

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009130.D
 Acq On : 23 Apr 2019 18:47
 Operator : JC/SP
 Sample : K2537-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:09 PM

Quant Time: Apr 24 09:06:02 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	182423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134967	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	100393	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	8.71	98	384888	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.13	95	137731	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113030	53.794	ug/l	99
3) Chloromethane	1.32	50	135051	52.354	ug/l	100
4) Vinyl Chloride	1.41	62	133938	53.347	ug/l	97
5) Bromomethane	1.64	94	238621	143.942	ug/l	97
6) Chloroethane	1.71	64	82813	56.092	ug/l	97
7) Trichlorofluoromethane	1.92	101	157788	53.828	ug/l	99
8) Diethyl Ether	2.19	74	73421	54.768	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97290	51.910	ug/l	99
10) Methyl Iodide	2.51	142	118873	57.302	ug/l	100
11) Tert butyl alcohol	3.06	59	160398	281.074	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101288	51.776	ug/l	99
13) Acrolein	2.29	56	114006	231.215	ug/l	100
14) Allyl chloride	2.73	41	237622	55.675	ug/l	99
15) Acrylonitrile	3.15	53	409456	282.653	ug/l	100
16) Acetone	2.45	43	344355	258.294	ug/l	98
17) Carbon Disulfide	2.57	76	305708	53.100	ug/l	99
18) Methyl Acetate	2.78	43	178851	53.752	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	385693	55.333	ug/l	100
20) Methylene Chloride	2.85	84	117366	51.478	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112616	53.971	ug/l	97
22) Diisopropyl ether	3.86	45	463978	55.945	ug/l	91
23) Vinyl Acetate	3.82	43	2035852	279.256	ug/l	99
24) 1,1-Dichloroethane	3.70	63	228275	54.832	ug/l	99
25) 2-Butanone	4.68	43	600289	281.692	ug/l	98
26) 2,2-Dichloropropane	4.58	77	143653	46.033	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	145633	61.473	ug/l	97
28) Bromochloromethane	5.02	49	97926	56.896	ug/l	98
29) Tetrahydrofuran	5.13	42	405759	284.478	ug/l	99
30) Chloroform	5.21	83	207287	55.641	ug/l	99
31) Cyclohexane	5.58	56	219846	53.690	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	168517	54.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158569	50.351	ug/l	100
37) Ethyl Acetate	4.84	43	223104	55.055	ug/l	100
38) Carbon Tetrachloride	5.79	117	140305	52.552	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191606	49.971	ug/l	98
40) Benzene	6.14	78	490241	52.768	ug/l	100
41) Methacrylonitrile	5.05	41	128068	55.064	ug/l	99
42) 1,2-Dichloroethane	6.19	62	175496	53.325	ug/l	99
43) Isopropyl Acetate	6.45	43	352251	53.940	ug/l	99
44) Trichloroethene	7.21	130	115717	50.834	ug/l	98
45) 1,2-Dichloropropane	7.51	63	139808	54.243	ug/l	99
46) Dibromomethane	7.66	93	80025	53.350	ug/l	99
47) Bromodichloromethane	7.90	83	159101	54.078	ug/l	99
48) Methyl methacrylate	7.77	41	179152	55.521	ug/l	99
49) 1,4-Dioxane	7.74	88	61622	1020.318	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1155023	277.624	ug/l	99
52) Toluene	8.79	92	285986	51.362	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	181758	53.681	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	200279	52.826	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	118491	53.694	ug/l	98
56) Ethyl methacrylate	9.18	69	213541	53.966	ug/l	99
57) 1,3-Dichloropropane	9.37	76	211245	53.764	ug/l	100
59) 2-Hexanone	9.49	43	881635	274.860	ug/l	100
60) Dibromochloromethane	9.58	129	117025	55.331	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122929	53.974	ug/l	100
64) Tetrachloroethene	9.34	164	94488	46.739	ug/l	100
65) Chlorobenzene	10.14	112	292289	52.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	107429	54.291	ug/l	100
67) Ethyl Benzene	10.25	91	543001	52.883	ug/l	99
68) m/p-Xylenes	10.36	106	396178	106.168	ug/l	99
69) o-Xylene	10.70	106	190970	52.596	ug/l	99
70) Styrene	10.71	104	333888	53.065	ug/l	99
71) Bromoform	10.85	173	86440	54.832	ug/l #	98
73) Isopropylbenzene	11.02	105	510484	52.557	ug/l	100
74) N-amyl acetate	10.90	43	295436	52.975	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190859	53.780	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160688m	51.356	ug/l	
77) Bromobenzene	11.26	156	124134	50.654	ug/l	99
78) n-propylbenzene	11.36	91	588883	52.823	ug/l	100
79) 2-Chlorotoluene	11.42	91	349022	51.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428452	52.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61885	50.777	ug/l	97
82) 4-Chlorotoluene	11.51	91	400922	51.387	ug/l	100
83) tert-Butylbenzene	11.77	119	422835	54.034	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	434256	52.341	ug/l	100
85) sec-Butylbenzene	11.94	105	486043	52.078	ug/l	100
86) p-Isopropyltoluene	12.06	119	440916	51.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216461	50.467	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219874	50.570	ug/l	99
89) n-Butylbenzene	12.38	91	406416	50.858	ug/l	100
90) Hexachloroethane	12.60	117	75816	53.565	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217261	51.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43782	54.184	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	154390	50.497	ug/l	100

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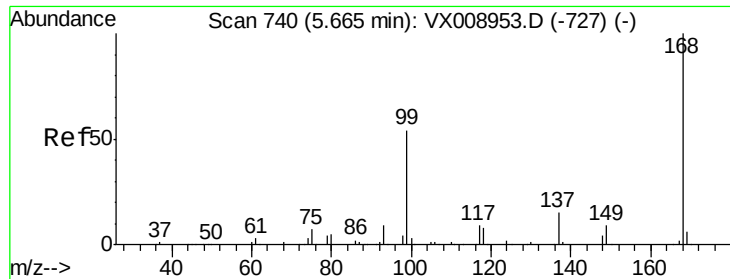
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75092	49.245	ug/l	100
95) Naphthalene	13.83	128	522723	53.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156025	51.721	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion:168 Resp: 182423

Ion Ratio Lower Upper

168 100

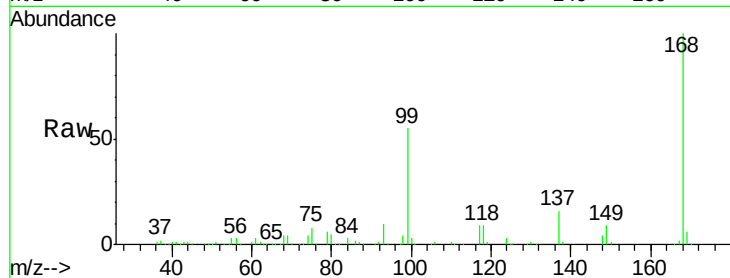
99 55.1 43.0 64.6

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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

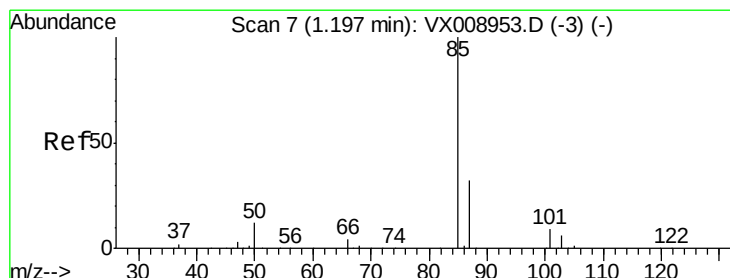
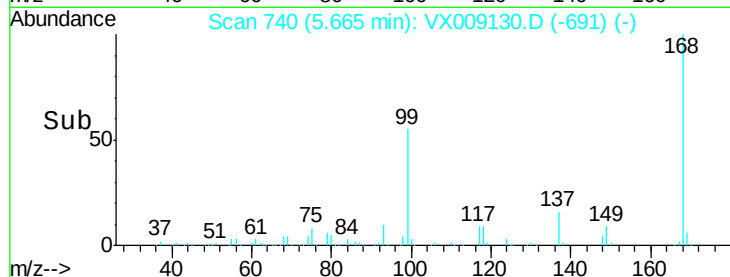
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 53.794 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009130.D

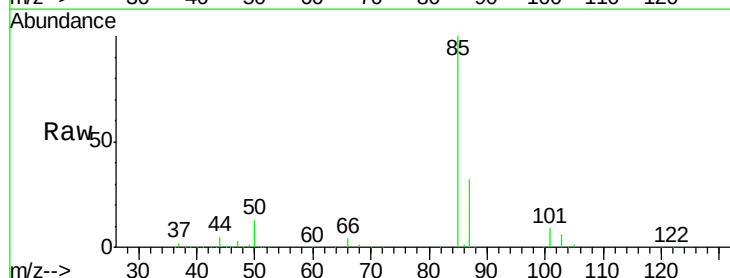
Acq: 23 Apr 2019 18:47

Tgt Ion: 85 Resp: 113030

Ion Ratio Lower Upper

85 100

87 32.4 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

60000

40000

20000

0

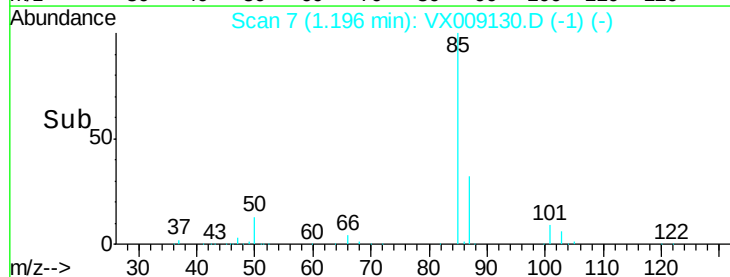
Time-->

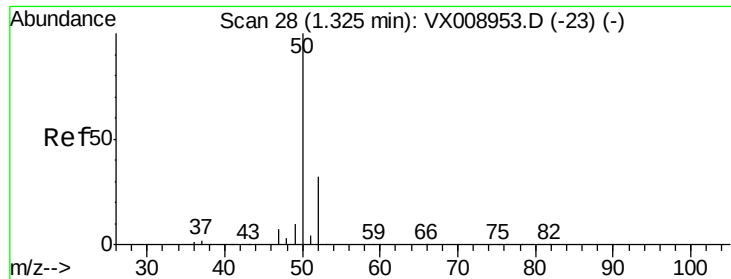
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.354 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 50 Resp: 135051

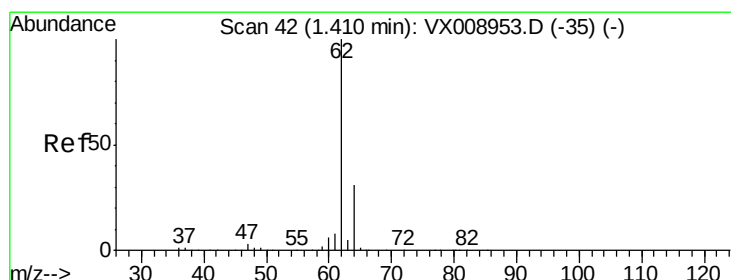
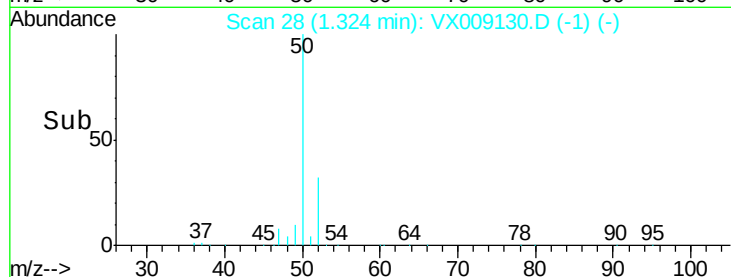
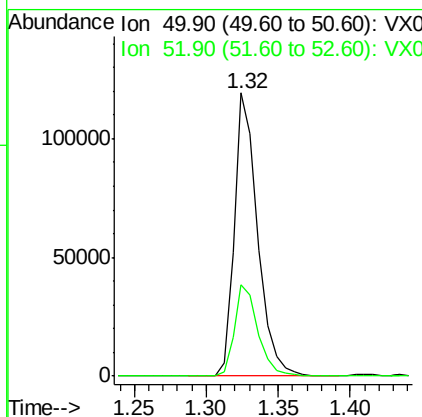
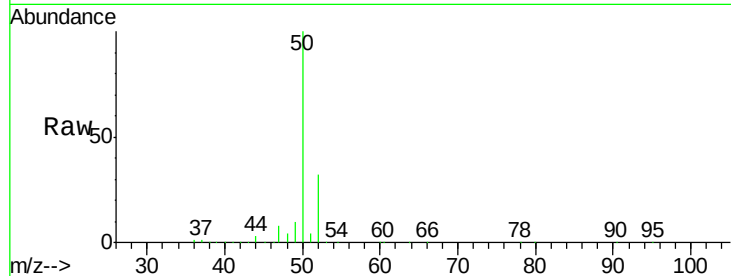
Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 53.347 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009130.D

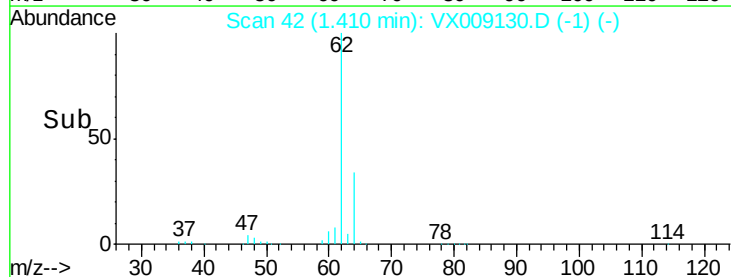
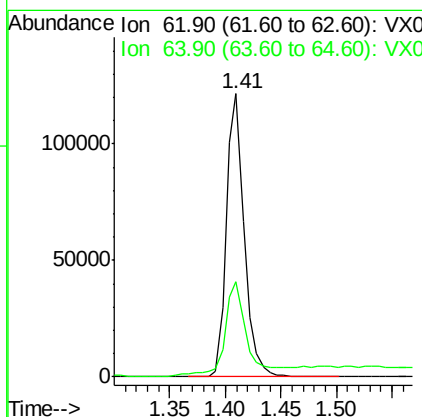
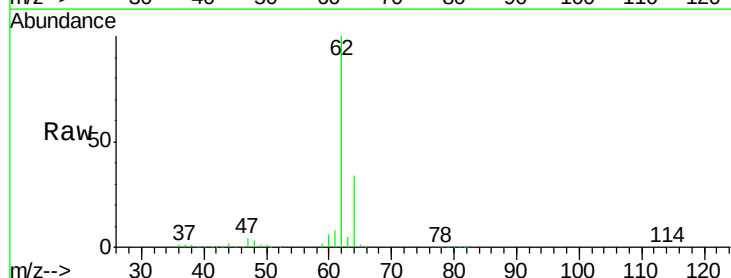
Acq: 23 Apr 2019 18:47

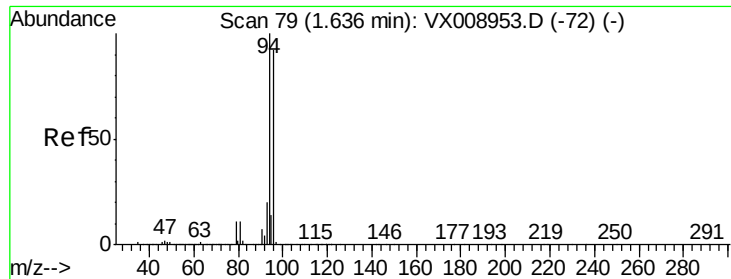
Tgt Ion: 62 Resp: 133938

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.4





#5

Bromomethane

Concen: 143.942 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 94 Resp: 238621

Ion Ratio Lower Upper

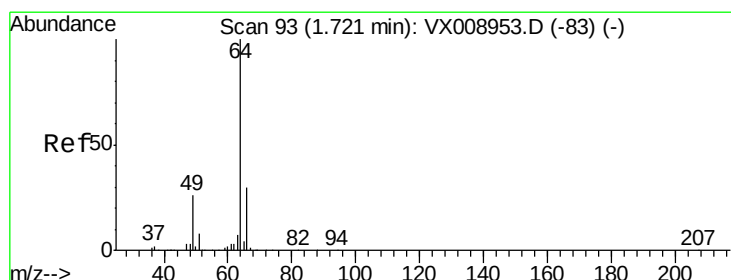
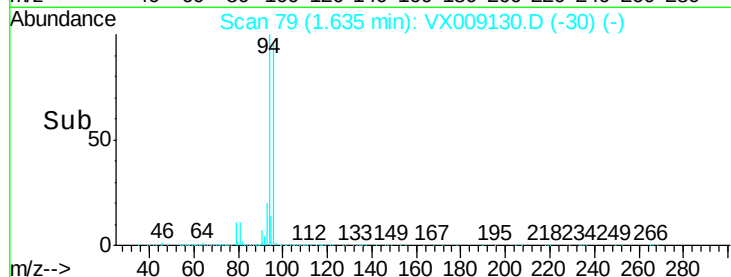
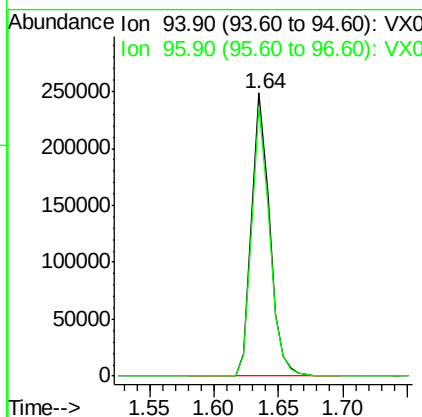
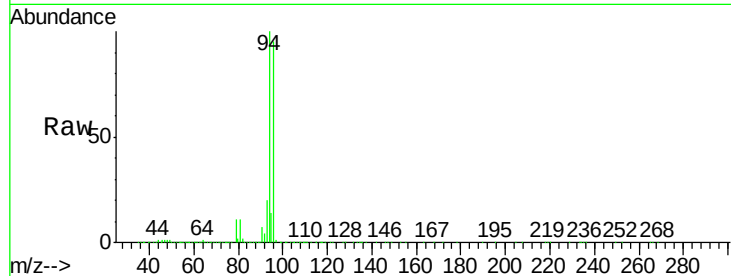
94 100

96 95.0 73.9 110.9

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#6

Chloroethane

Concen: 56.092 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009130.D

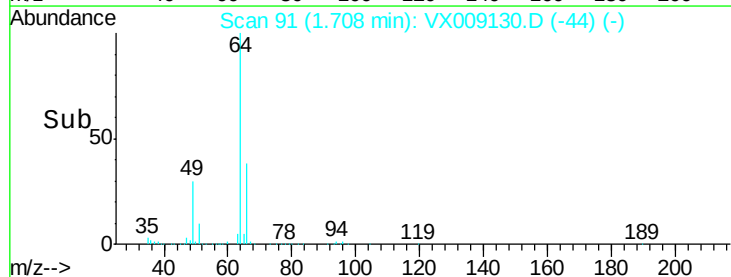
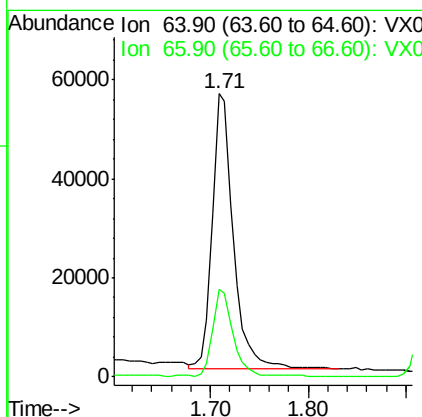
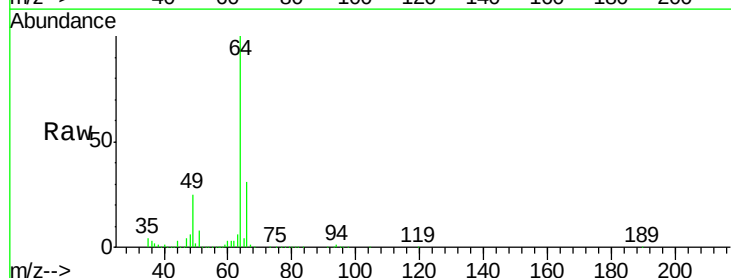
Acq: 23 Apr 2019 18:47

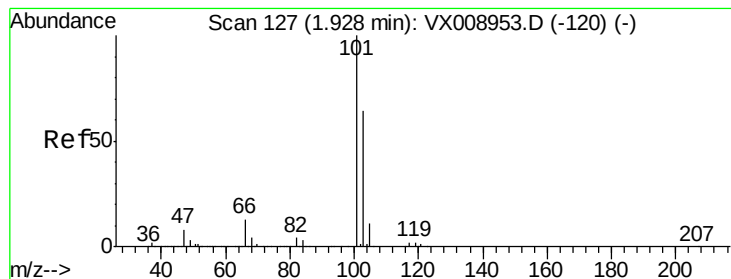
Tgt Ion: 64 Resp: 82813

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2





#7

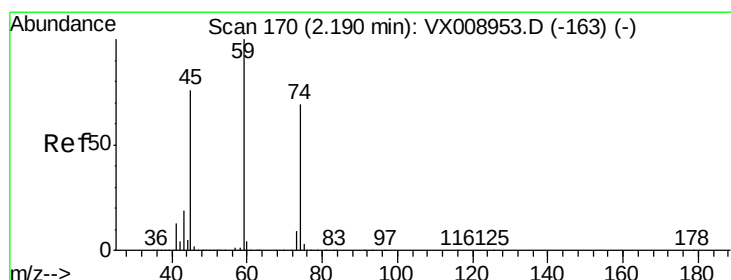
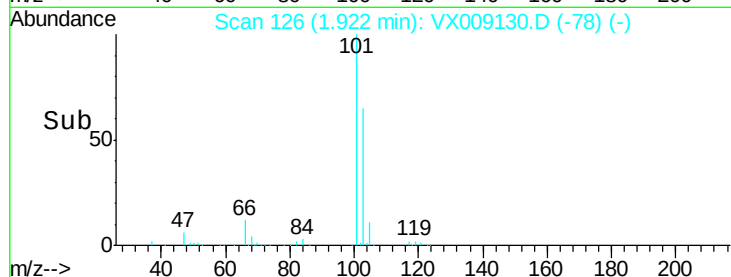
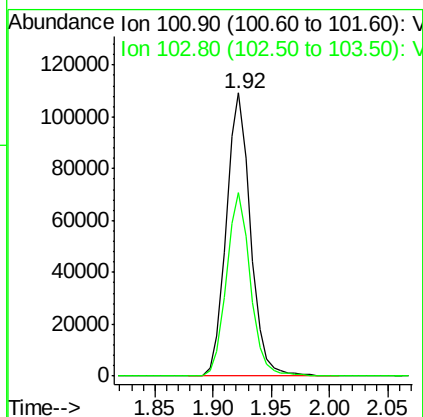
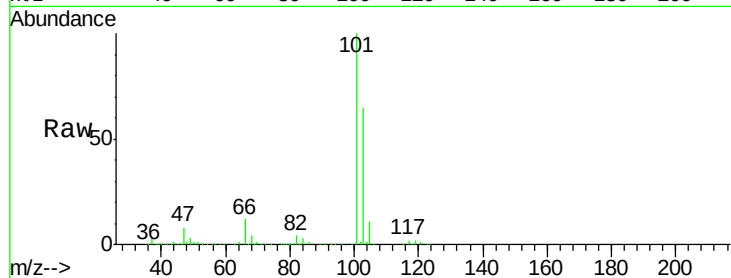
Trichlorofluoromethane
Concen: 53.828 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.0	76.6

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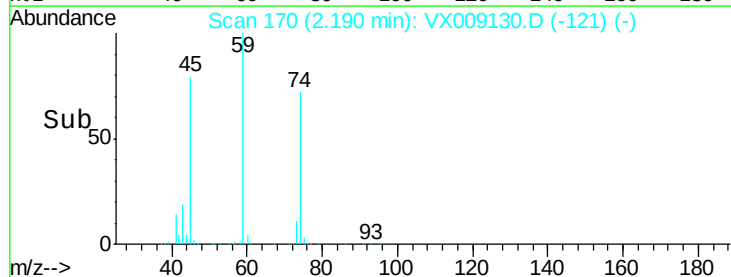
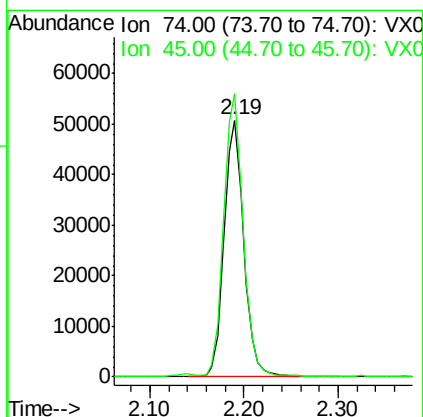
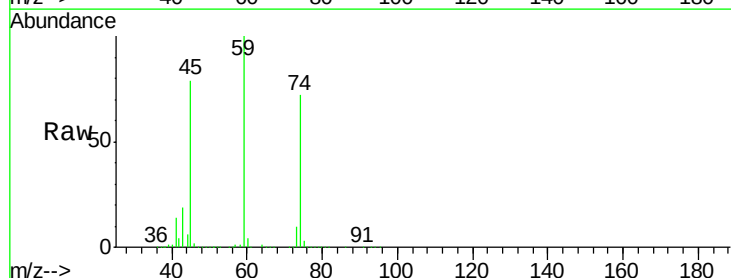
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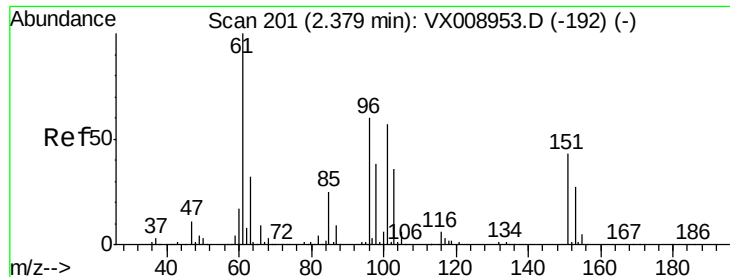


#8

Diethyl Ether
Concen: 54.768 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.3	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.910 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

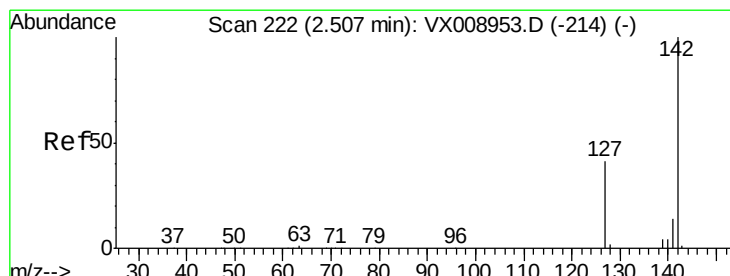
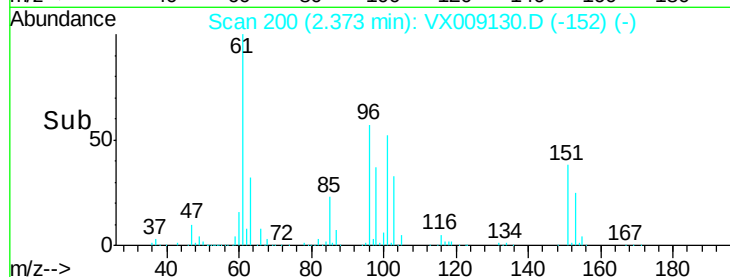
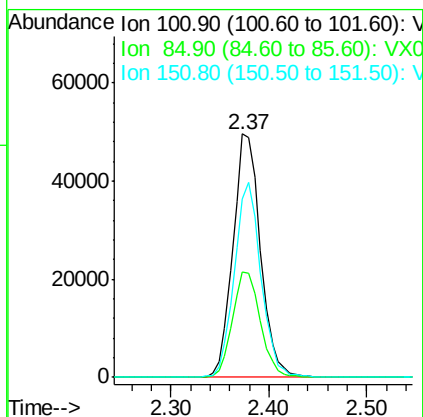
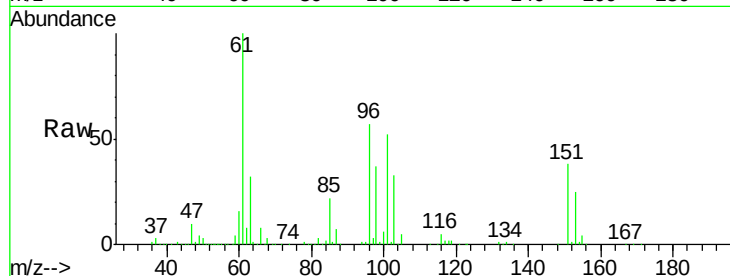
ClientSampleId :

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Tot Ion:	101	Resp:	97290
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.7	53.5
151	77.5	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 57.302 ug/l

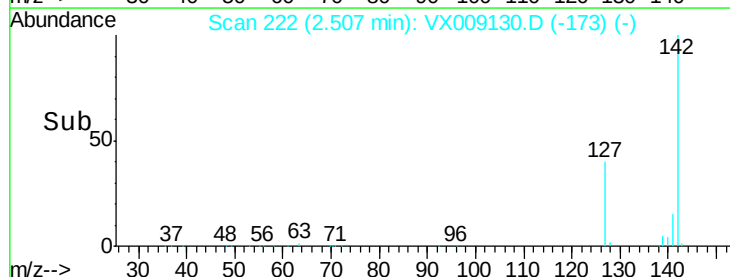
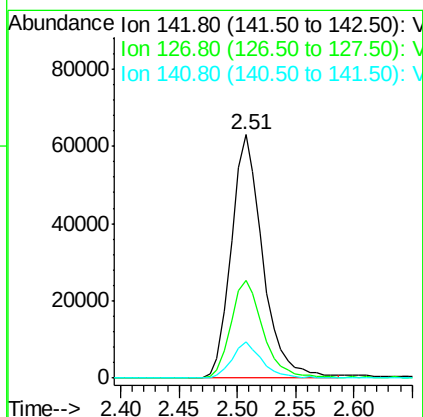
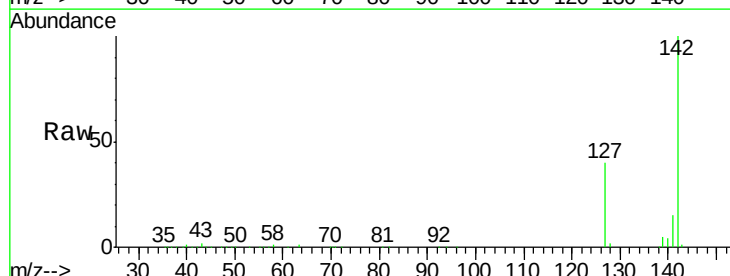
RT: 2.51 min Scan# 222

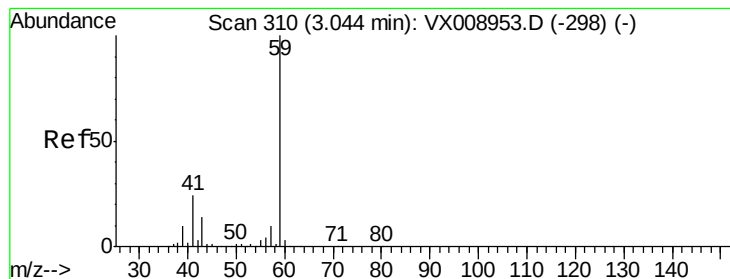
Delta R.T. 0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	142	Resp:	118873
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.8	49.2
141	14.6	11.4	17.2





