

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009078.D
 Acq On : 19 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2487-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:07 AM

Quant Time: Apr 20 02:17:47 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	195163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151860	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.50	113	112034	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.71	98	429179	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	148644	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	115776	51.504	ug/l	100
3) Chloromethane	1.32	50	130212	47.183	ug/l	98
4) Vinyl Chloride	1.41	62	134567	50.099	ug/l	99
5) Bromomethane	1.64	94	58527	35.966	ug/l	99
6) Chloroethane	1.71	64	81477	51.585	ug/l	99
7) Trichlorofluoromethane	1.92	101	160813	51.279	ug/l	99
8) Diethyl Ether	2.19	74	75552	52.679	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98057	48.904	ug/l	99
10) Methyl Iodide	2.51	142	74375	35.345	ug/l	100
11) Tert butyl alcohol	3.06	59	172264	282.162	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101784	48.633	ug/l	98
13) Acrolein	2.29	56	142102	269.383	ug/l	99
14) Allyl chloride	2.73	41	250574	54.877	ug/l	99
15) Acrylonitrile	3.15	53	445933	287.739	ug/l	100
16) Acetone	2.45	43	392640	275.287	ug/l	99
17) Carbon Disulfide	2.57	76	286281	46.635	ug/l	100
18) Methyl Acetate	2.78	43	196197	55.116	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413768	55.485	ug/l	98
20) Methylene Chloride	2.85	84	123618	50.681	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	111835	50.098	ug/l	95
22) Diisopropyl ether	3.86	45	496206	55.925	ug/l	90
23) Vinyl Acetate	3.82	43	2068420	265.202	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242464	54.438	ug/l	99
25) 2-Butanone	4.68	43	661822	290.294	ug/l	99
26) 2,2-Dichloropropane	4.59	77	140938	42.215	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	133797	52.790	ug/l	99
28) Bromochloromethane	5.02	49	109456	59.534	ug/l	97
29) Tetrahydrofuran	5.13	42	443616	290.717	ug/l	99
30) Chloroform	5.21	83	219157	54.987	ug/l	99
31) Cyclohexane	5.58	56	227081	51.837	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	178473	54.029	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163340	47.436	ug/l	99
37) Ethyl Acetate	4.84	43	234196	52.855	ug/l	99
38) Carbon Tetrachloride	5.79	117	146265	50.104	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191776	45.743	ug/l	98
40) Benzene	6.15	78	513638	50.563	ug/l	99
41) Methacrylonitrile	5.05	41	144124	56.675	ug/l	99
42) 1,2-Dichloroethane	6.20	62	185774	51.626	ug/l	99
43) Isopropyl Acetate	6.45	43	373978	52.375	ug/l	99
44) Trichloroethene	7.21	130	117206	47.090	ug/l	96
45) 1,2-Dichloropropane	7.51	63	146962	52.148	ug/l	98
46) Dibromomethane	7.66	93	84833	51.724	ug/l	98
47) Bromodichloromethane	7.90	83	167832	52.173	ug/l	99
48) Methyl methacrylate	7.77	41	192578	54.584	ug/l	99
49) 1,4-Dioxane	7.74	88	62270	942.976	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1261936	277.412	ug/l	99
52) Toluene	8.79	92	298781	49.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	187598	50.673	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	206136	49.727	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125967	52.206	ug/l	99
56) Ethyl methacrylate	9.18	69	226912	52.447	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223237	51.963	ug/l	99
59) 2-Hexanone	9.49	43	957862	273.117	ug/l	99
60) Dibromochloromethane	9.59	129	122305	52.888	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128557	51.623	ug/l	98
64) Tetrachloroethene	9.34	164	98864	45.840	ug/l	99
65) Chlorobenzene	10.14	112	297486	49.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113673	53.847	ug/l	99
67) Ethyl Benzene	10.25	91	555311	50.693	ug/l	99
68) m/p-Xylenes	10.36	106	395638	99.380	ug/l	98
69) o-Xylene	10.70	106	194979	50.335	ug/l	99
70) Styrene	10.71	104	331944	49.450	ug/l	99
71) Bromoform	10.85	173	89817	53.404	ug/l #	98
73) Isopropylbenzene	11.02	105	520449	53.274	ug/l	99
74) N-amyl acetate	10.90	43	299915	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200839	56.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196624m	62.478	ug/l	
77) Bromobenzene	11.26	156	125272	50.823	ug/l	98
78) n-propylbenzene	11.36	91	589544	52.577	ug/l	100
79) 2-Chlorotoluene	11.42	91	348906	51.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	433858	52.923	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63023	51.412	ug/l	96
82) 4-Chlorotoluene	11.51	91	397457	50.649	ug/l	100
83) tert-Butylbenzene	11.77	119	430005	54.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	433051	51.894	ug/l	99
85) sec-Butylbenzene	11.94	105	490806	52.285	ug/l	100
86) p-Isopropyltoluene	12.06	119	443754	51.417	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211472	49.019	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	211766	48.424	ug/l	100
89) n-Butylbenzene	12.38	91	397956	49.512	ug/l	99
90) Hexachloroethane	12.60	117	75564	53.079	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	217300	51.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46292	56.960	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	141370	45.972	ug/l	98

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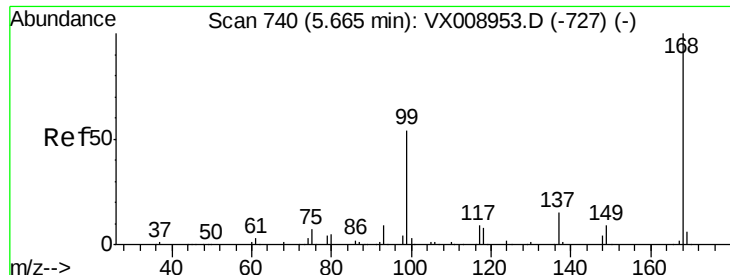
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	70422	45.915	ug/l	99
95) Naphthalene	13.83	128	498311	50.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146862	48.403	ug/l	97

(#) = 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: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion:168 Resp: 195163

Ion Ratio Lower Upper

168 100

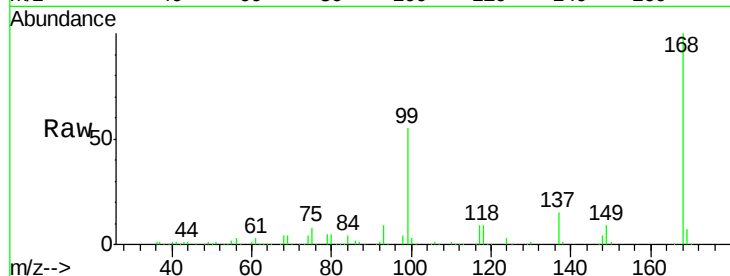
99 54.8 43.0 64.6

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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

80000

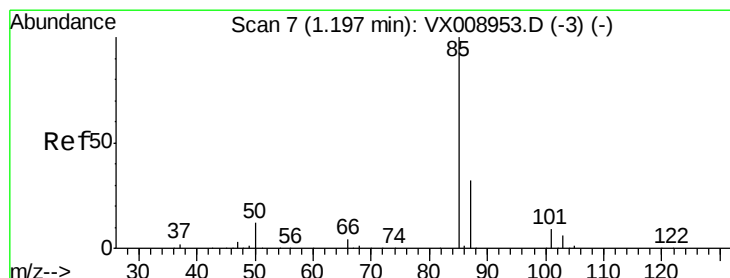
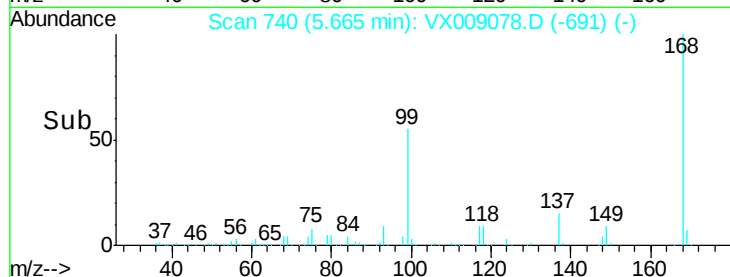
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.504 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009078.D

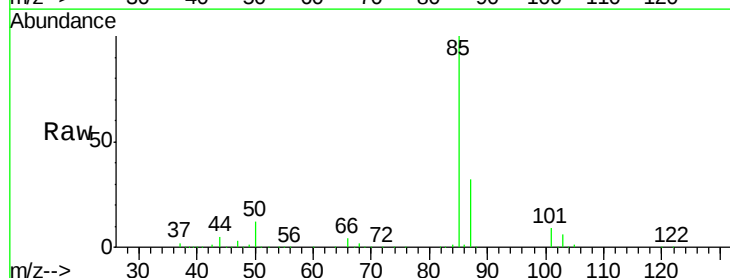
Acq: 19 Apr 2019 18:15

Tgt Ion: 85 Resp: 115776

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

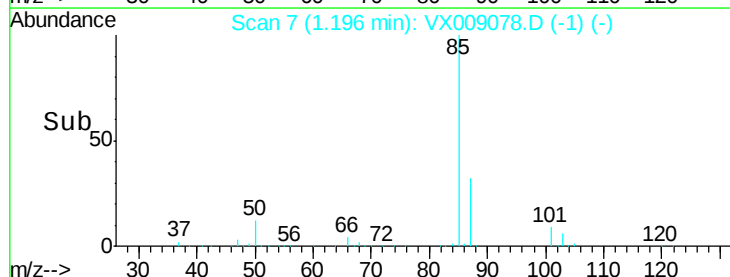
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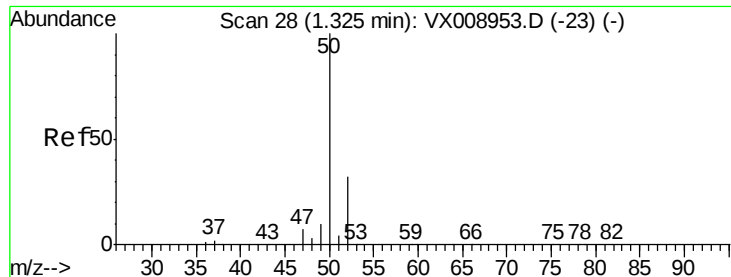
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.183 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

GMW-7MS

Tot Ion: 50 Resp: 130212

Ion Ratio Lower Upper

50 100

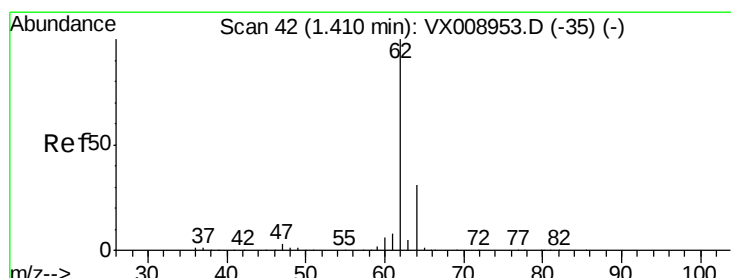
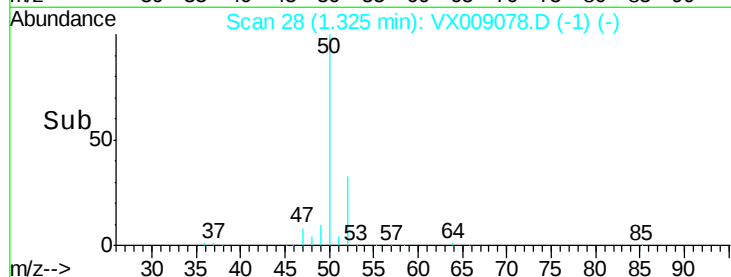
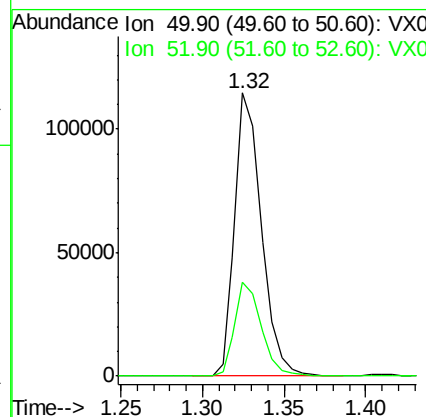
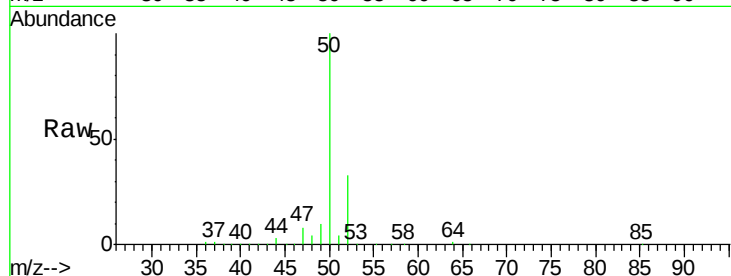
52 33.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 50.099 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009078.D

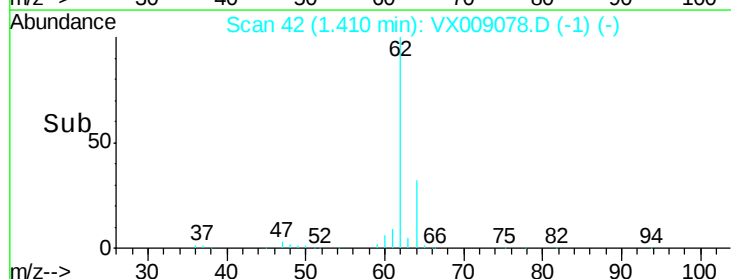
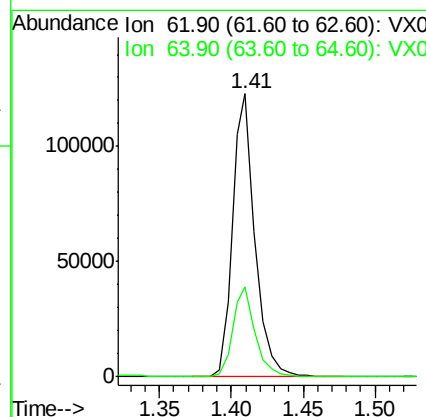
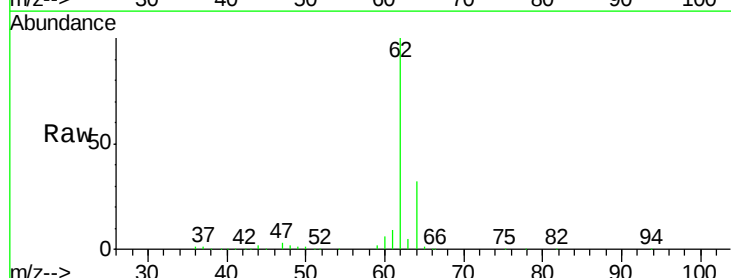
Acq: 19 Apr 2019 18:15

Tgt Ion: 62 Resp: 134567

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 35.966 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 94 Resp: 58527

Ion Ratio Lower Upper

94 100

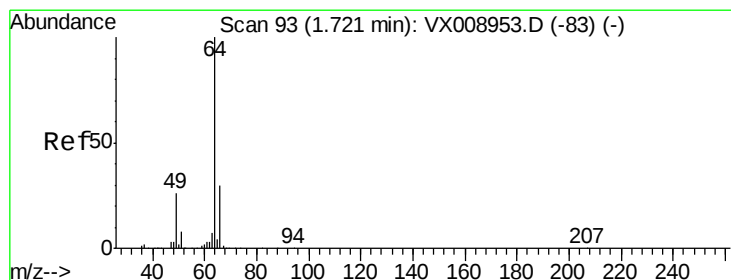
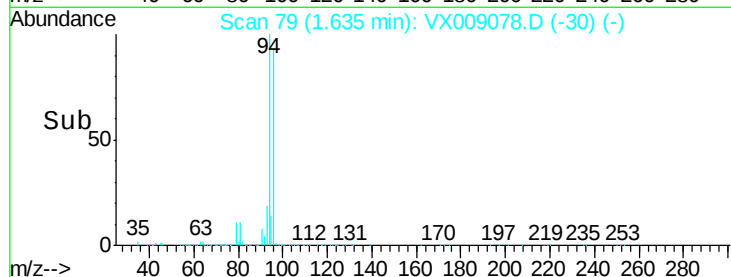
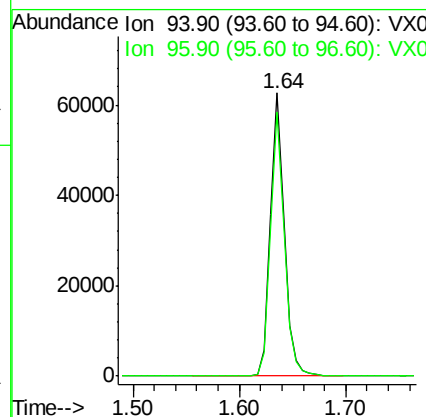
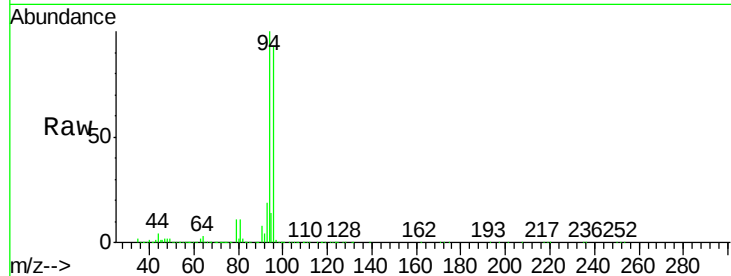
96 93.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 51.585 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009078.D

