-Butylbenzene

Concen: 53.599 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

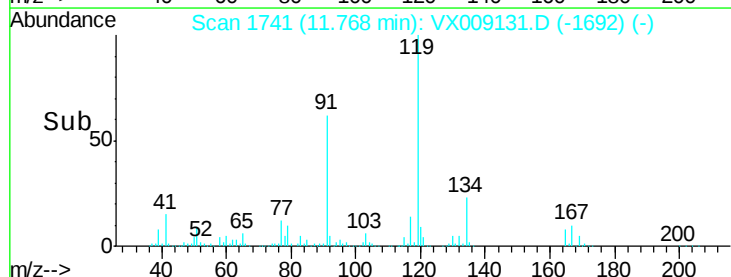
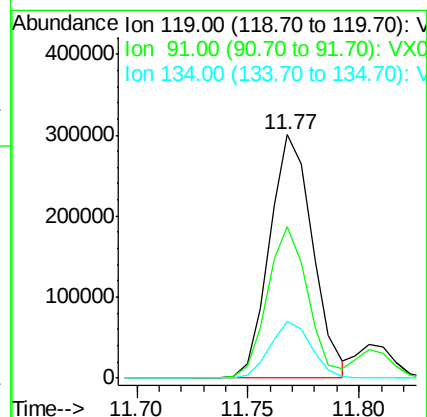
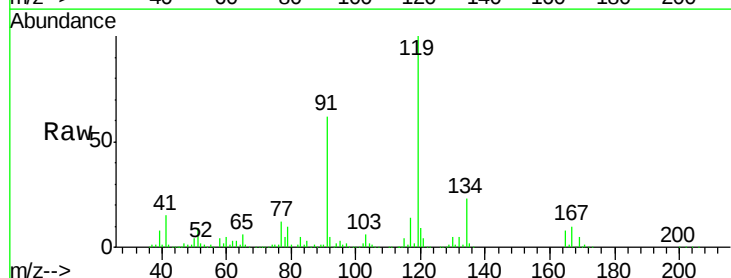
Tgt Ion: 119 Resp: 403985

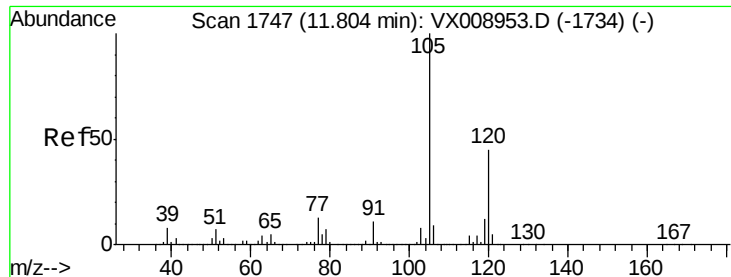
Ion Ratio Lower Upper

119 100

91 58.7 29.7 89.1

134 22.2 11.2 33.5





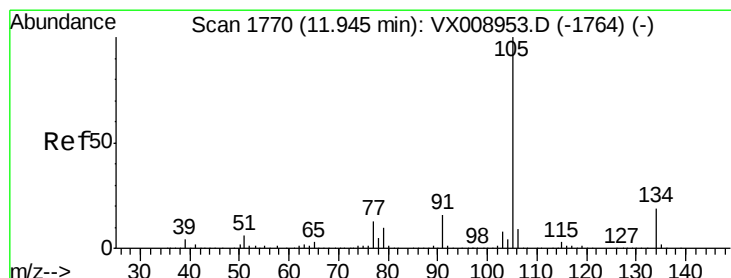
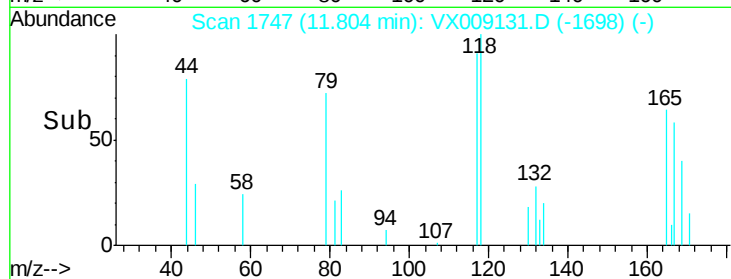
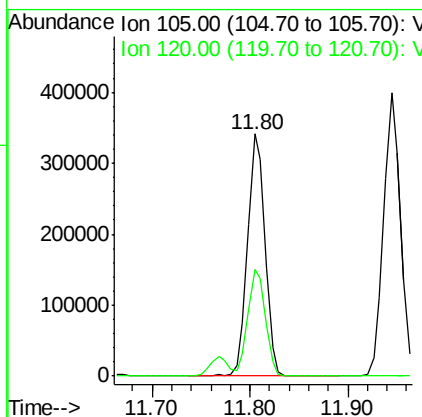
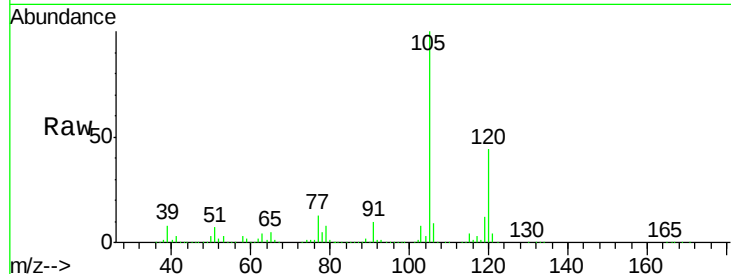
#84
 1,2,4-Trimethylbenzene
 Concen: 53.070 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Tot Ion:105 Resp: 424091
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.8