#11

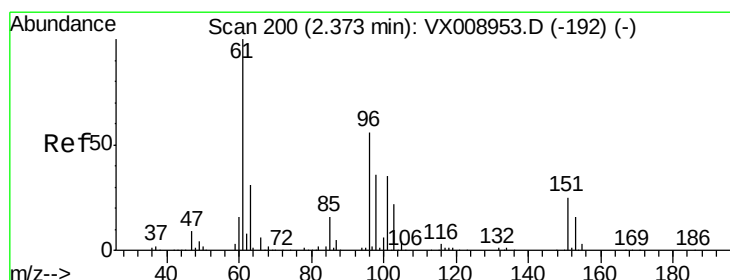
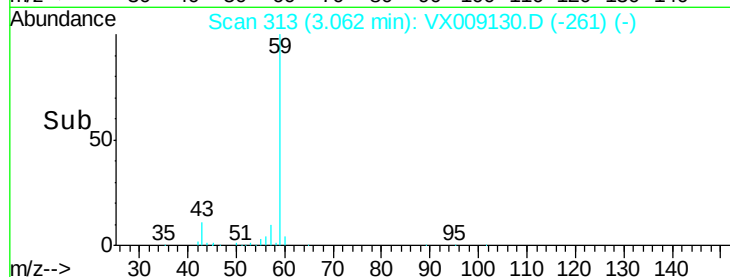
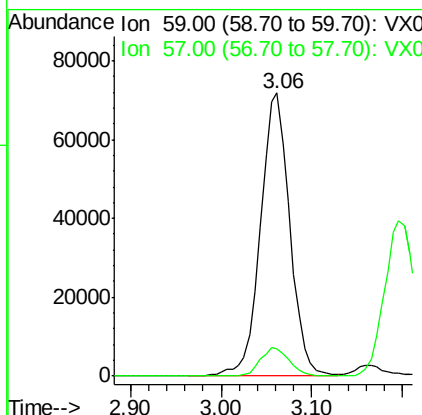
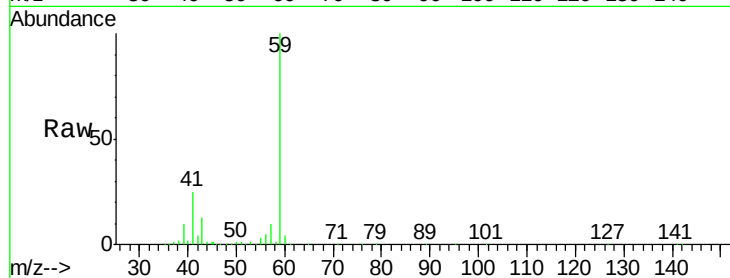
Tert butyl alcohol
 Concen: 281.074 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.02 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	160398		
57	57	10.1		8.4	12.6

Manual Integrations
 APPROVED

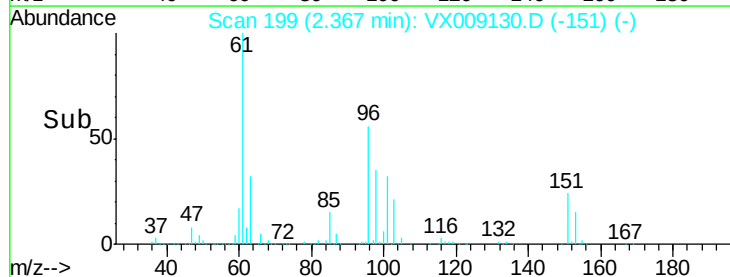
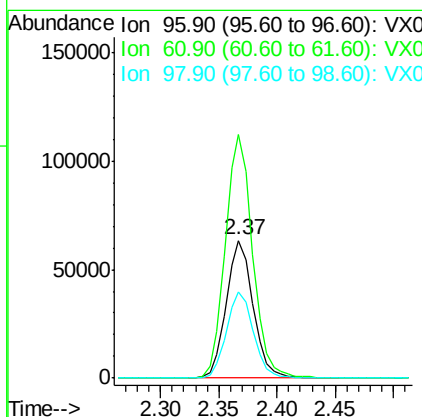
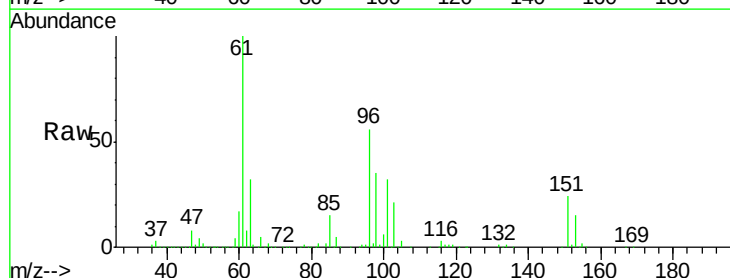
MMDadoda
 4/24/2019 12:03:09 PM

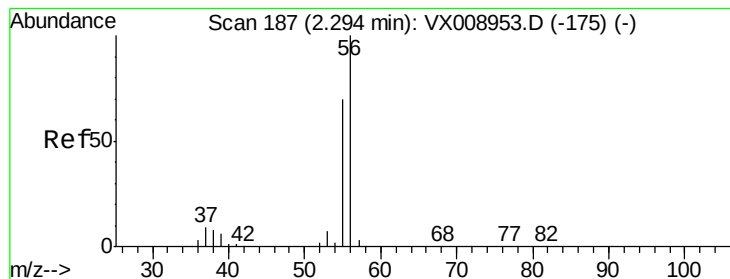


#12

1,1-Dichloroethene
 Concen: 51.776 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	101288		
61	61	177.3		142.2	213.2
98	98	62.5		50.9	76.3





#13

Acrolein

Concen: 231.215 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 56 Resp: 114006

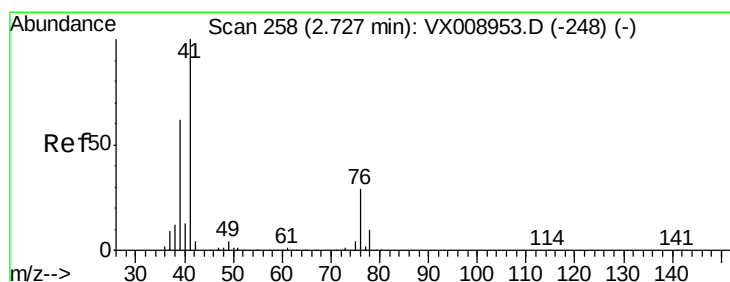
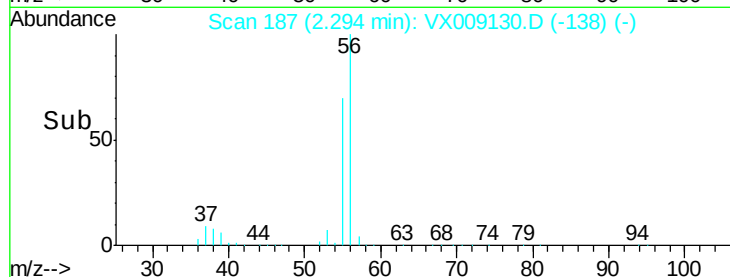
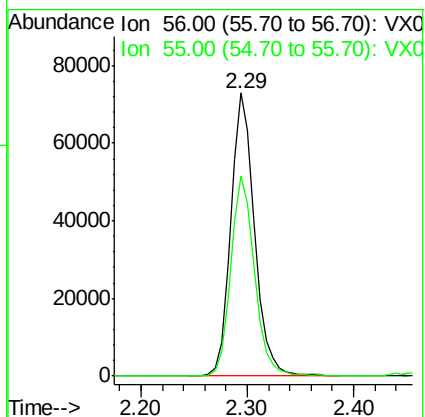
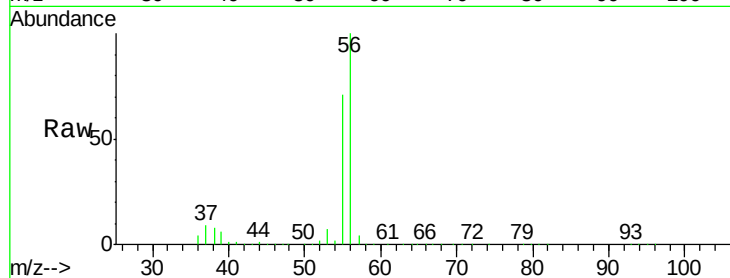
Ion Ratio Lower Upper

56 100

55 71.0 56.6 84.8

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 55.675 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

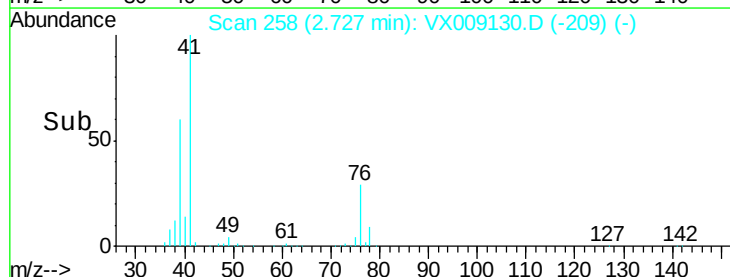
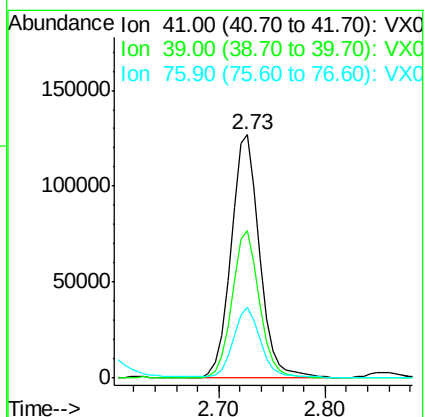
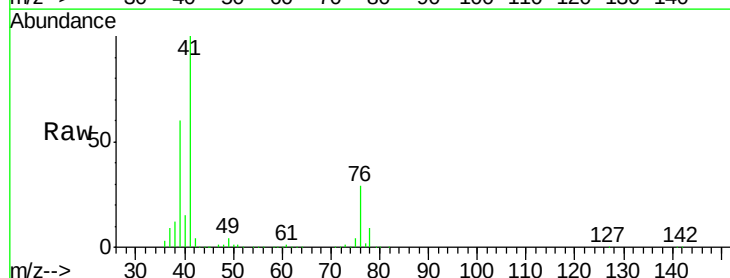
Tgt Ion: 41 Resp: 237622

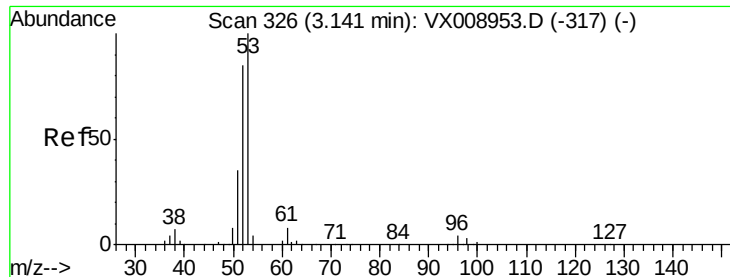
Ion Ratio Lower Upper

41 100

39 58.1 46.7 70.1

76 28.6 22.0 33.0





#15

Acrylonitrile

Concen: 282.653 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

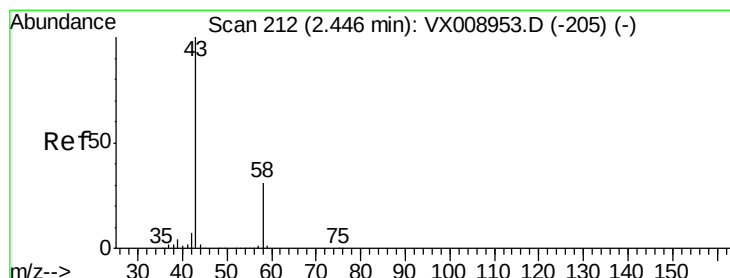
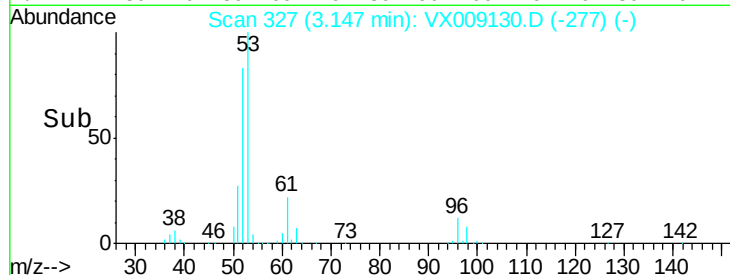
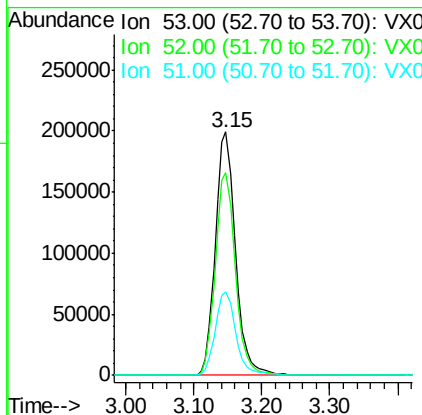
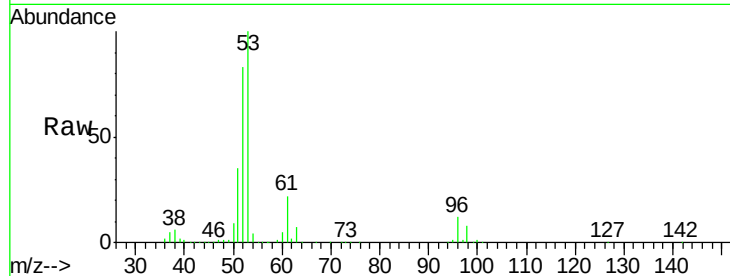
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	53	Resp:	409456
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.6	100.0
51	35.1	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 258.294 ug/l

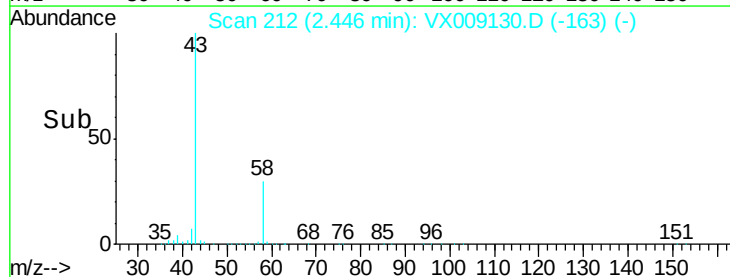
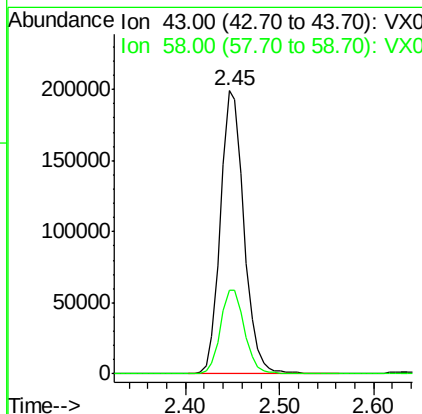
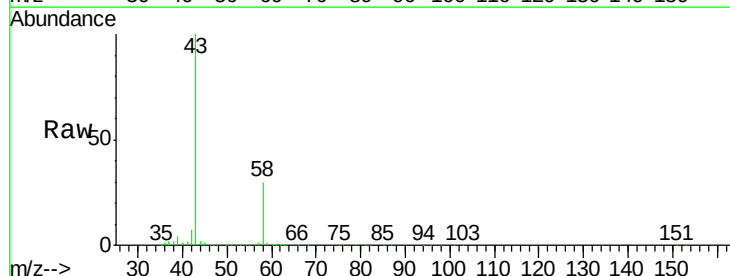
RT: 2.45 min Scan# 212

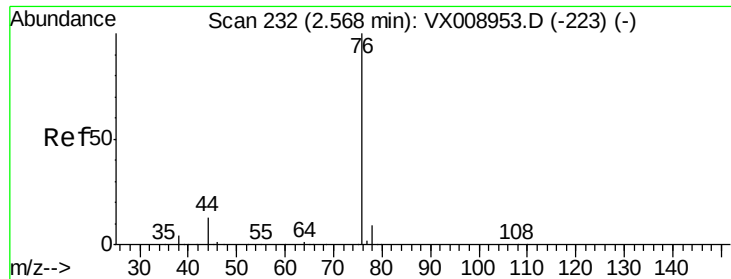
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	43	Resp:	344355
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.8	37.2





#17

Carbon Disulfide

Concen: 53.100 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 76 Resp: 305708

Ion Ratio Lower Upper

76 100

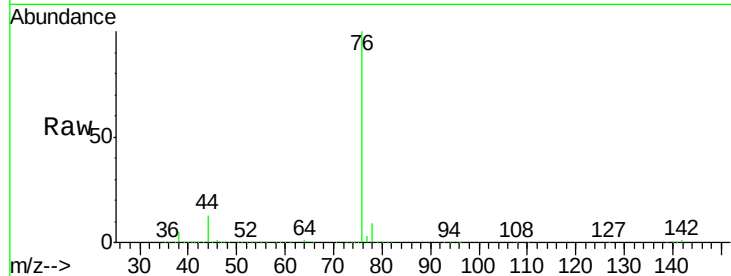
78 8.8 7.2 10.8

Manual Integrations

APPROVED

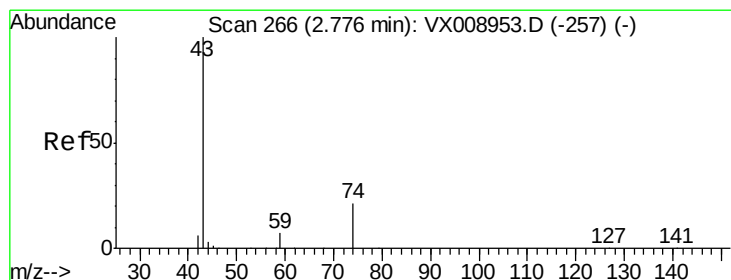
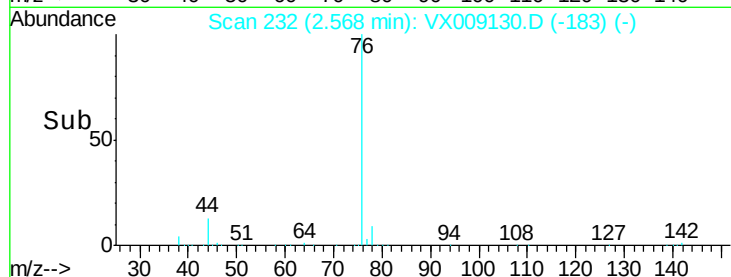
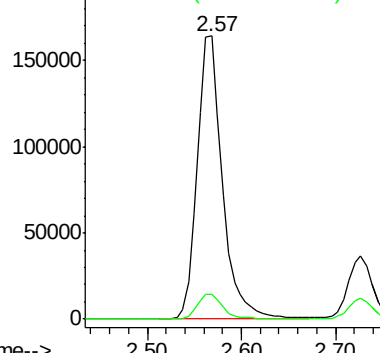
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.752 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009130.D

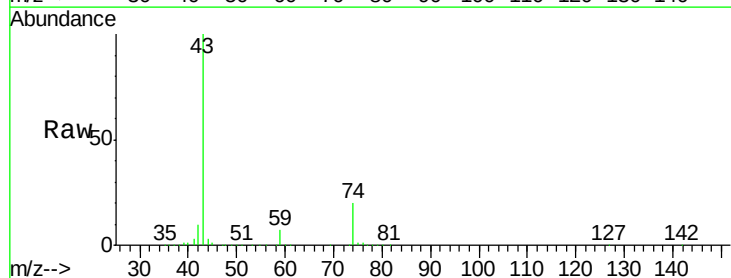
Acq: 23 Apr 2019 18:47

Tgt Ion: 43 Resp: 178851

Ion Ratio Lower Upper

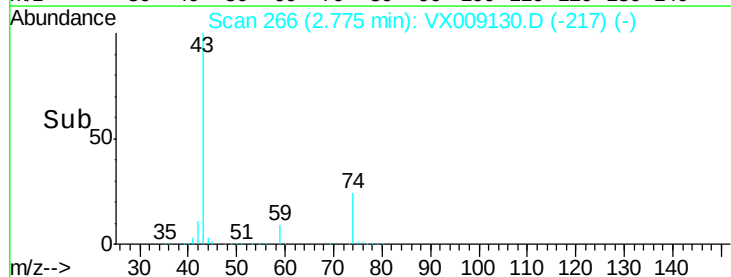
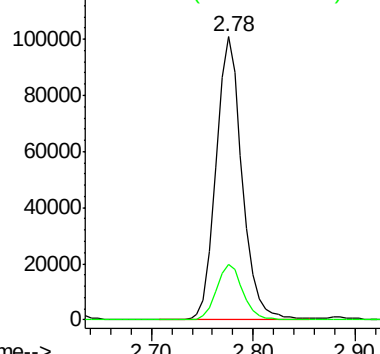
43 100

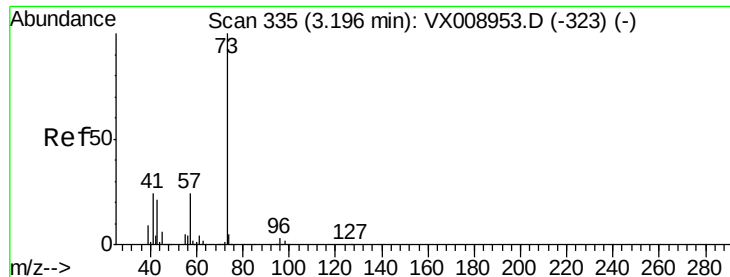
74 19.9 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





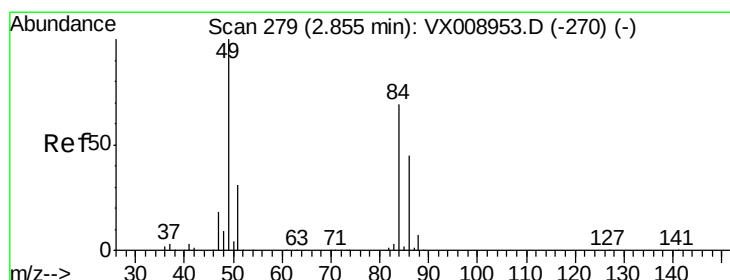
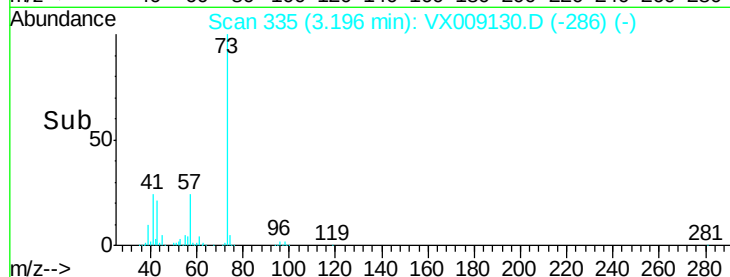
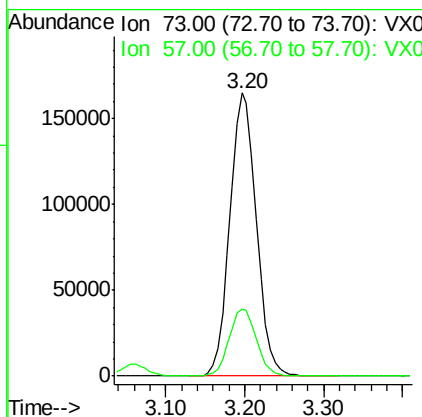
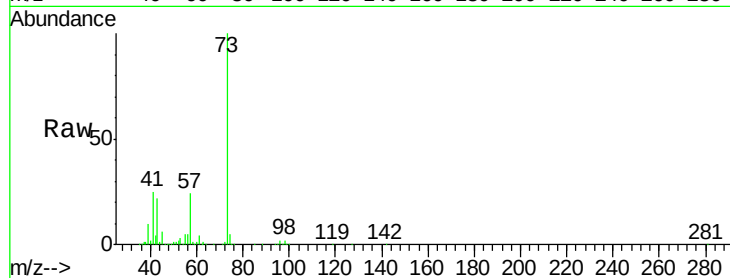
#19
Methyl tert-butyl Ether
Concen: 55.333 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8

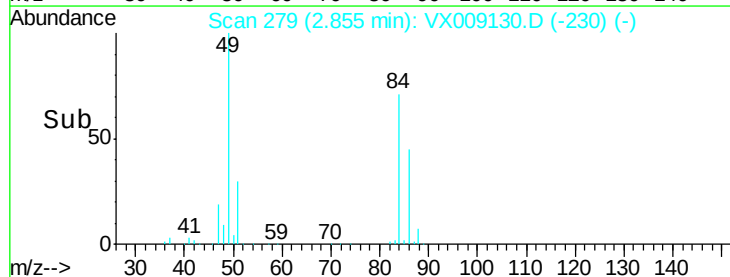
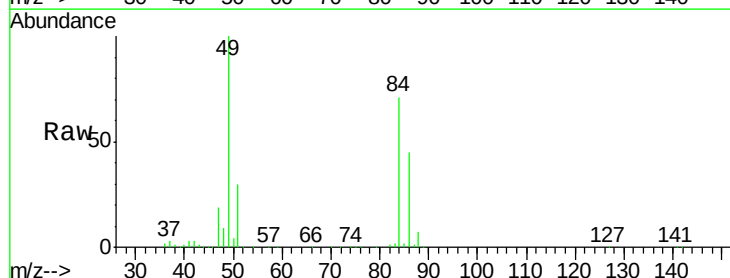
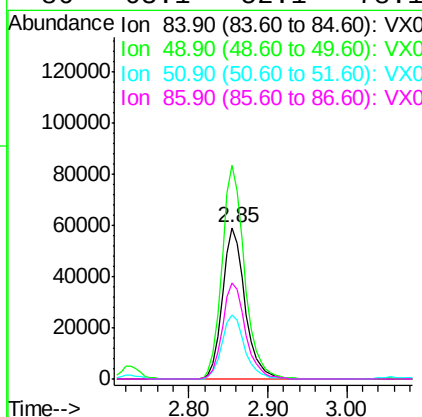
Manual Integrations
APPROVED

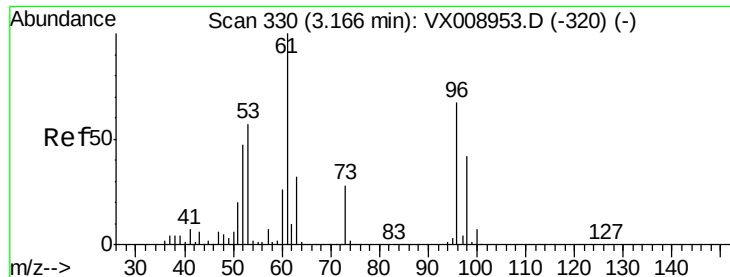
MMDadoda
4/24/2019 12:03:09 PM



#20
Methylene Chloride
Concen: 51.478 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.2	115.4	173.0
51	42.2	35.8	53.6
86	63.1	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 53.971 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 96 Resp: 112616

Ion Ratio Lower Upper

96 100

61 155.4 120.3 180.5

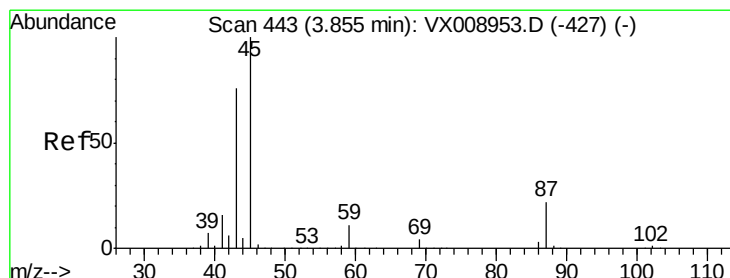
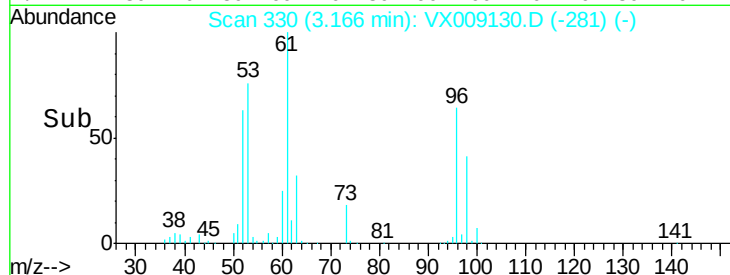
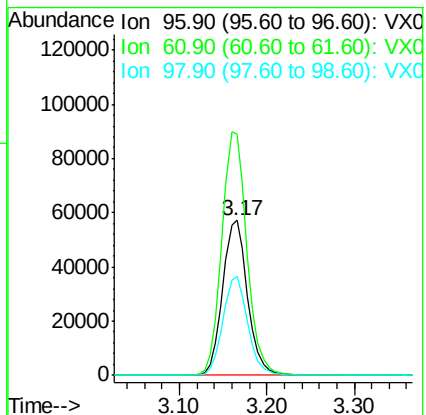
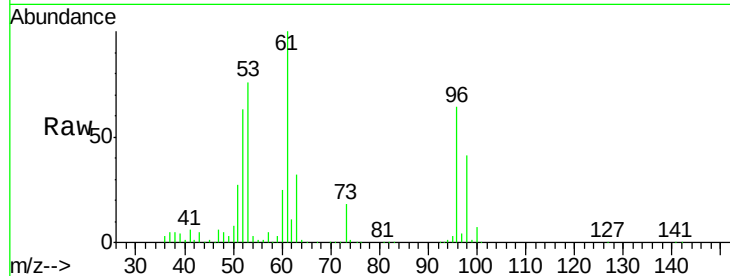
98 63.7 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 55.945 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion: 45 Resp: 463978

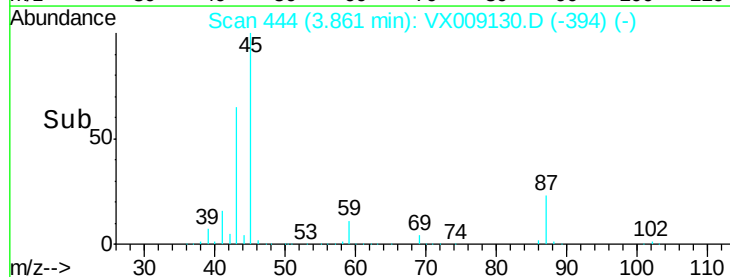
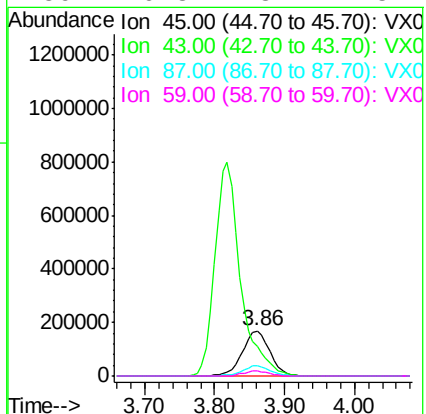
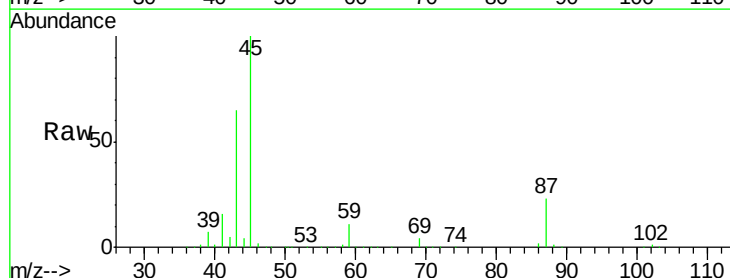
Ion Ratio Lower Upper

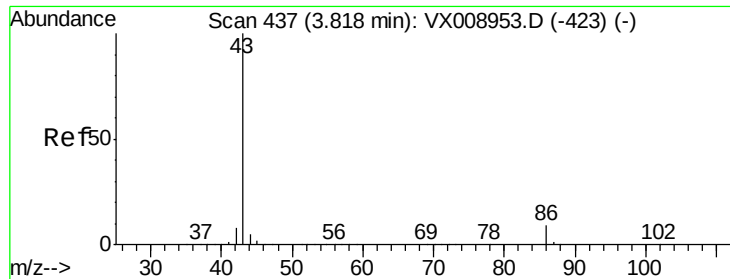
45 100

43 64.5 60.6 91.0

87 22.8 17.8 26.8

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 279.256 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 43 Resp: 2035852