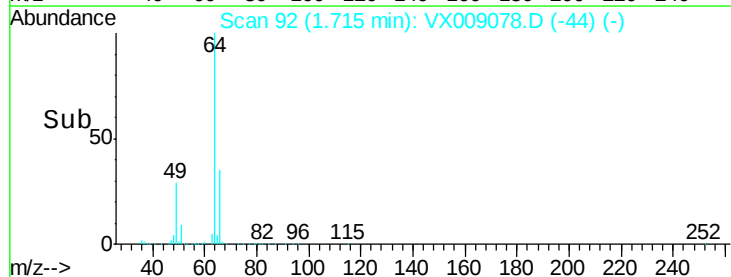
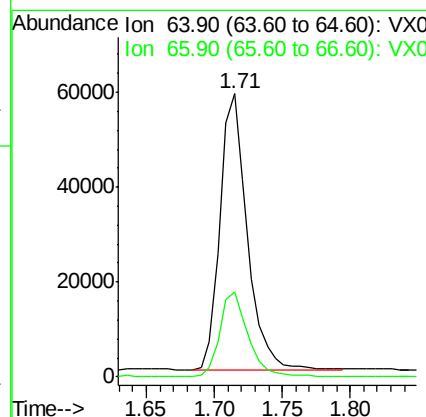
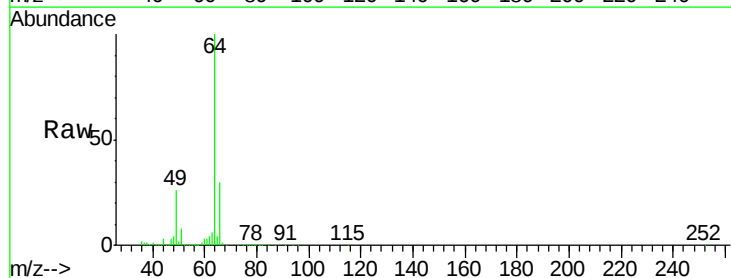
Acq: 19 Apr 2019 18:15

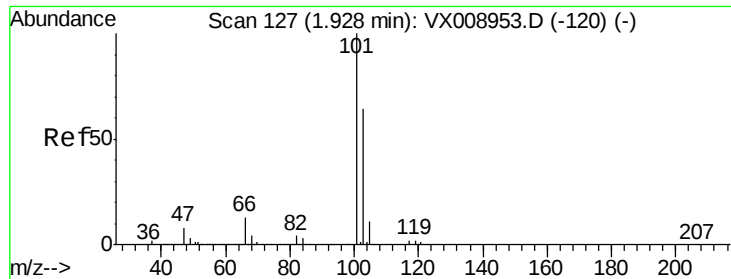
Tgt Ion: 64 Resp: 81477

Ion Ratio Lower Upper

64 100

66 30.7 24.2 36.2





#7

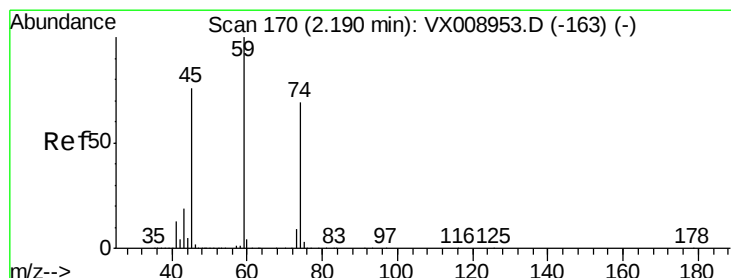
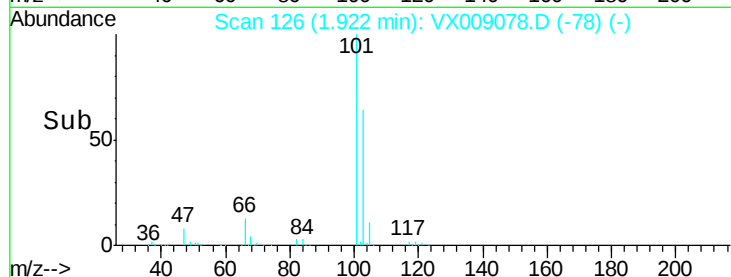
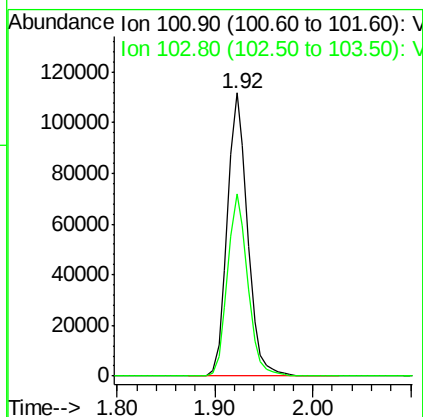
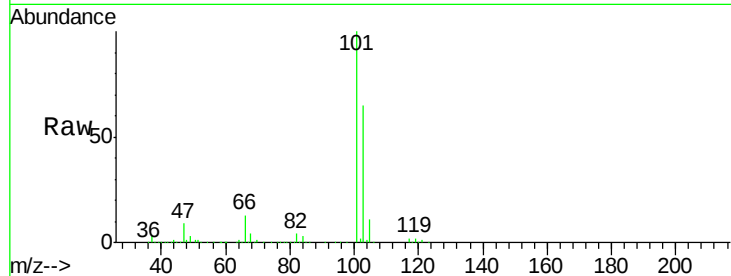
Trichlorofluoromethane
Concen: 51.279 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	160813		
103	64.5	51.0	76.6	

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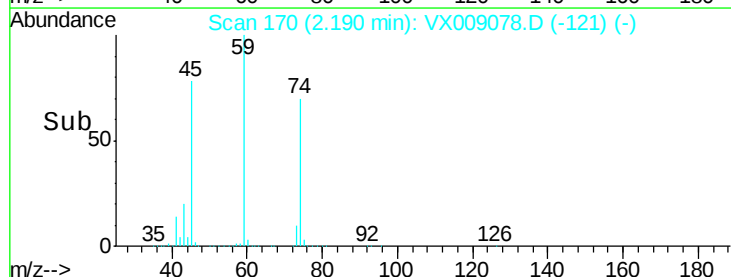
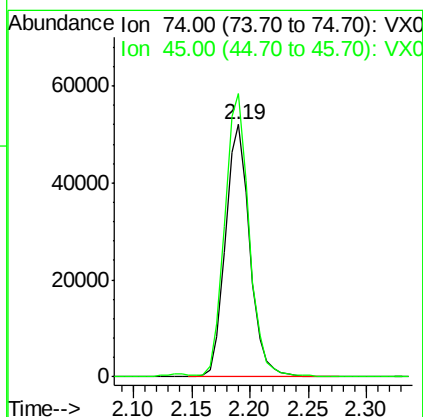
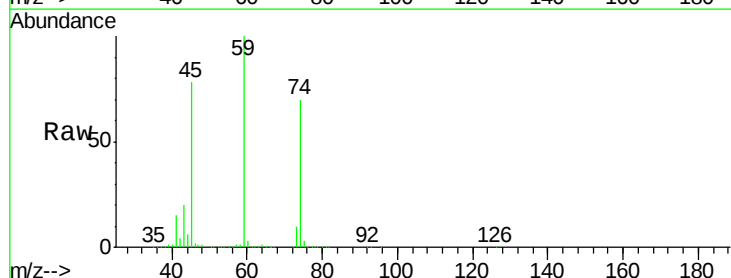
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#8

Diethyl Ether
Concen: 52.679 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75552		
45	111.4	54.9	164.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.904 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

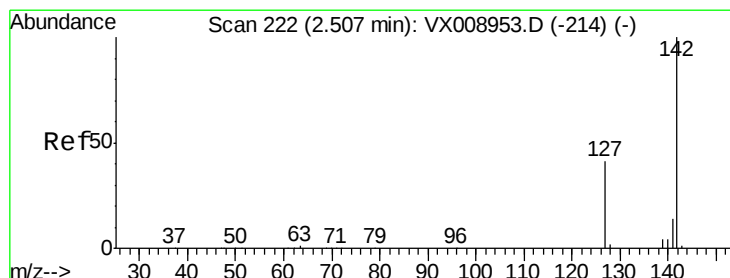
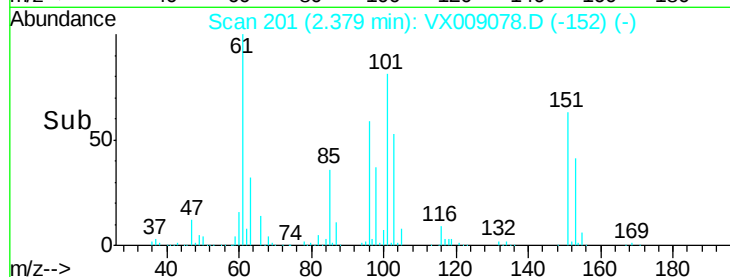
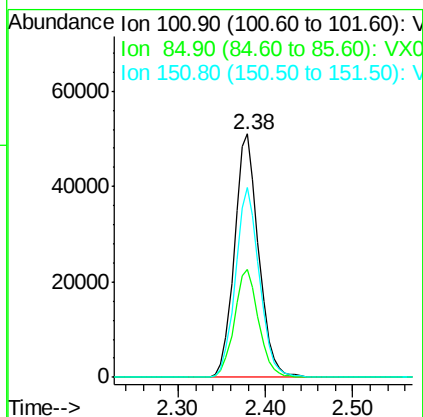
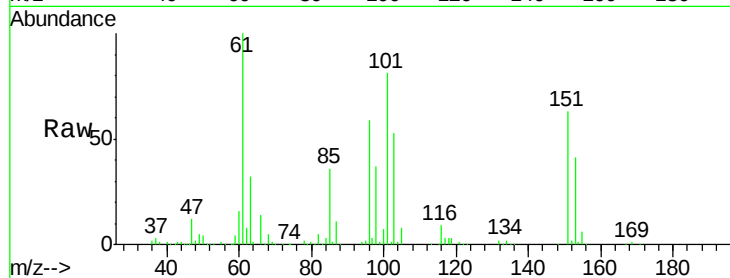
ClientSampleId :

GMW-7MS

Tot Ion:	101	Resp:	98057
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.7	53.5
151	77.7	62.7	94.1

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#10

Methyl Iodide

Concen: 35.345 ug/l

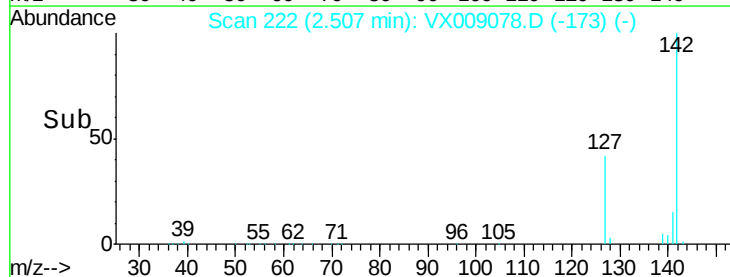
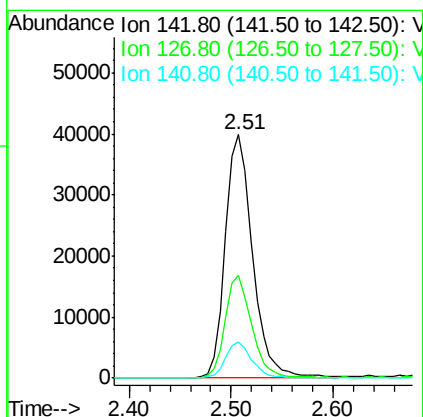
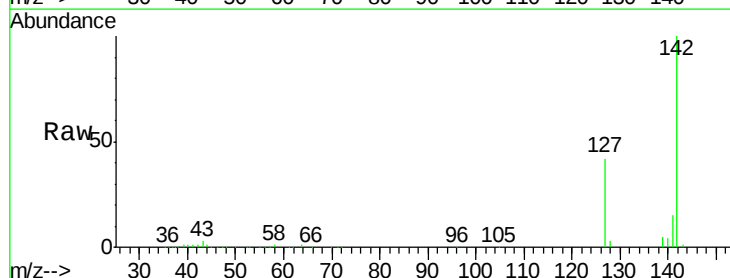
RT: 2.51 min Scan# 222

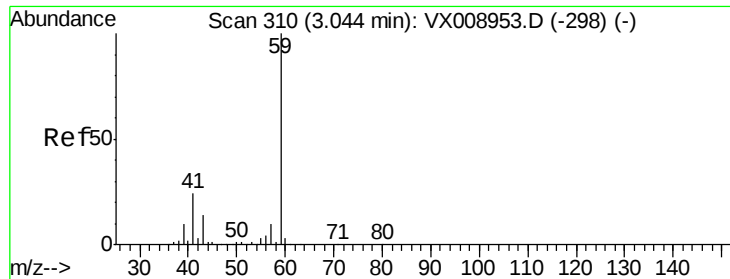
Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	142	Resp:	74375
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.8	49.2
141	14.6	11.4	17.2





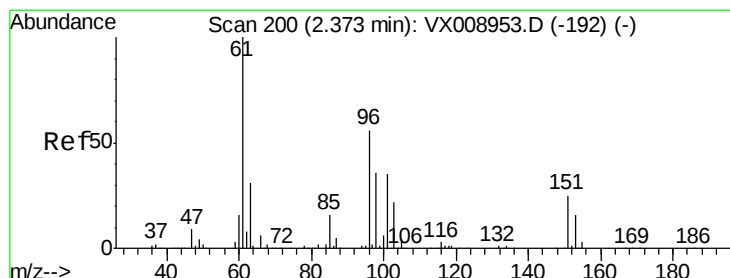
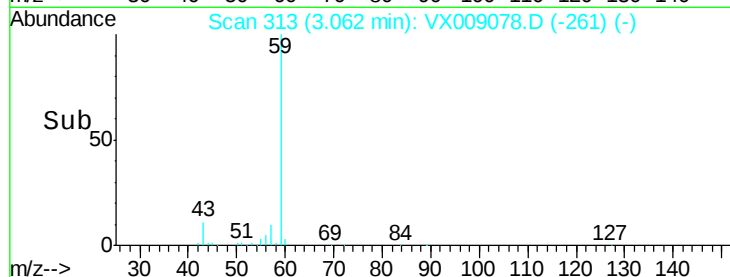
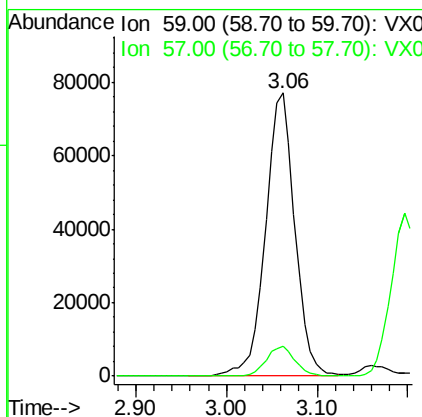
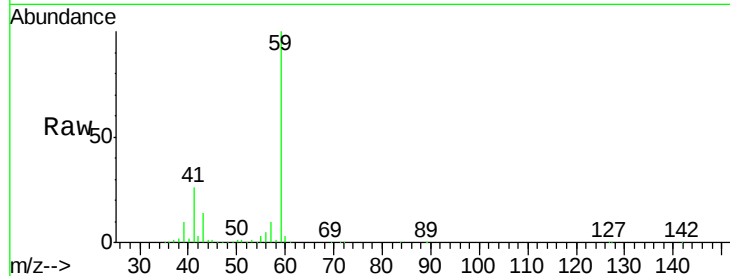
#11
Tert butyl alcohol
Concen: 282.162 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion: 59 Resp: 172264
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

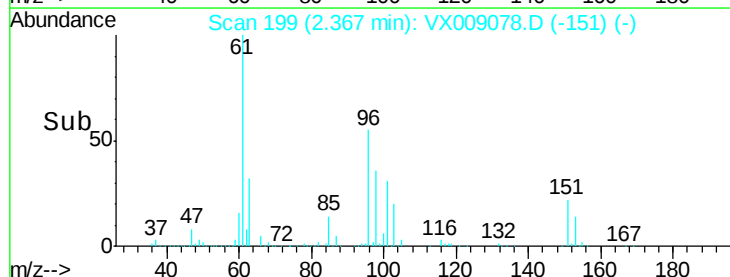
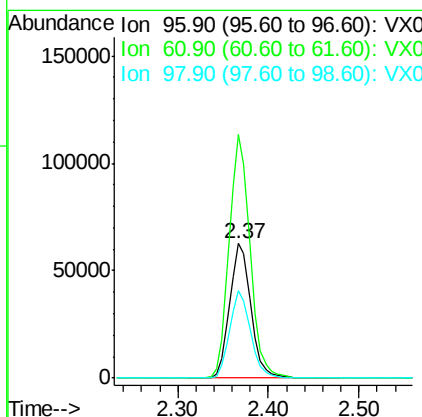
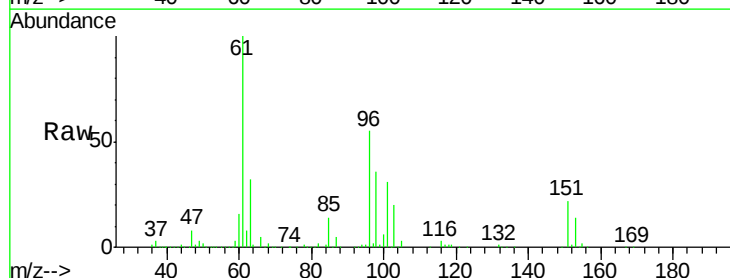
Manual Integrations
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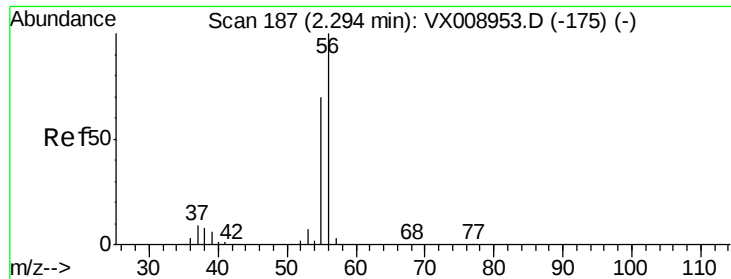
MMDadoda
4/22/2019 10:51:07 AM