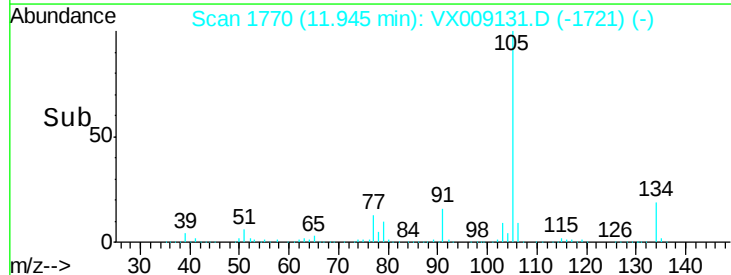
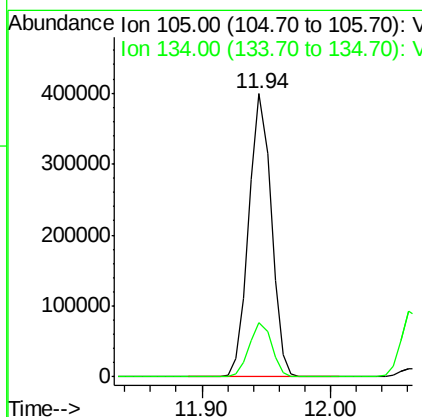
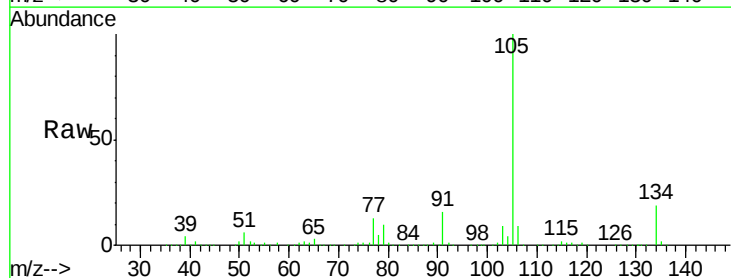
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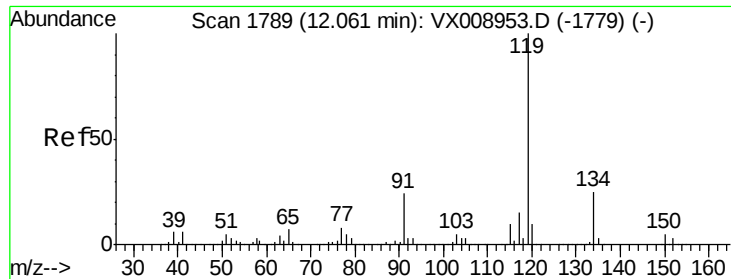
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#85
 sec-Butylbenzene
 Concen: 53.148 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Tgt Ion:105 Resp: 477765
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6