Ion Ratio Lower Upper

43 100

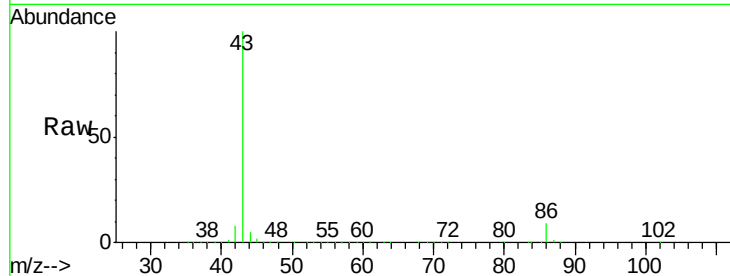
86 8.5 7.1 10.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

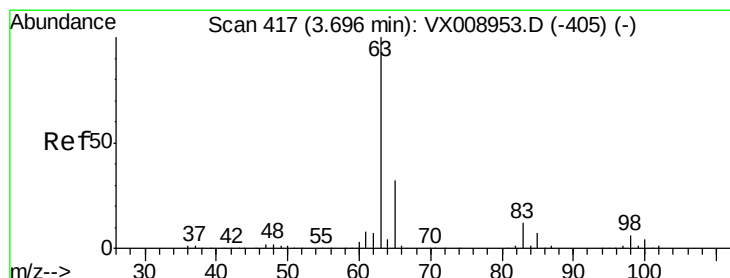
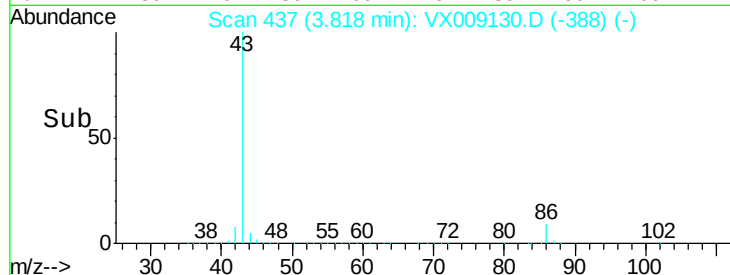
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 54.832 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

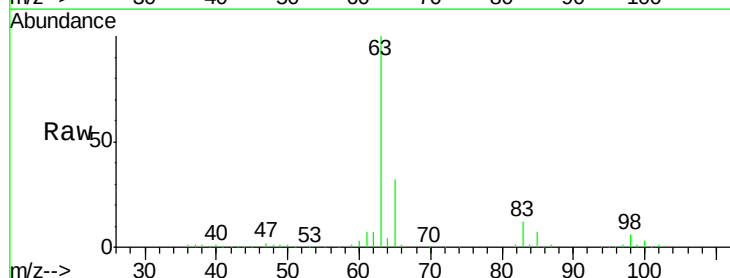
Tgt Ion: 63 Resp: 228275

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 3.5 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

120000

100000

80000

60000

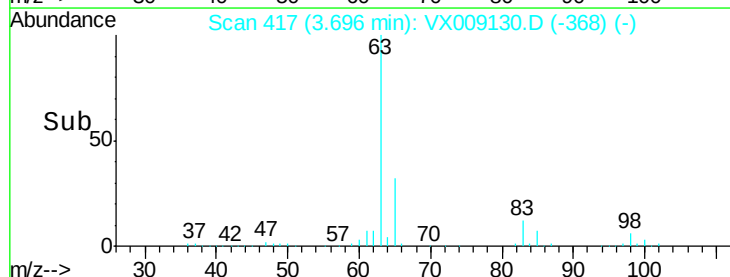
40000

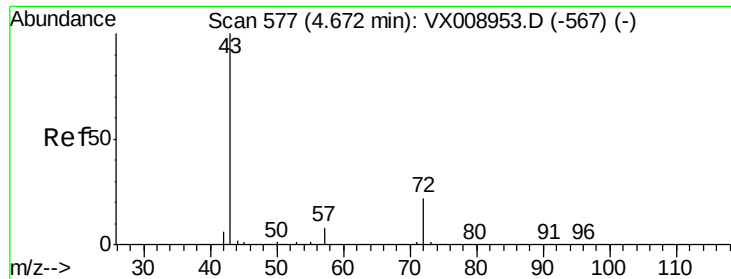
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 281.692 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 43 Resp: 600289

Ion Ratio Lower Upper

43 100

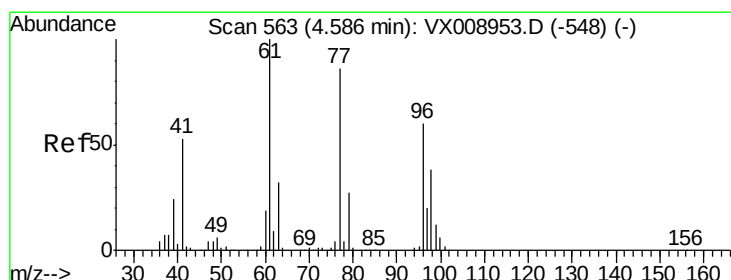
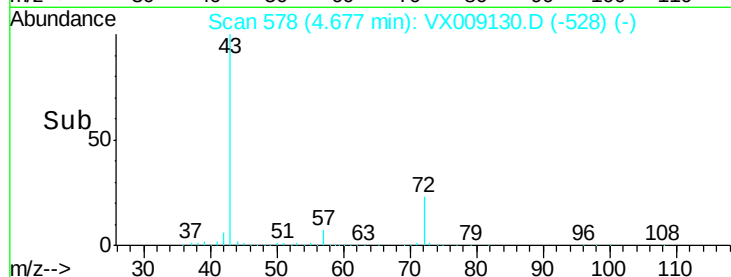
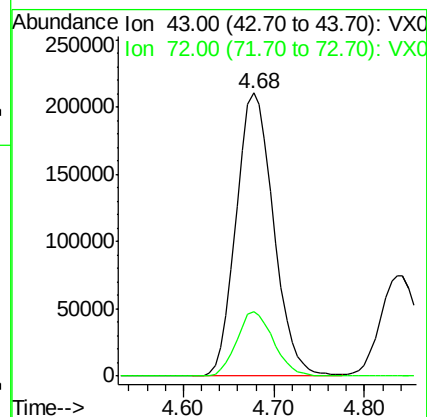
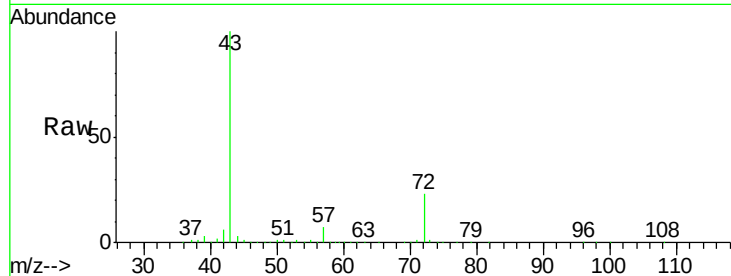
72 22.9 17.5 26.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.033 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009130.D

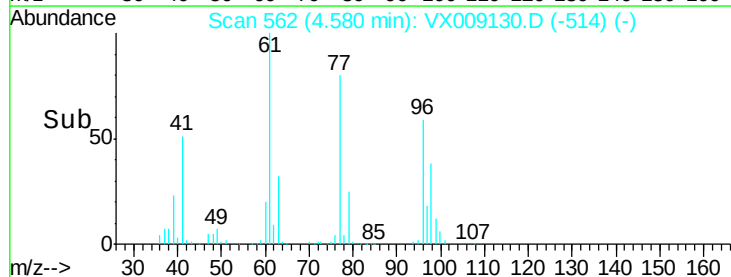
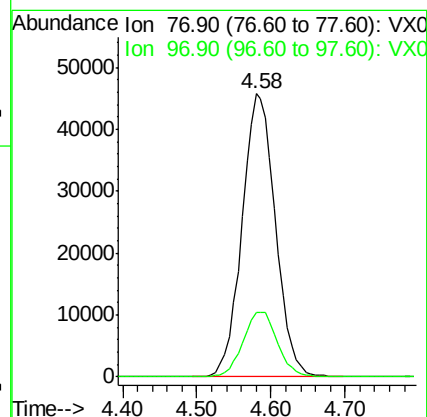
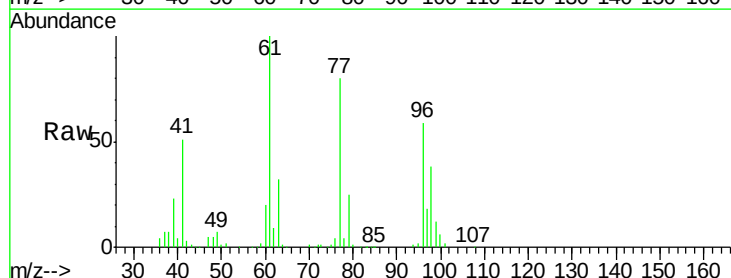
Acq: 23 Apr 2019 18:47

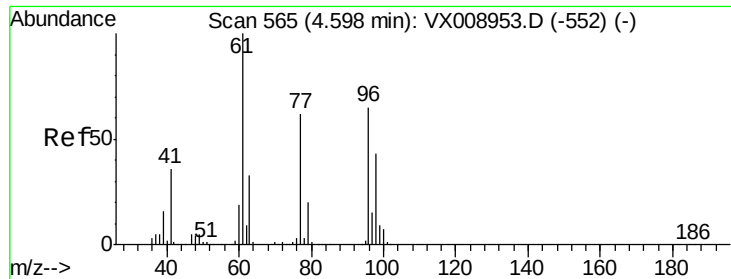
Tgt Ion: 77 Resp: 143653

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

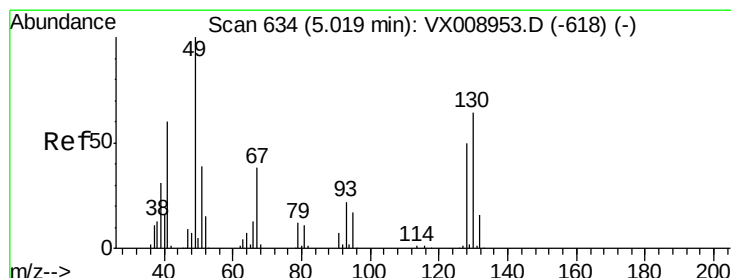
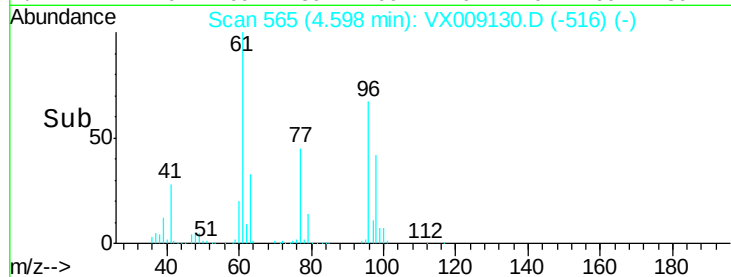
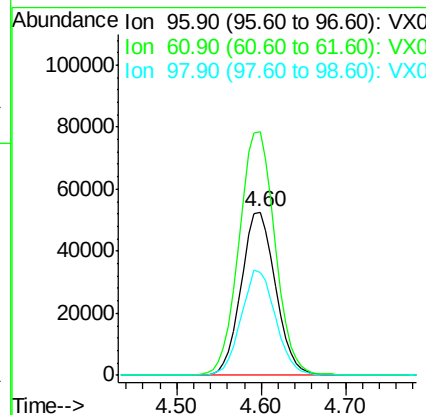
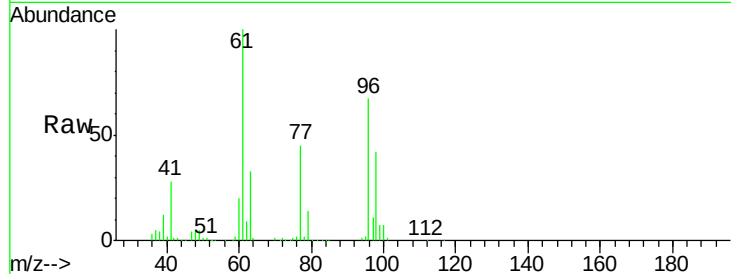
cis-1,2-Dichloroethene
Concen: 61.473 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.3	0.0	322.0	
98	64.6	0.0	128.4	

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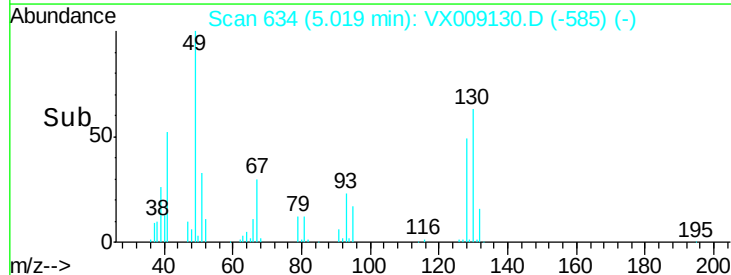
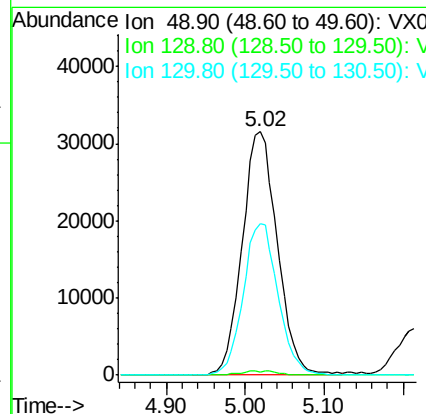
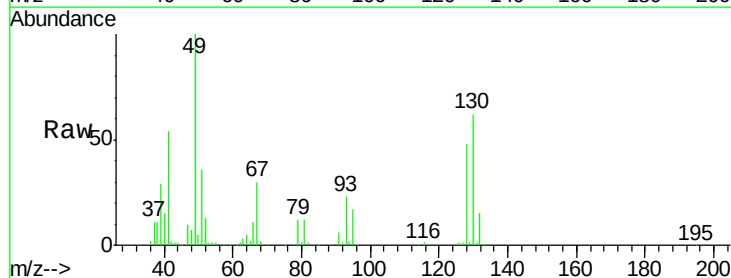
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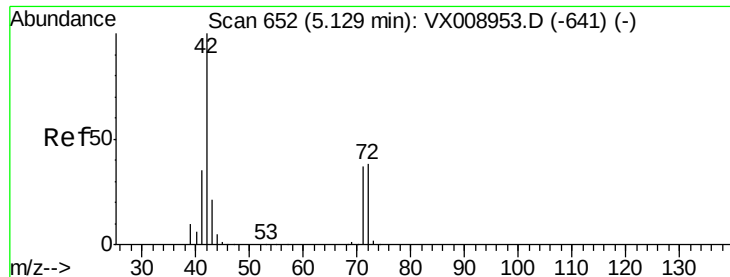


#28

Bromochloromethane
Concen: 56.896 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.6	
130	61.4	50.4	75.6	





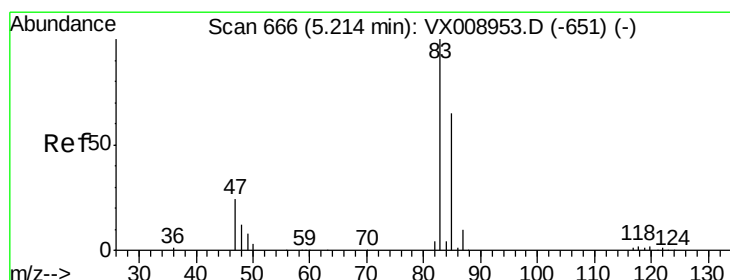
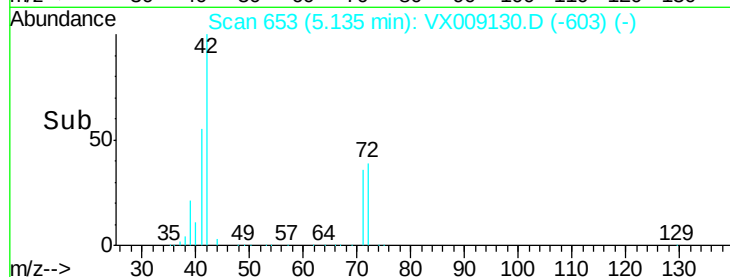
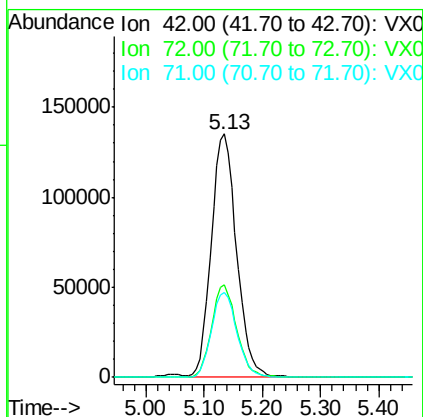
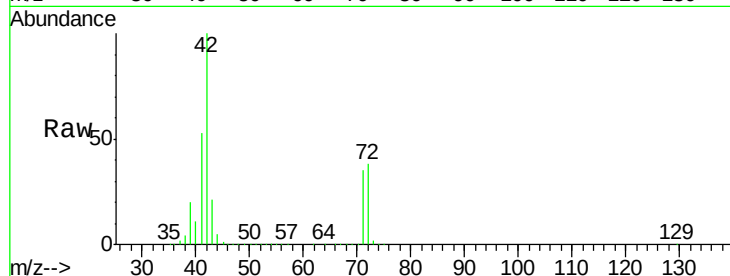
#29
Tetrahydrofuran
Concen: 284.478 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.6	45.8
71	35.5	28.8	43.2

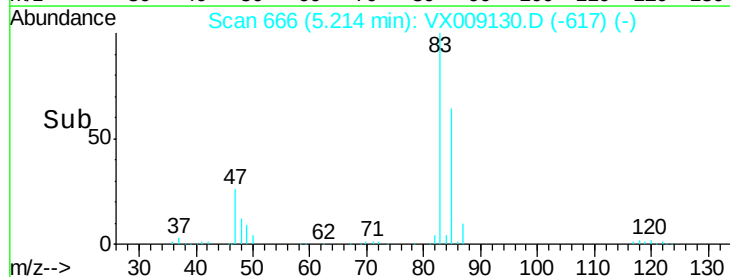
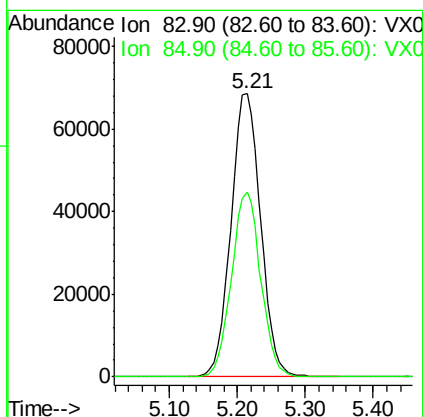
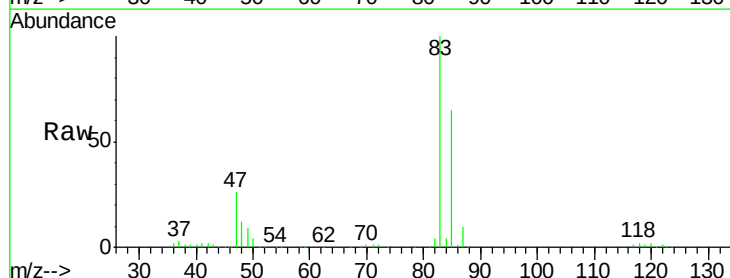
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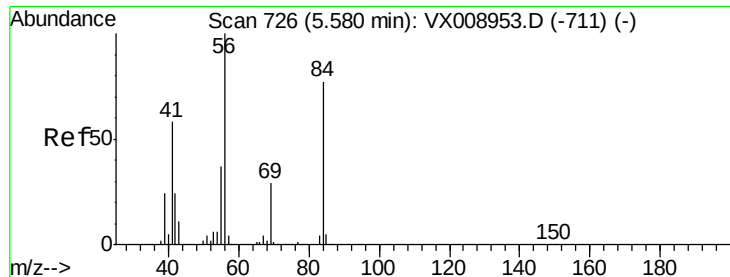
MMDadoda
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#30
Chloroform
Concen: 55.641 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 53.690 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

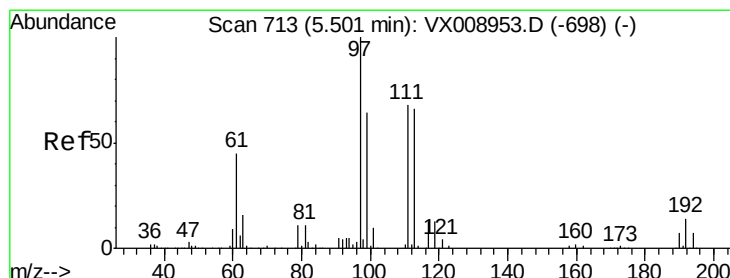
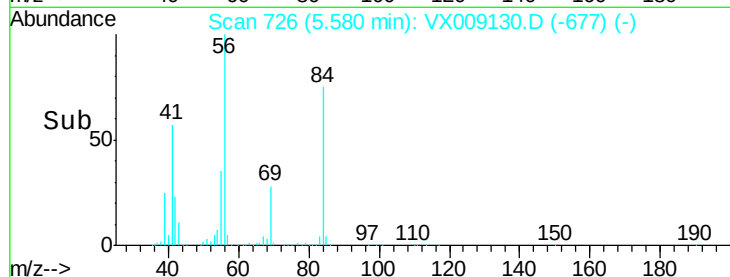
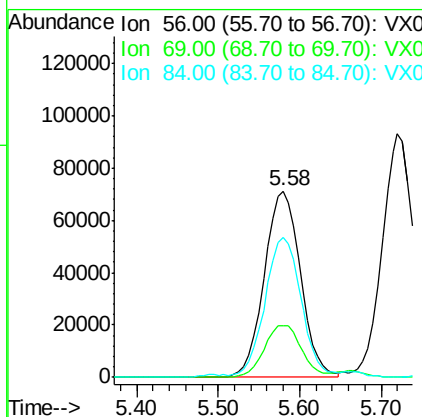
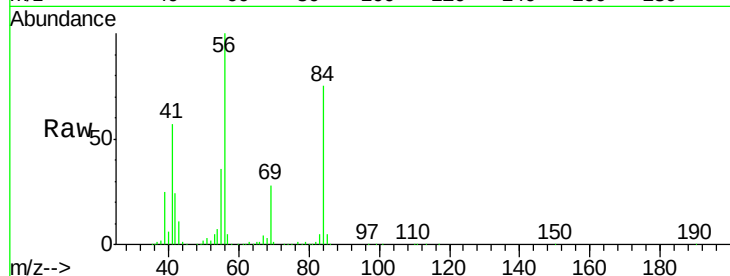
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	56	Resp:	219846
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.3	34.9
84	74.6	61.7	92.5

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#32

1,1,1-Trichloroethane

Concen: 54.577 ug/l

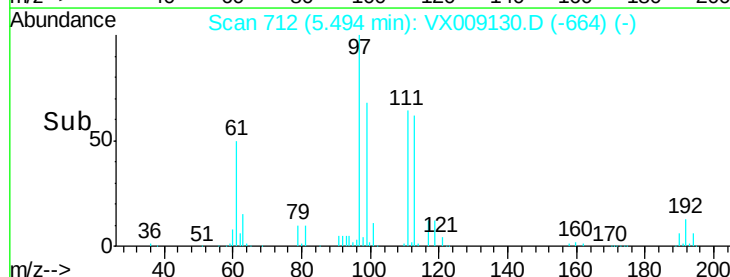
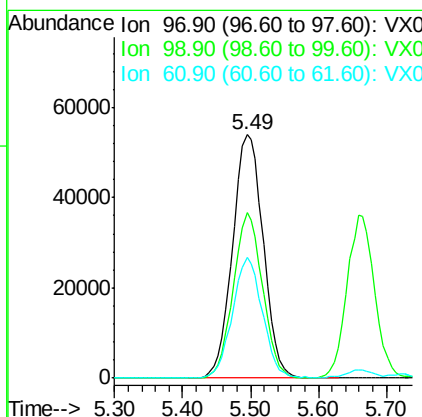
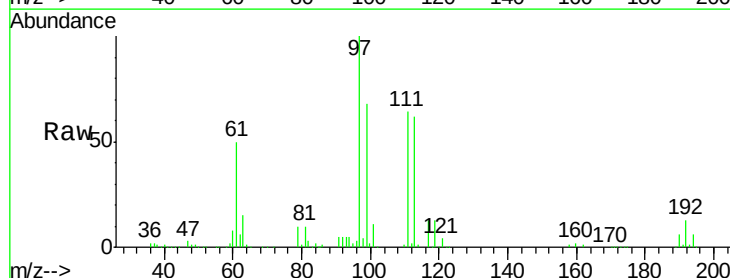
RT: 5.49 min Scan# 712

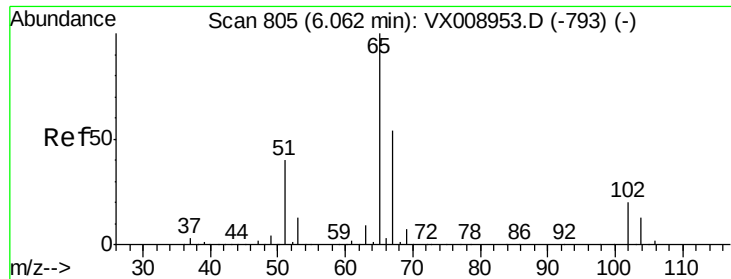
Delta R.T. -0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	97	Resp:	168517
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	48.4	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 52.499 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 65 Resp: 134967

Ion Ratio Lower Upper

65 100

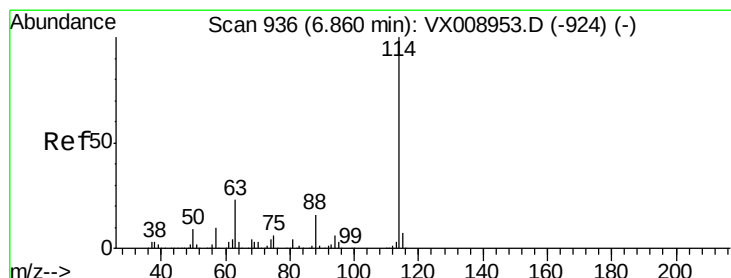
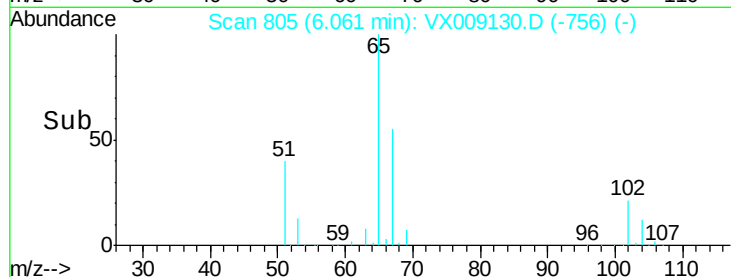
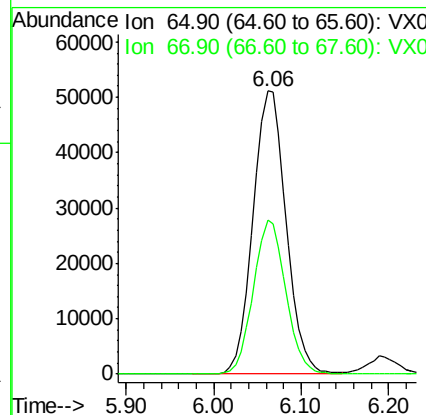
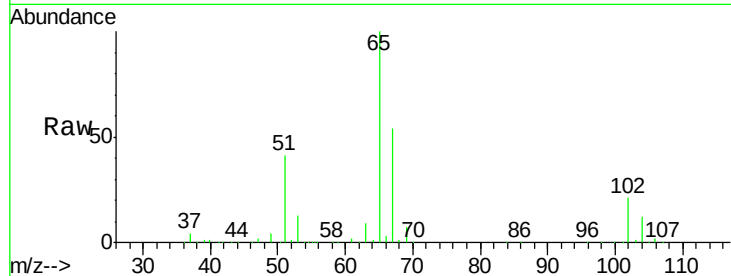
67 53.4 0.0 108.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

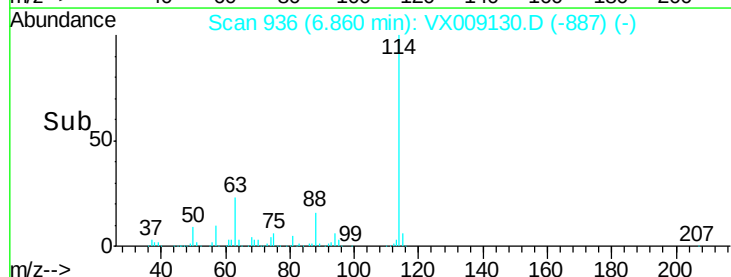
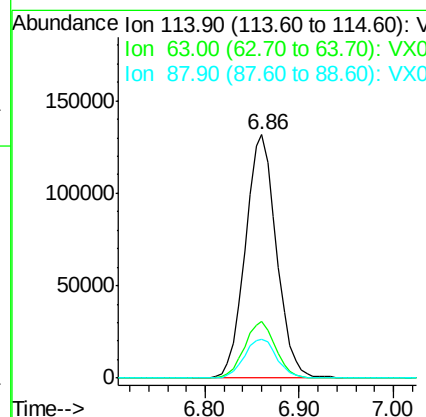
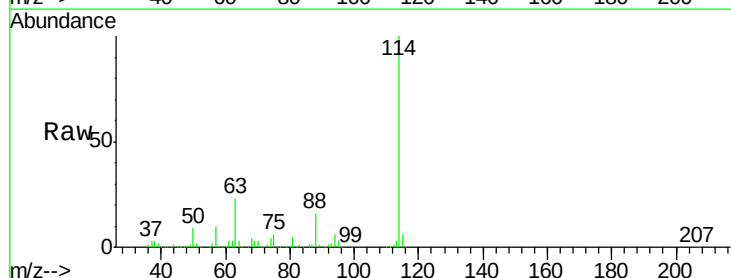
Tgt Ion: 114 Resp: 304508

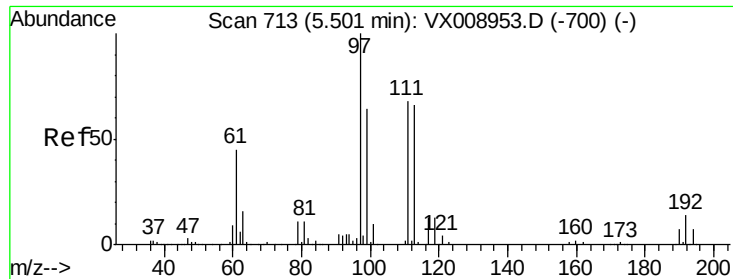
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

88 16.1 0.0 32.6





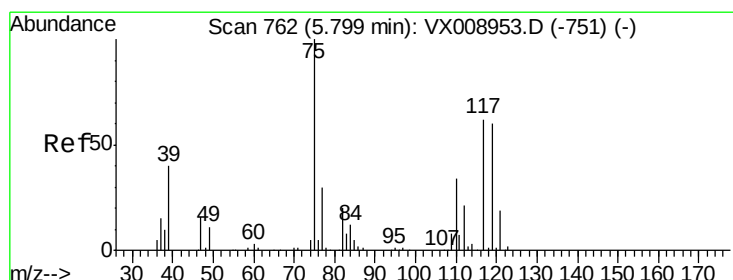
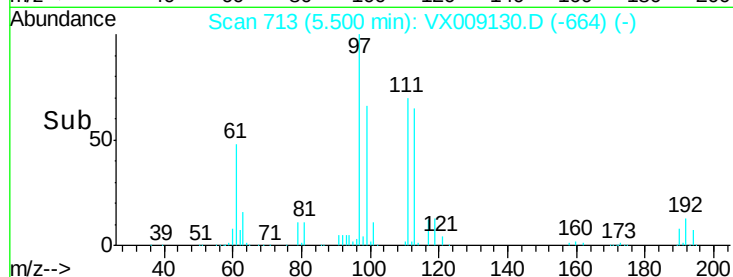
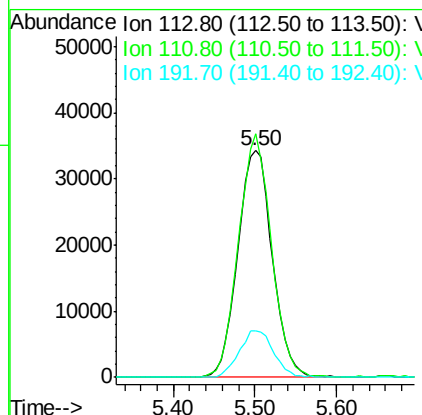
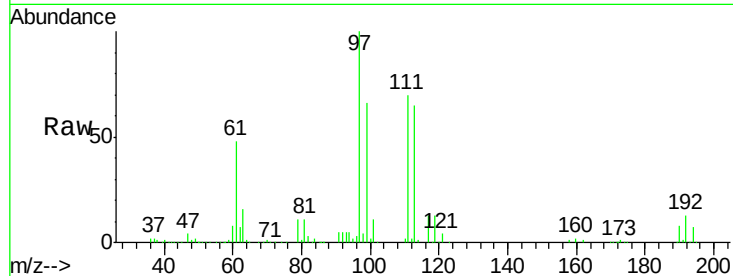
#35
 Dibromofluoromethane
 Concen: 51.371 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100393		
111	102.7	82.9	124.3	
192	20.7	17.4	26.0	