#12
1,1-Dichloroethene
Concen: 48.633 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 96 Resp: 101784
Ion Ratio Lower Upper
96 100
61 180.6 142.2 213.2
98 65.3 50.9 76.3





#13

Acrolein

Concen: 269.383 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 56 Resp: 142102

Ion Ratio Lower Upper

56 100

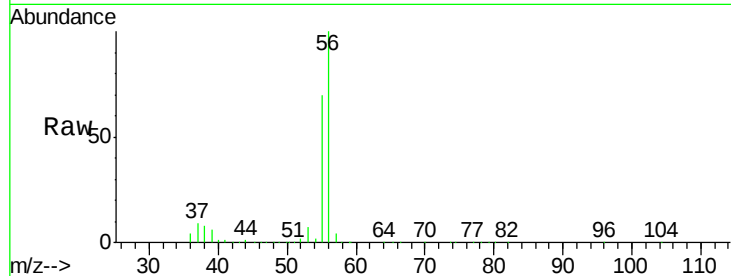
55 71.4 56.6 84.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

100000

80000

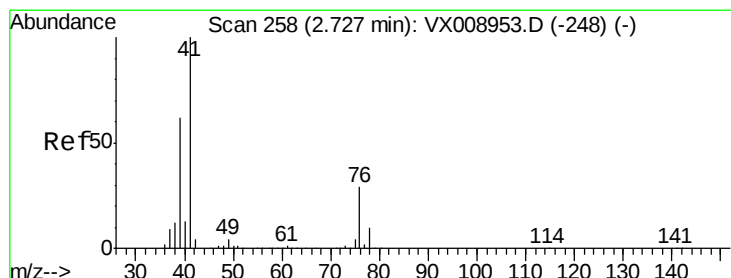
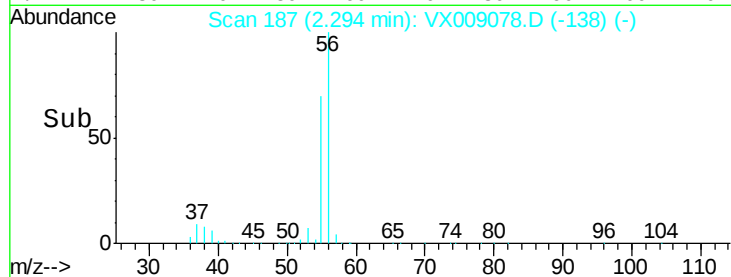
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 54.877 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

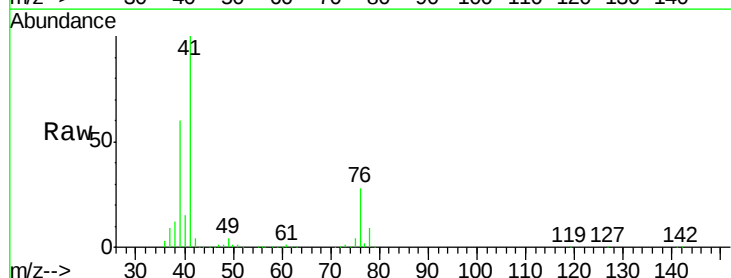
Tgt Ion: 41 Resp: 250574

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

76 26.6 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

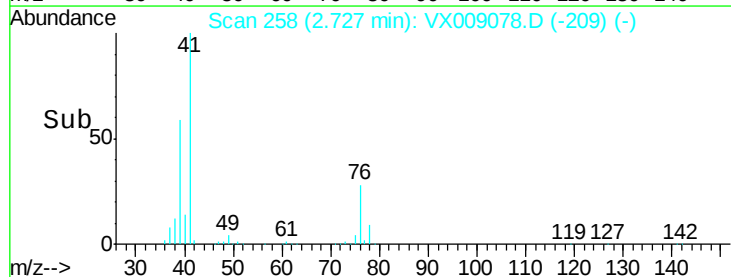
150000

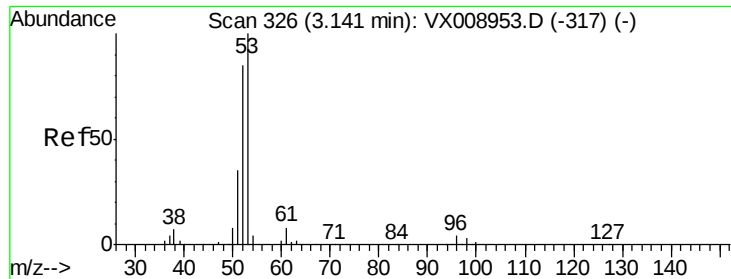
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 287.739 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

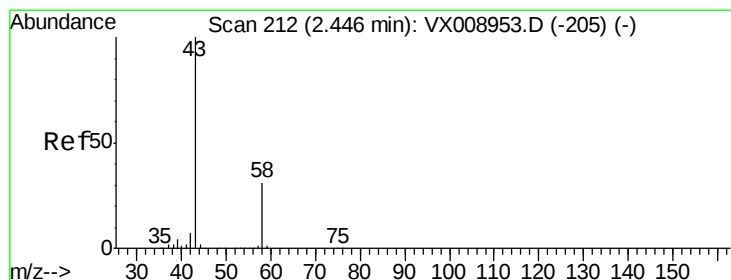
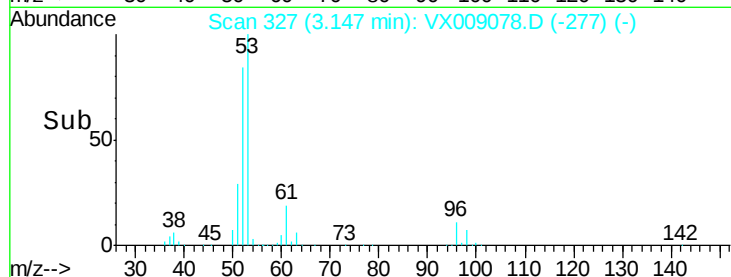
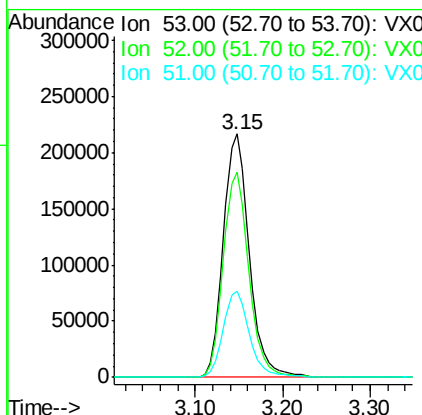
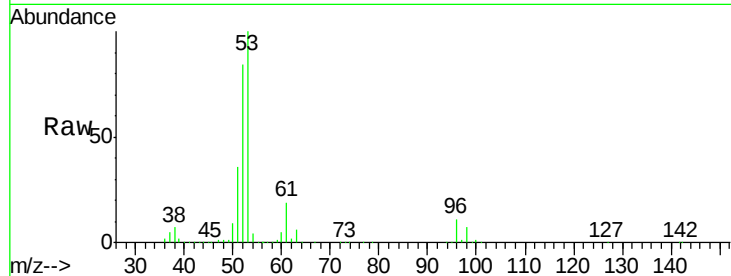
ClientSampleId :

GMW-7MS

Tot Ion:	53	Resp:	445933
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.6	100.0
51	35.7	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 275.287 ug/l

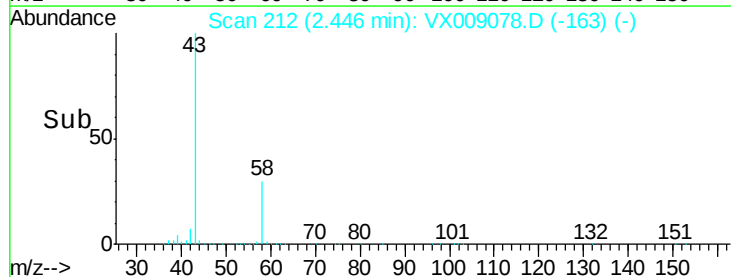
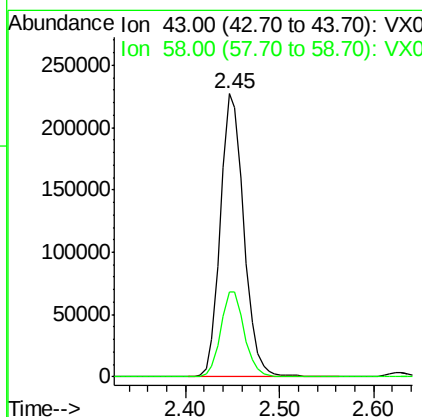
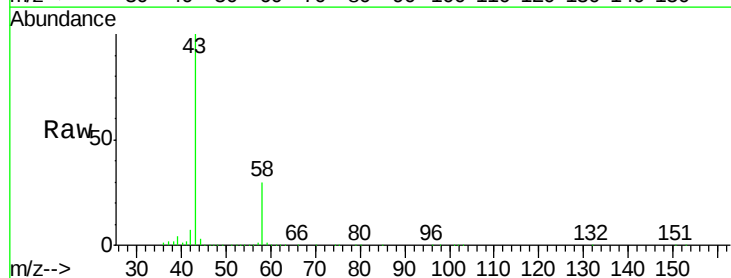
RT: 2.45 min Scan# 212

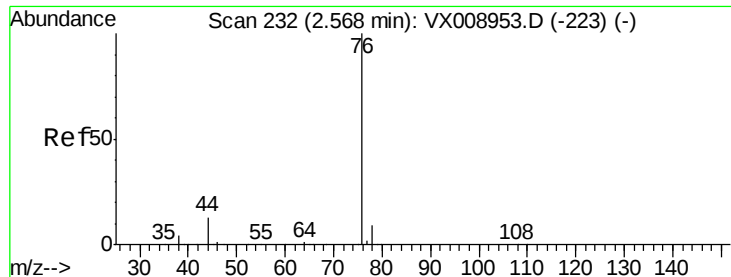
Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	43	Resp:	392640
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.8	37.2





#17

Carbon Disulfide

Concen: 46.635 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 76 Resp: 286281

Ion Ratio Lower Upper

76 100

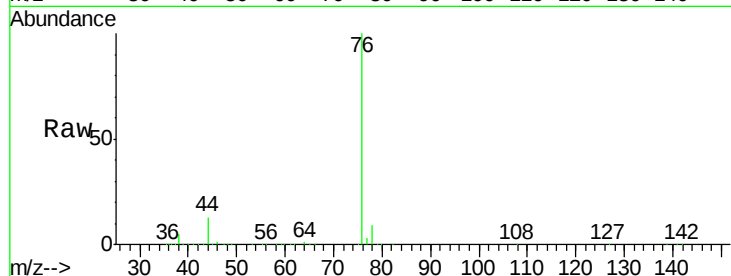
78 8.9 7.2 10.8

Manual Integrations

APPROVED

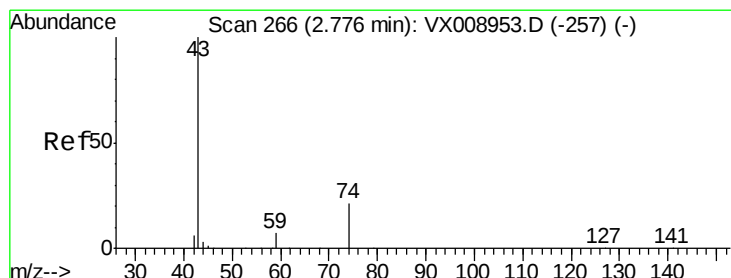
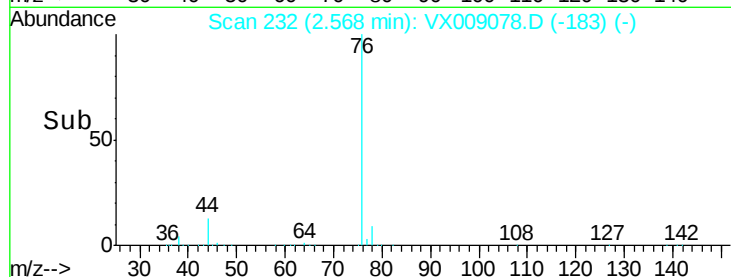
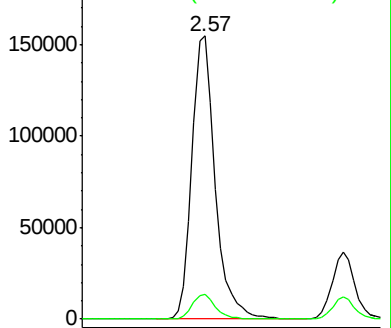
MMDadoda

4/22/2019 10:51:07 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.116 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009078.D

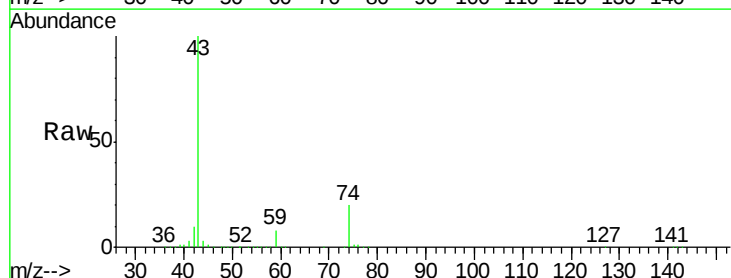
Acq: 19 Apr 2019 18:15

Tgt Ion: 43 Resp: 196197

Ion Ratio Lower Upper

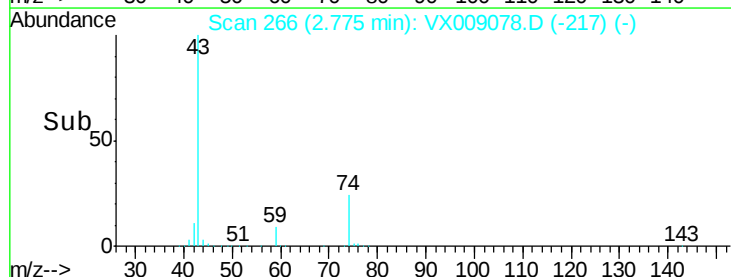
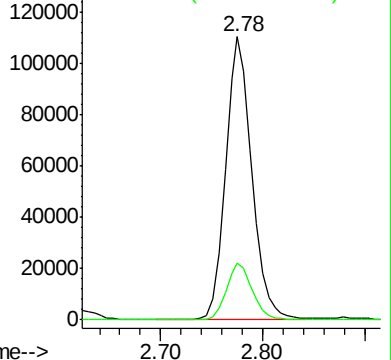
43 100

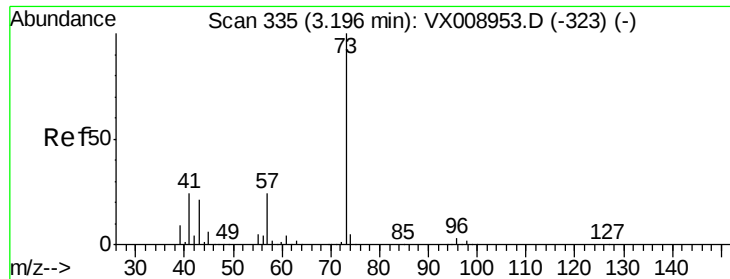
74 19.6 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





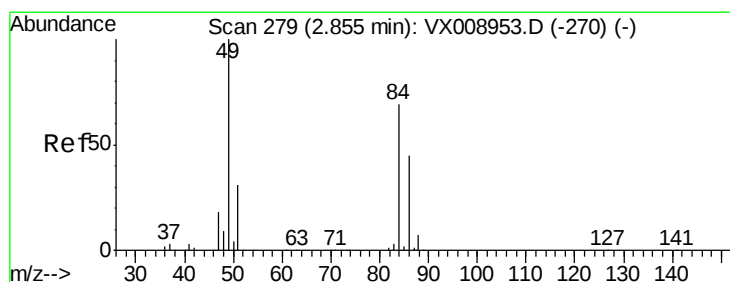
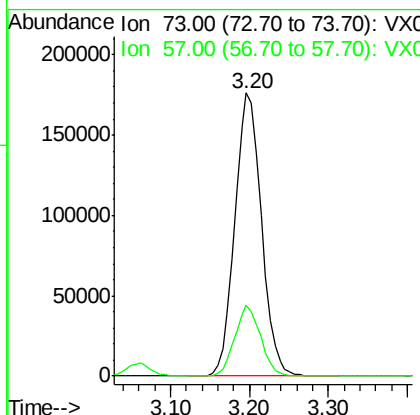
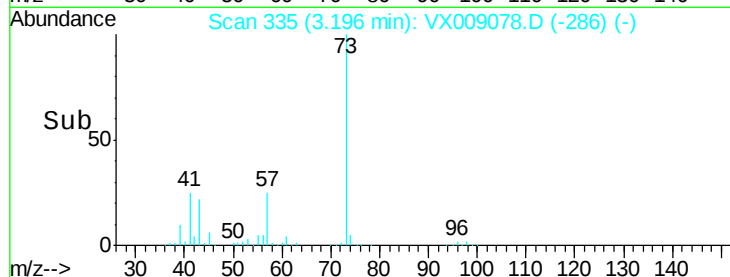
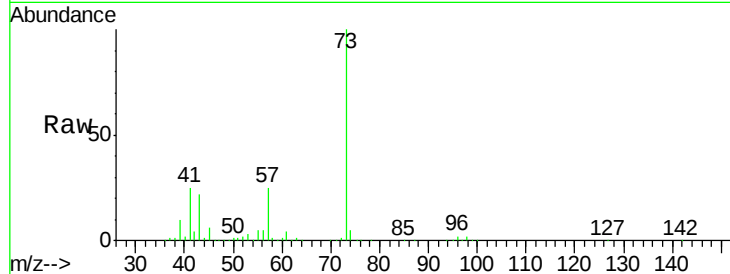
#19
Methvl tert-butvl Ether
Concen: 55.485 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion: 73 Resp: 413768
Ion Ratio Lower Upper
73 100
57 25.1 19.2 28.8