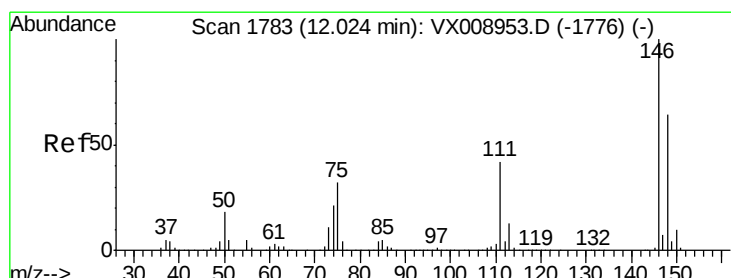
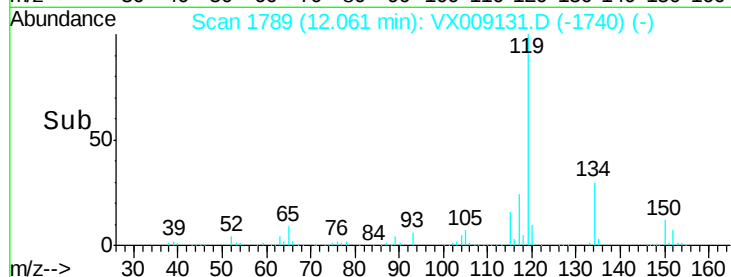
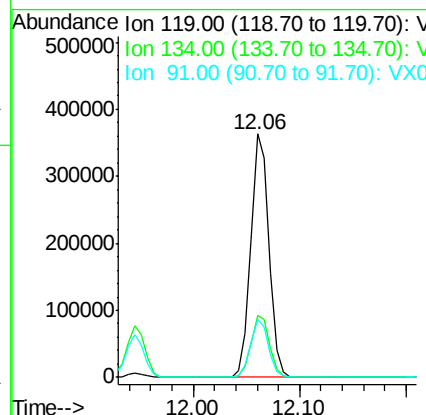
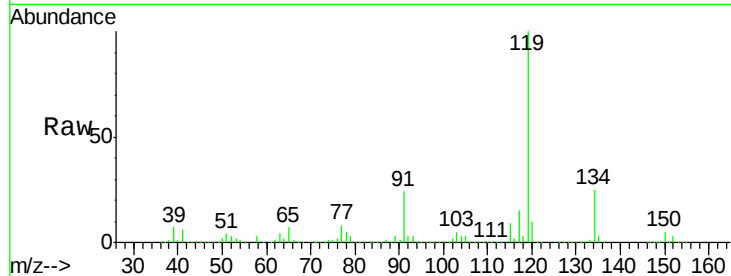
#86
p-Isopropyltoluene
Concen: 52.682 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	23.7	11.9	35.5

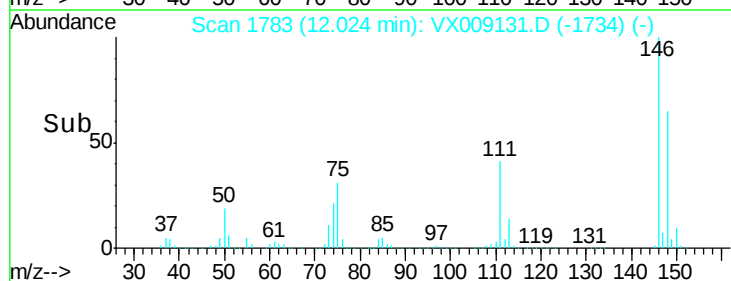
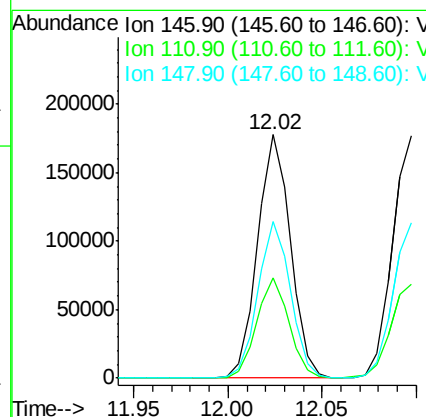
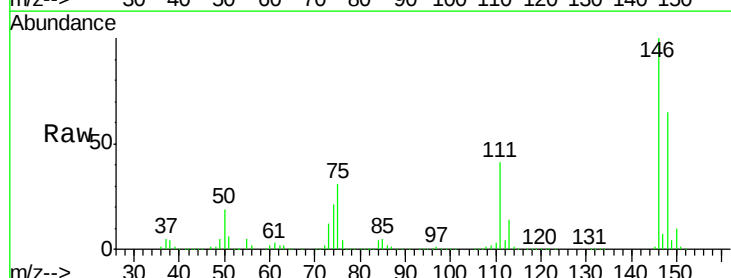
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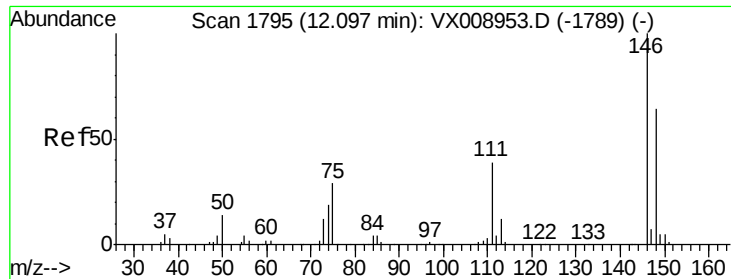
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#87
1,3-Dichlorobenzene
Concen: 51.972 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.6
148	64.1	32.2	96.6