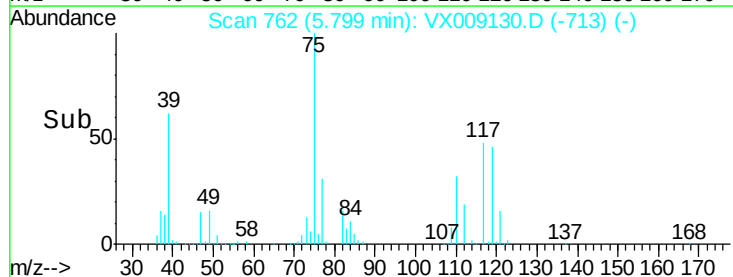
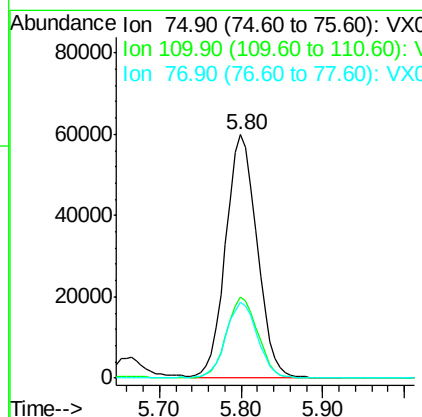
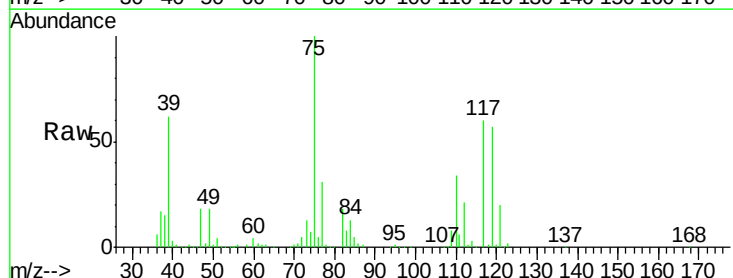
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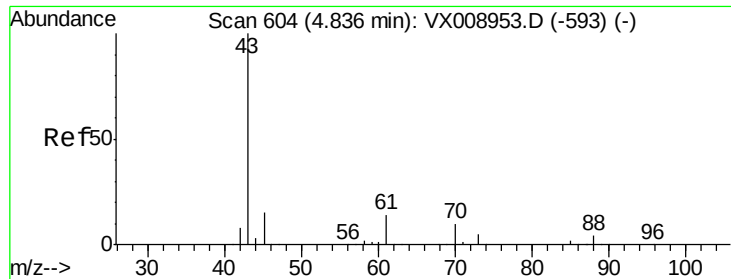
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#36
 1,1-Dichloropropene
 Concen: 50.351 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	158569		
110	33.5	16.9	50.7	
77	31.3	25.0	37.4	





#37

Ethyl Acetate

Concen: 55.055 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

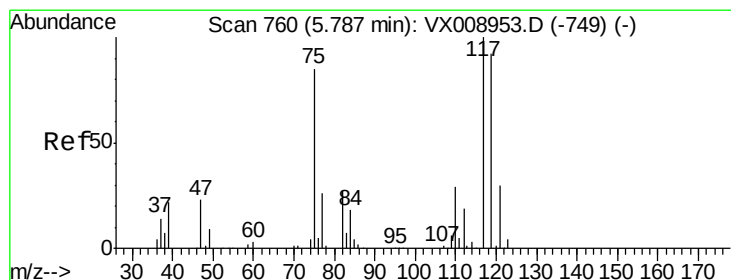
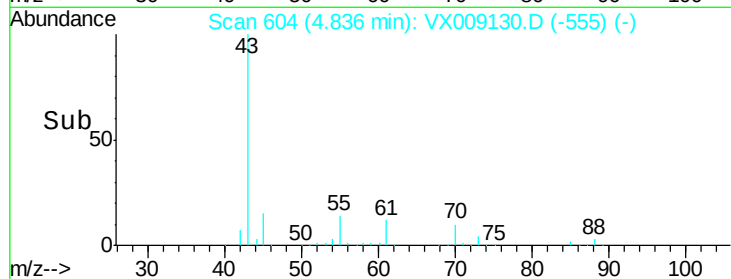
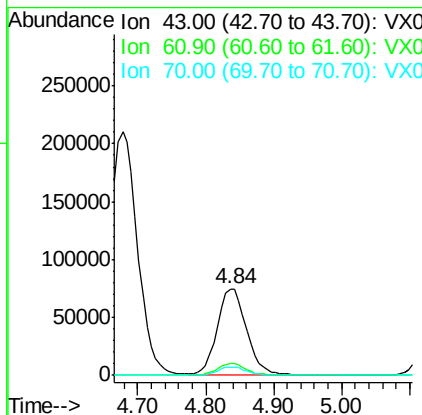
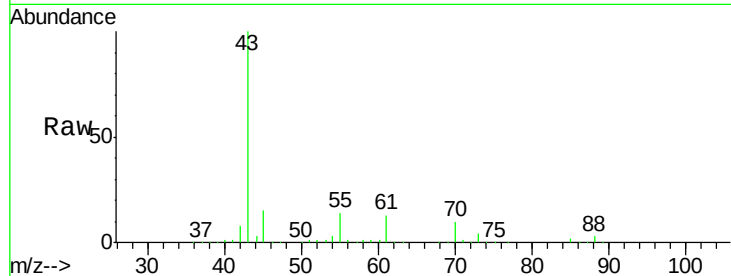
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	43	Resp:	223104
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	15.8
70	9.5	7.7	11.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 52.552 ug/l

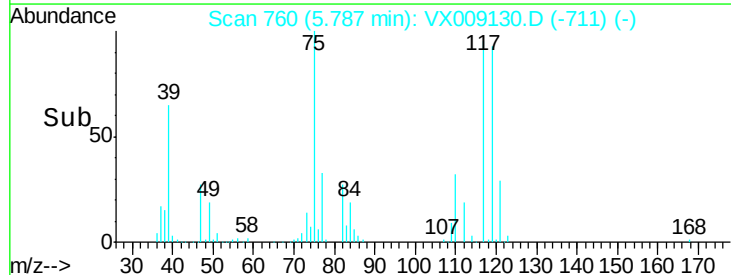
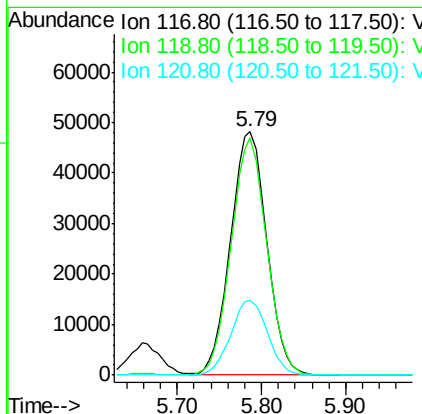
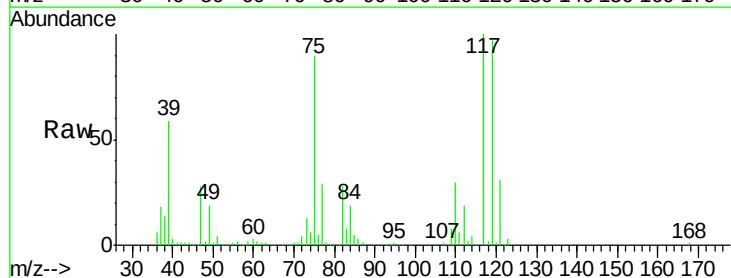
RT: 5.79 min Scan# 760

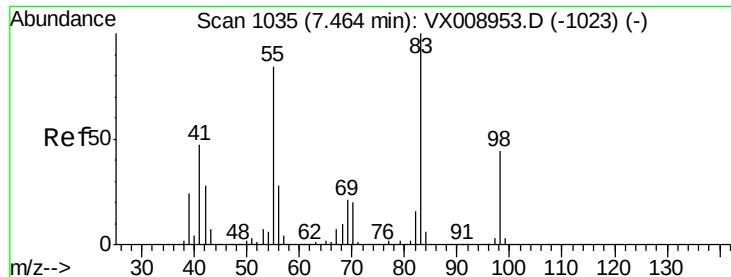
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	117	Resp:	140305
Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.8	110.8
121	30.9	23.6	35.4





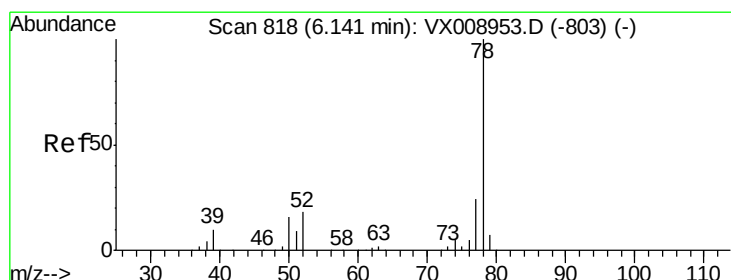
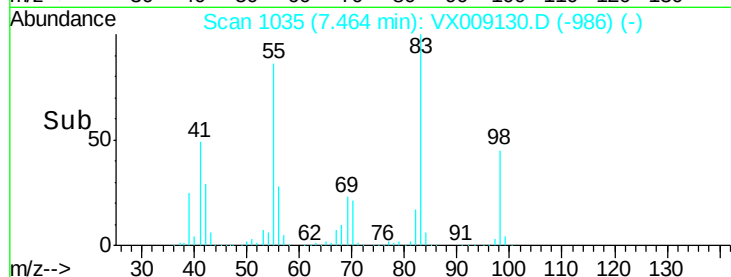
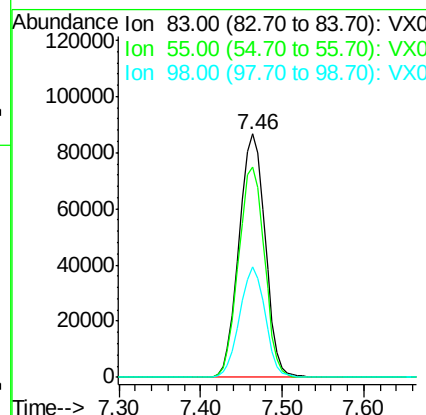
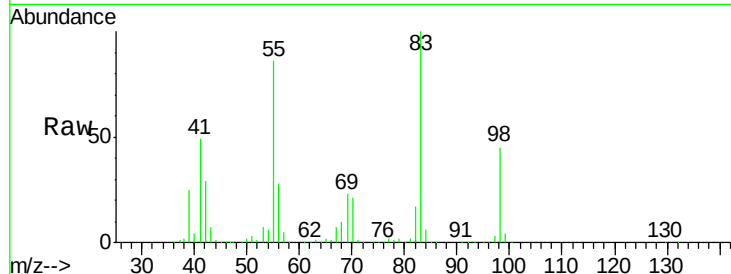
#39
Methylvlcyclohexane
Concen: 49.971 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	67.1	100.7
98	45.2	35.1	52.7

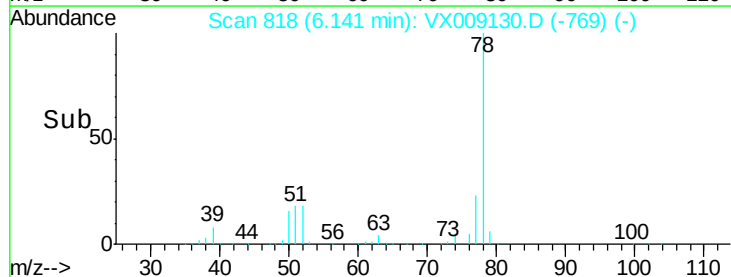
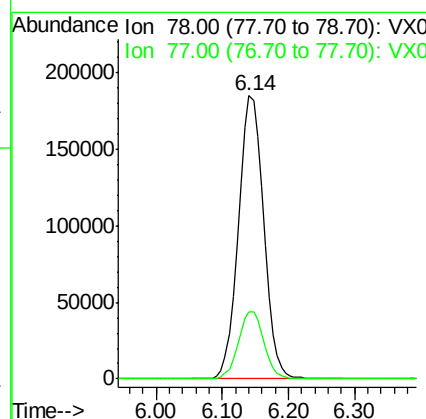
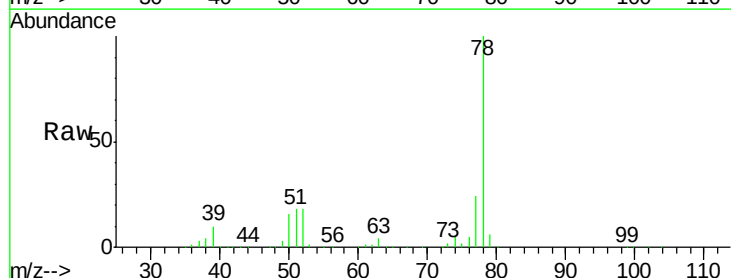
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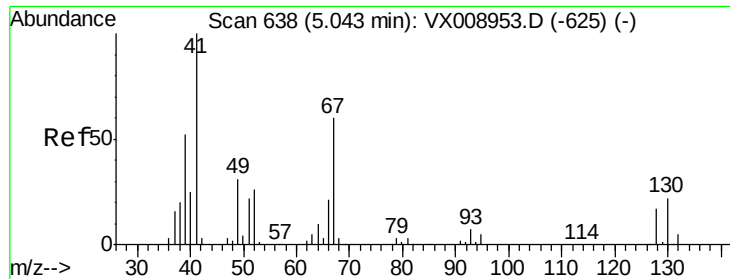
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#40
Benzene
Concen: 52.768 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





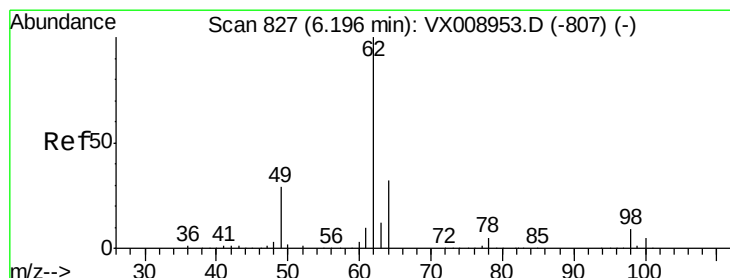
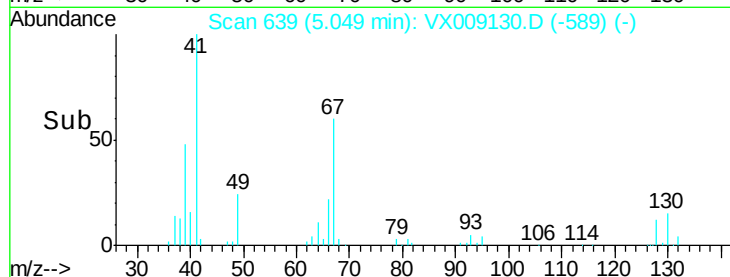
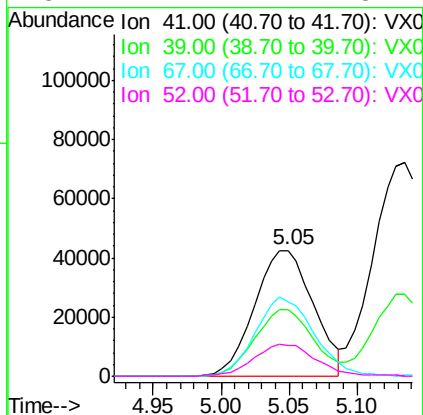
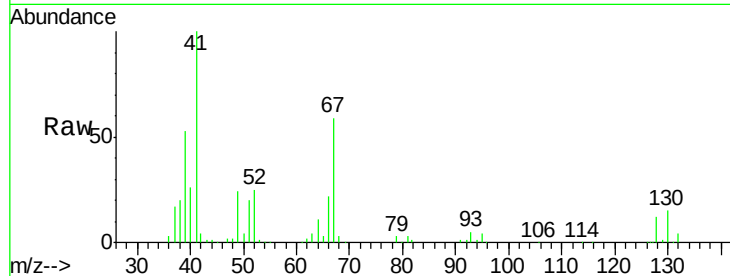
#41
Methacrylonitrile
Concen: 55.064 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	41.8	62.6	
67	63.0	50.2	75.4	
52	27.1	21.1	31.7	

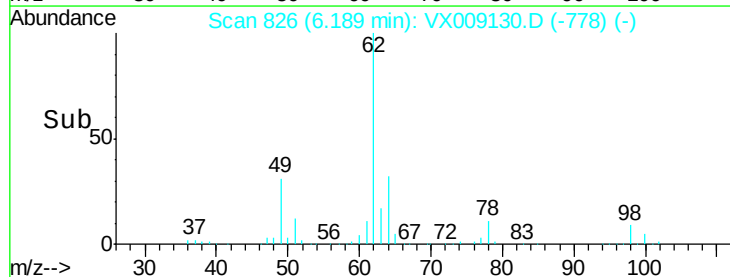
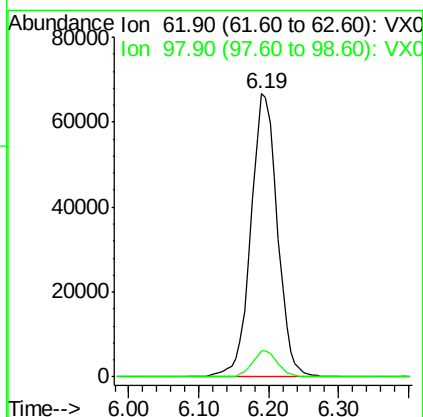
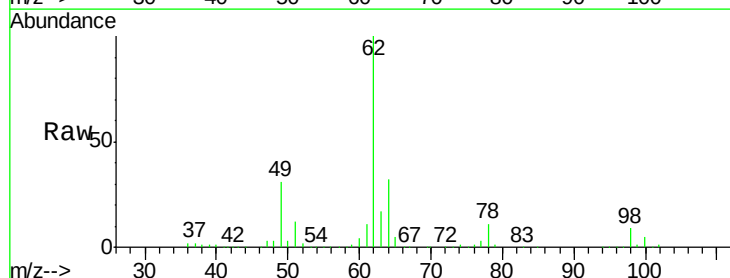
Manual Integrations
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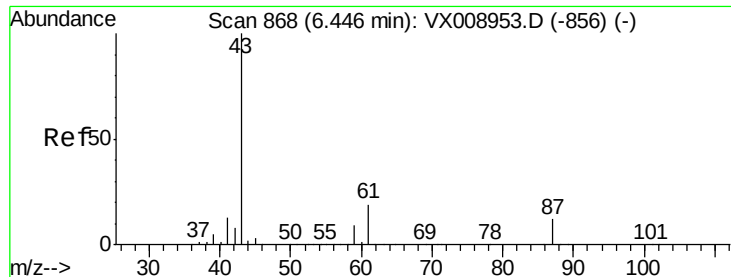
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.325 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.4	





#43

Isopropyl Acetate

Concen: 53.940 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

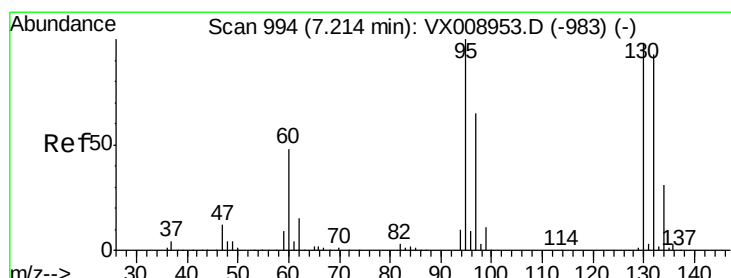
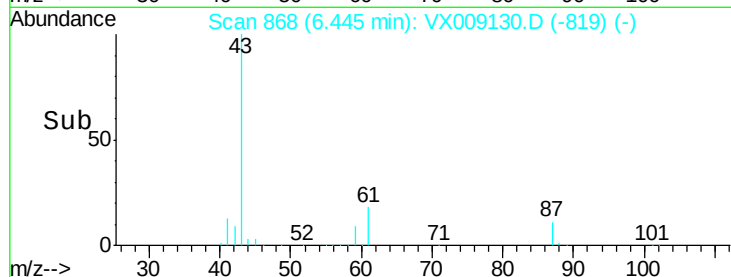
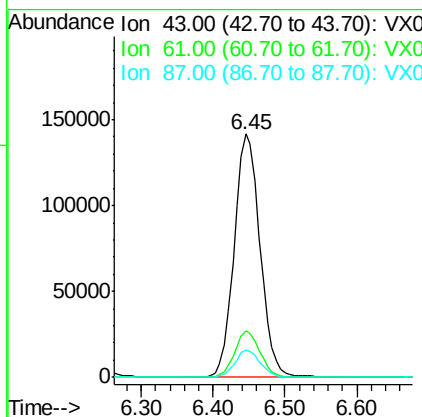
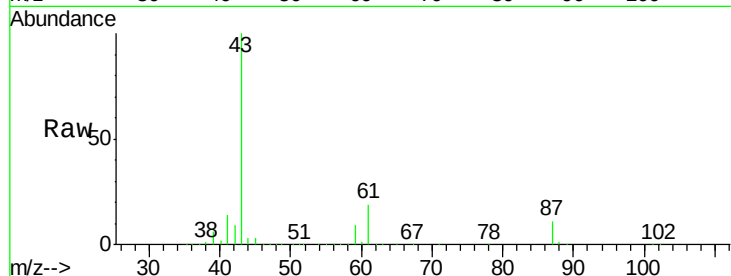
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	43	Resp:	352251
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	11.3	9.0	13.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.834 ug/l

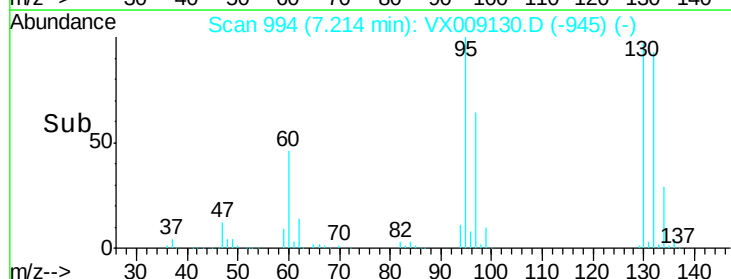
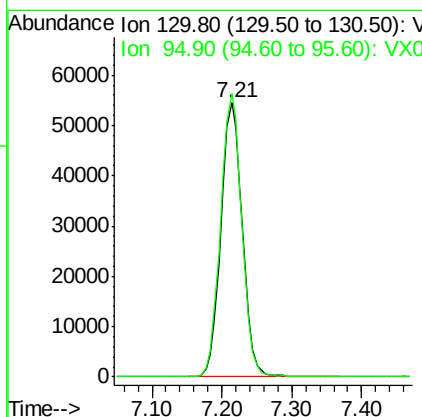
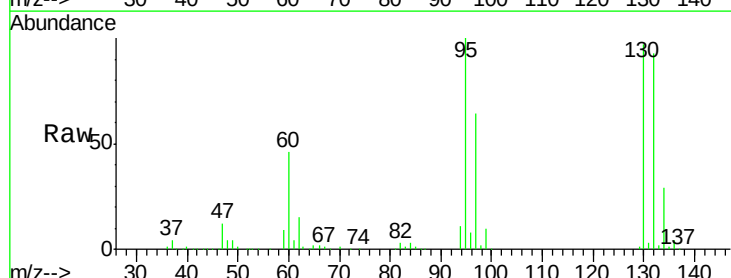
RT: 7.21 min Scan# 994

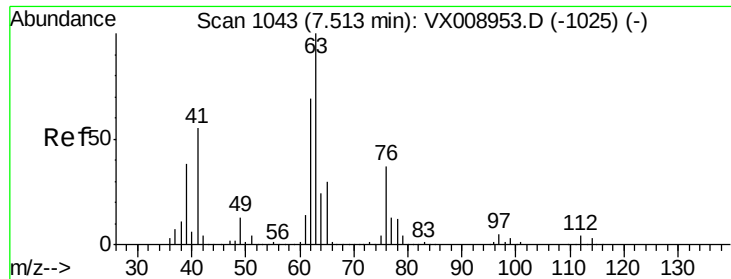
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	130	Resp:	115717
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	203.2





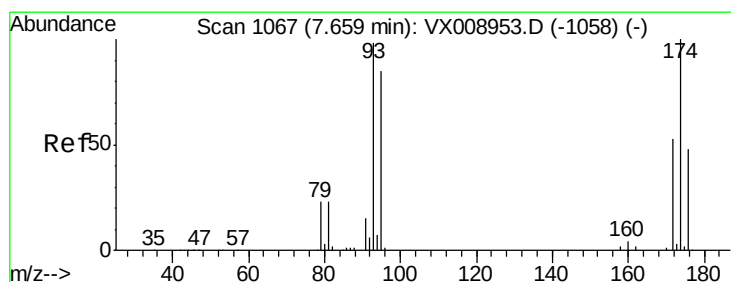
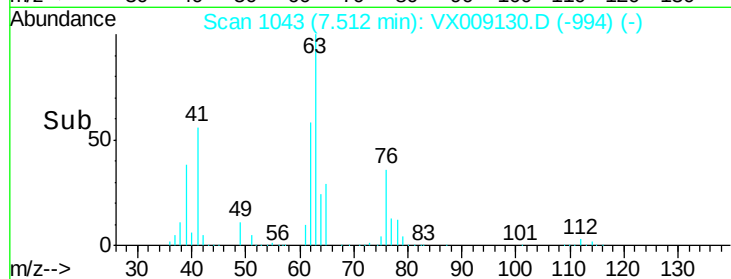
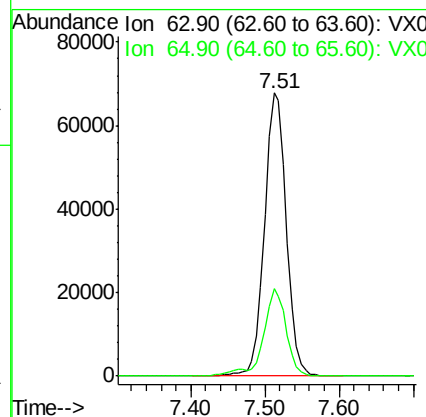
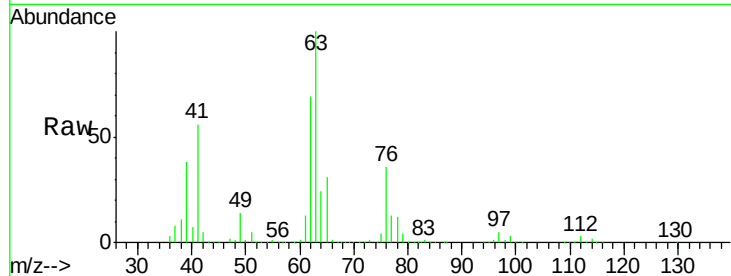
#45
 1,2-Dichloropropane
 Concen: 54.243 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion: 63 Resp: 139808
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.1 36.1

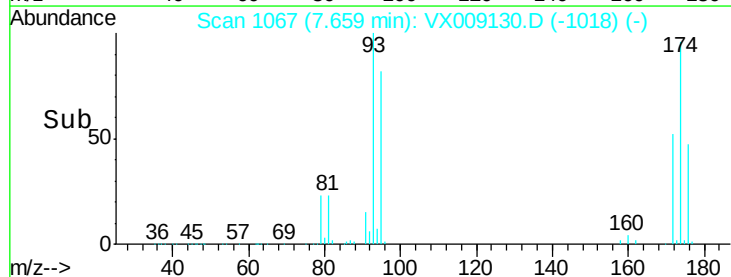
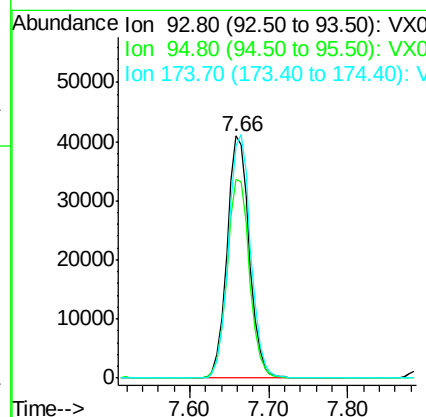
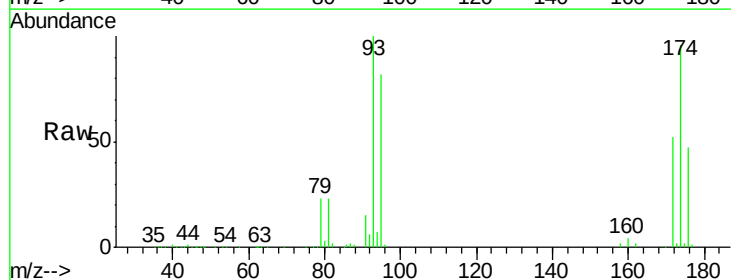
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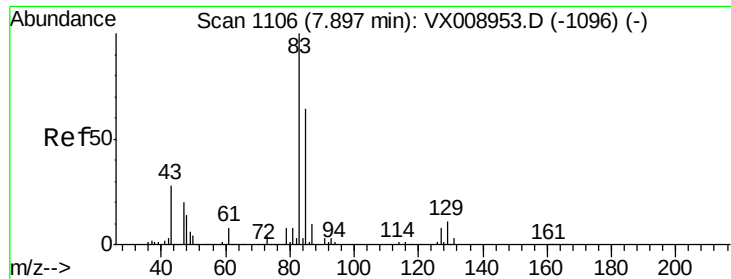
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#46
 Dibromomethane
 Concen: 53.350 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion: 93 Resp: 80025
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.4
 174 100.9 81.6 122.4





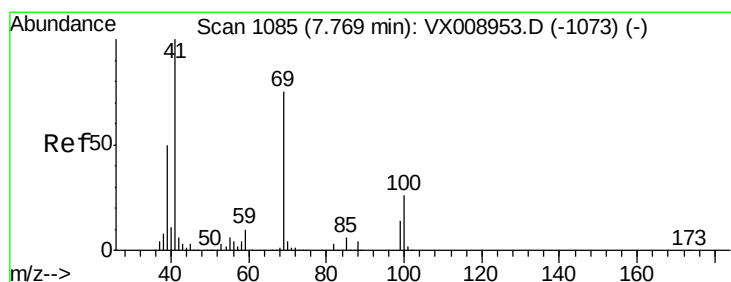
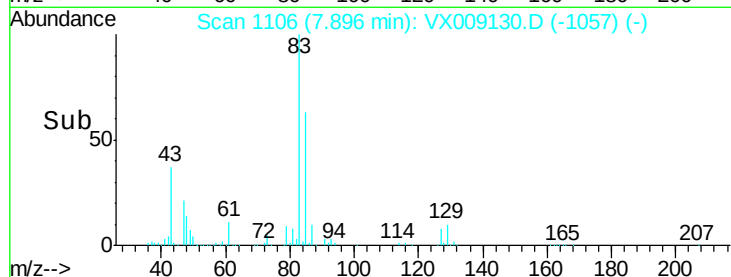
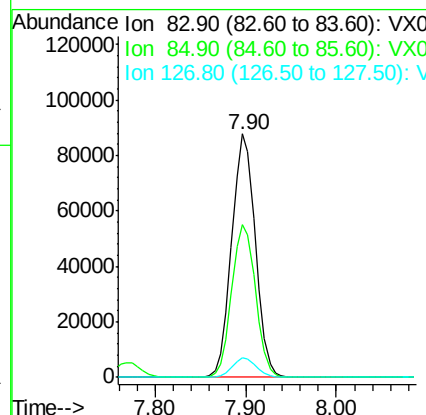
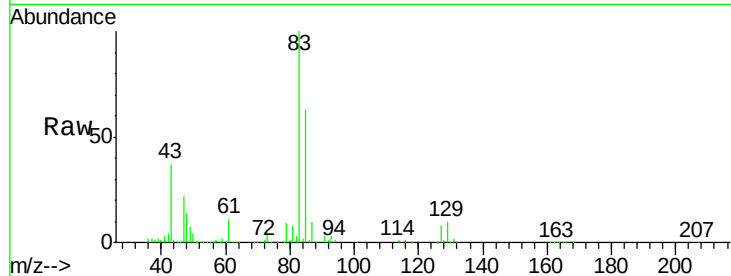
#47
Bromodichloromethane
Concen: 54.078 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	159101		
85	62.9		50.8	76.2
127	8.1		6.4	9.6