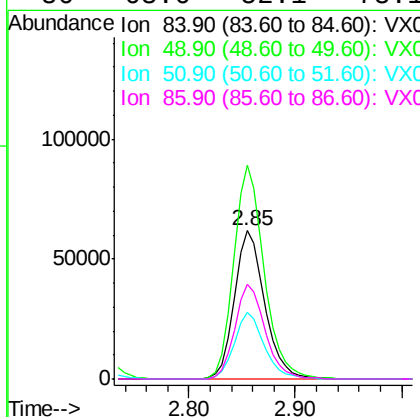
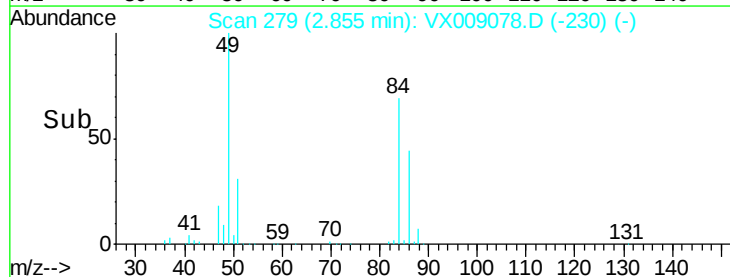
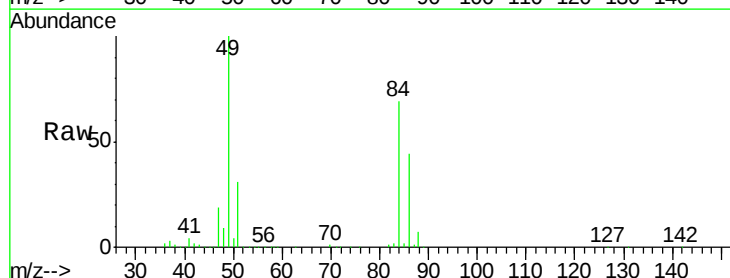
Manual Integrations
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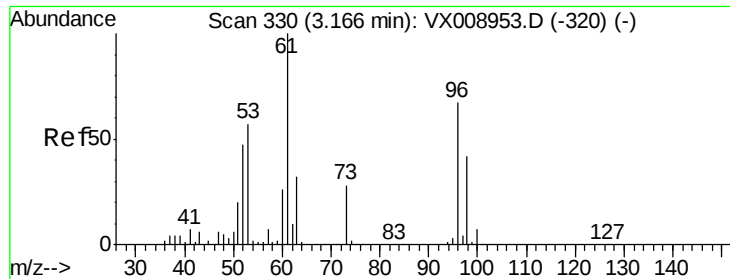
MMDadoda
4/22/2019 10:51:07 AM



#20
Methylene Chloride
Concen: 50.681 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 84 Resp: 123618
Ion Ratio Lower Upper
84 100
49 144.2 115.4 173.0
51 45.3 35.8 53.6
86 63.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.098 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 96 Resp: 111835

Ion Ratio Lower Upper

96 100

61 159.1 120.3 180.5

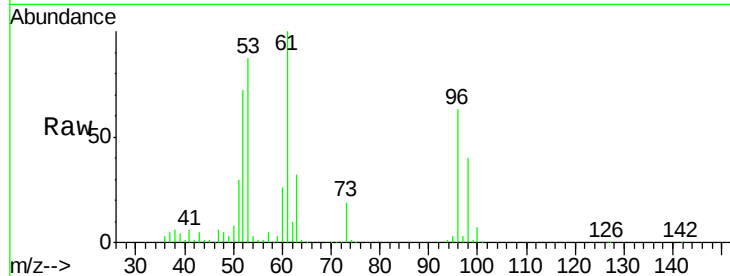
98 62.9 50.2 75.2

Manual Integrations

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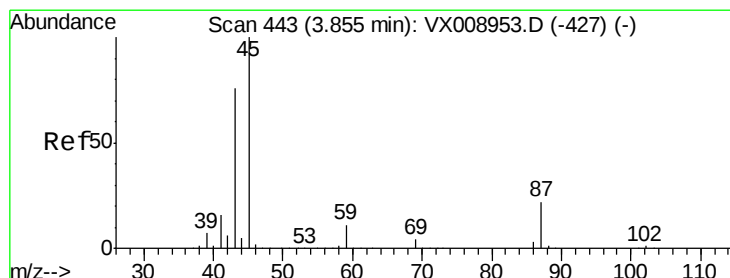
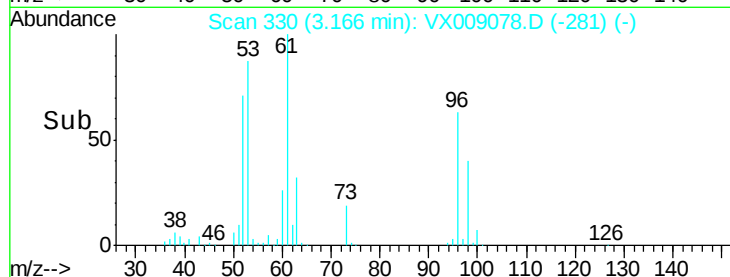
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



#22

Diisopropyl ether

Concen: 55.925 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion: 45 Resp: 496206

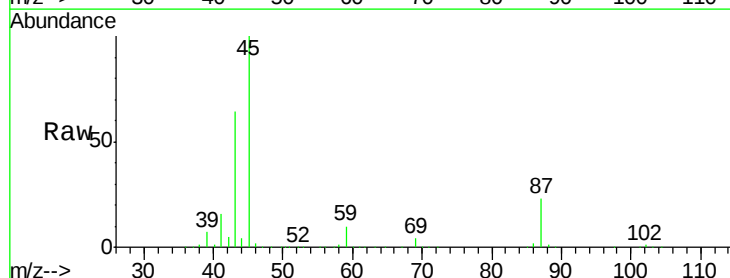
Ion Ratio Lower Upper

45 100

43 63.6 60.6 91.0

87 22.6 17.8 26.8

59 10.3 8.7 13.1



Abundance

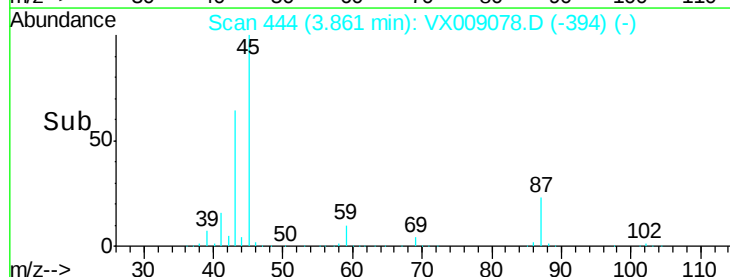
Ion 45.00 (44.70 to 45.70): VX0

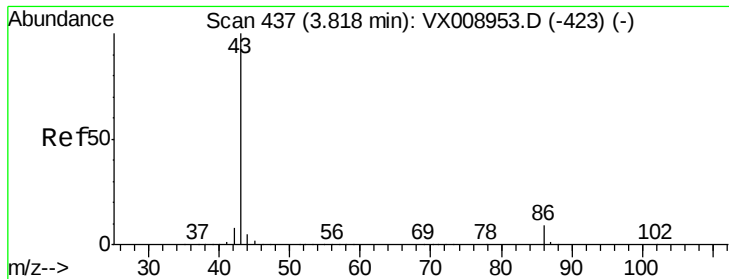
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->





#23

Vinyl Acetate

Concen: 265.202 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 43 Resp: 2068420

Ion Ratio Lower Upper

43 100

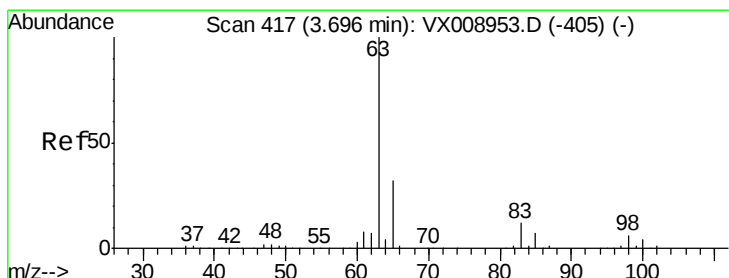
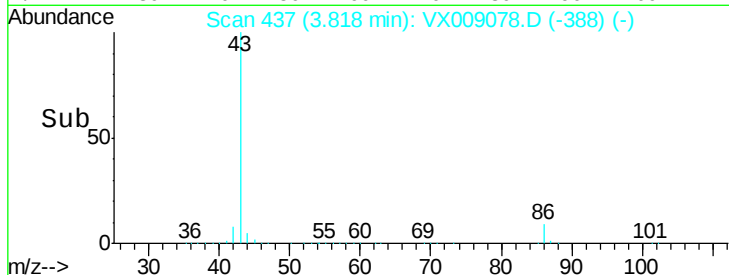
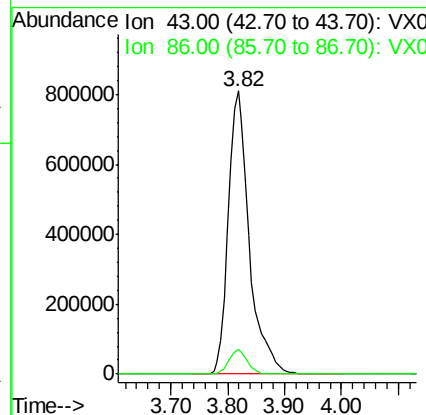
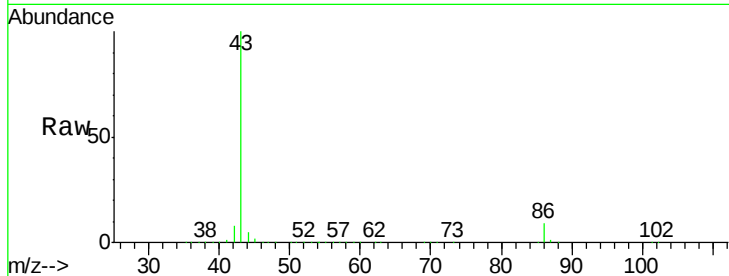
86 8.6 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.438 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

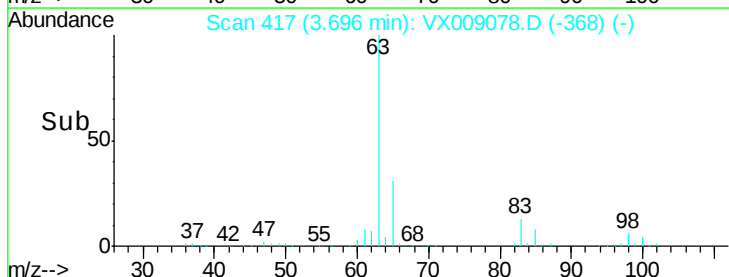
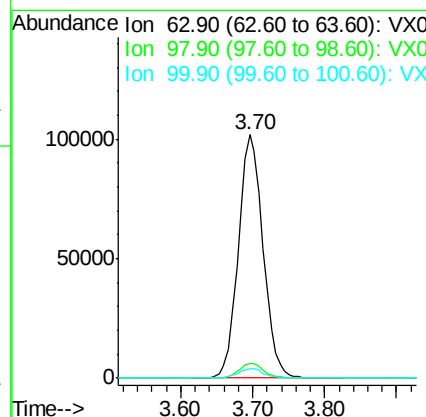
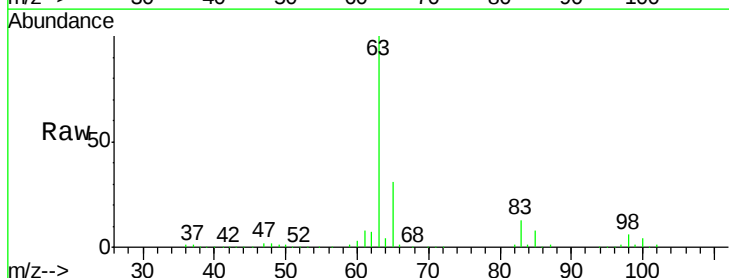
Tgt Ion: 63 Resp: 242464

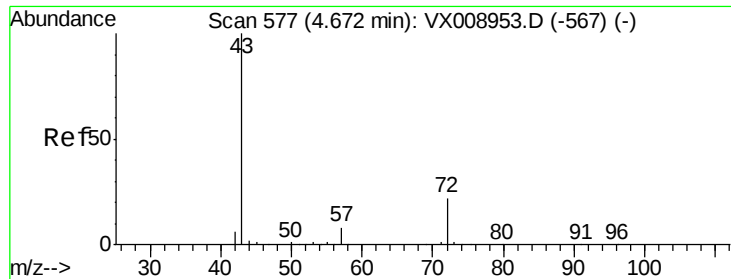
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 290.294 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

GMW-7MS

Tot Ion: 43 Resp: 661822

Ion Ratio Lower Upper

43 100

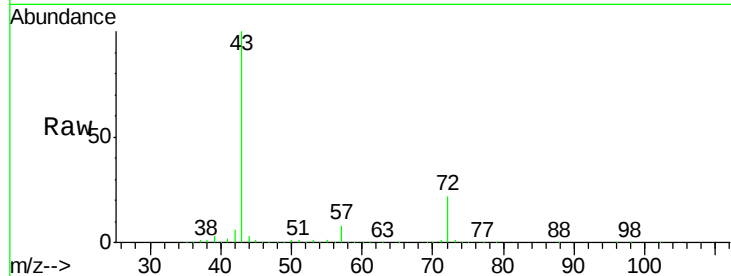
72 22.2 17.5 26.3

Manual Integrations

APPROVED

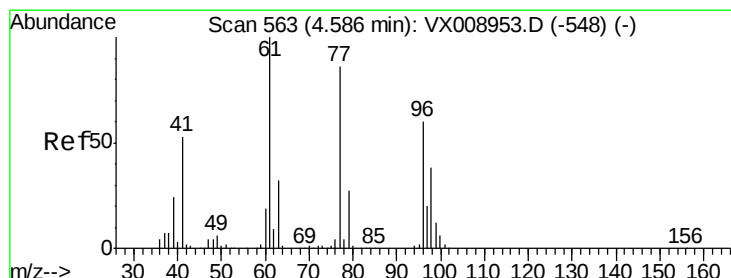
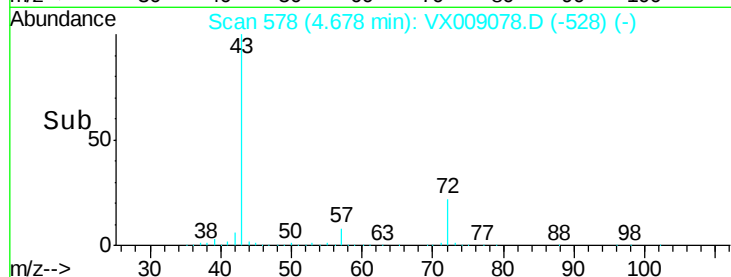
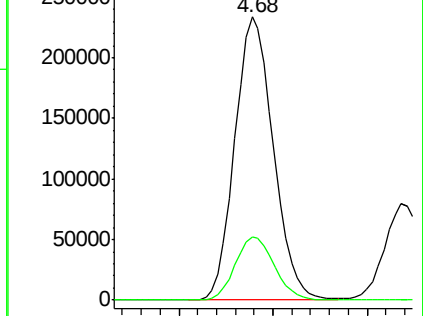
MMDadoda

4/22/2019 10:51:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.215 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009078.D