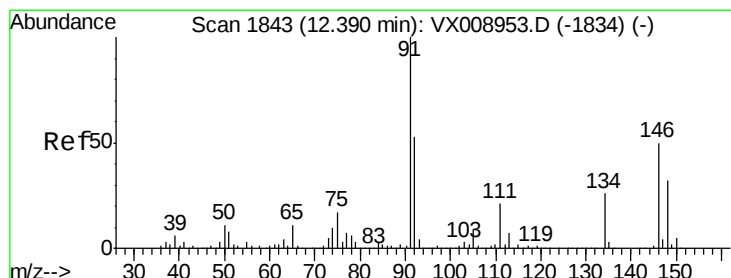
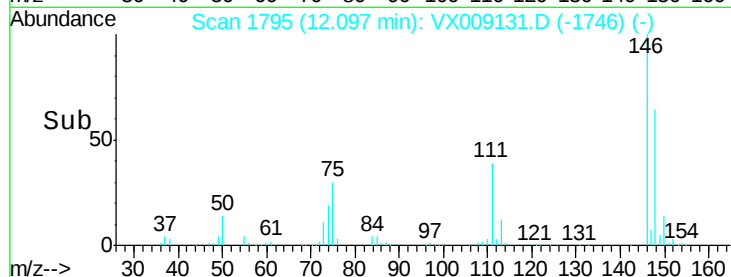
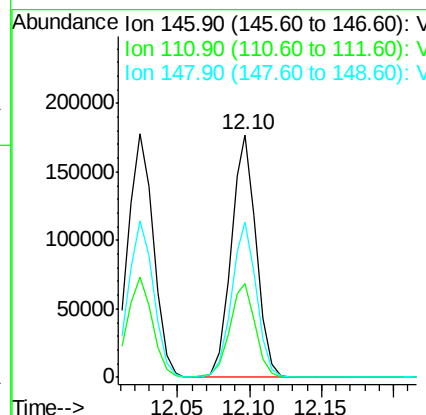
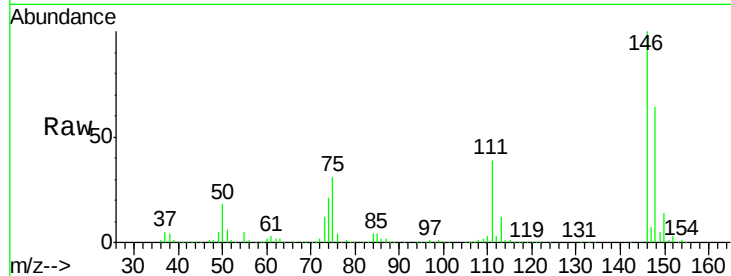
#88
 1,4-Dichlorobenzene
 Concen: 51.394 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	215232		
111	39.7	20.0	59.9	
148	63.6	32.2	96.6	

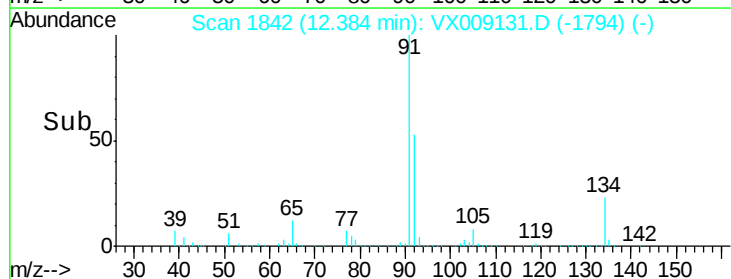
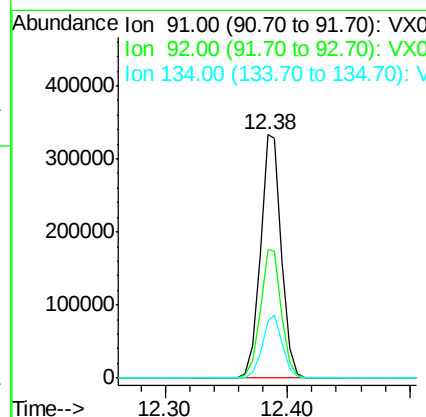
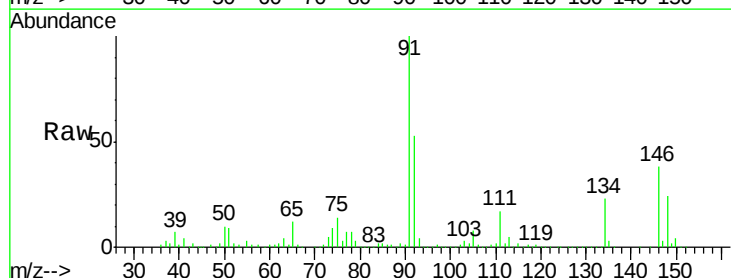
Manual Integrations
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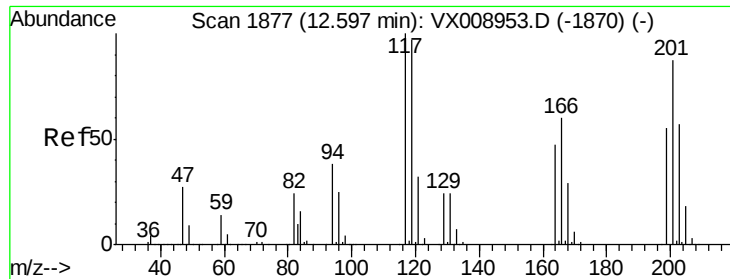
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 4/24/2019 12:03:14 PM