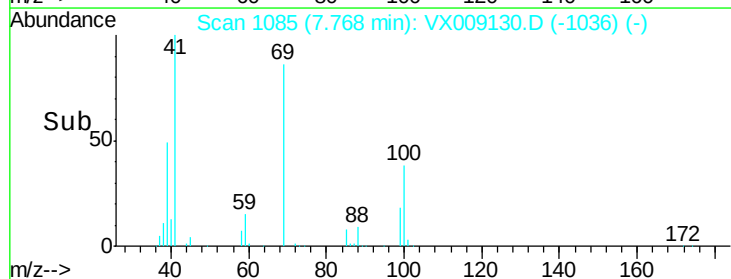
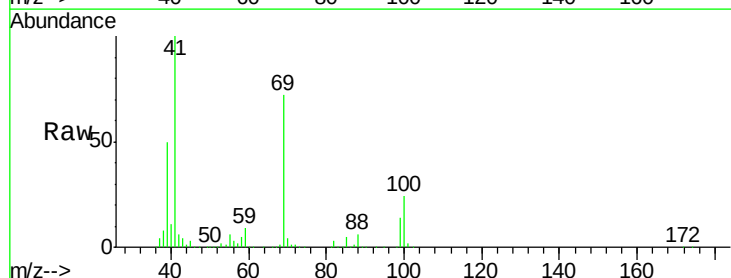
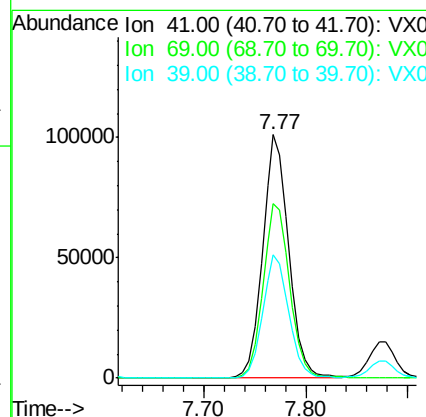
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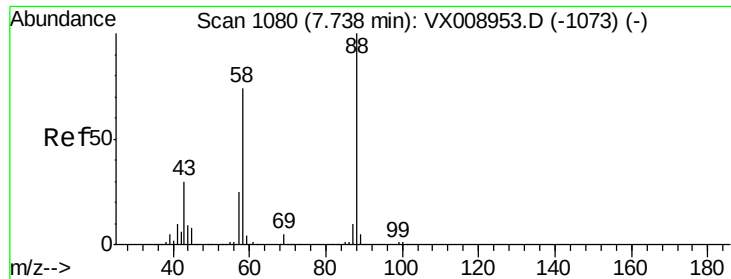
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#48
Methyl methacrylate
Concen: 55.521 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	179152		
69	73.7		59.4	89.2
39	50.5		39.8	59.6





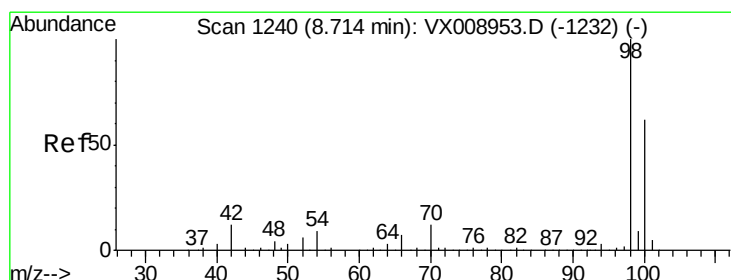
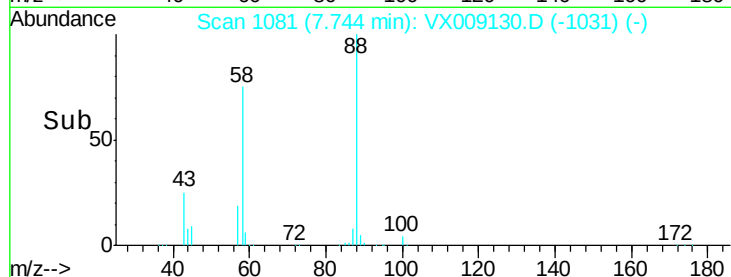
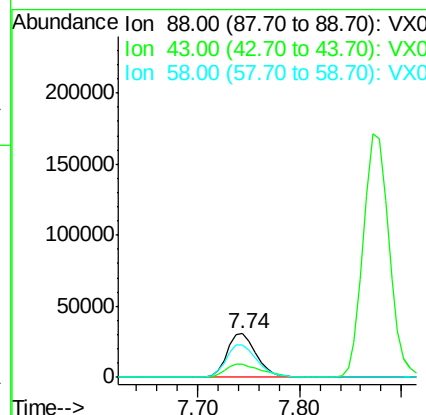
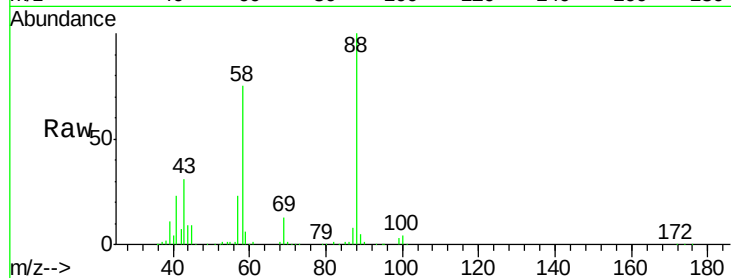
#49
1,4-Dioxane
Concen: 1020.318 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	29.3	43.9
58	78.4	62.6	93.8

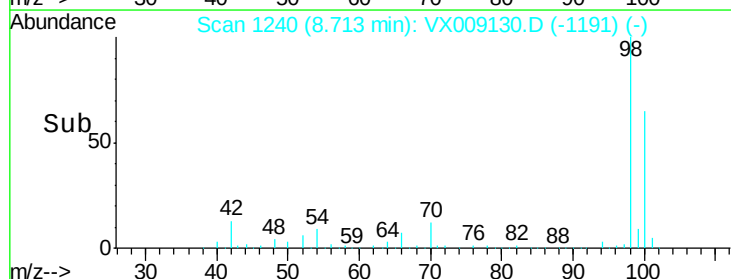
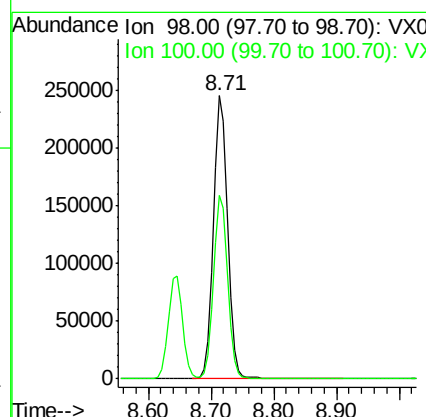
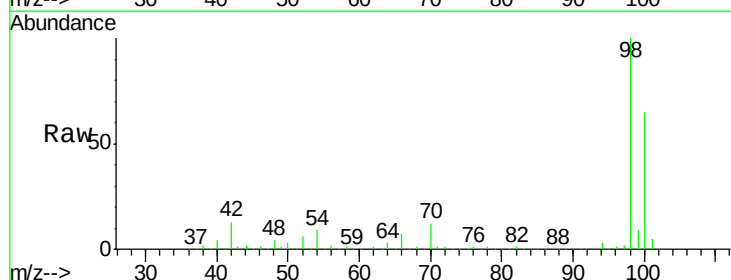
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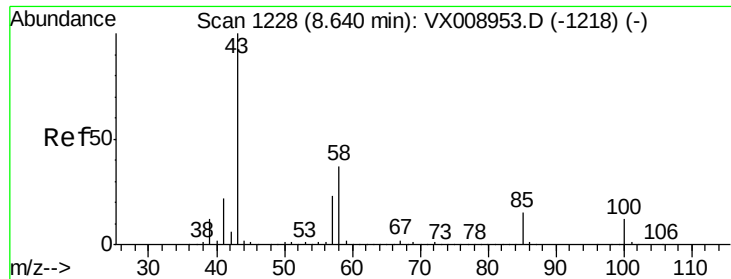
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#50
Toluene-d8
Concen: 49.385 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 277.624 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 43 Resp: 1155023

Ion Ratio Lower Upper

43 100

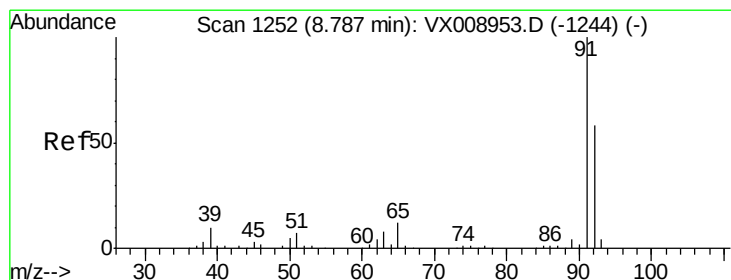
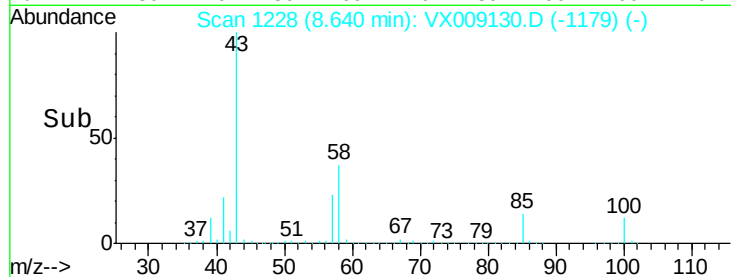
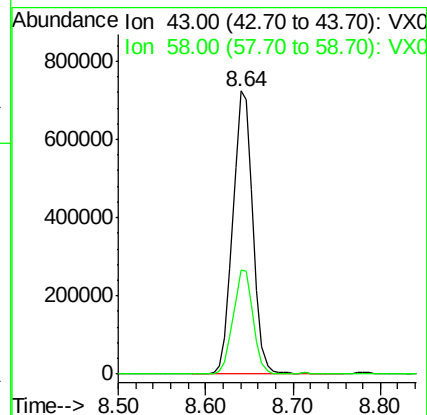
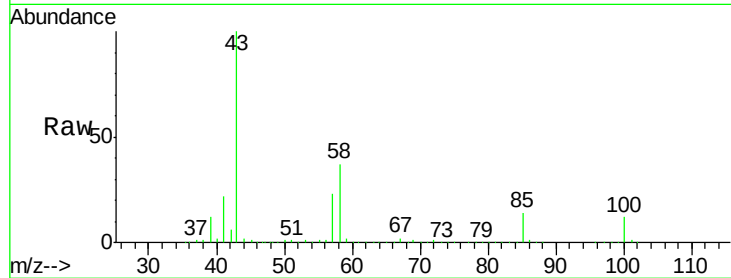
58 36.7 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 51.362 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009130.D

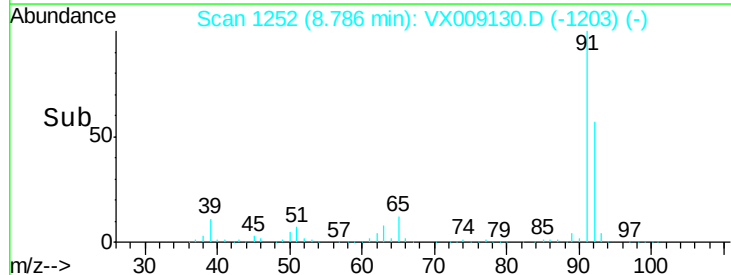
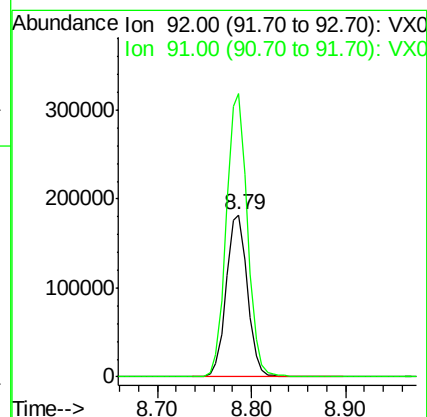
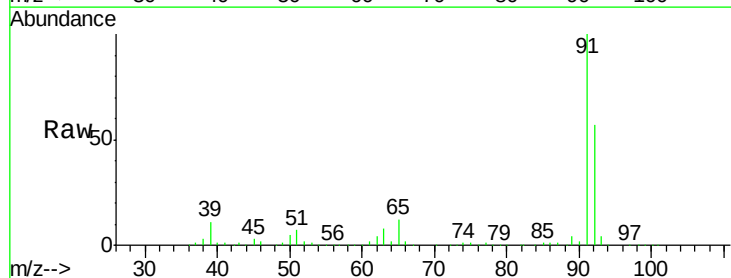
Acq: 23 Apr 2019 18:47

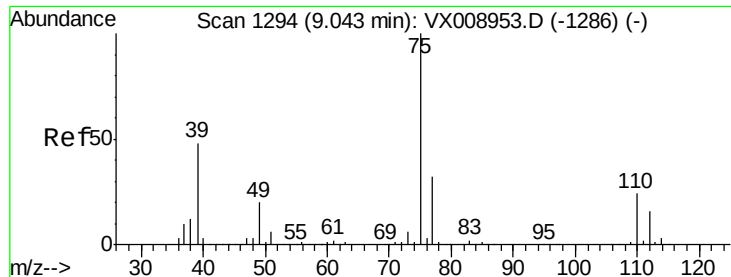
Tgt Ion: 92 Resp: 285986

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7





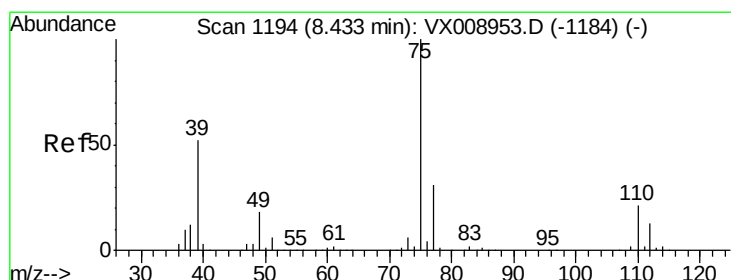
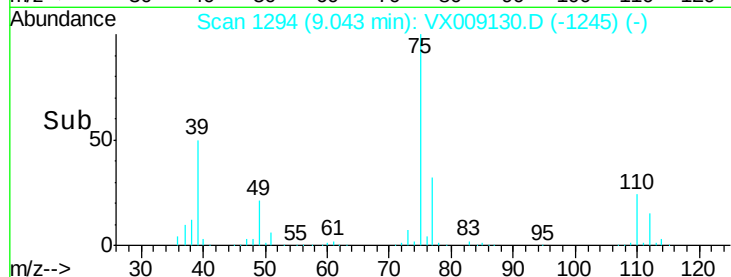
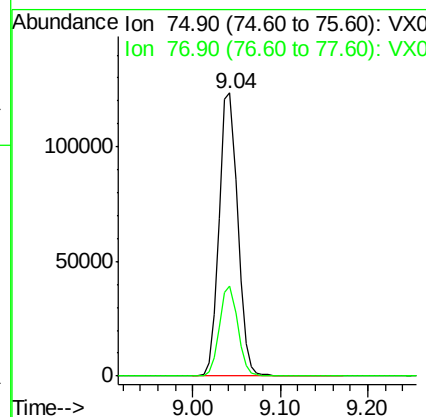
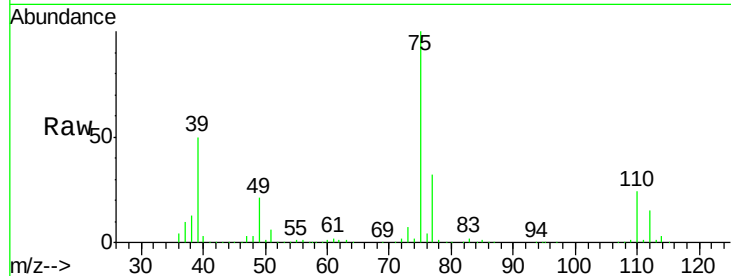
#53
t-1,3-Dichloropropene
Concen: 53.681 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion: 75 Resp: 181758
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

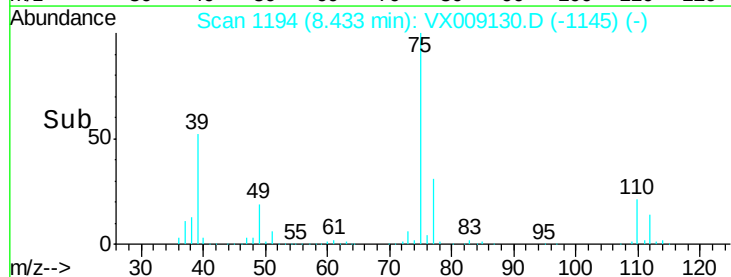
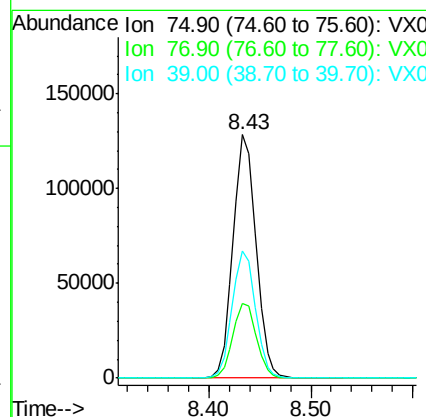
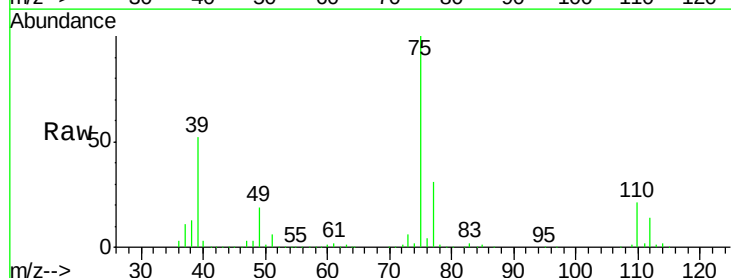
Manual Integrations
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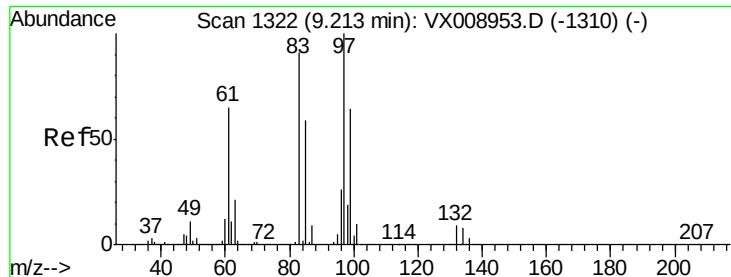
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#54
cis-1,3-Dichloropropene
Concen: 52.826 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion: 75 Resp: 200279
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 52.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 53.694 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

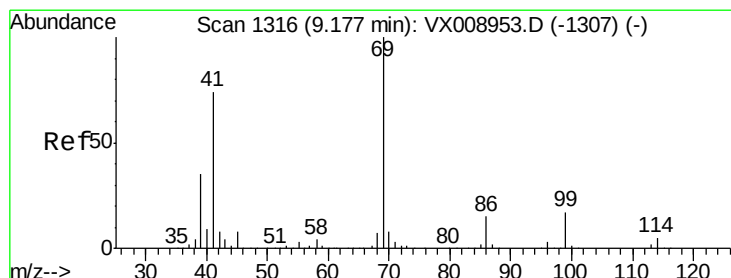
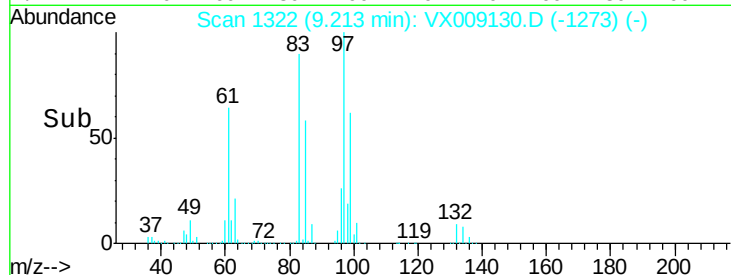
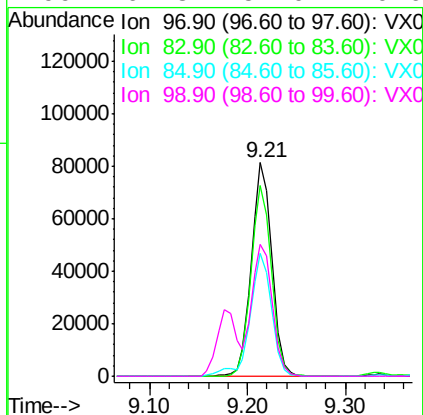
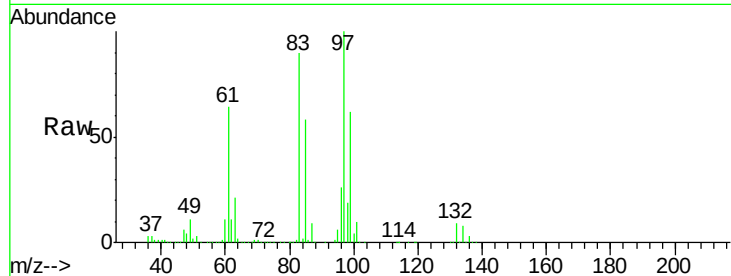
ClientSampleId :

SS042MW024-190422MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118491		
83	89.6	72.6	108.8		
85	57.6	46.9	70.3		
99	61.8	51.0	76.6		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.966 ug/l

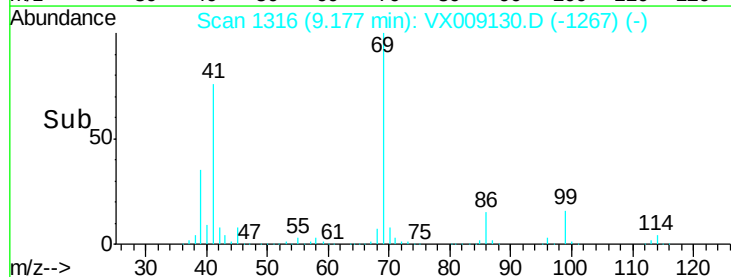
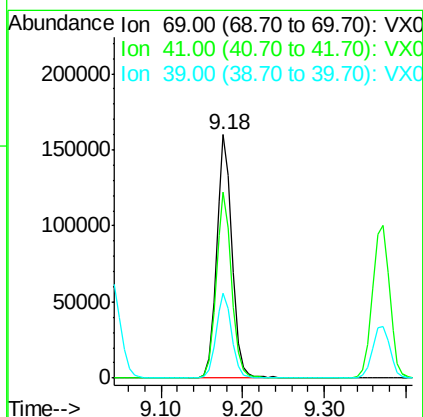
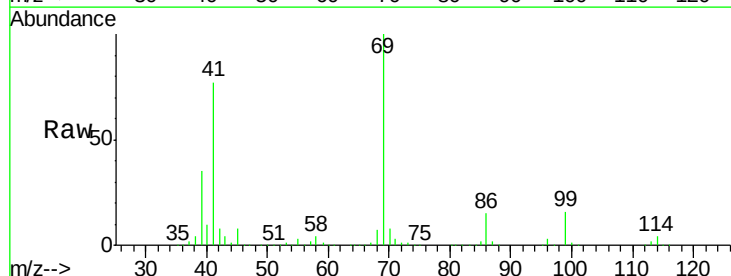
RT: 9.18 min Scan# 1316

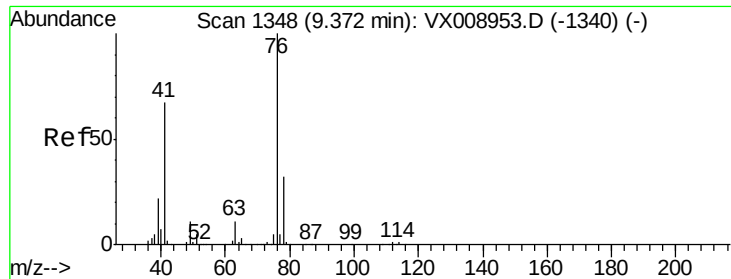
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		213541		
41	76.2	60.2	90.2		
39	35.4	27.9	41.9		





#57

1,3-Dichloropropane

Concen: 53.764 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 76 Resp: 211245

Ion Ratio Lower Upper

76 100

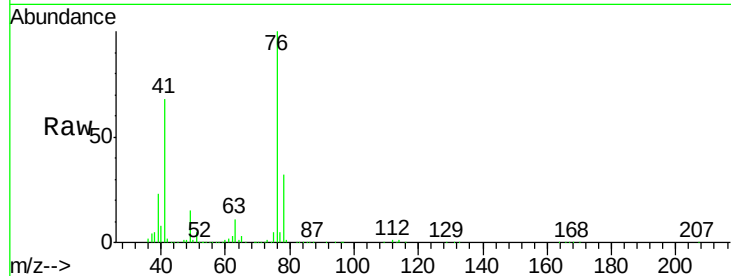
78 32.1 25.7 38.5

Manual Integrations

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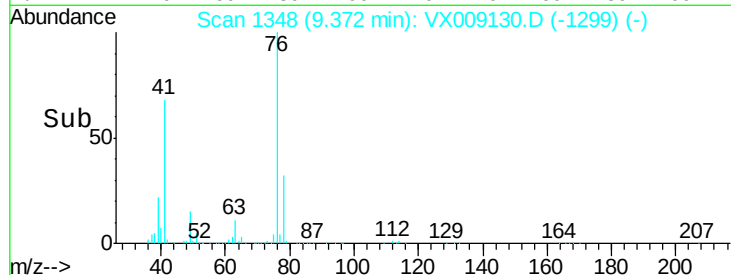
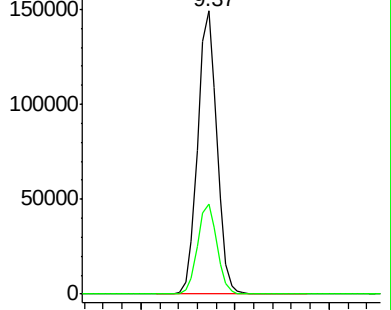
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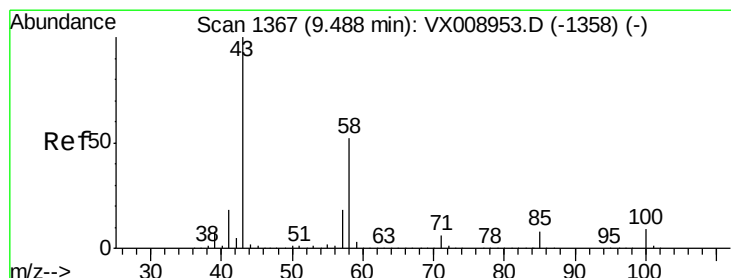


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#59

2-Hexanone

Concen: 274.860 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009130.D

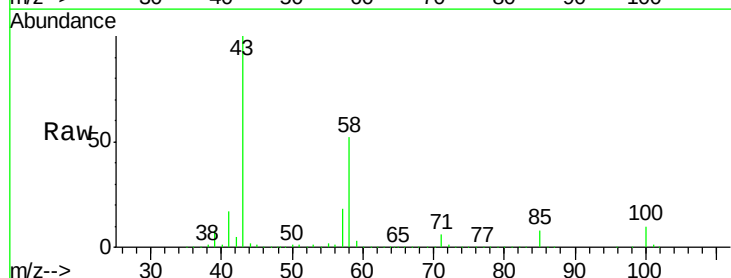
Acq: 23 Apr 2019 18:47

Tgt Ion: 43 Resp: 881635

Ion Ratio Lower Upper

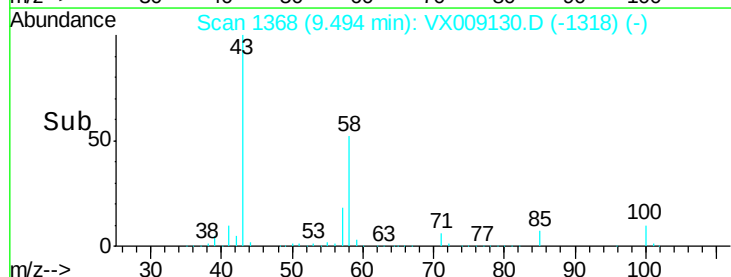
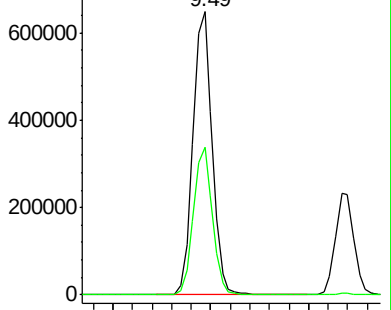
43 100

58 51.6 25.9 77.8

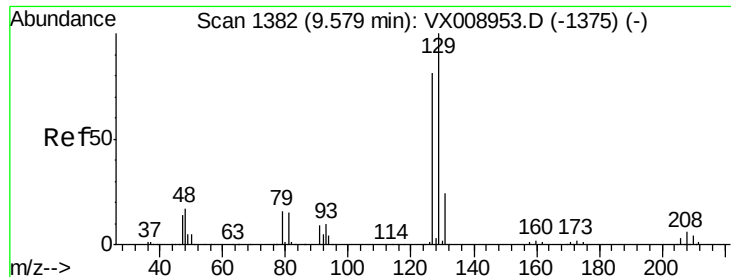


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#60

Dibromochloromethane

Concen: 55.331 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion:129 Resp: 117025

Ion Ratio Lower Upper

129 100

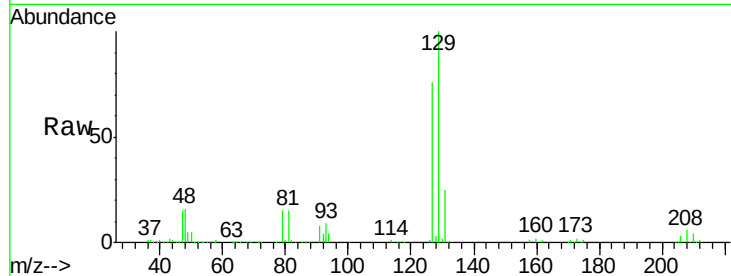
127 77.2 39.1 117.2

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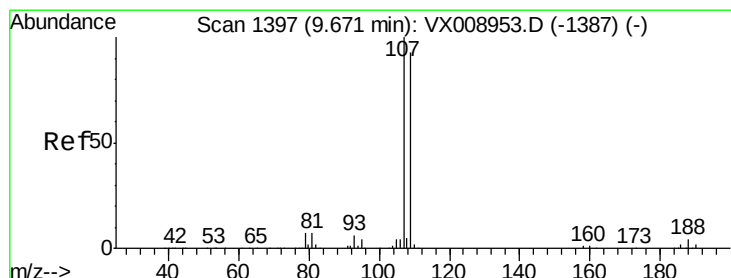
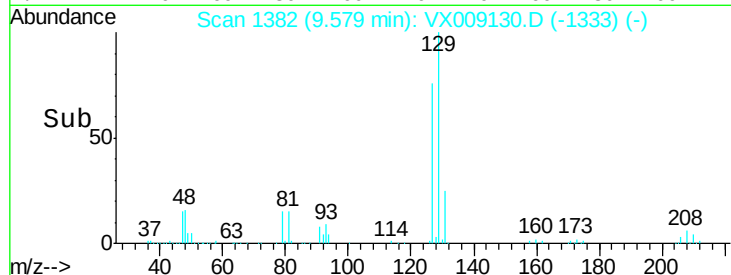
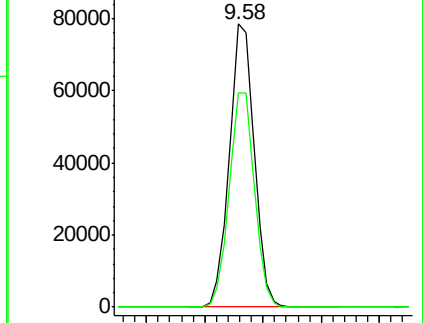
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.974 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009130.D