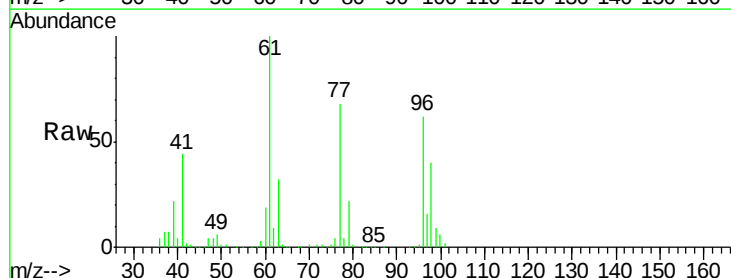
Acq: 19 Apr 2019 18:15

Tgt Ion: 77 Resp: 140938

Ion Ratio Lower Upper

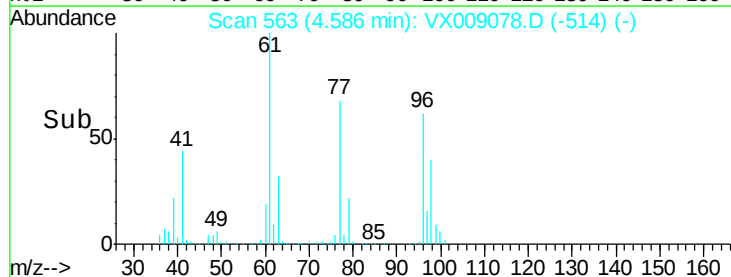
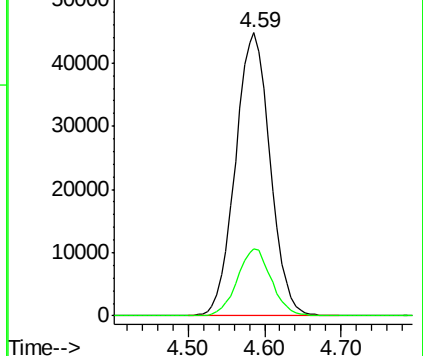
77 100

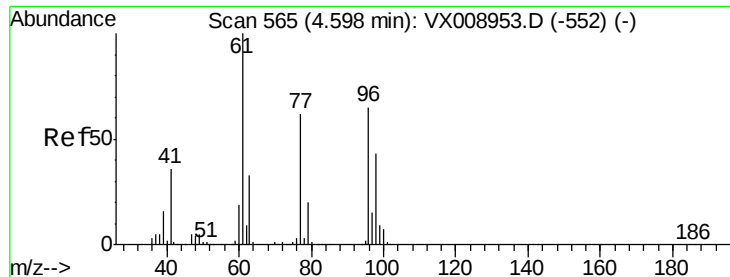
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

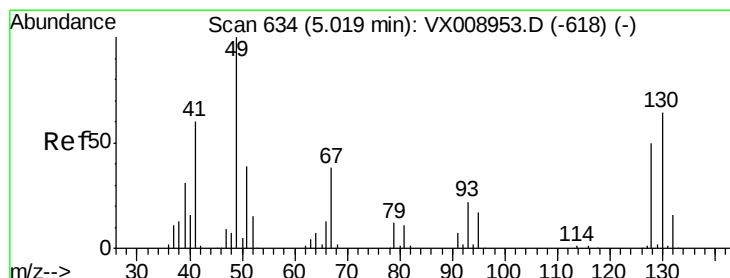
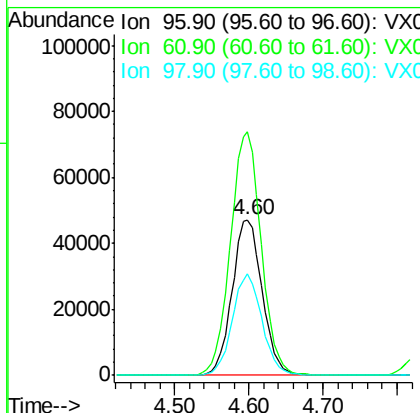
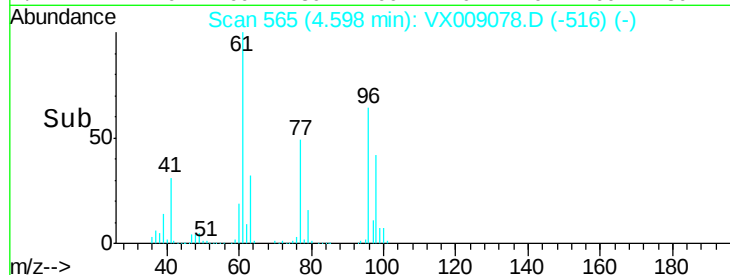
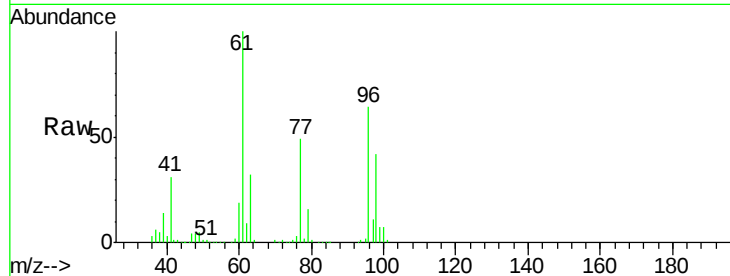
cis-1,2-Dichloroethene
Concen: 52.790 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133797		
61	159.6	0.0	322.0	
98	64.1	0.0	128.4	

Manual Integrations
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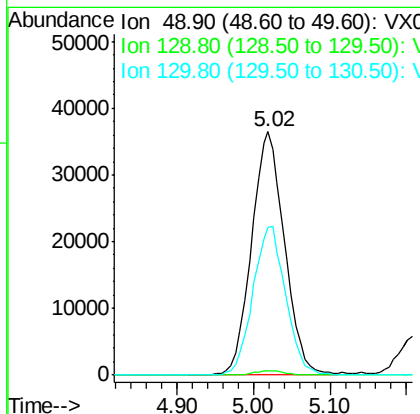
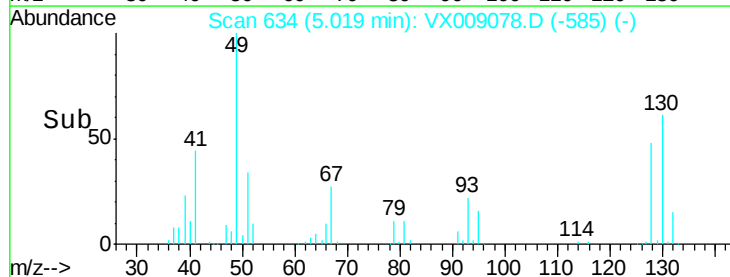
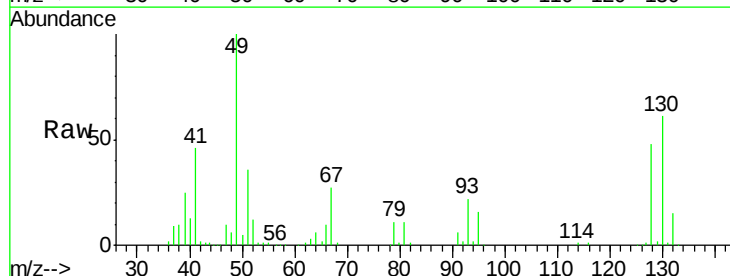
MMDadoda
4/22/2019 10:51:07 AM

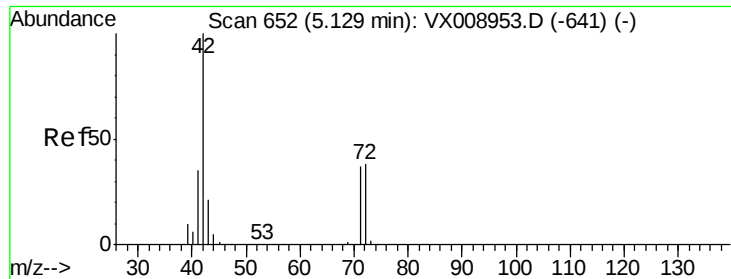


#28

Bromochloromethane
Concen: 59.534 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109456		
129	1.9	0.0	3.6	
130	60.6	50.4	75.6	





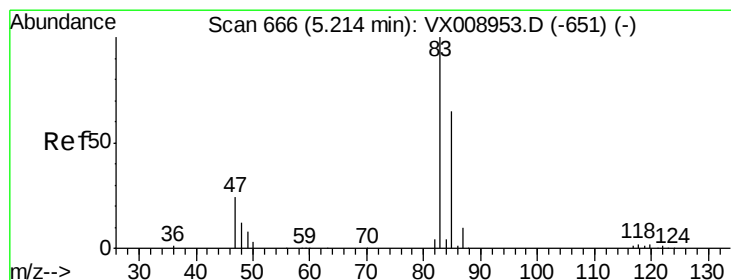
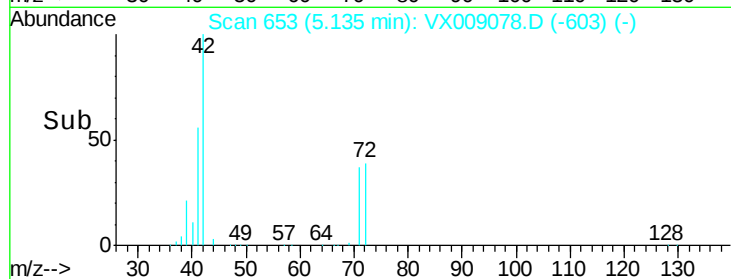
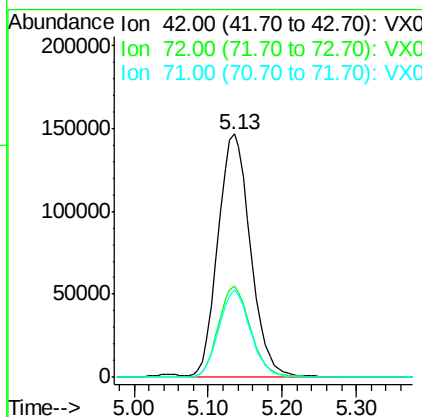
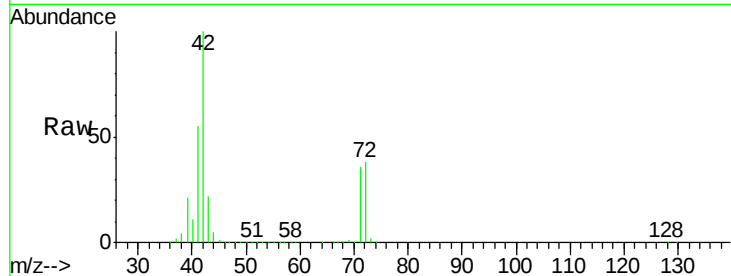
#29
Tetrahydrofuran
Concen: 290.717 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.6	45.8
71	35.1	28.8	43.2

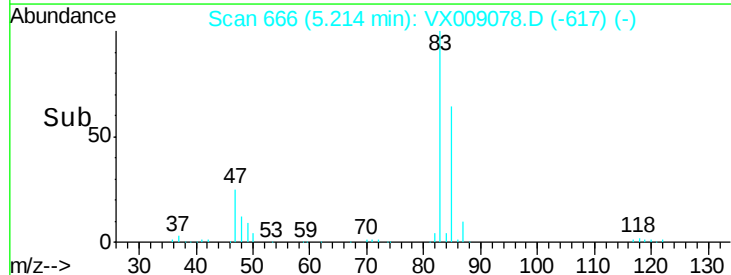
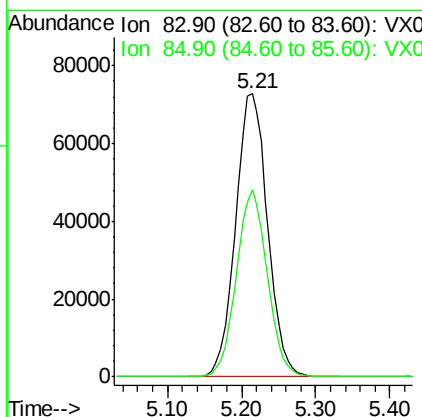
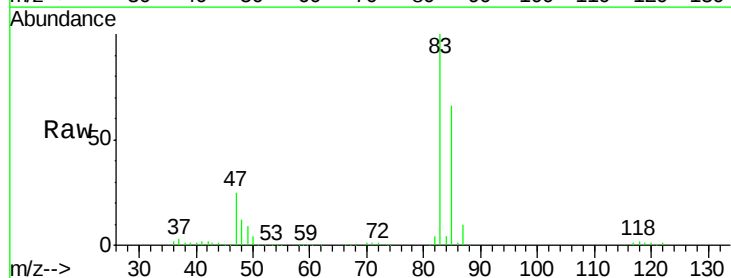
Manual Integrations
APPROVED

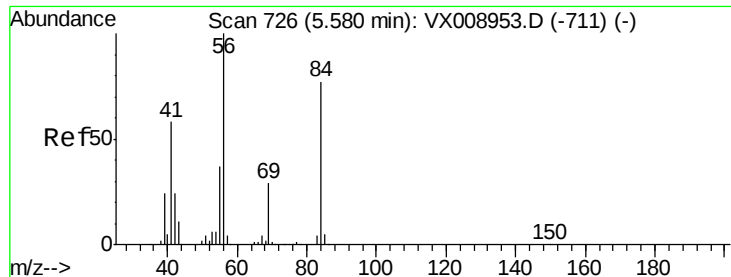
MMDadoda
4/22/2019 10:51:07 AM



#30
Chloroform
Concen: 54.987 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





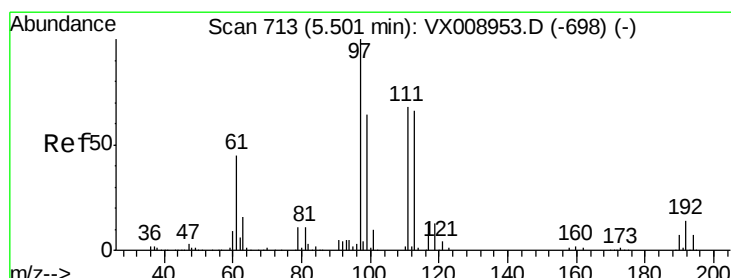
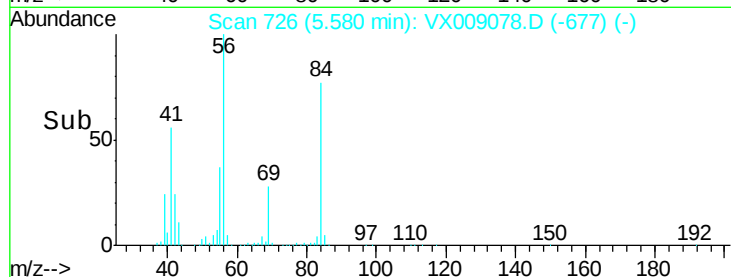
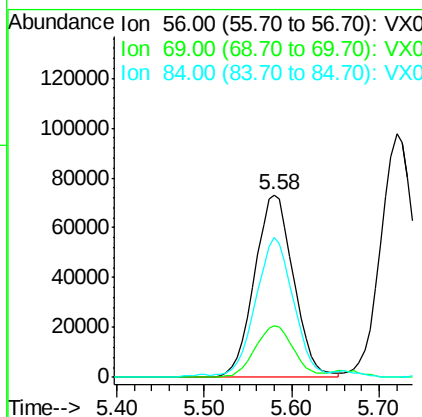
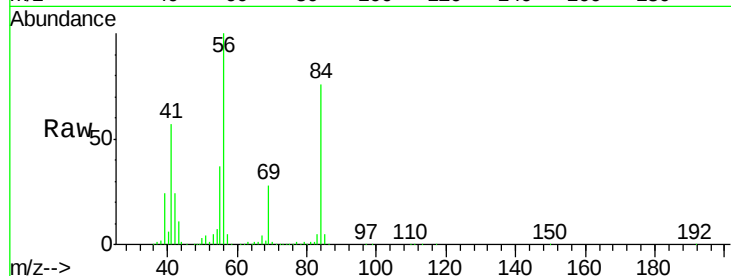
#31
Cyclohexane
Concen: 51.837 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.3	34.9
84	75.5	61.7	92.5

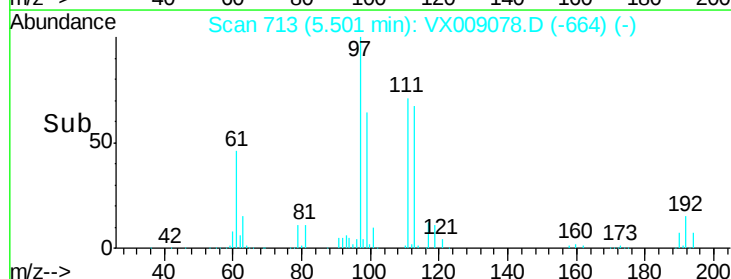
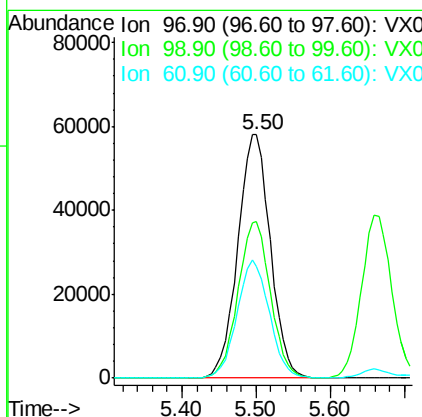
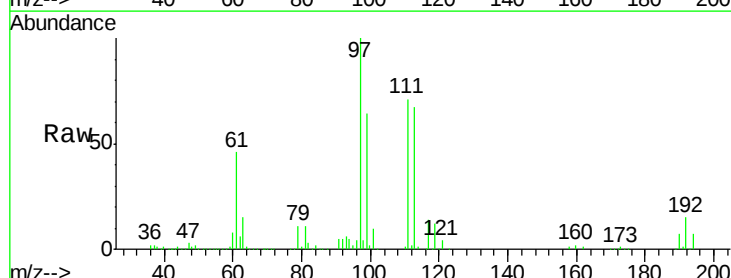
Manual Integrations
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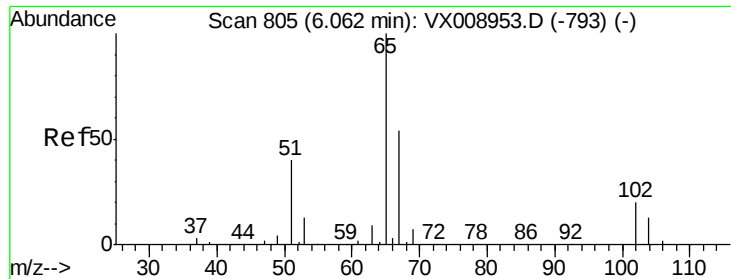
MMDadoda
4/22/2019 10:51:07 AM