#89
 n-Butylbenzene
 Concen: 51.911 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	399552		
92	53.0	26.6	79.8	
134	24.8	12.4	37.2	





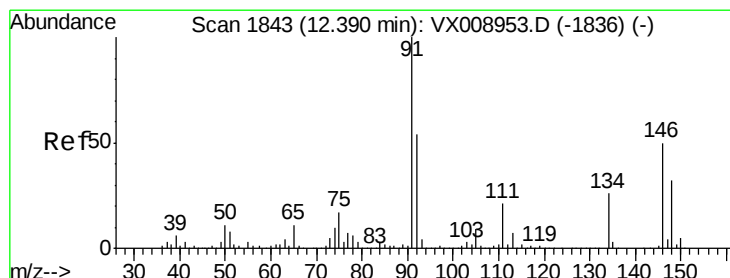
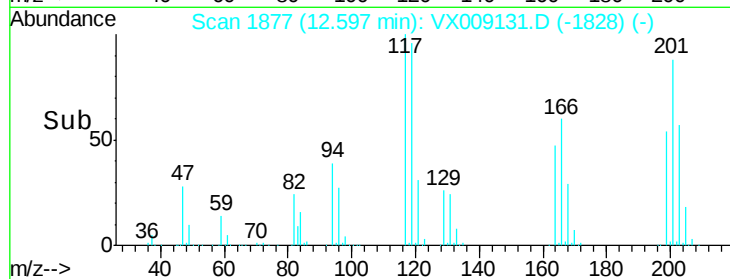
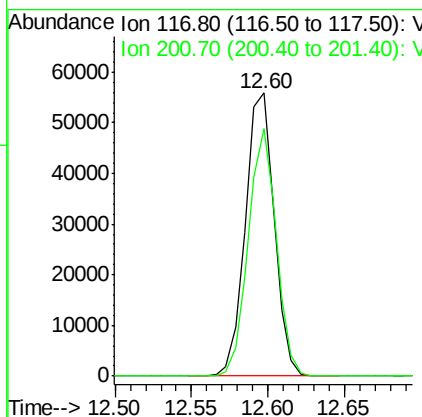
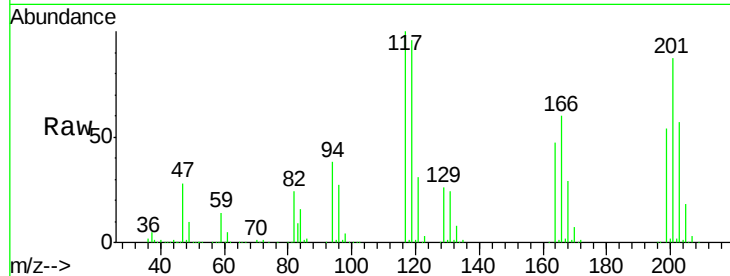
#90
Hexachloroethane
Concen: 53.758 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MSD