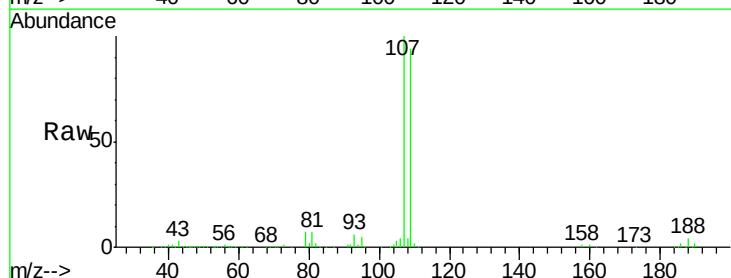
Acq: 23 Apr 2019 18:47

Tgt Ion:107 Resp: 122929

Ion Ratio Lower Upper

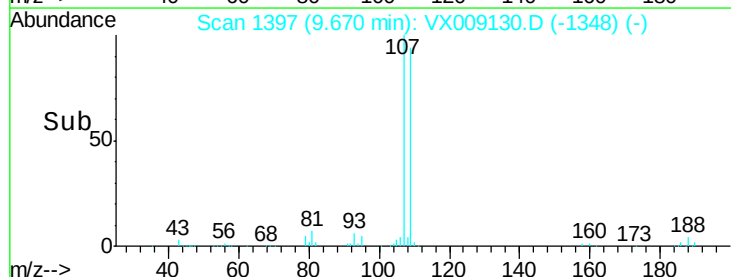
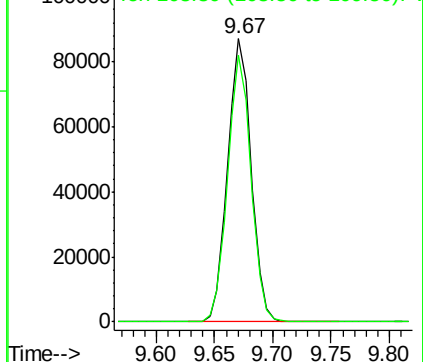
107 100

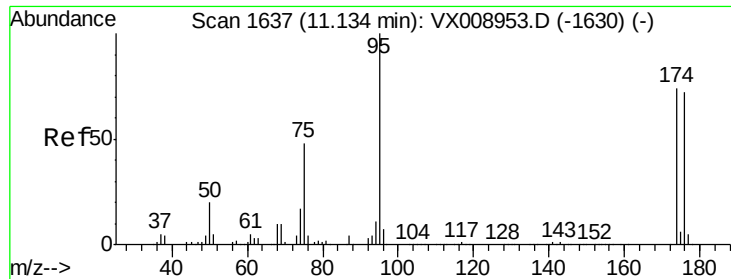
109 93.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.062 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

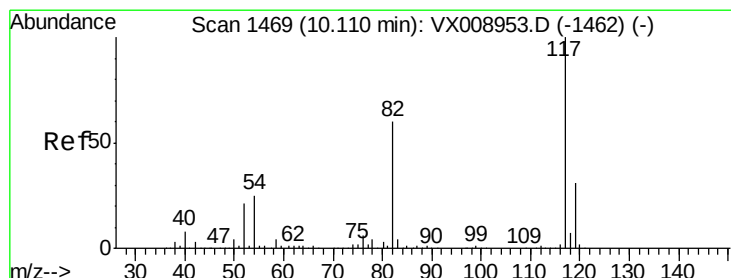
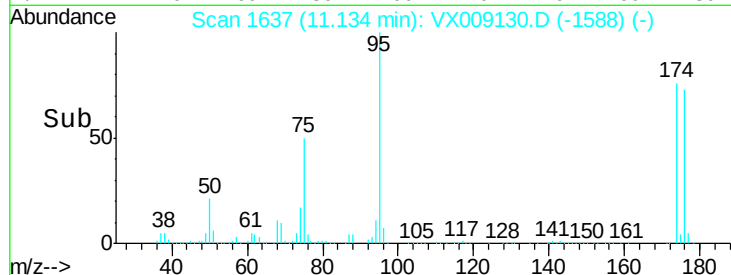
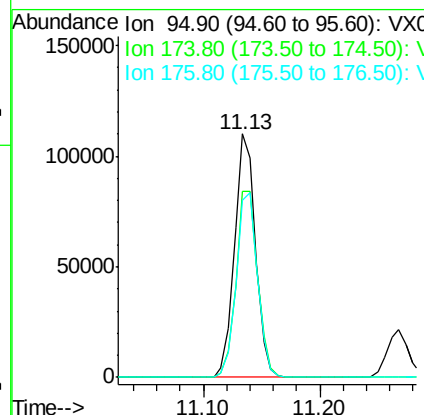
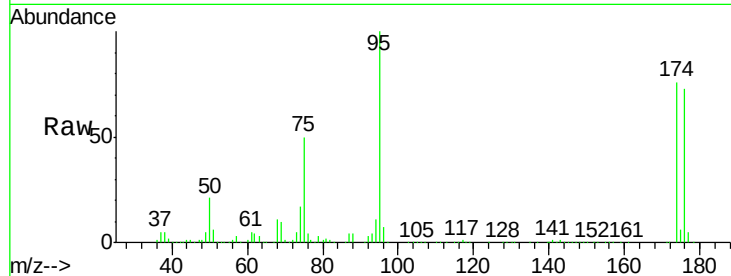
ClientSampleId :

SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	137731		
174	79.1	0.0	159.6	
176	77.2	0.0	154.8	

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

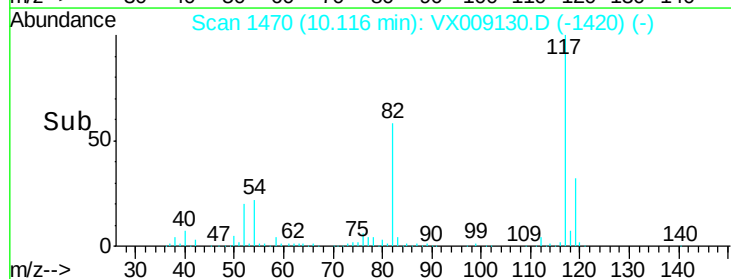
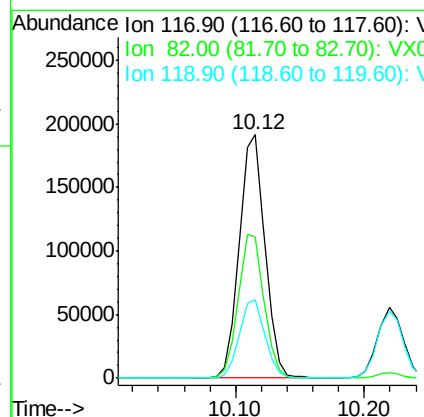
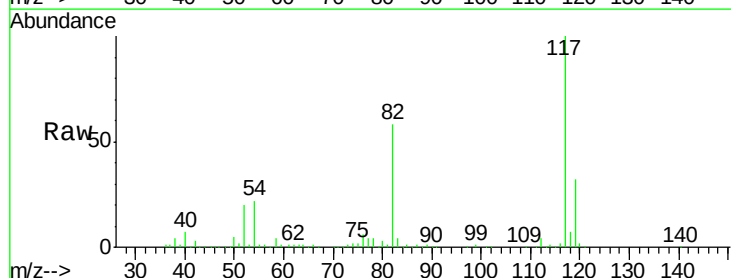
RT: 10.12 min Scan# 1470

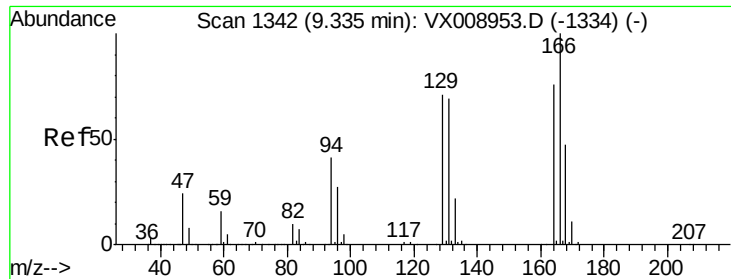
Delta R.T. 0.01 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	266111		
82	58.0	48.2	72.4	
119	32.4	25.0	37.6	





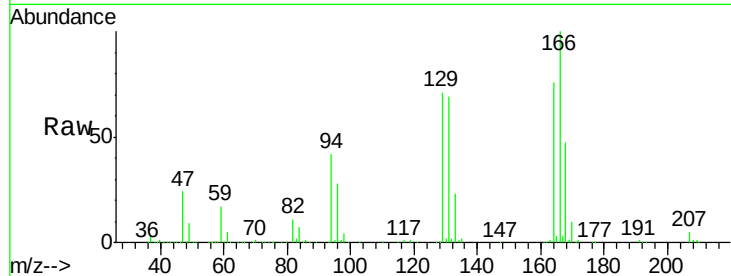
#64
 Tetrachloroethene
 Concen: 46.739 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

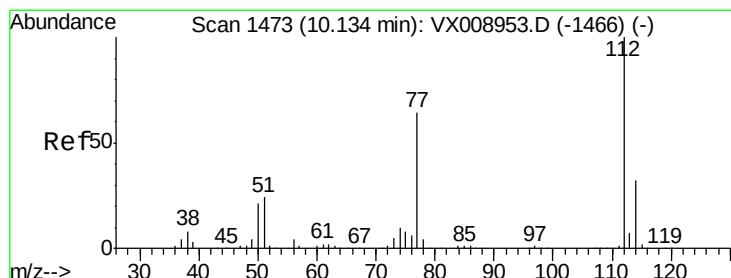
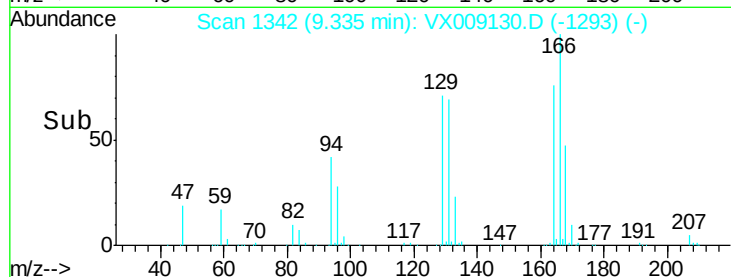
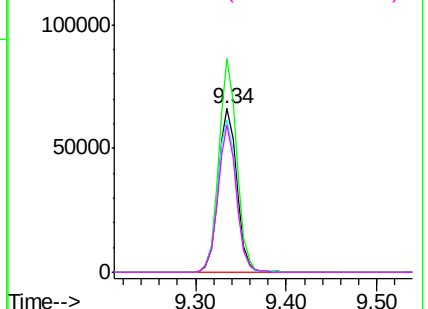
Tot Ion	164	166	129	131
Ratio	100	130.8	93.2	90.4
Lower		105.0	74.2	72.2
Upper		157.4	111.4	108.2

Manual Integrations
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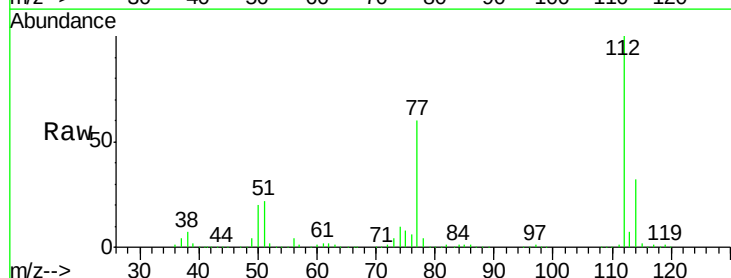


Abundance Ion 163.80 (163.50 to 164.50): V
 Ion 165.80 (165.50 to 166.50): V
 Ion 128.80 (128.50 to 129.50): V
 Ion 130.80 (130.50 to 131.50): V

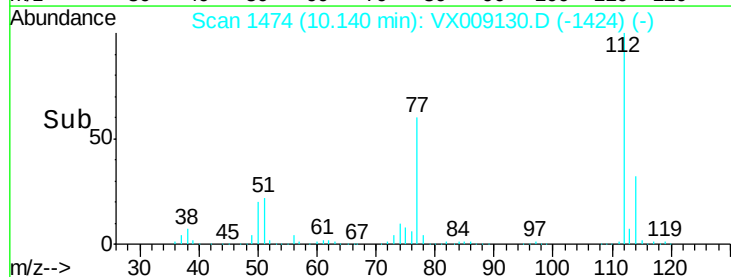
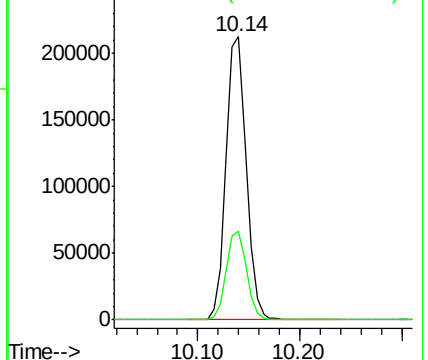


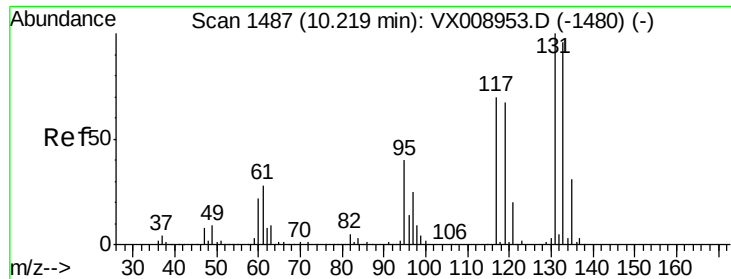
#65
 Chlorobenzene
 Concen: 52.037 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	112	114
Ratio	100	31.6
Lower		25.4
Upper		38.0



Abundance Ion 111.90 (111.60 to 112.60): V
 Ion 113.90 (113.60 to 114.60): V





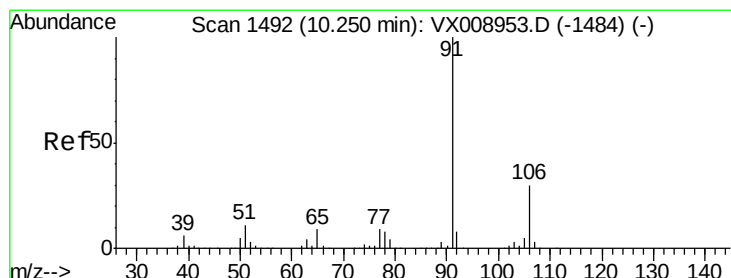
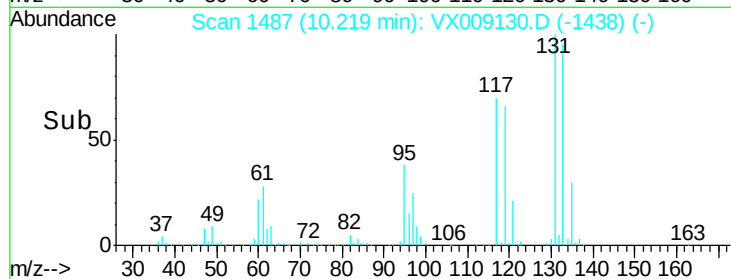
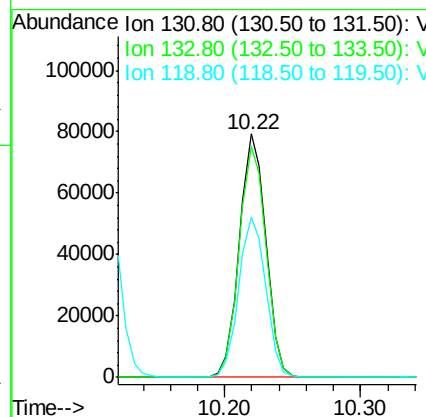
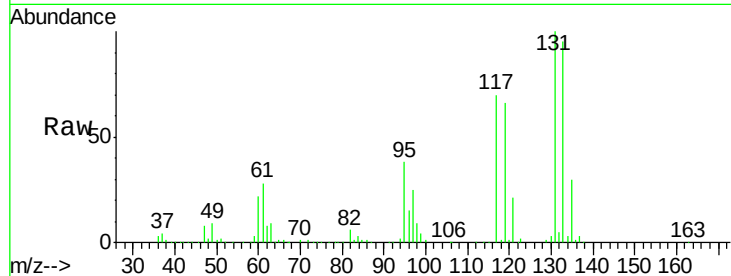
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.291 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.0	144.2
119	67.2	33.7	101.1

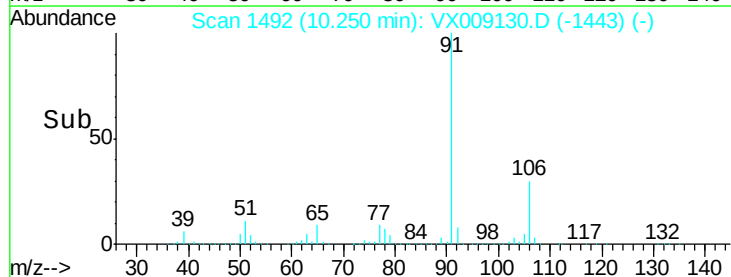
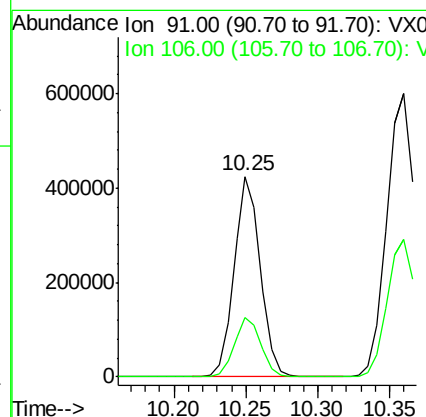
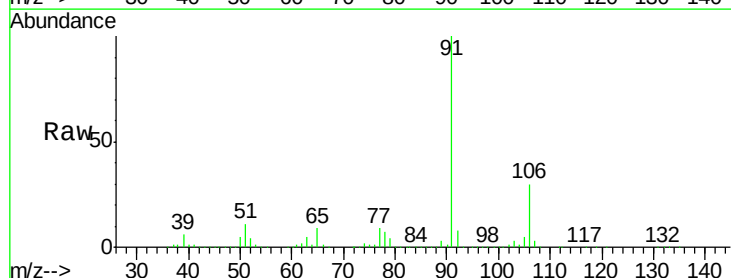
Manual Integrations
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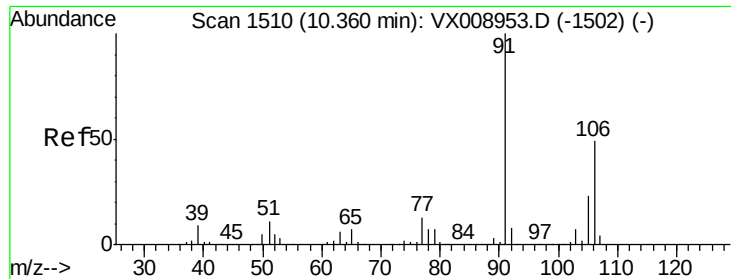
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#67
 Ethyl Benzene
 Concen: 52.883 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.3	36.5





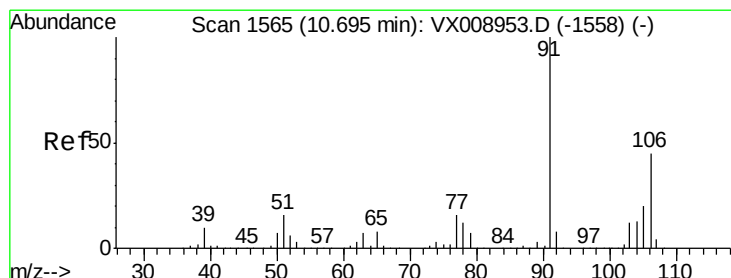
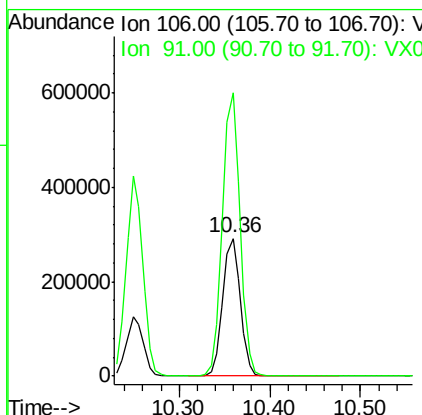
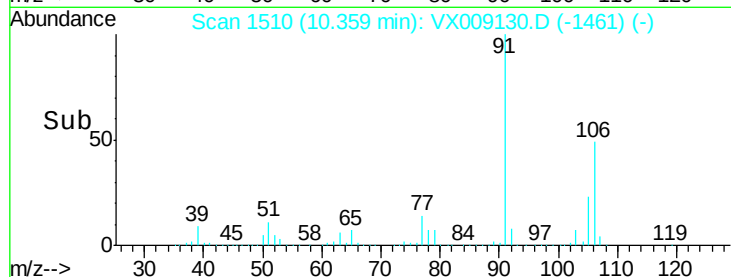
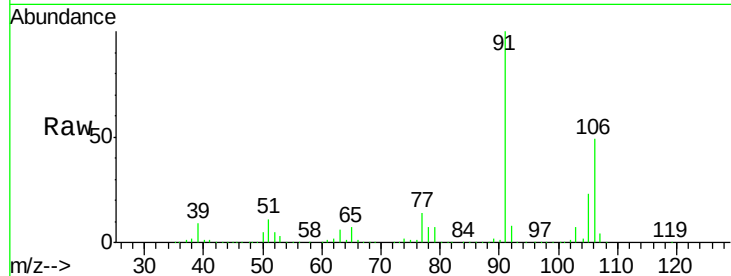
#68
m/p-Xylenes
Concen: 106.168 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion:106 Resp: 396178
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.2

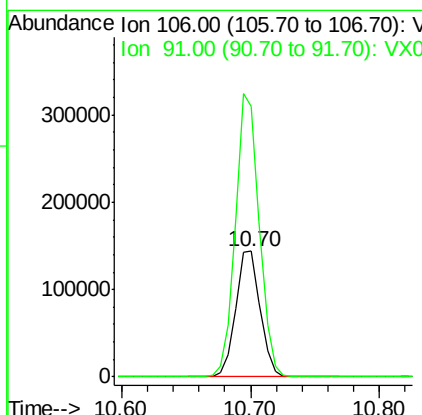
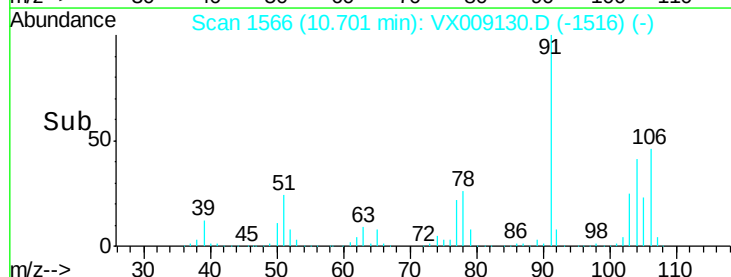
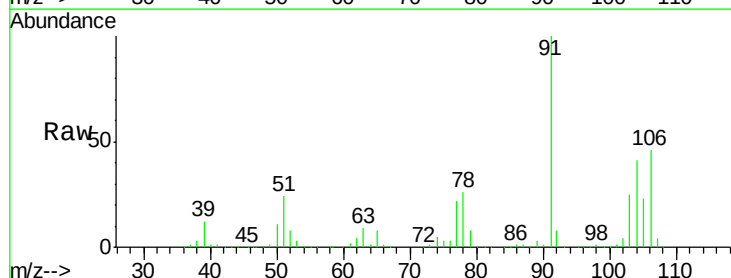
Manual Integrations
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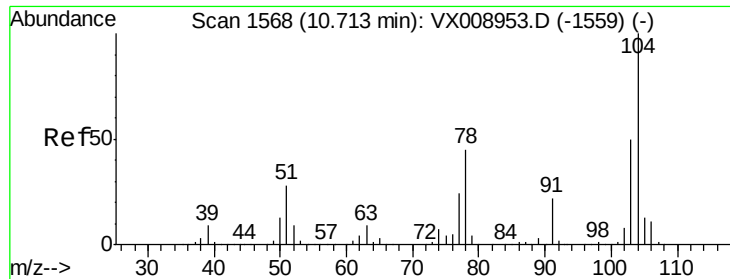
MMDadoda
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#69
o-Xylene
Concen: 52.596 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion:106 Resp: 190970
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.7





#70

Stvrene

Concen: 53.065 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion:104 Resp: 333888

Ion Ratio Lower Upper

104 100

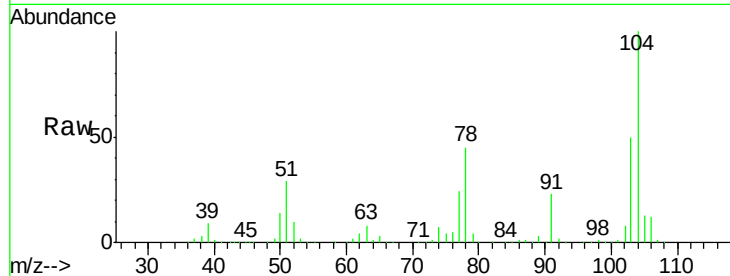
78 52.4 41.2 61.8

103 55.1 43.9 65.9

Manual Integrations
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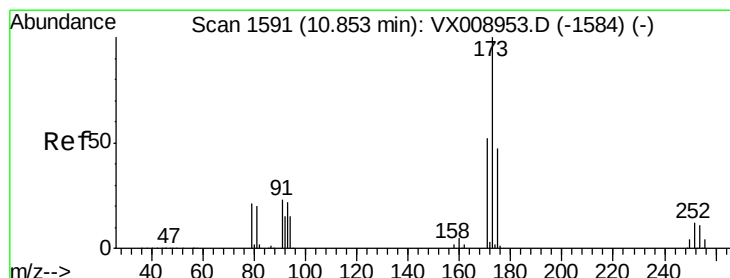
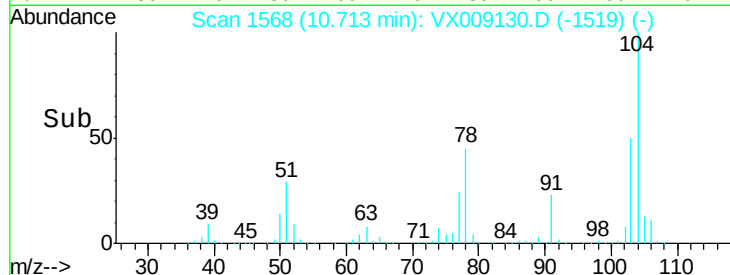
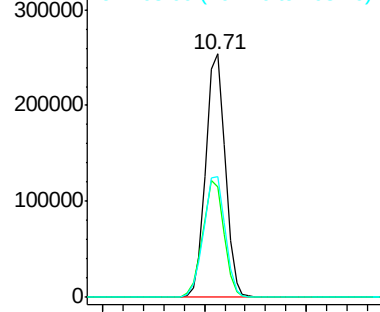
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.832 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

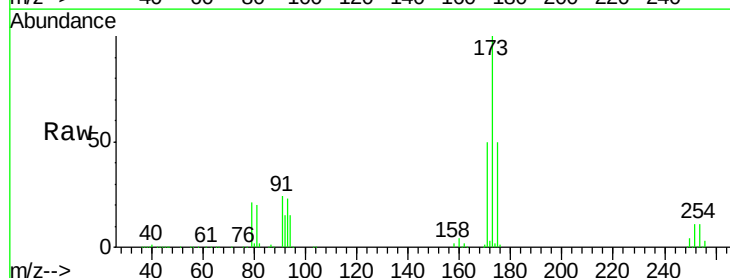
Tgt Ion:173 Resp: 86440

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.8

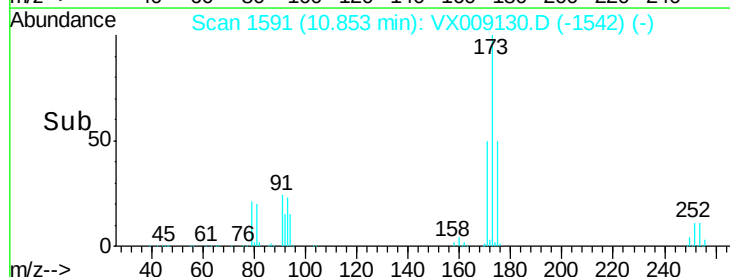
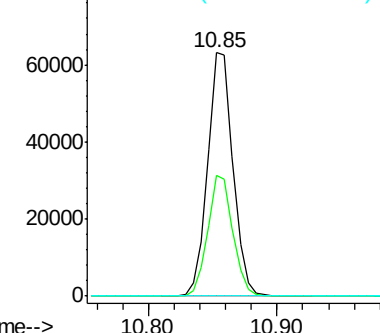
254 0.1 0.2 0.4#

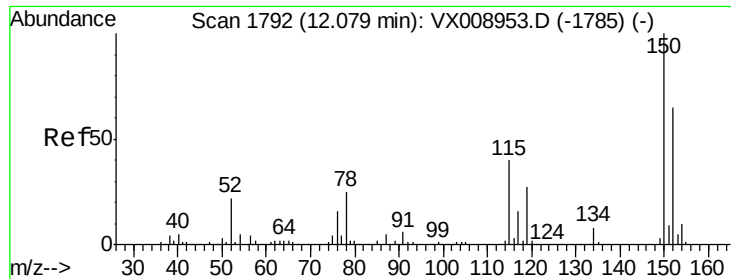


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

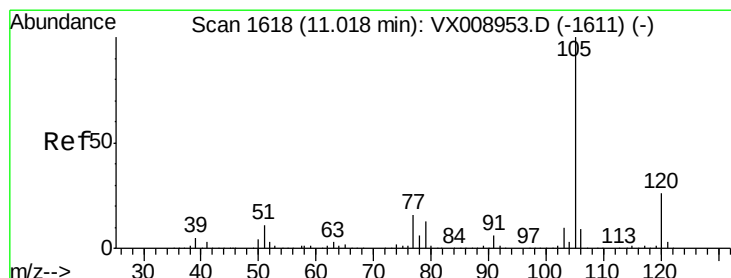
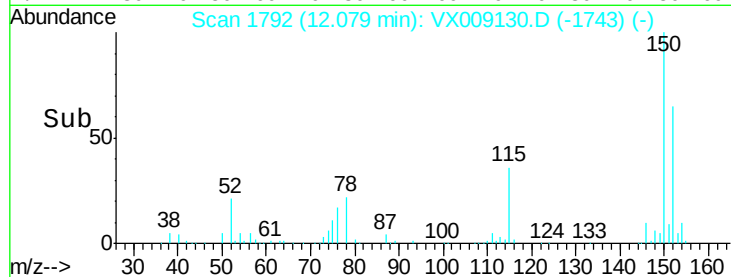
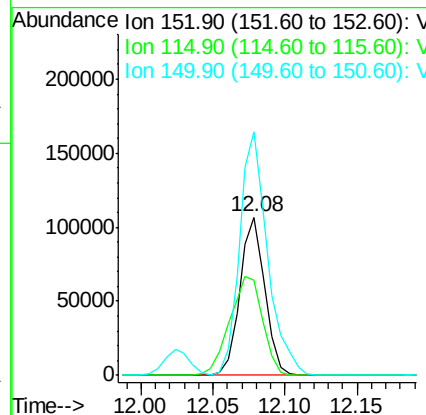
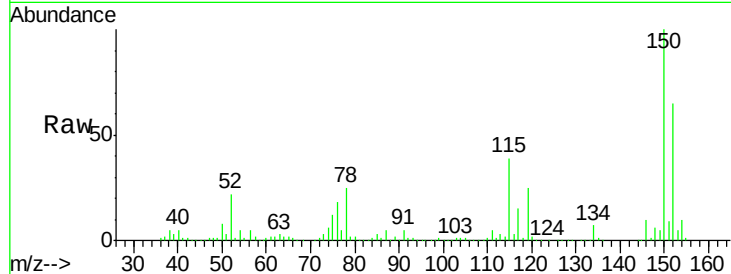
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	128140		
115	83.5	41.4	124.2	
150	173.4	0.0	349.8	