#32
1,1,1-Trichloroethane
Concen: 54.029 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	48.1	37.9	56.9





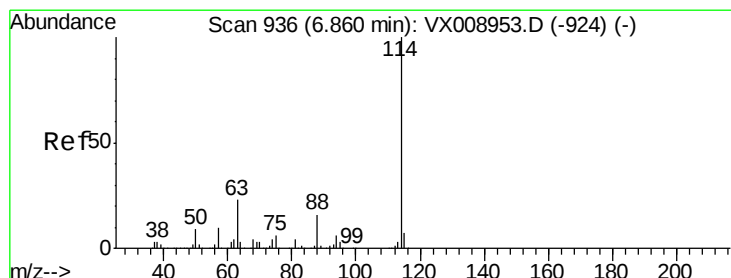
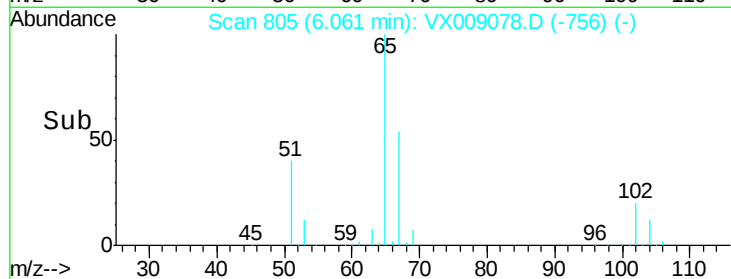
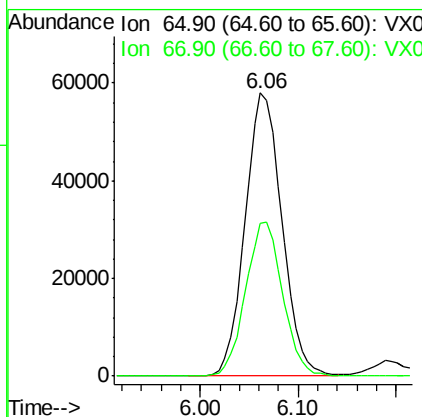
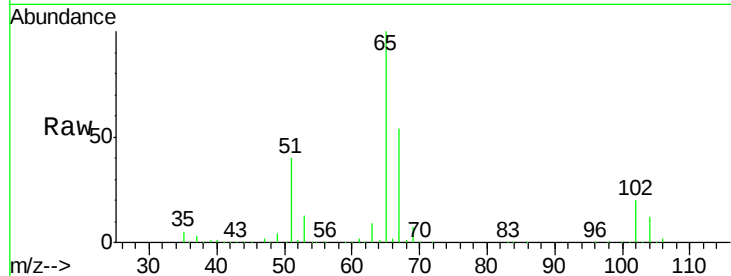
#33
 1,2-Dichloroethane-d4
 Concen: 55.214 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.6

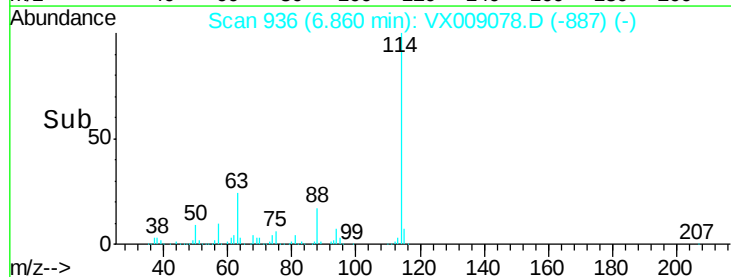
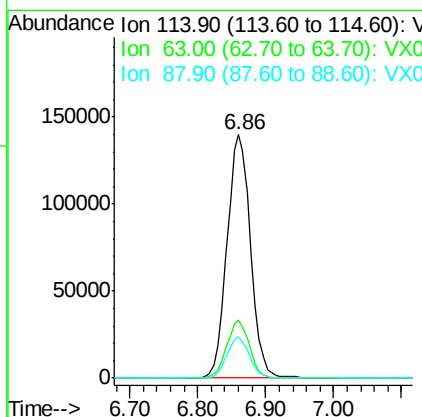
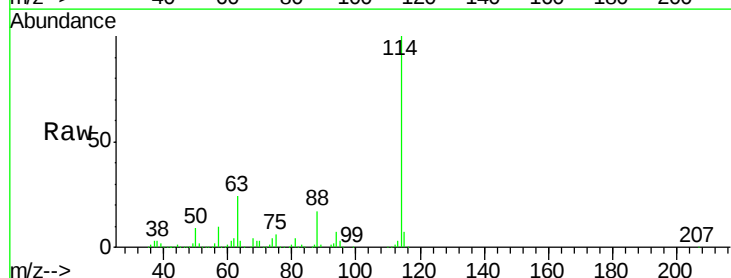
Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:07 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	46.0
88	16.8	0.0	32.6





#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

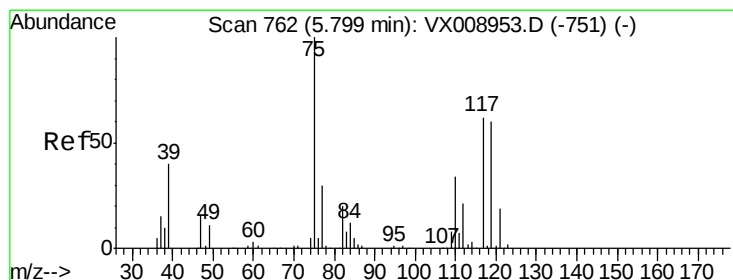
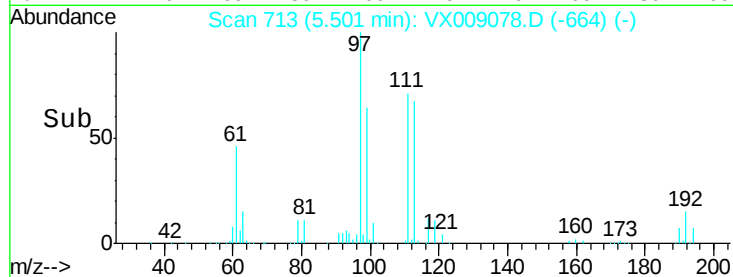
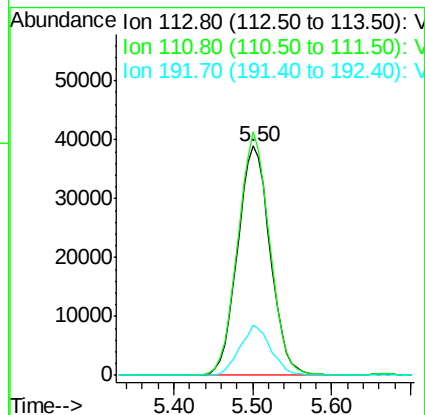
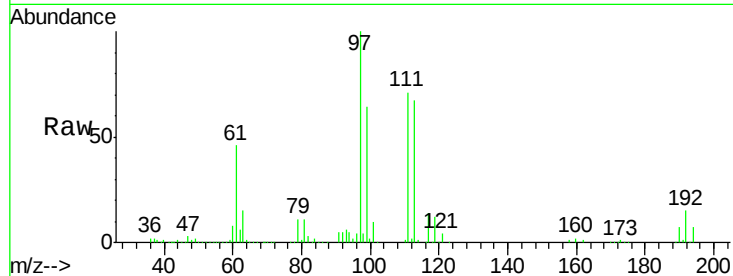
ClientSampled :

GMW-7MS

Tot Ion:	113	Resp:	112034
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	20.8	17.4	26.0

Manual Integrations
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MMDadoda
4/22/2019 10:51:07 AM



#36

1,1-Dichloropropene

Concen: 47.436 ug/l

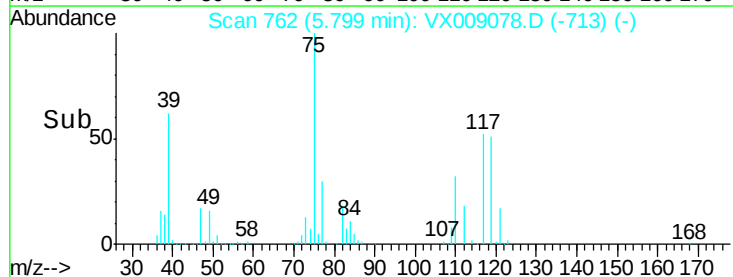
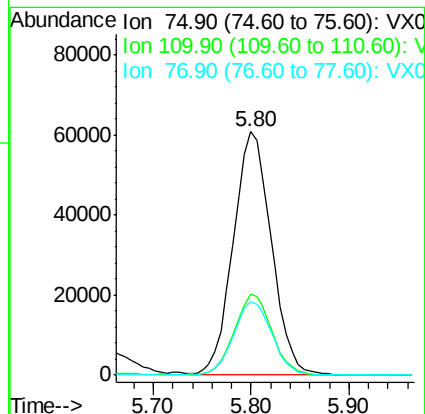
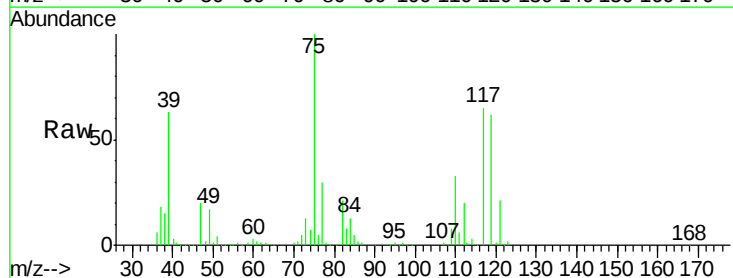
RT: 5.80 min Scan# 762

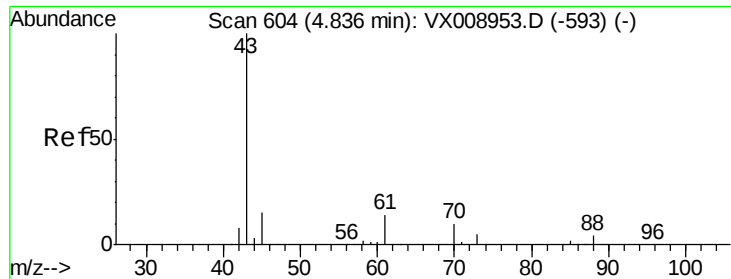
Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	75	Resp:	163340
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	30.4	25.0	37.4





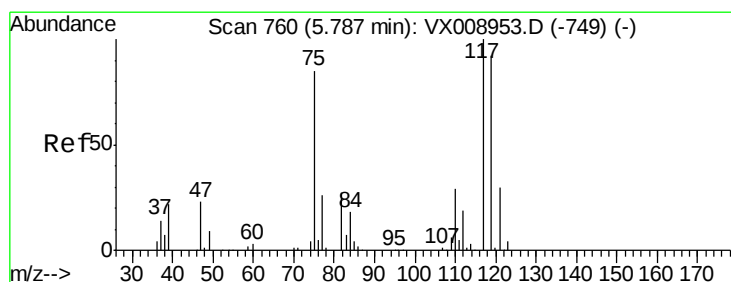
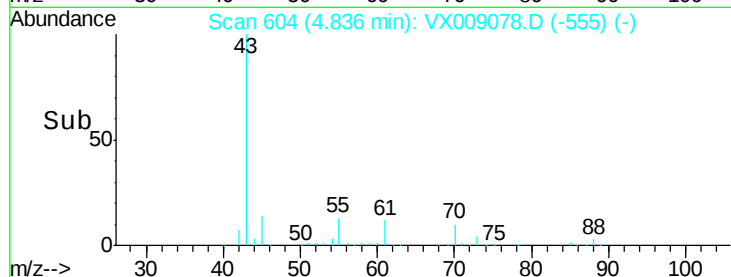
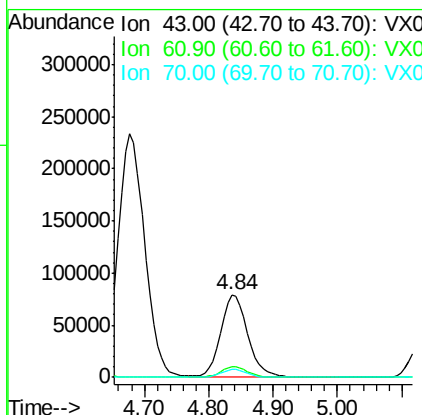
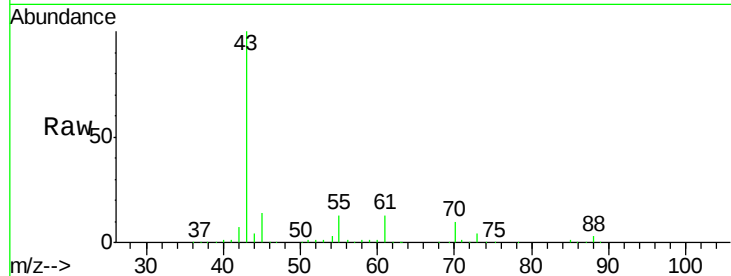
#37
Ethyl Acetate
Concen: 52.855 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampled :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.4	7.7	11.5

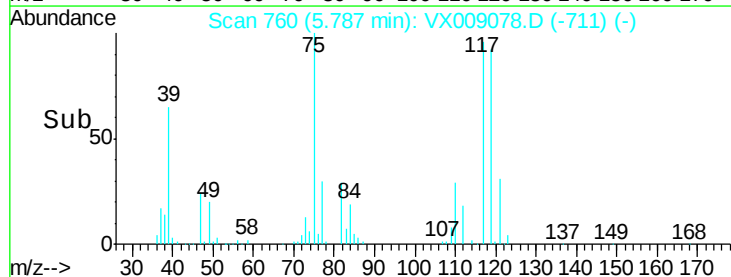
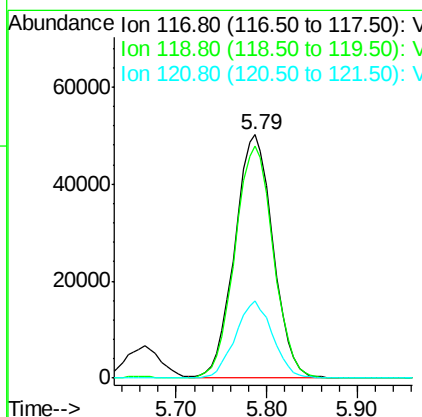
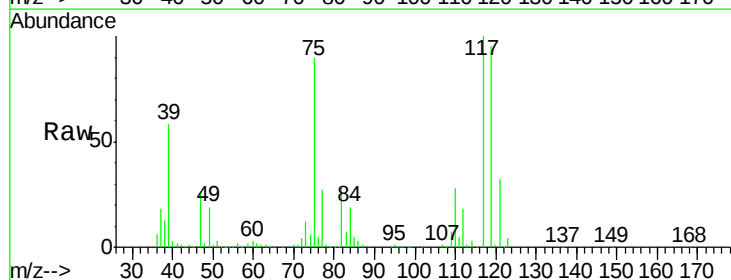
Manual Integrations
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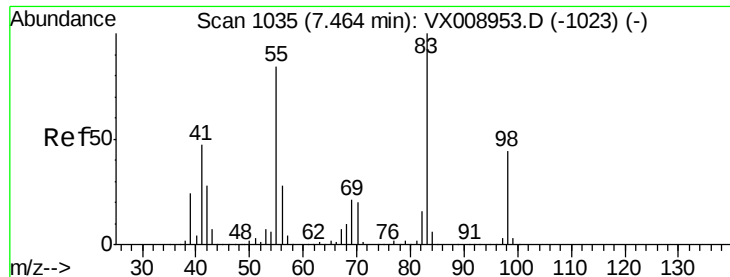
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#38
Carbon Tetrachloride
Concen: 50.104 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.8	110.8
121	31.7	23.6	35.4