Tot Ion:117 Resp: 73287
Ion Ratio Lower Upper
117 100
201 84.7 43.0 129.0

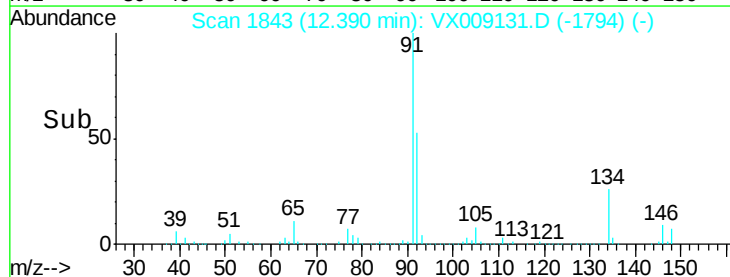
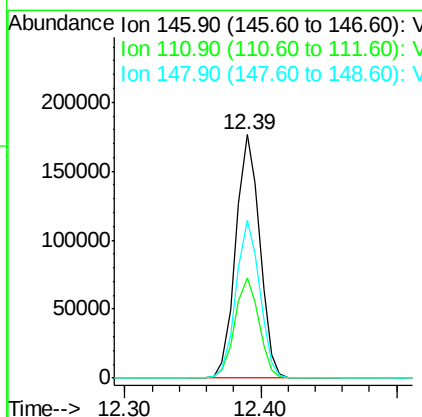
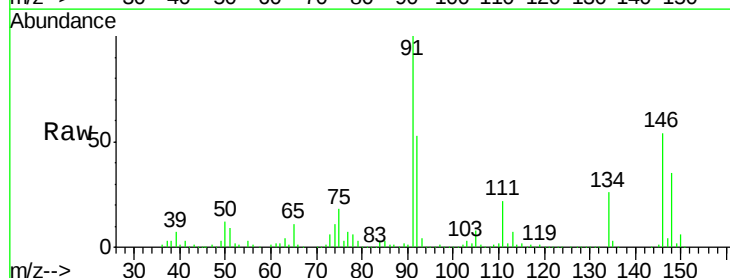
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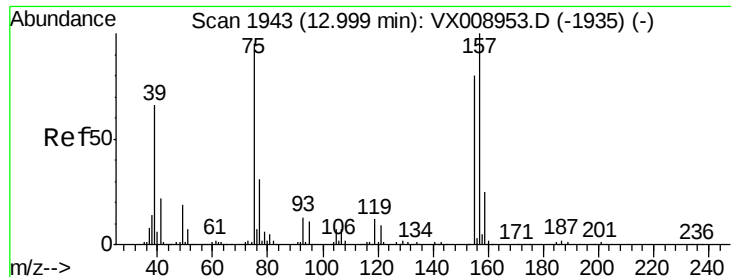
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#91
1,2-Dichlorobenzene
Concen: 53.211 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009131.D
Acq: 23 Apr 2019 19:10

Tgt Ion:146 Resp: 217070
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 64.1 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.661 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MSD

Tot Ion: 75 Resp: 44098

Ion Ratio Lower Upper

75 100

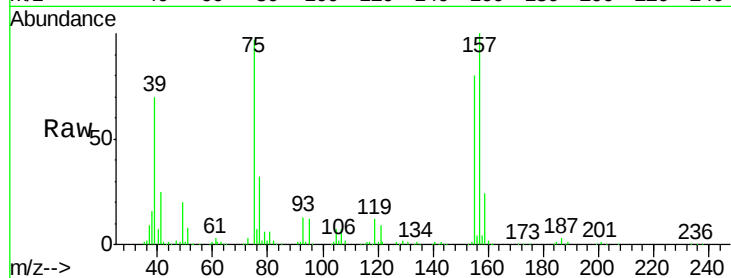
155 79.8 41.2 123.6

157 101.9 52.5 157.6

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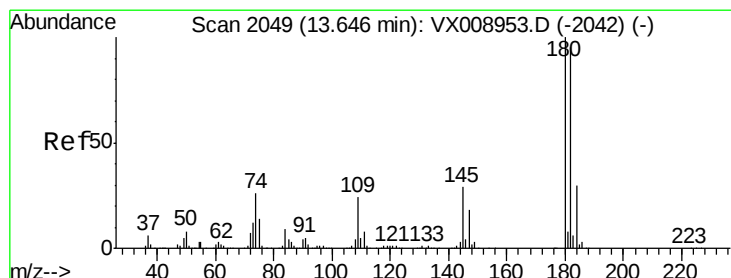
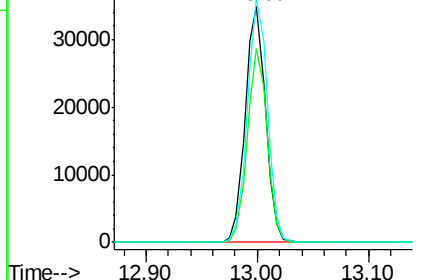
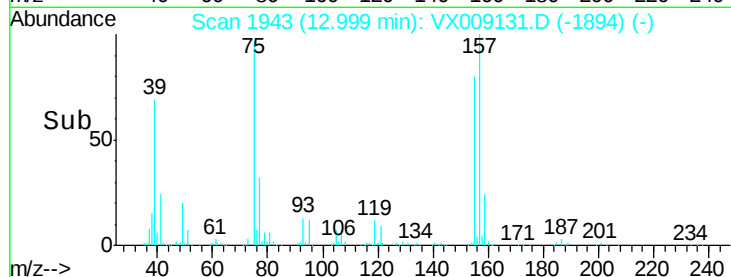
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Abundance Ion 74.90 (74.60 to 75.60): VX009131.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX009131.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX009131.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 52.517 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