Manual Integrations
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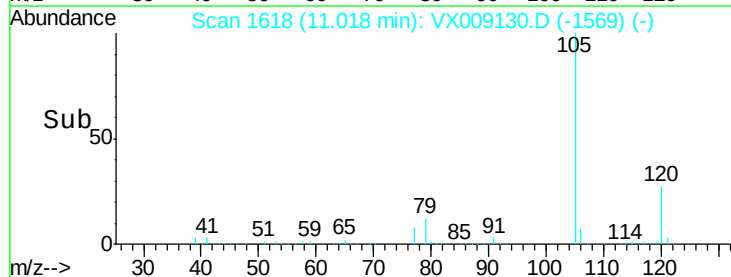
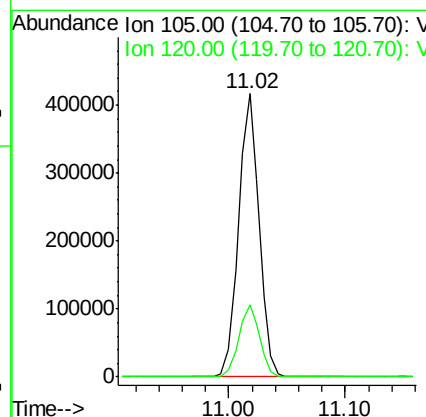
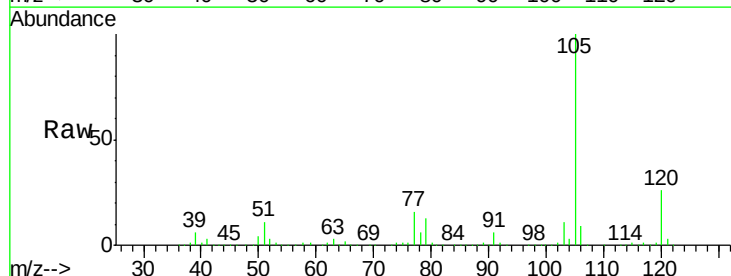
MMDadoda
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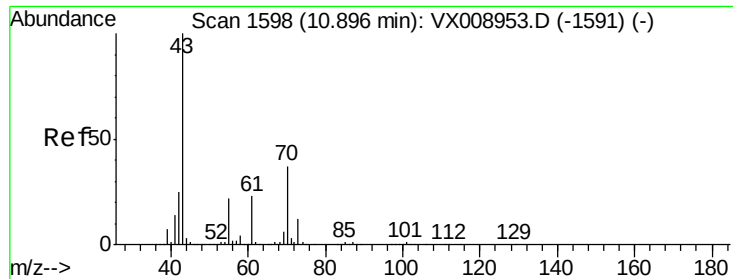


#73

Isopropylbenzene
Concen: 52.557 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	510484		
120	25.7	12.9	38.7	





#74

N-amvl acetate

Concen: 52.975 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

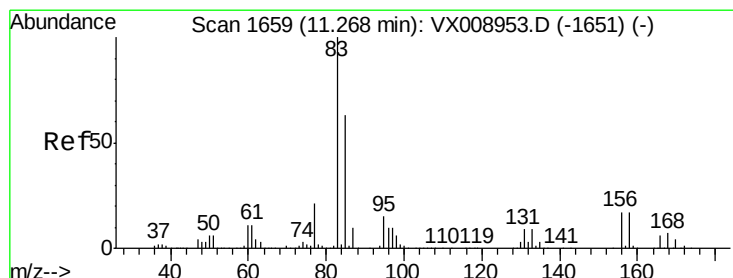
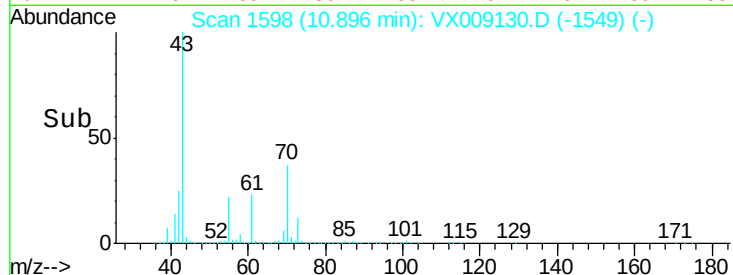
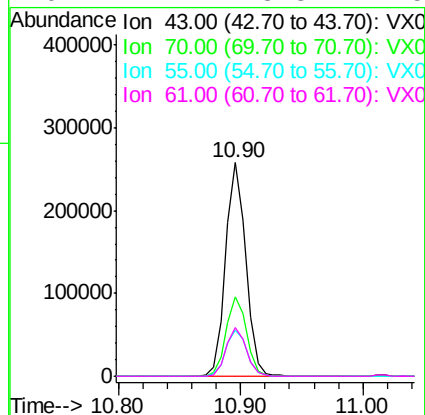
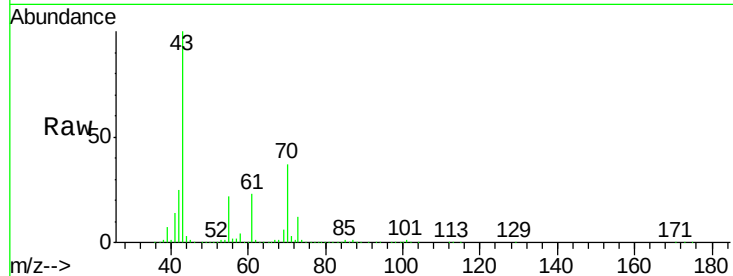
ClientSampleId :

SS042MW024-190422MS

Tot Ion	43	Resp	295436
Ion	Ratio	Lower	Upper
43	100		
70	37.7	29.9	44.9
55	22.6	17.8	26.8
61	22.7	18.3	27.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 53.780 ug/l

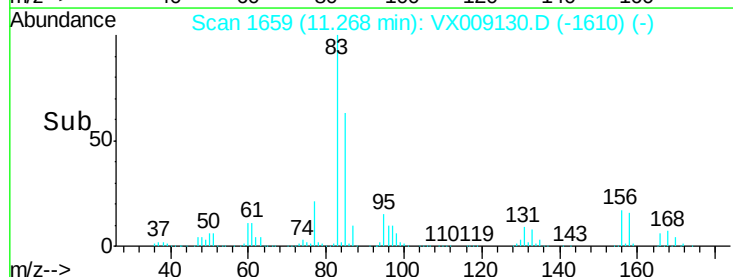
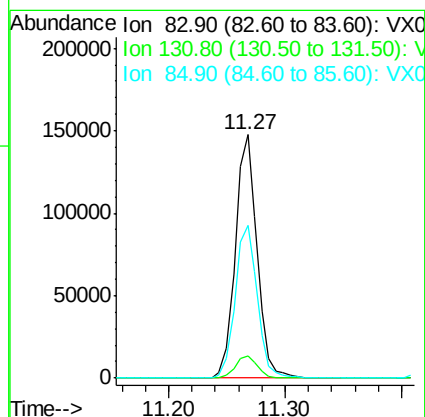
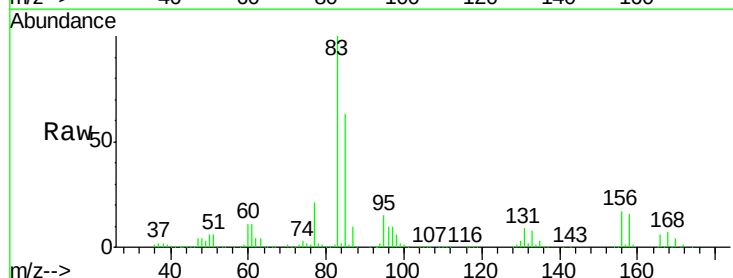
RT: 11.27 min Scan# 1659

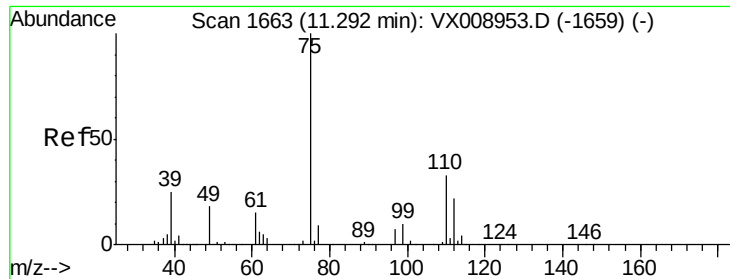
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion	83	Resp	190859
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	64.5	31.9	95.9





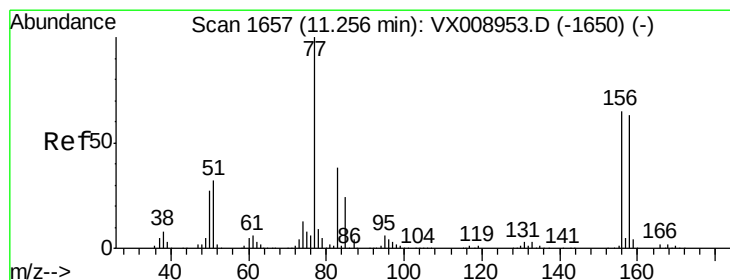
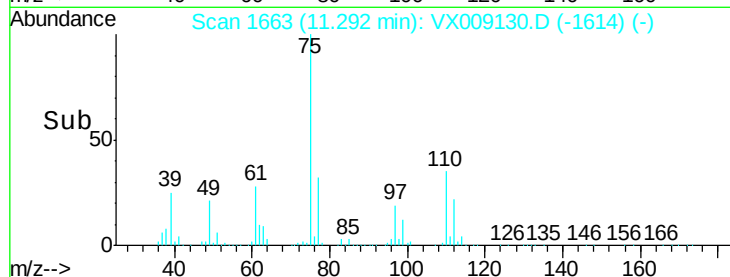
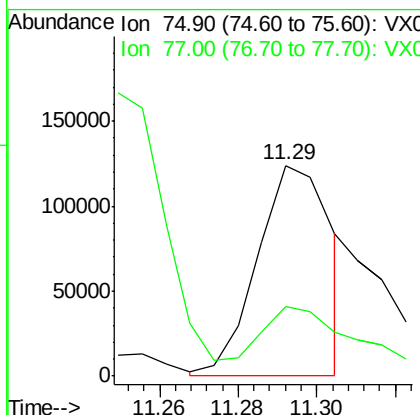
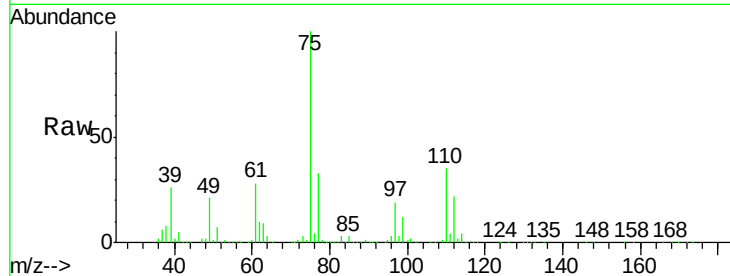
#76
1,2,3-Trichloropropane
Concen: 51.356 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion: 75 Resp: 160688
Ion Ratio Lower Upper
75 100
77 44.5 22.7 68.0

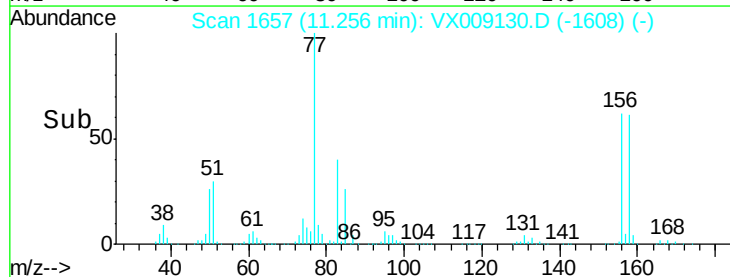
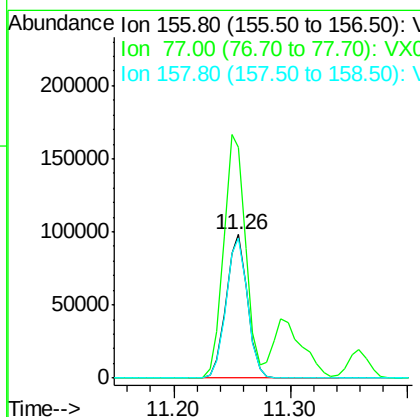
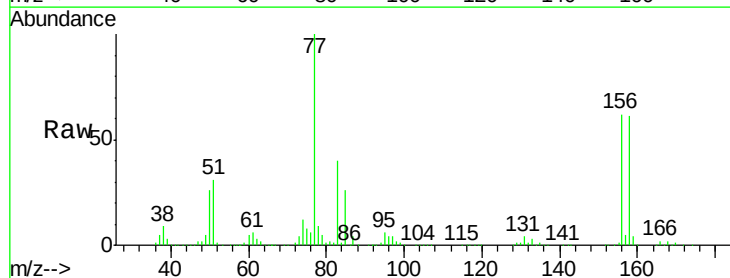
Manual Integrations
APPROVED

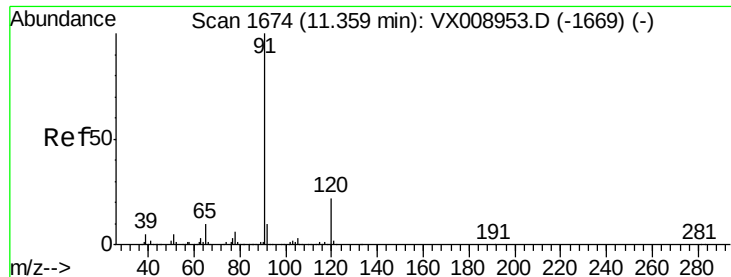
MMDadoda
4/24/2019 12:03:09 PM



#77
Bromobenzene
Concen: 50.654 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion: 156 Resp: 124134
Ion Ratio Lower Upper
156 100
77 173.1 85.4 256.1
158 98.0 48.8 146.4





#78

n-propylbenzene

Concen: 52.823 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 91 Resp: 588883

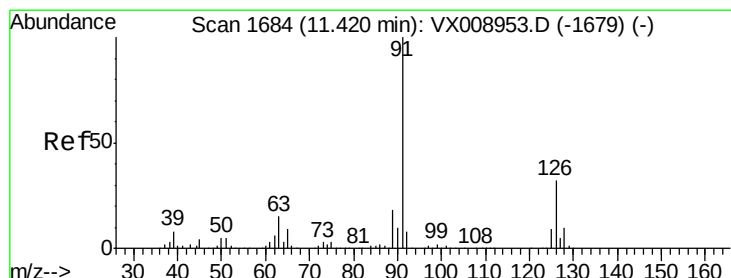
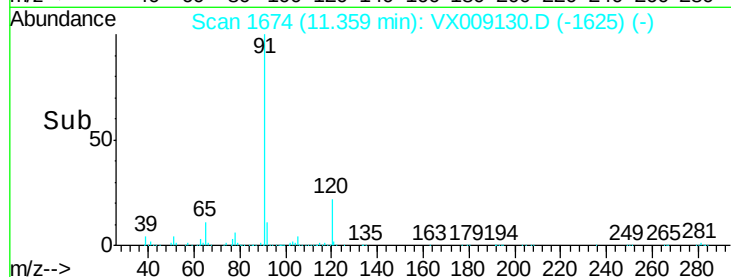
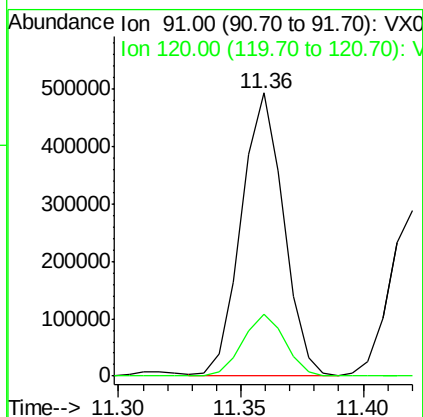
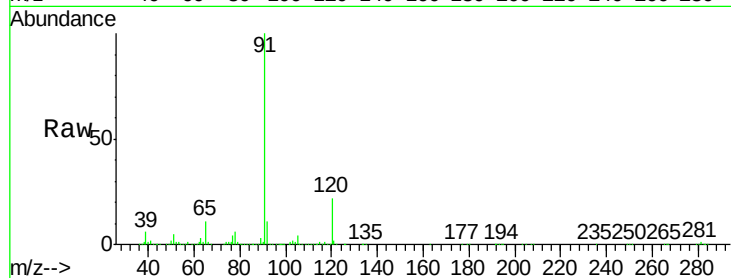
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 51.954 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009130.D

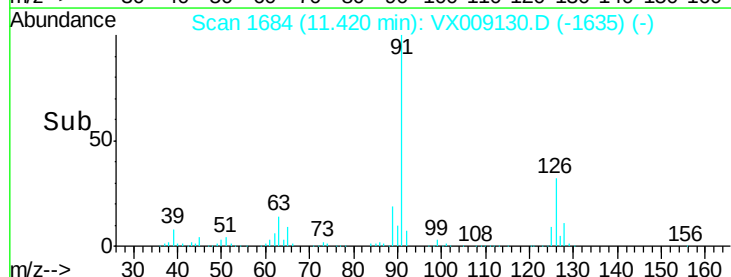
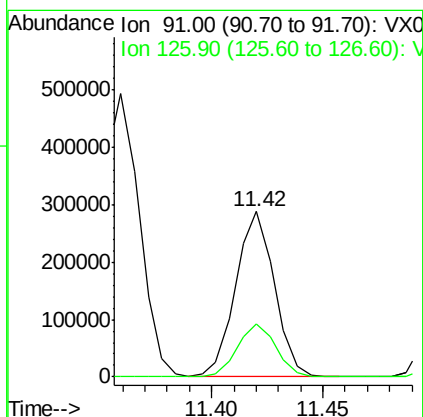
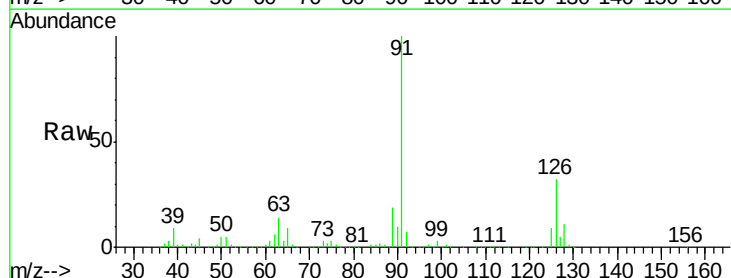
Acq: 23 Apr 2019 18:47

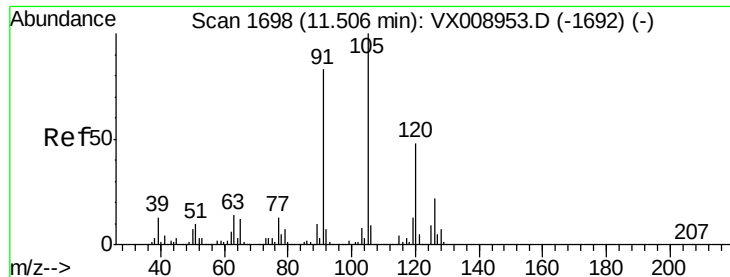
Tgt Ion: 91 Resp: 349022

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9





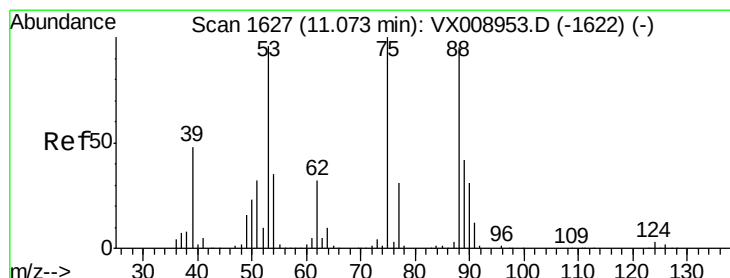
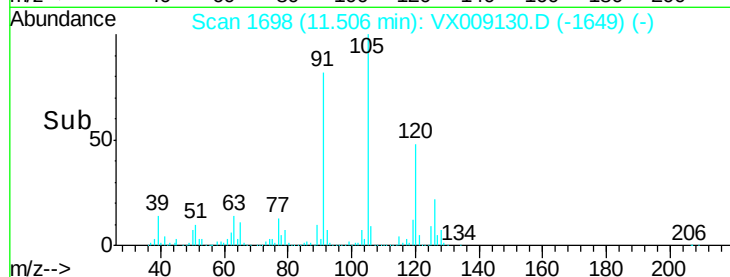
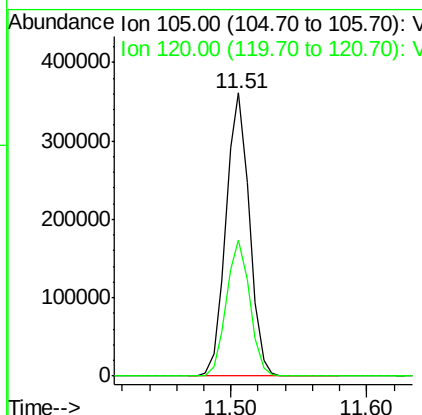
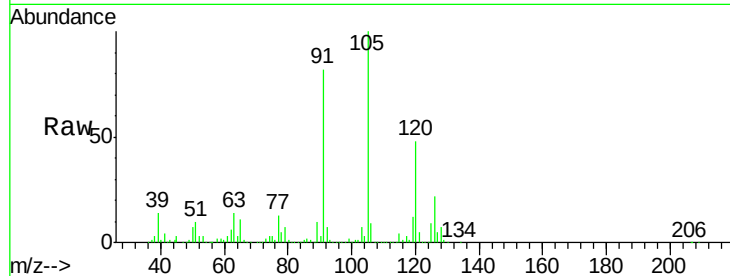
#80
 1,3,5-Trimethylbenzene
 Concen: 52.567 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.3

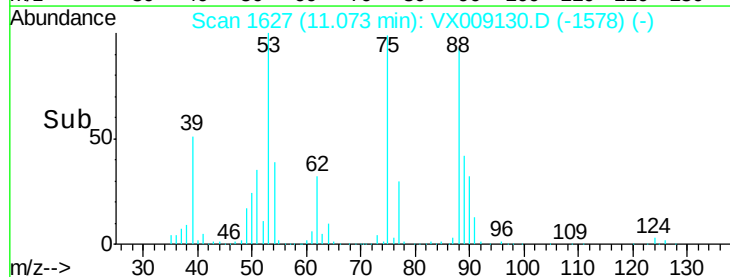
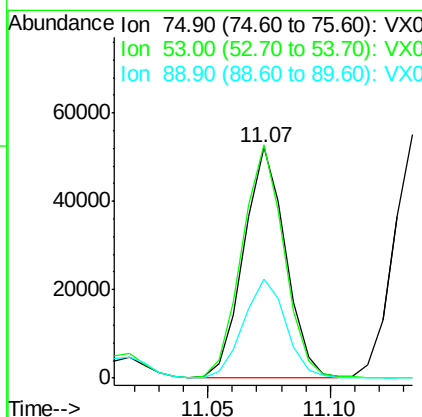
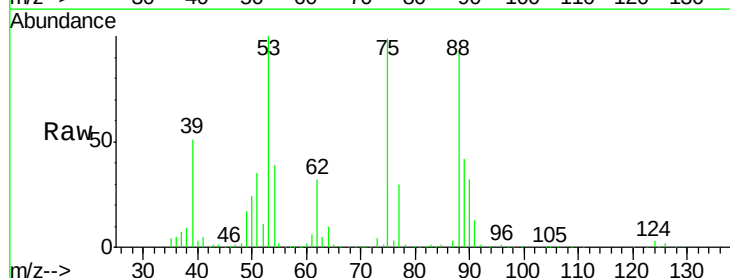
Manual Integrations
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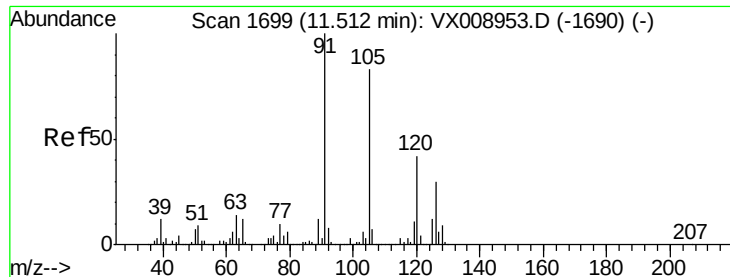
MMDadoda
 4/24/2019 12:03:09 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.777 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.4	78.2	117.4
89	44.0	36.0	54.0





#82

4-Chlorotoluene

Concen: 51.387 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion: 91 Resp: 400922

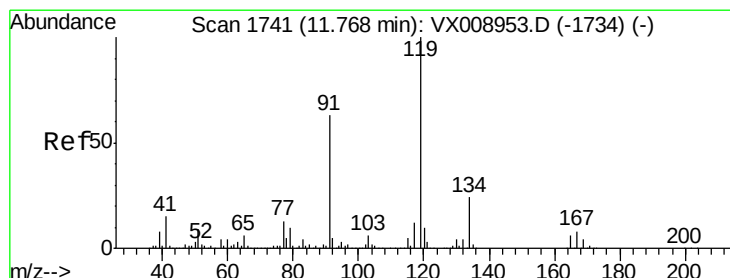
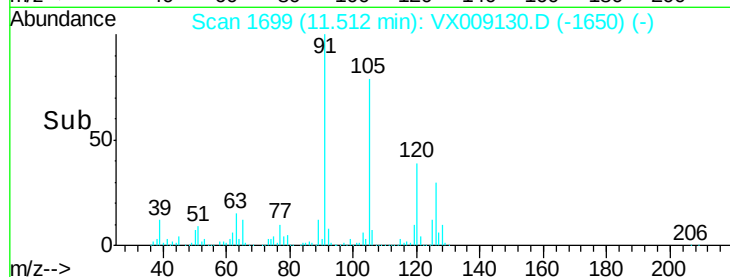
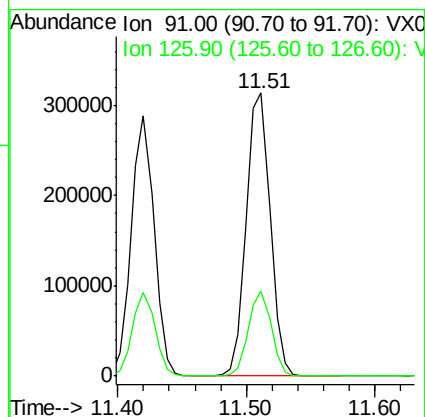
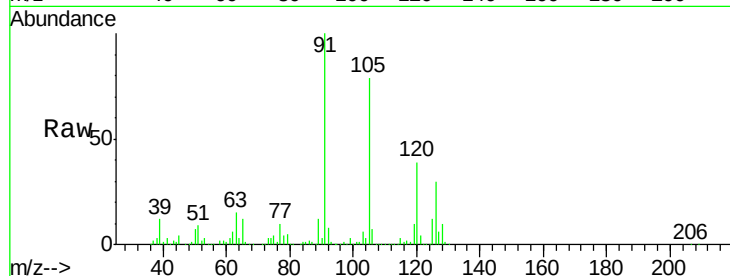
Ion Ratio Lower Upper

91 100

126 28.8 14.3 42.9

Manual Integrations
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#83

tert-Butylbenzene

Concen: 54.034 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

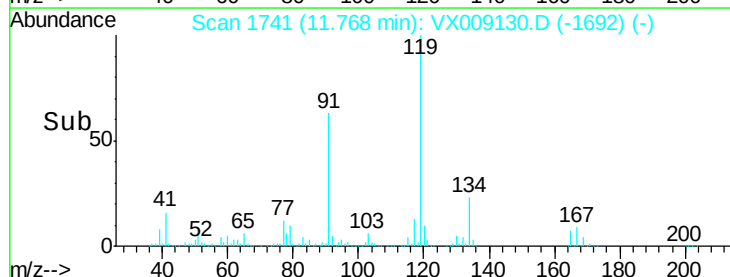
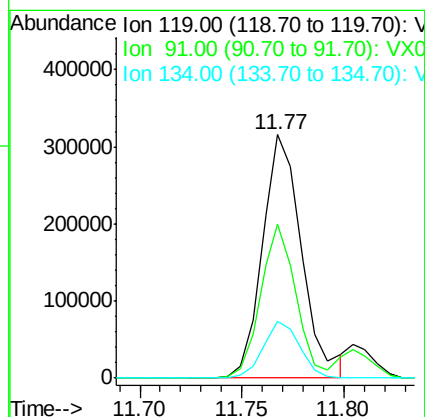
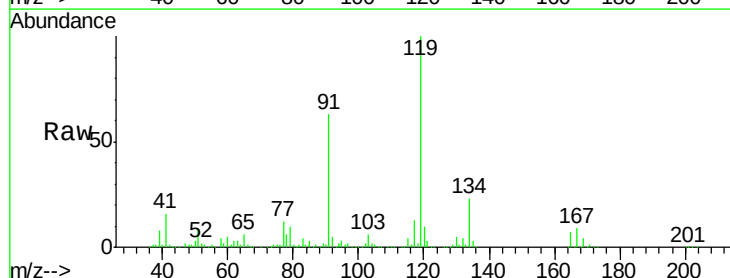
Tgt Ion: 119 Resp: 422835

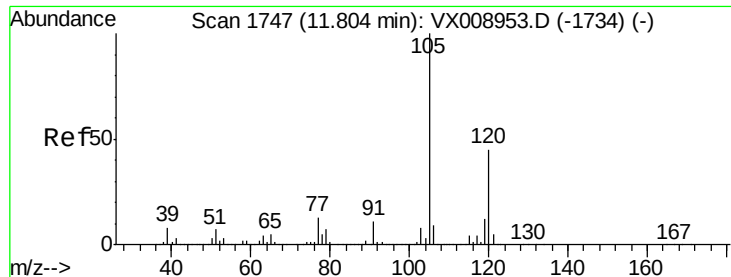
Ion Ratio Lower Upper

119 100

91 56.9 29.7 89.1

134 21.8 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 52.341 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

SS042MW024-190422MS

Tot Ion:105 Resp: 434256

Ion Ratio Lower Upper

105 100

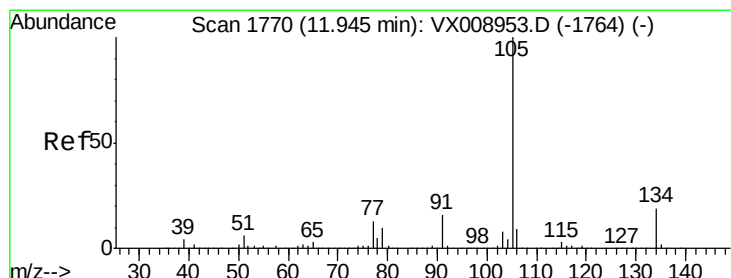
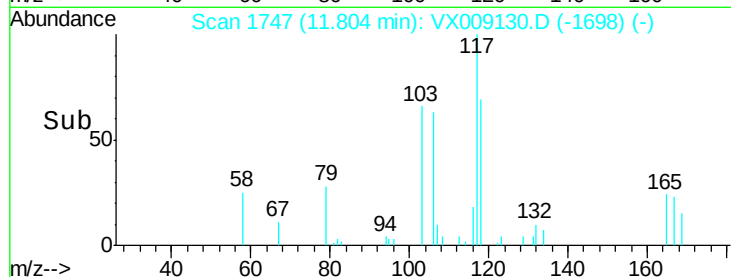
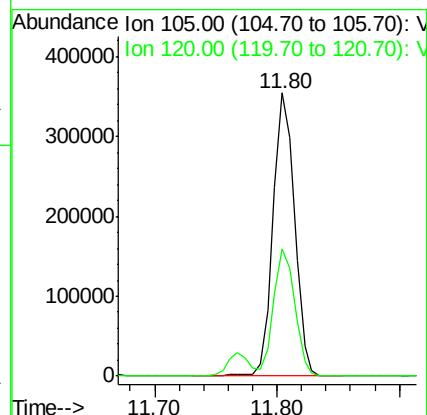
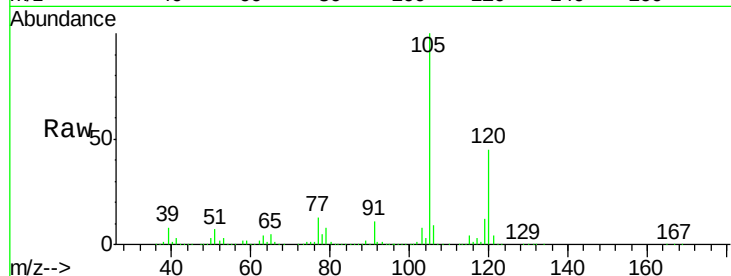
120 44.0 21.9 65.8