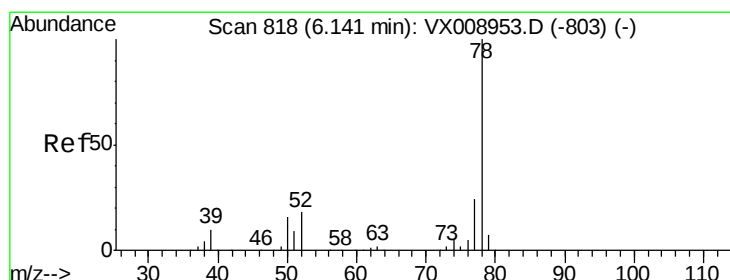
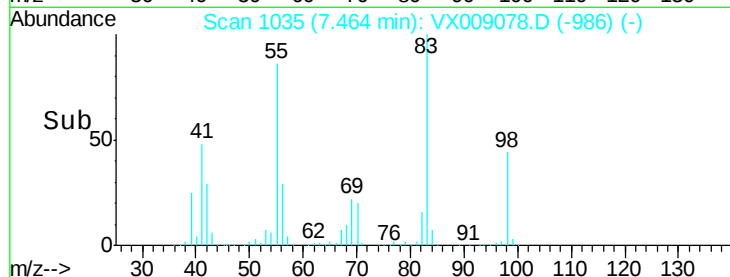
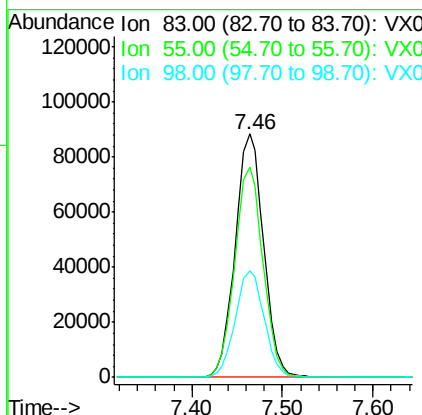
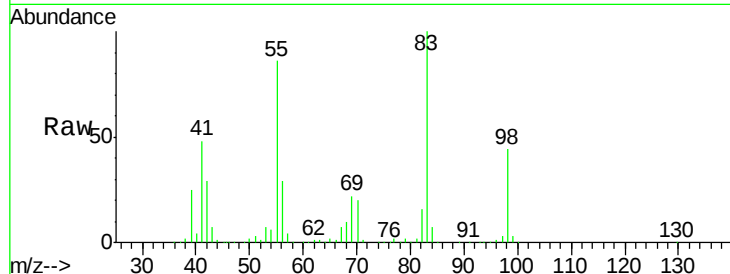
#39
Methvlcvclohexane
Concen: 45.743 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	67.1	100.7
98	43.8	35.1	52.7

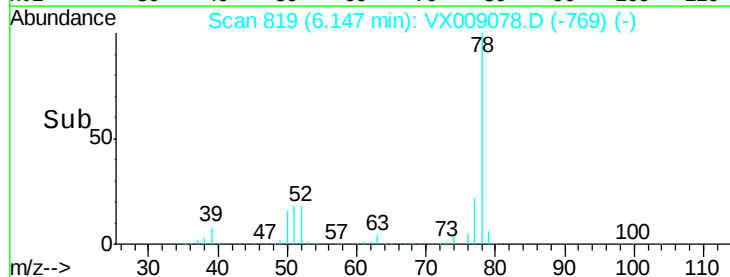
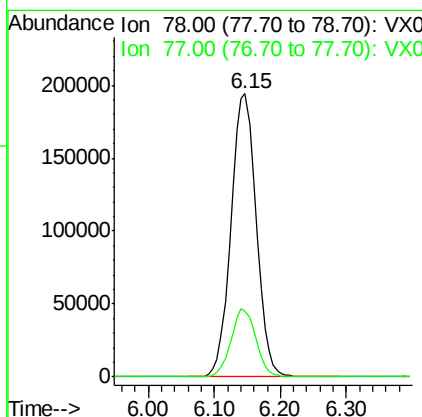
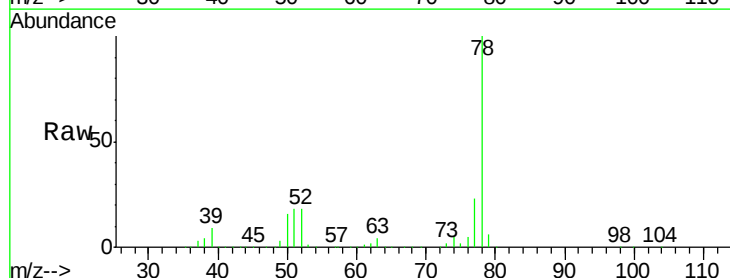
Manual Integrations
APPROVED

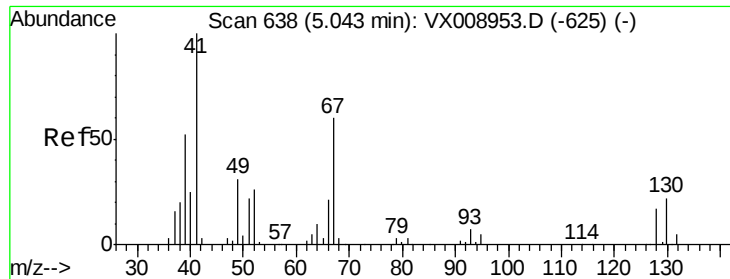
MMDadoda
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#40
Benzene
Concen: 50.563 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





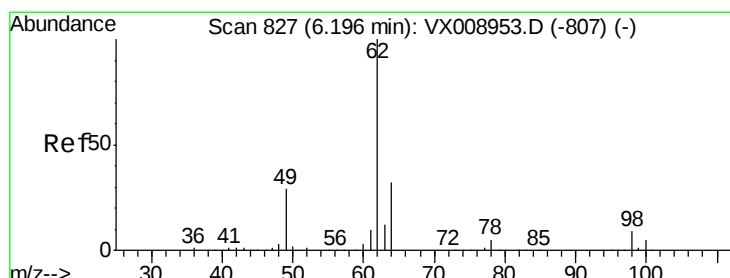
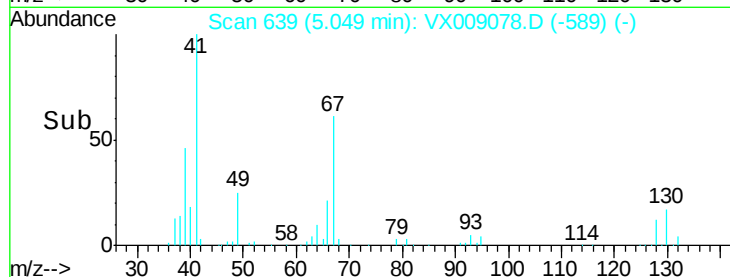
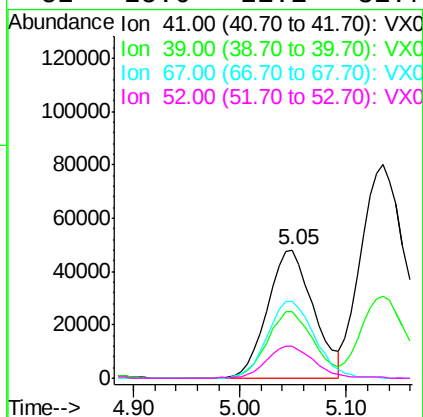
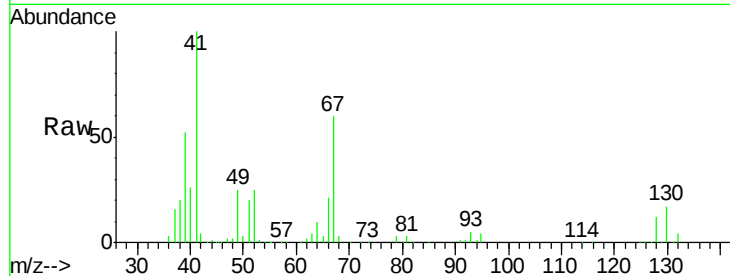
#41
Methacrylonitrile
Concen: 56.675 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampled :
GMW-7MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	41.8	62.6	
67	61.9	50.2	75.4	
52	25.6	21.1	31.7	

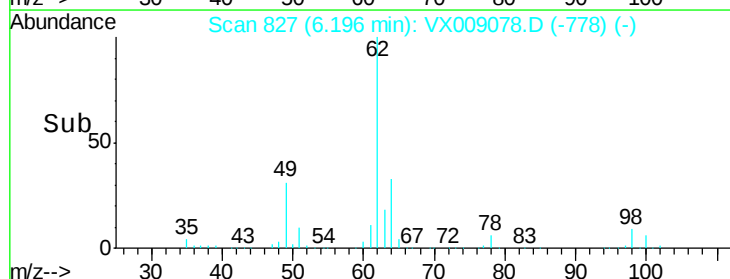
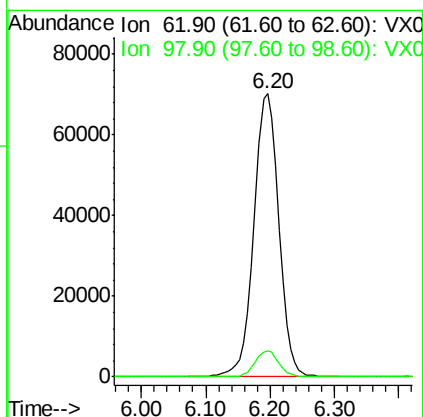
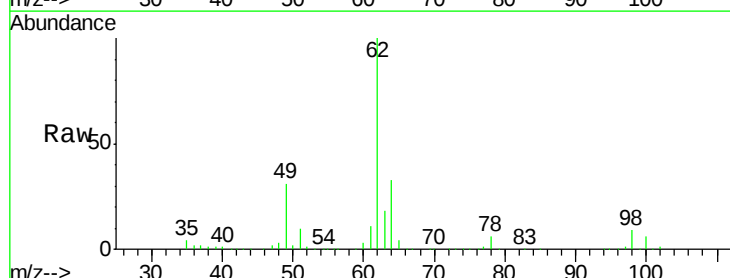
Manual Integrations
APPROVED

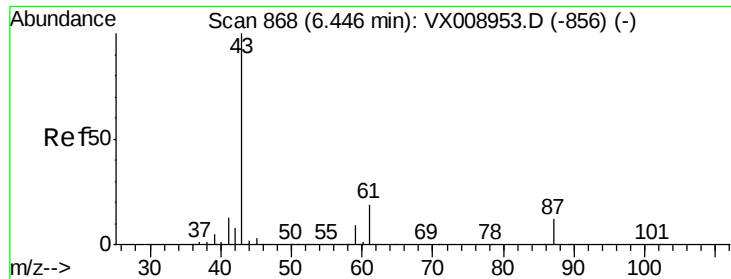
MMDadoda
4/22/2019 10:51:07 AM



#42
1,2-Dichloroethane
Concen: 51.626 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

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





#43

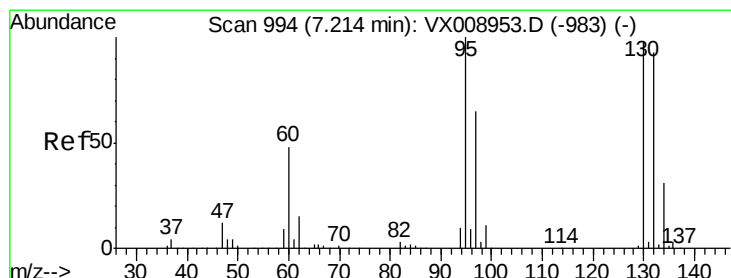
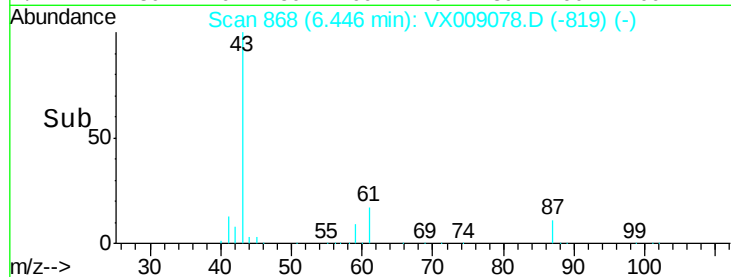
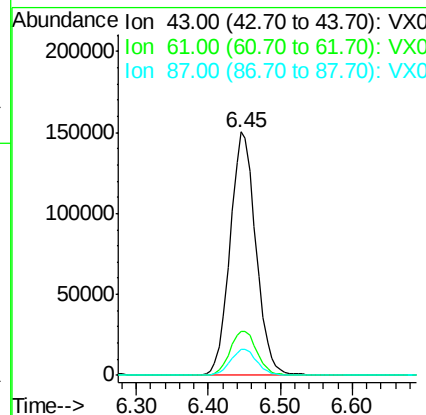
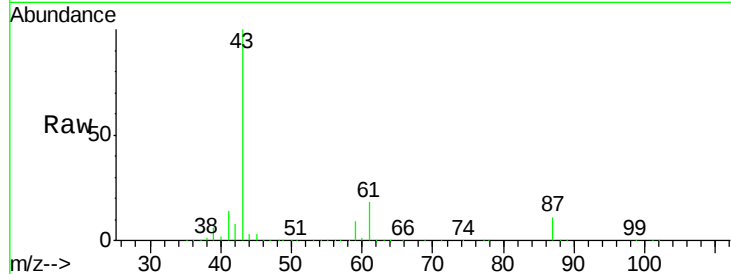
Isopropyl Acetate
 Concen: 52.375 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	10.9	9.0	13.4

Manual Integrations
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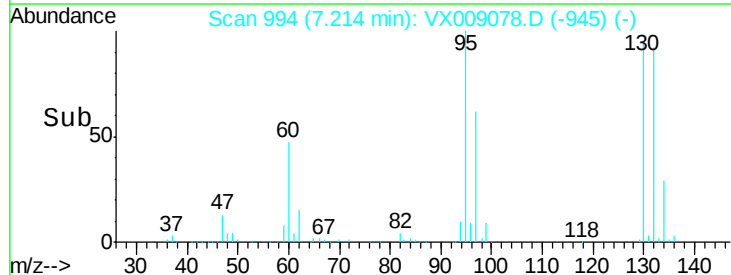
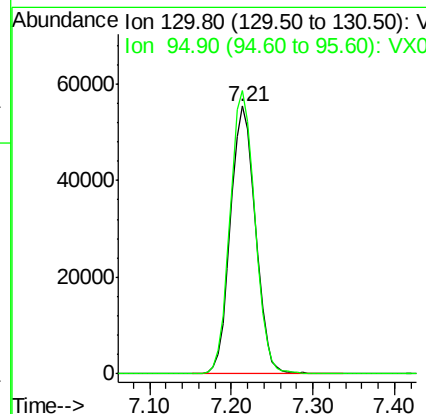
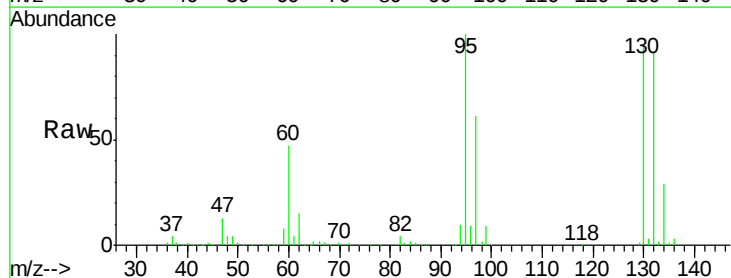
MMDadoda
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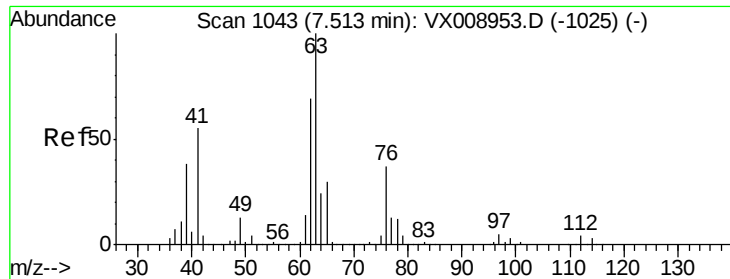


#44

Trichloroethene
 Concen: 47.090 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	203.2





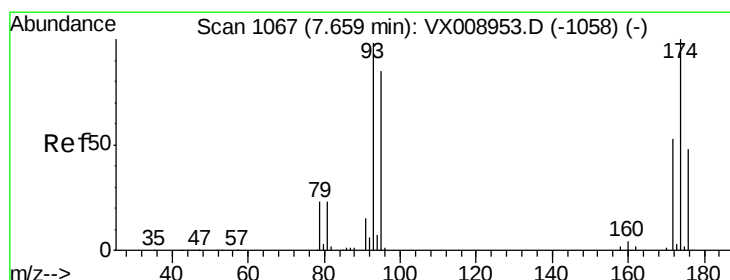
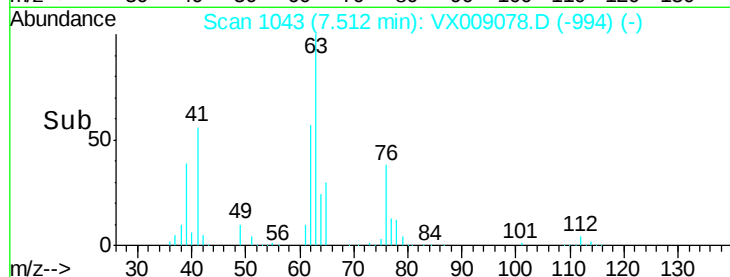
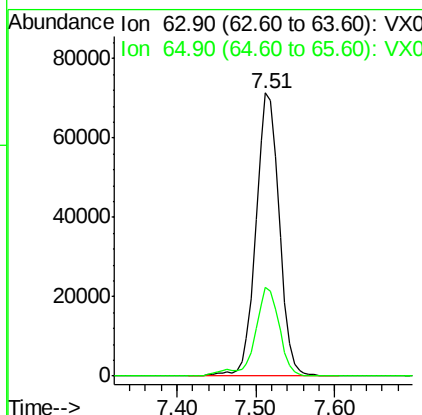
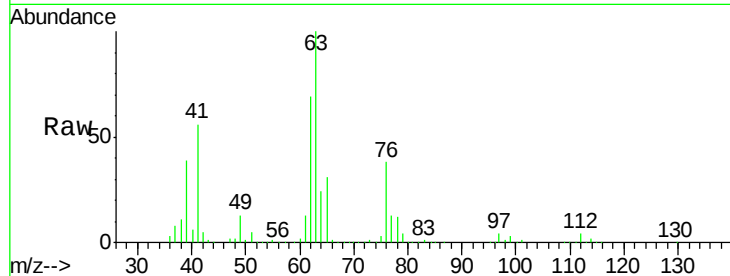
#45
 1,2-Dichloropropane
 Concen: 52.148 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion: 63 Resp: 146962
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.1 36.1