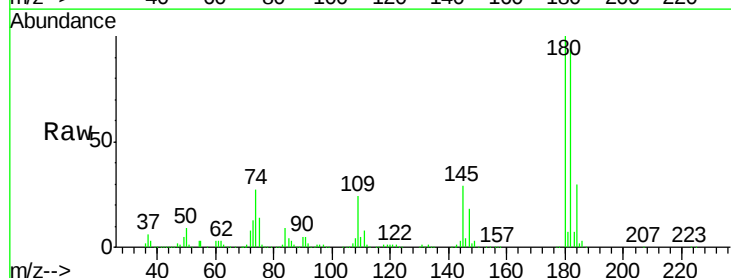
Tgt Ion: 180 Resp: 154653

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

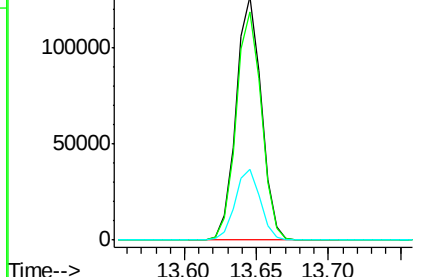
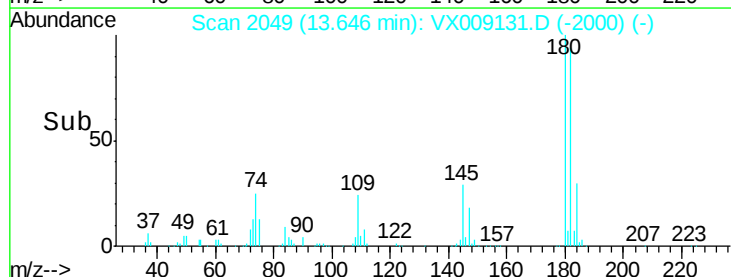
145 28.9 14.8 44.4

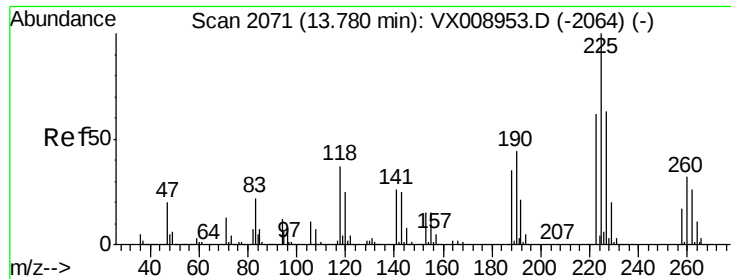


Abundance Ion 179.80 (179.50 to 180.50): VX009131.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX009131.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX009131.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 51.320 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009131.D

Acq: 23 Apr 2019 19:10

Instrument :

MSVOA_X

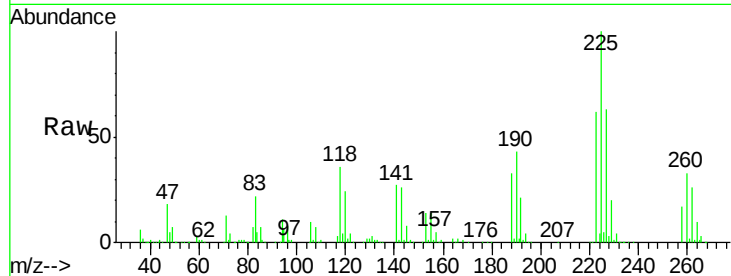
ClientSampleId :