Manual Integrations

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#85

sec-Butylbenzene

Concen: 52.078 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009130.D

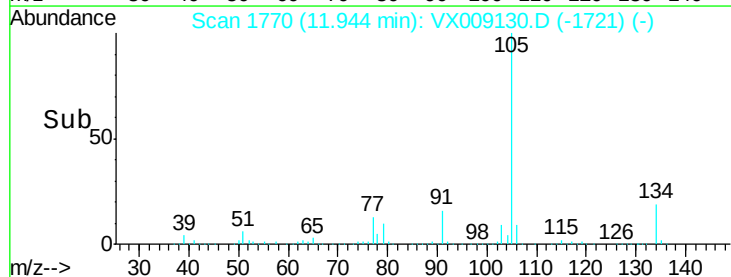
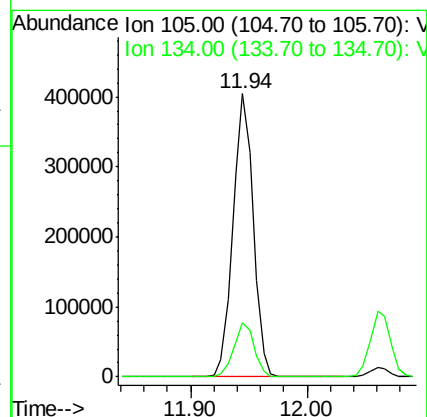
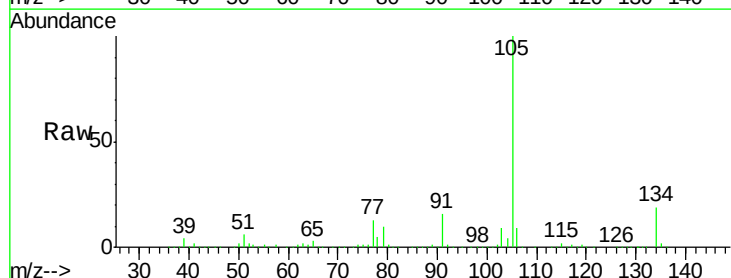
Acq: 23 Apr 2019 18:47

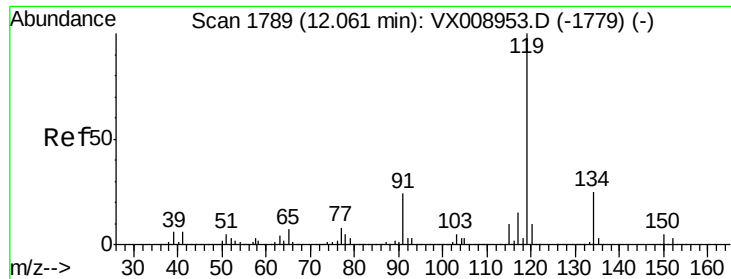
Tgt Ion:105 Resp: 486043

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6





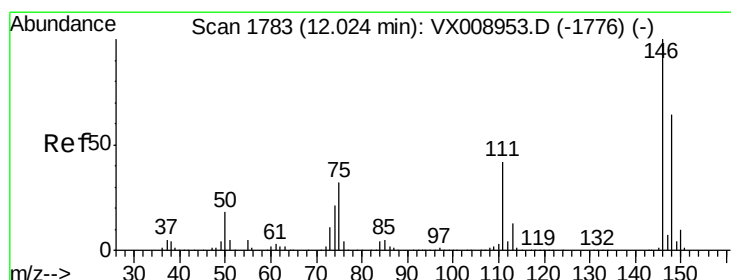
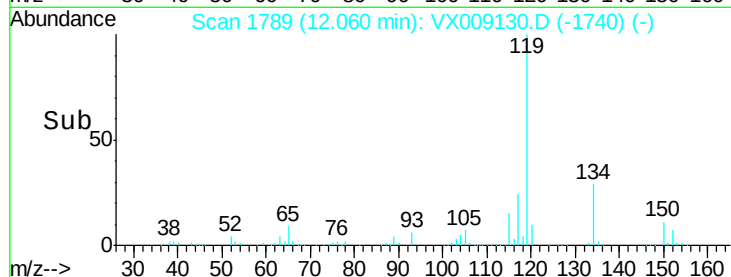
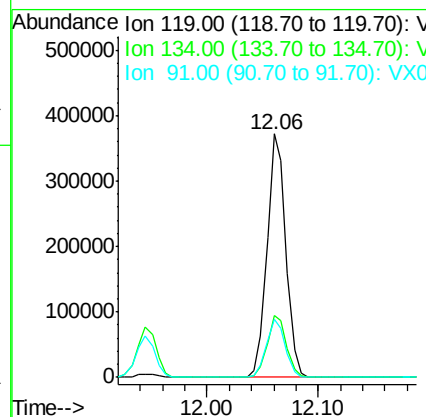
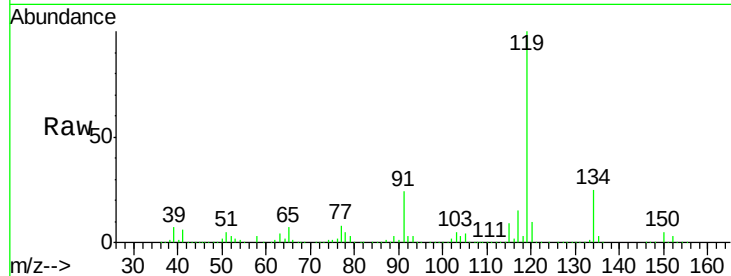
#86
 p-Isopropyltoluene
 Concen: 51.385 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	440916		
134	25.7	12.9	38.6	
91	24.1	11.9	35.5	

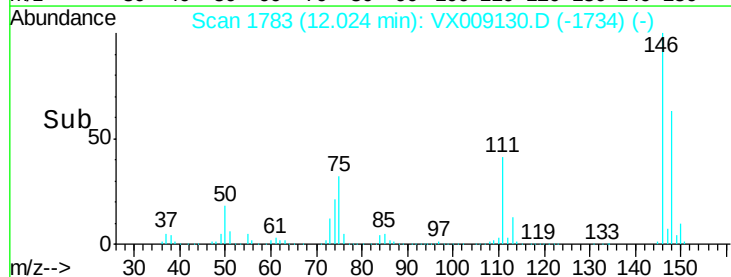
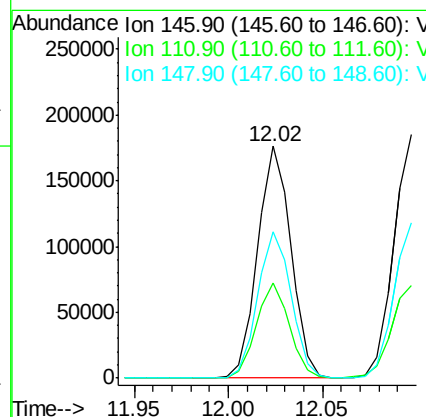
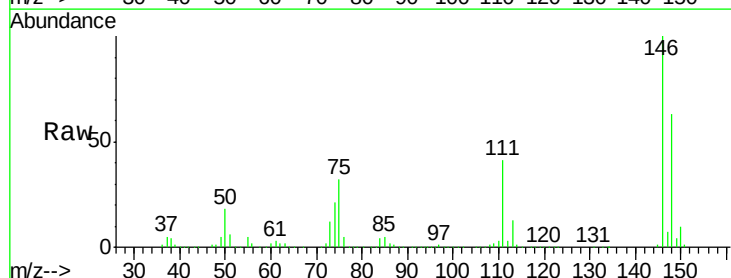
Manual Integrations
 APPROVED

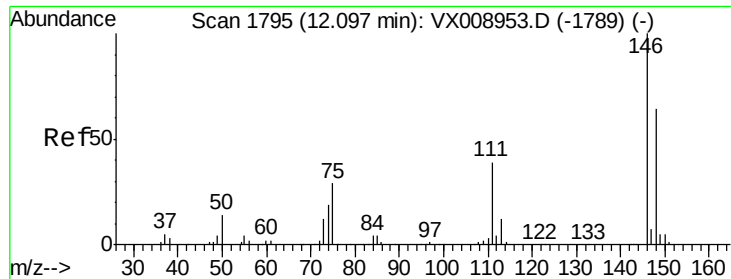
MMDadoda
 4/24/2019 12:03:09 PM



#87
 1,3-Dichlorobenzene
 Concen: 50.467 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216461		
111	40.6	20.5	61.6	
148	63.4	32.2	96.6	





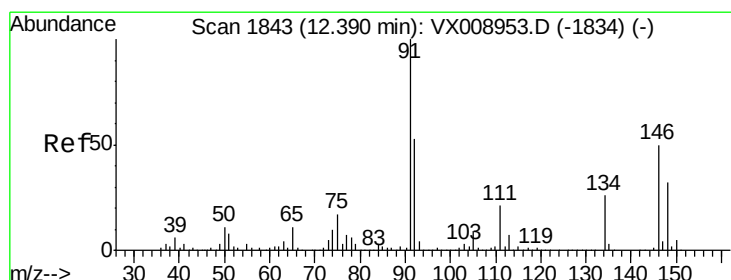
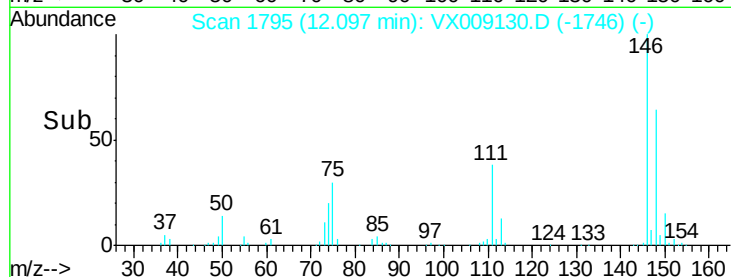
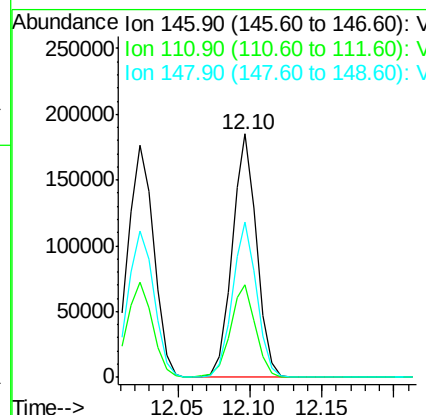
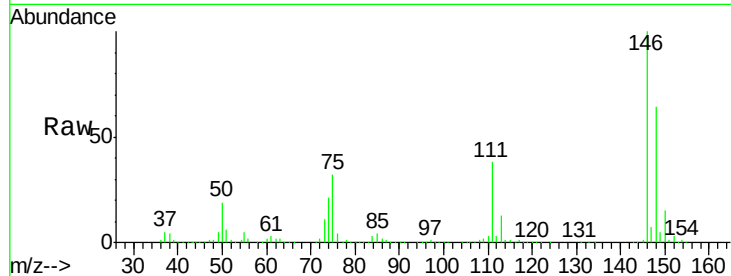
#88
 1,4-Dichlorobenzene
 Concen: 50.570 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	63.5	32.2	96.6

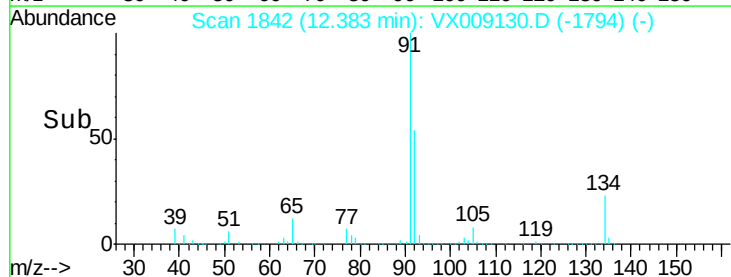
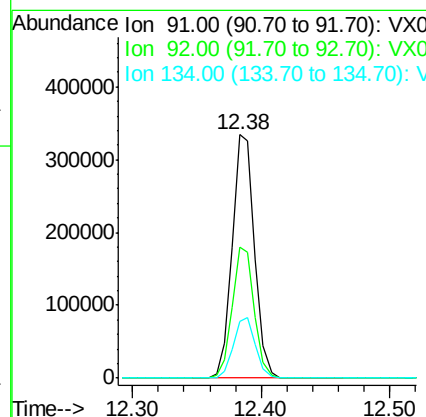
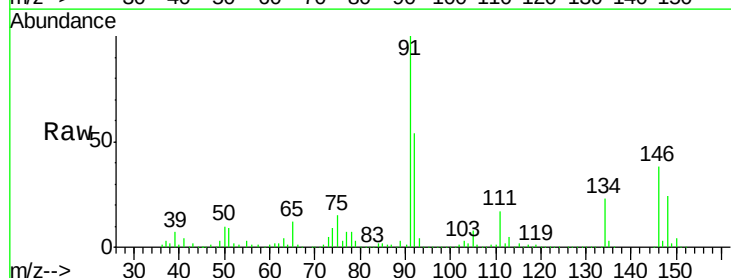
Manual Integrations
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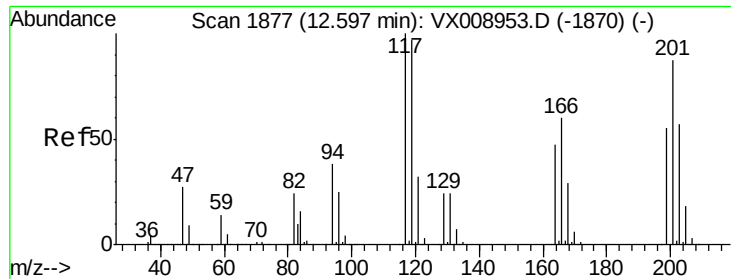
MMDadoda
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#89
 n-Butylbenzene
 Concen: 50.858 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	24.6	12.4	37.2





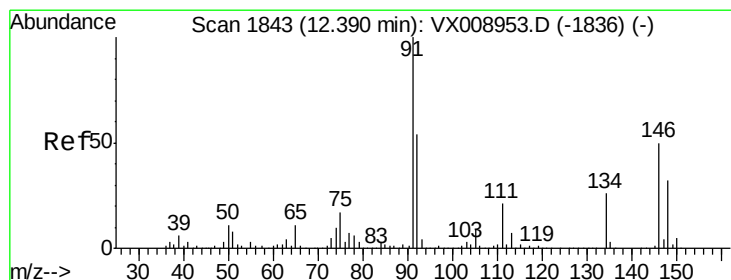
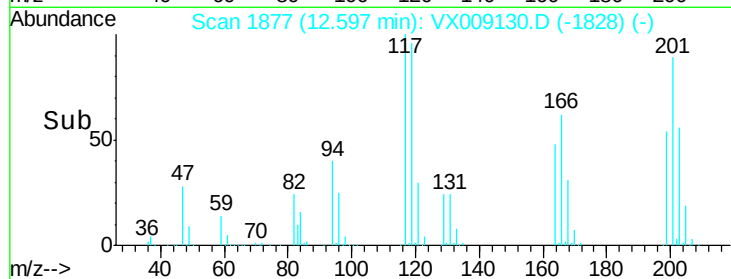
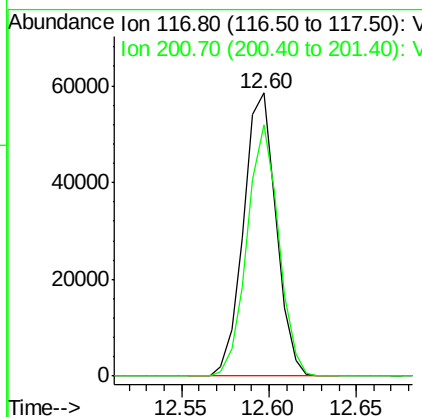
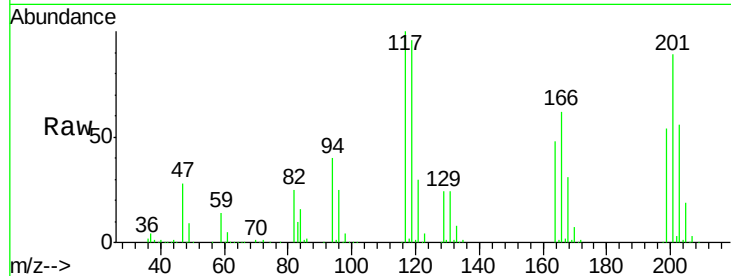
#90
Hexachloroethane
Concen: 53.565 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
SS042MW024-190422MS

Tot Ion:117 Resp: 75816
Ion Ratio Lower Upper
117 100
201 86.0 43.0 129.0

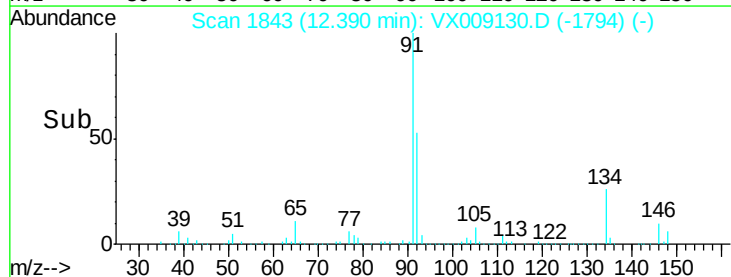
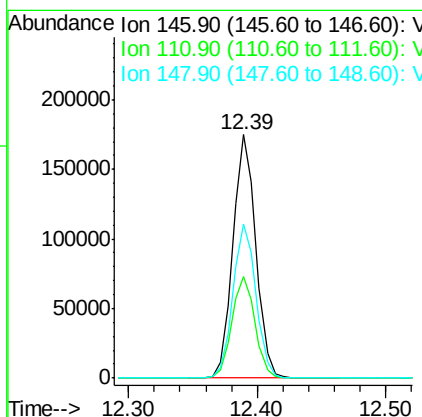
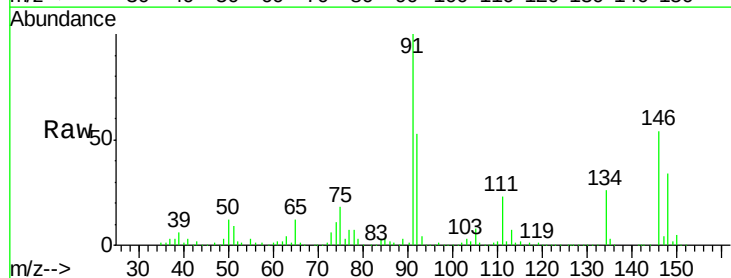
Manual Integrations
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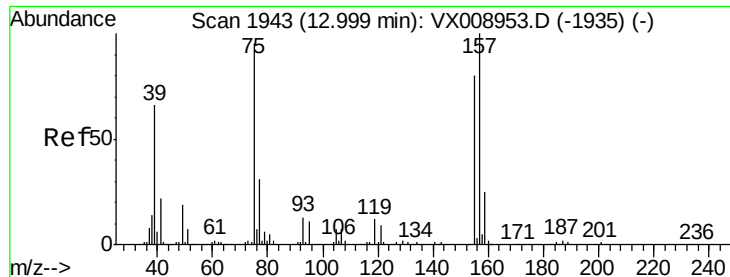
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#91
1,2-Dichlorobenzene
Concen: 51.296 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009130.D
Acq: 23 Apr 2019 18:47

Tgt Ion:146 Resp: 217261
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.9
148 63.6 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.184 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

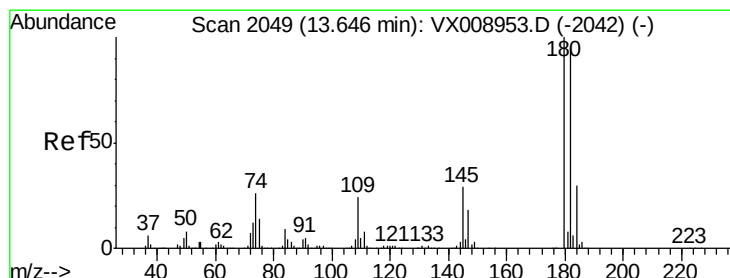
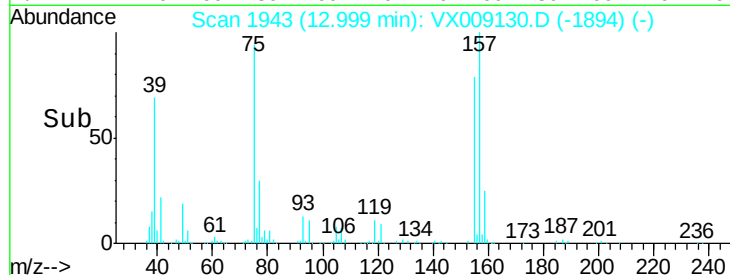
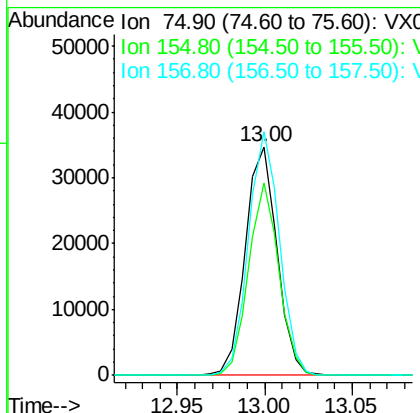
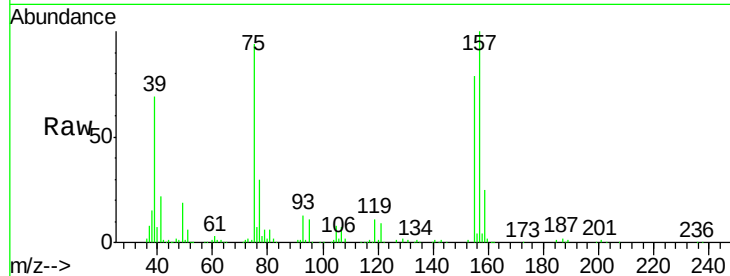
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	75	Resp:	43782
Ion Ratio	Lower	Upper	
75	100		
155	80.2	41.2	123.6
157	104.3	52.5	157.6

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#93

1,2,4-Trichlorobenzene

Concen: 50.497 ug/l

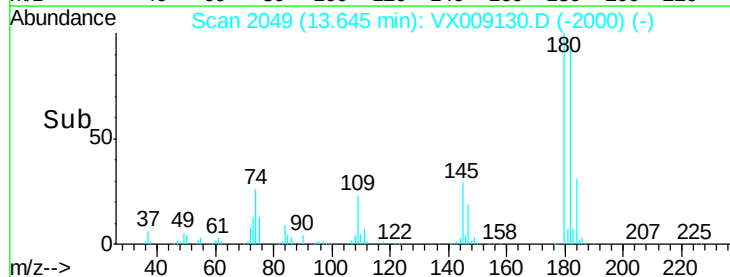
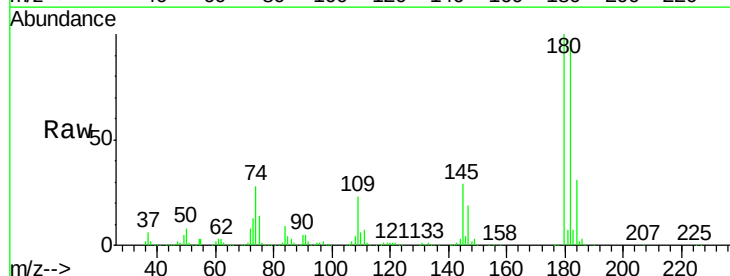
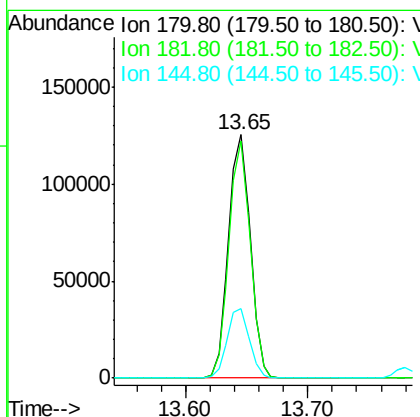
RT: 13.65 min Scan# 2049

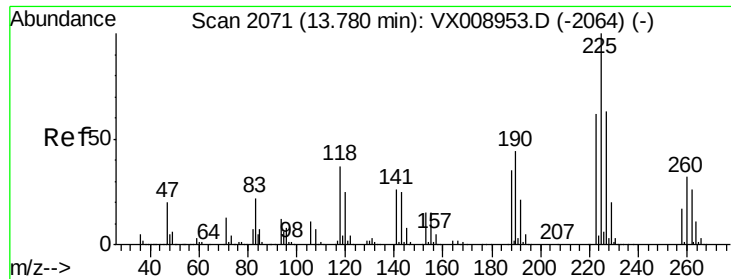
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	180	Resp:	154390
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.6	142.9
145	29.0	14.8	44.4





#94

Hexachlorobutadiene

Concen: 49.245 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Instrument :

MSVOA_X

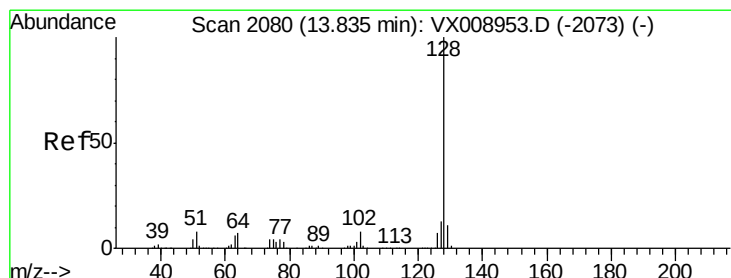
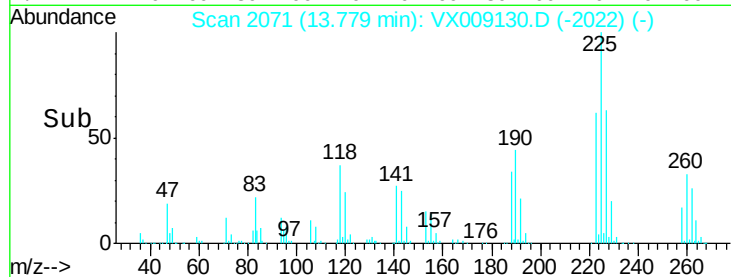
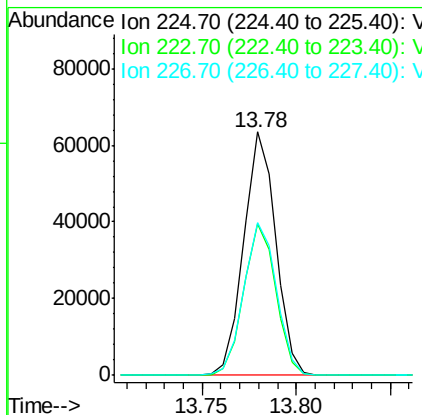
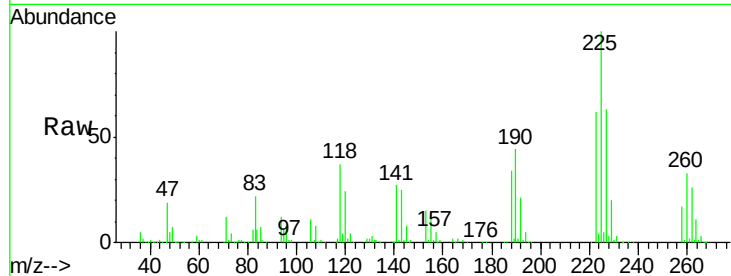
ClientSampleId :

SS042MW024-190422MS

Tot Ion:	225	Resp:	75092
Ion Ratio		Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.2	32.0	96.2

Manual Integrations
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#95

Naphthalene

Concen: 53.364 ug/l

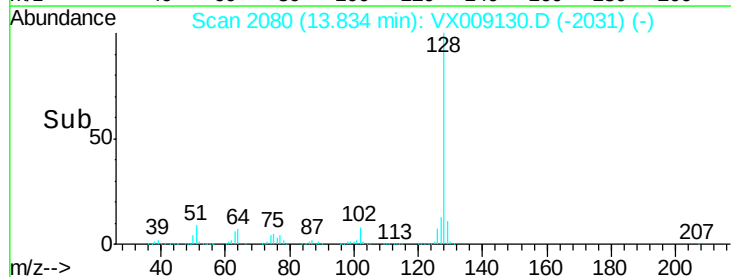
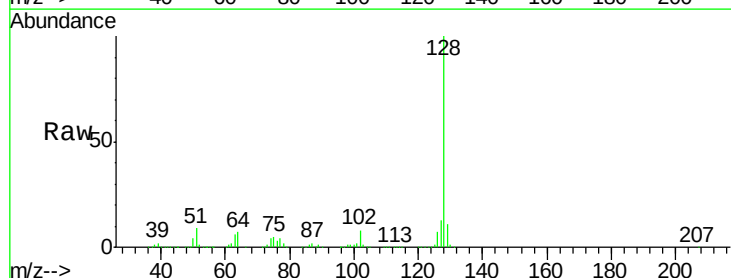
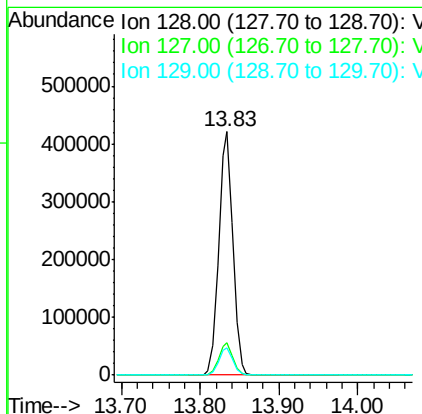
RT: 13.83 min Scan# 2080

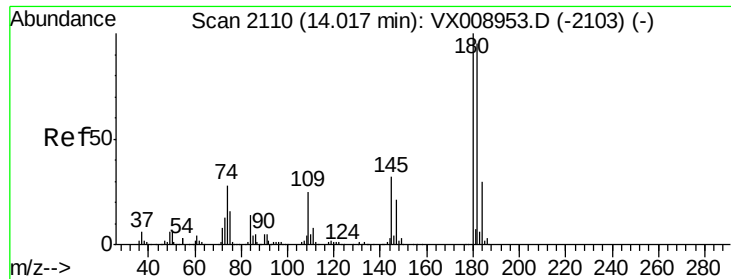
Delta R.T. -0.00 min

Lab File: VX009130.D

Acq: 23 Apr 2019 18:47

Tgt Ion:	128	Resp:	522723
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0





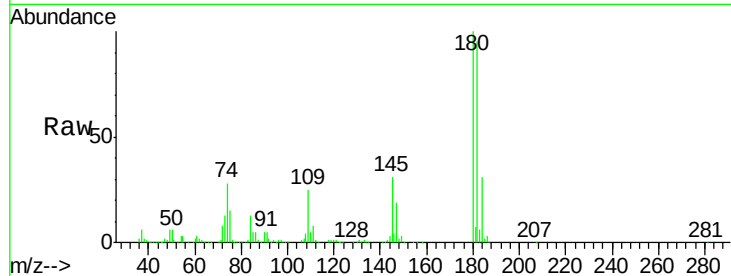
#96
 1,2,3-Trichlorobenzene
 Concen: 51.721 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009130.D
 Acq: 23 Apr 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156025		
182	96.1		47.8	143.4
145	31.1		15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:09 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