SS042MW024-190422MSD

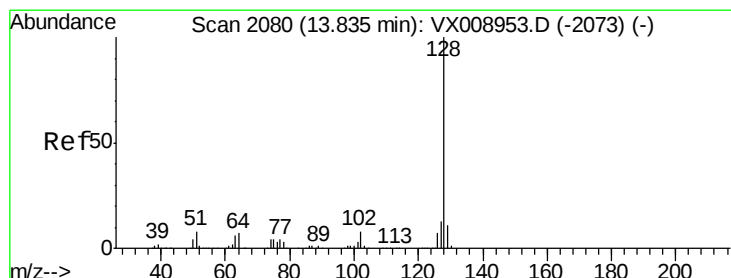
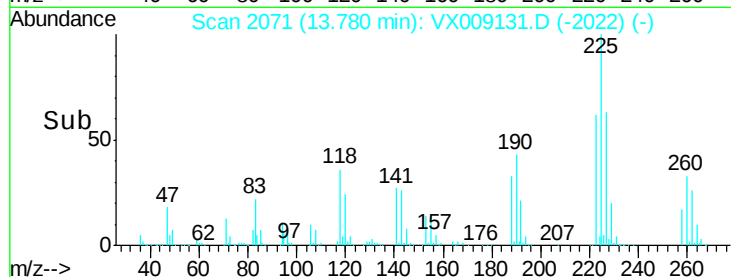
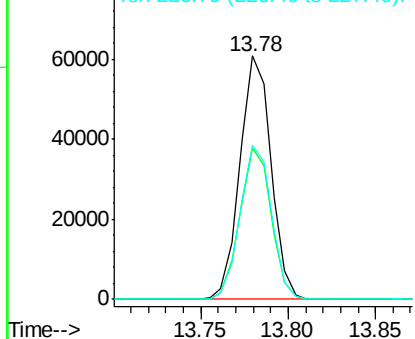
Tot Ion:	225	Resp:	75375
Ion Ratio		Lower	Upper
225	100		
223	62.5	31.1	93.2
227	63.6	32.0	96.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 55.605 ug/l

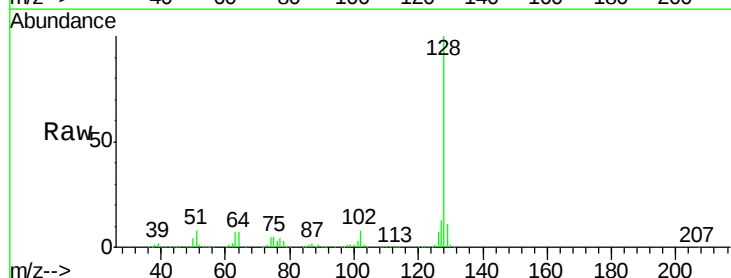
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

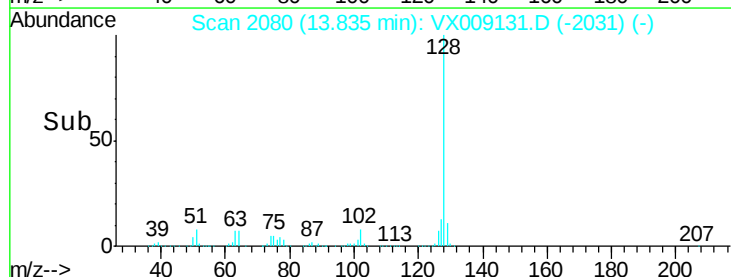
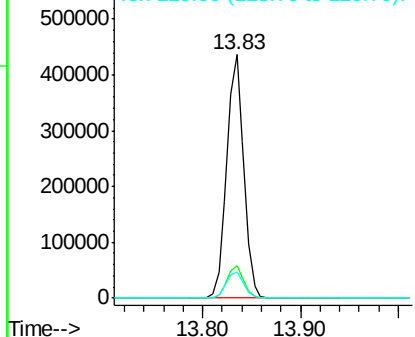
Lab File: VX009131.D

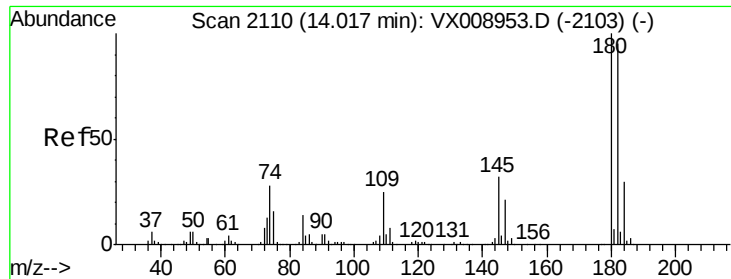
Acq: 23 Apr 2019 19:10

Tgt Ion:	128	Resp:	524619
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.319 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009131.D
 Acq: 23 Apr 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	31.7	15.8	47.3

Manual Integrations
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