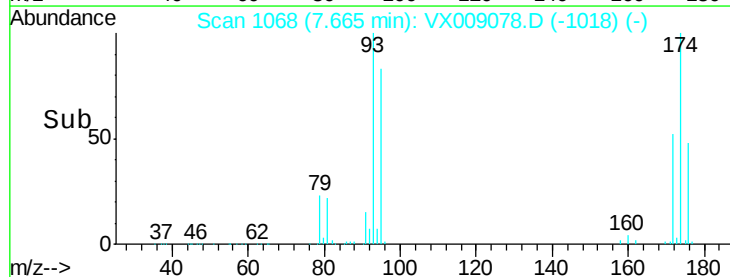
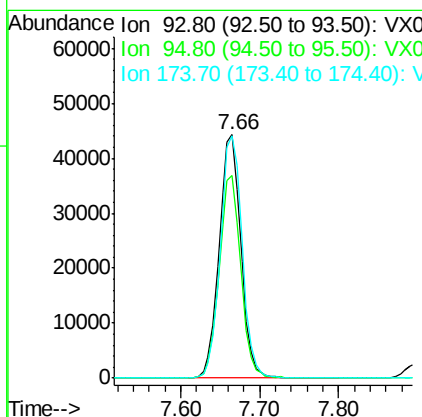
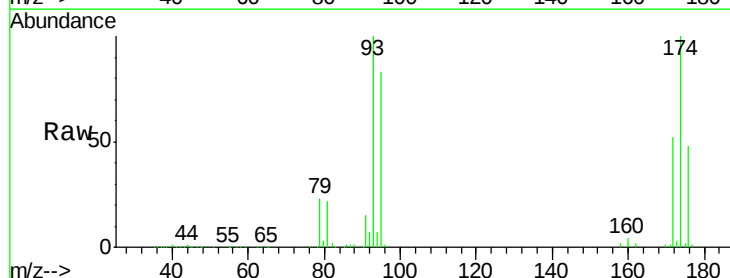
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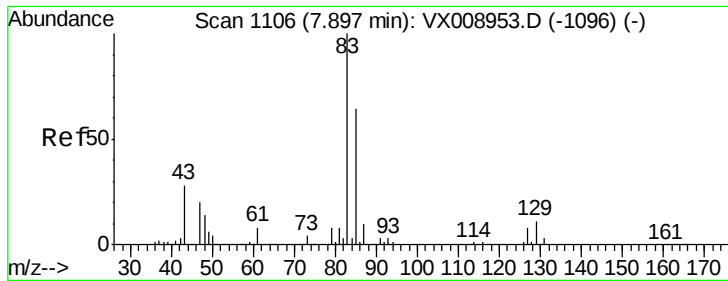
MMDadoda
 4/22/2019 10:51:07 AM



#46
 Dibromomethane
 Concen: 51.724 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 93 Resp: 84833
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 100.0 81.6 122.4





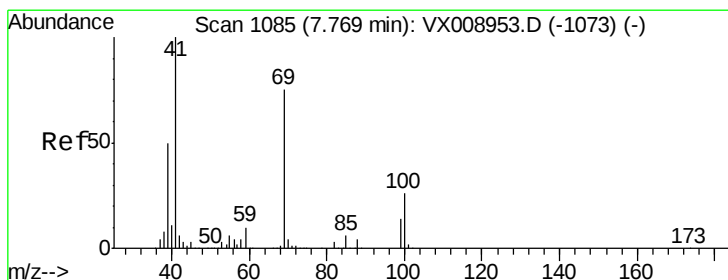
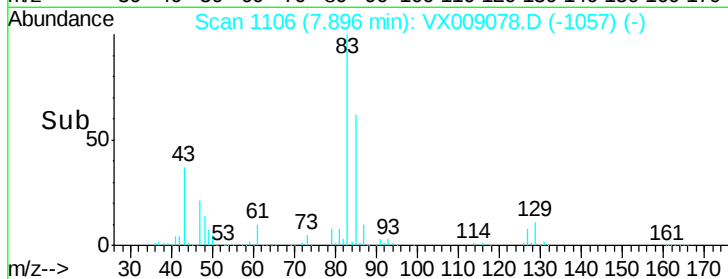
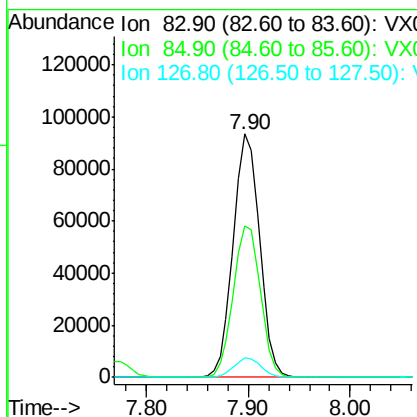
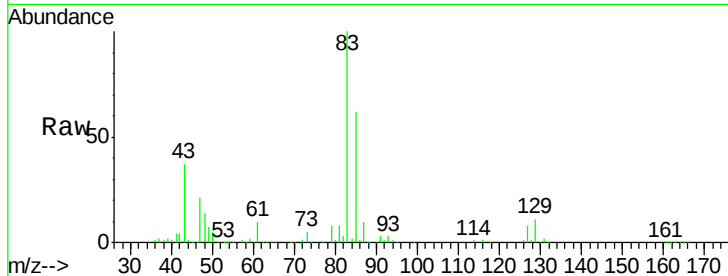
#47
 Bromodichloromethane
 Concen: 52.173 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion	83	Resp	167832
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.8	76.2
127	7.9	6.4	9.6

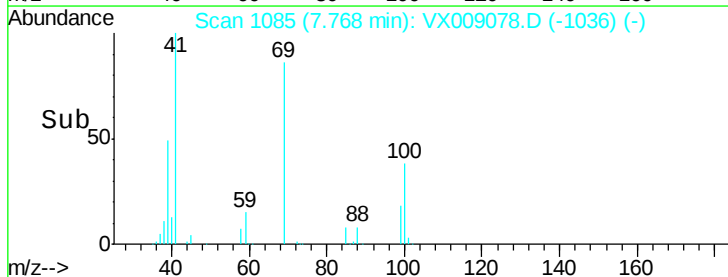
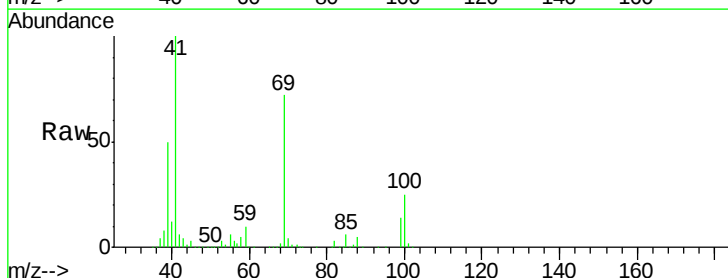
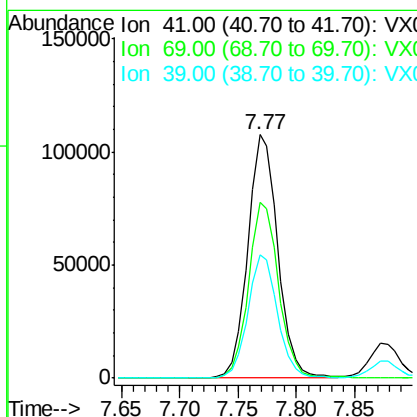
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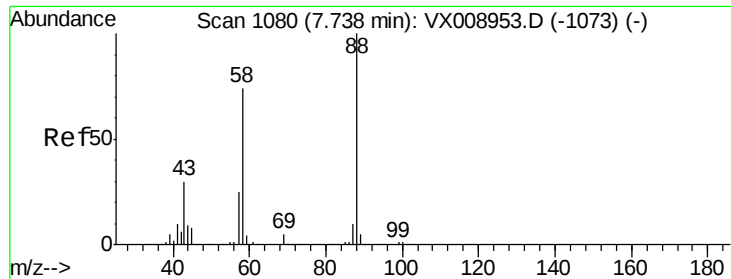
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#48
 Methyl methacrylate
 Concen: 54.584 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	41	Resp	192578
Ion Ratio	Lower	Upper	
41	100		
69	72.8	59.4	89.2
39	50.2	39.8	59.6





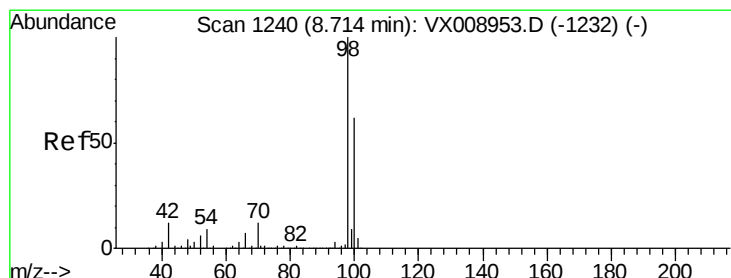
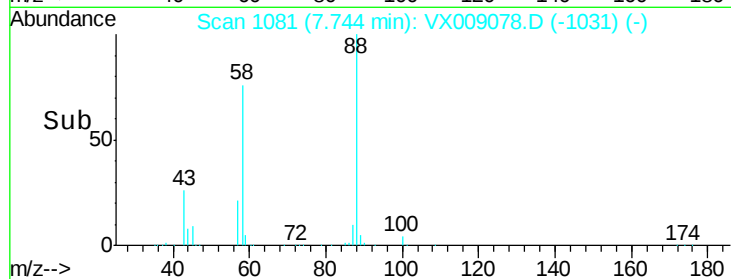
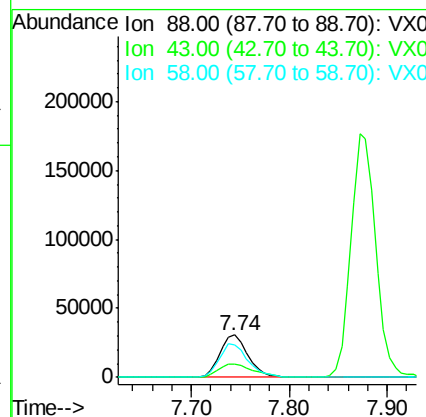
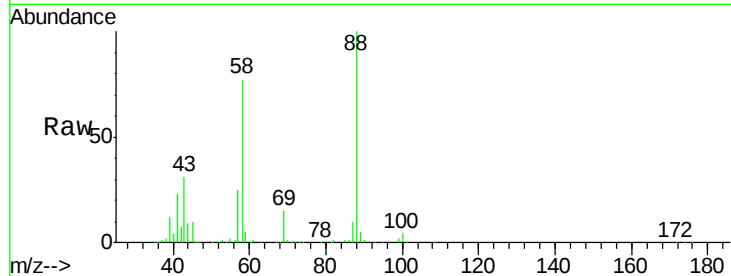
#49
1,4-Dioxane
Concen: 942.976 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.3	43.9
58	79.9	62.6	93.8

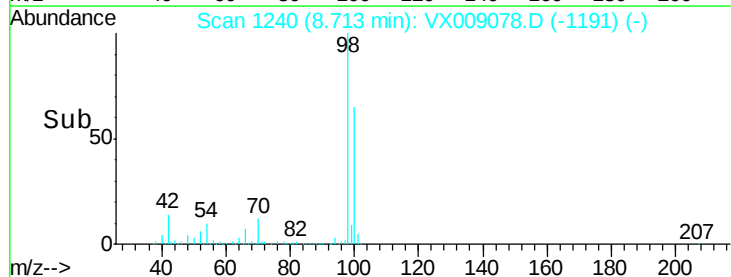
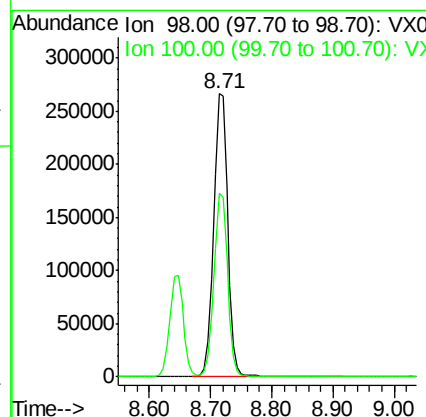
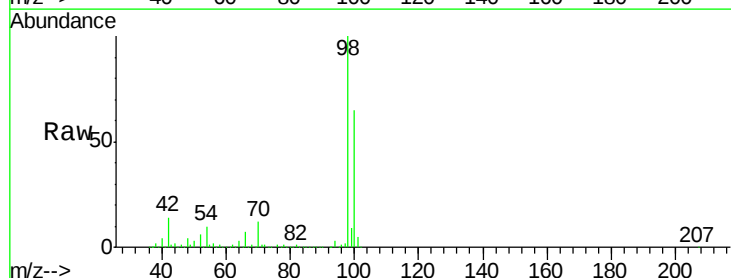
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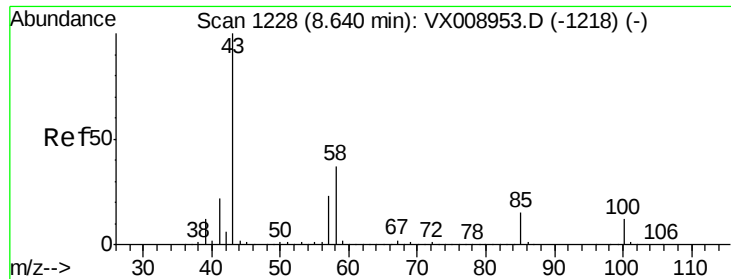
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#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2





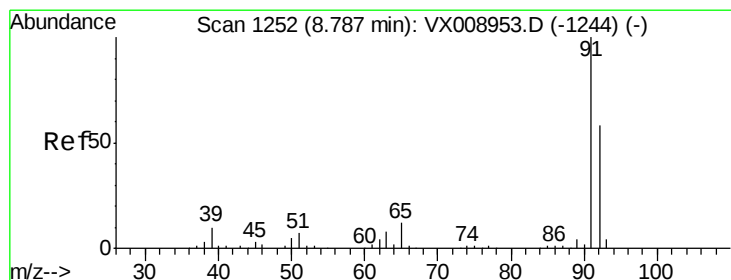
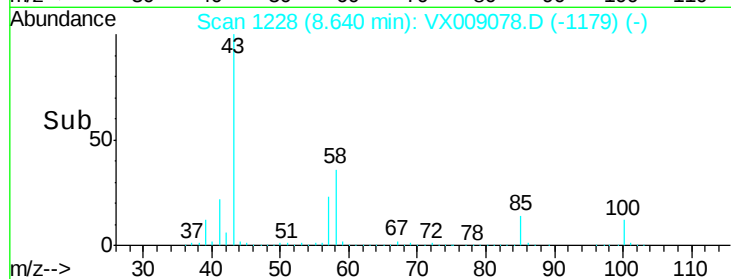
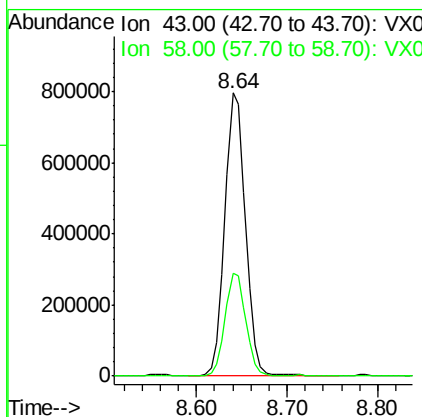
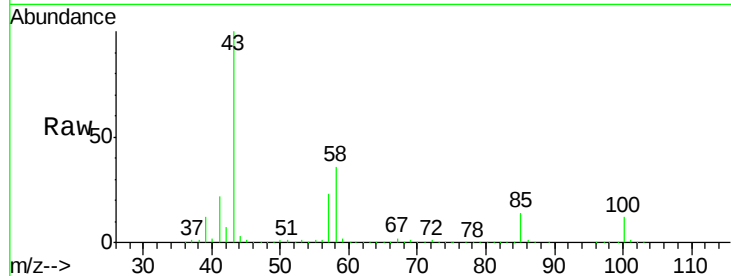
#51
4-Methyl-2-Pentanone
Concen: 277.412 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion: 43 Resp: 1261936
Ion Ratio Lower Upper
43 100
58 36.4 29.8 44.6

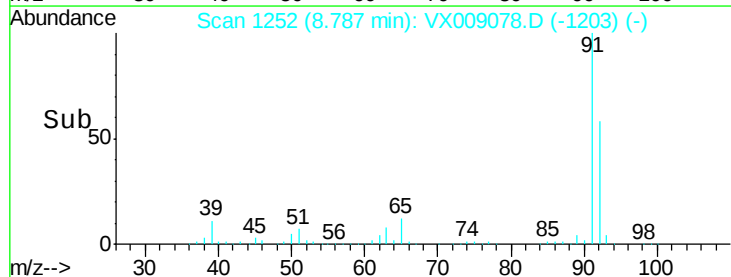
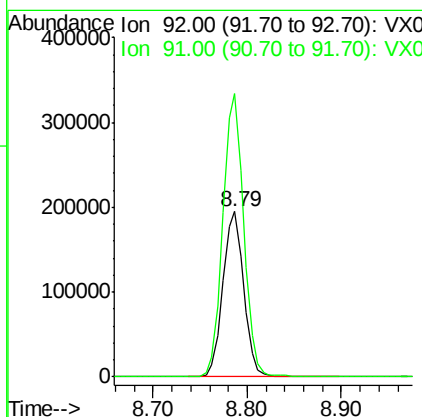
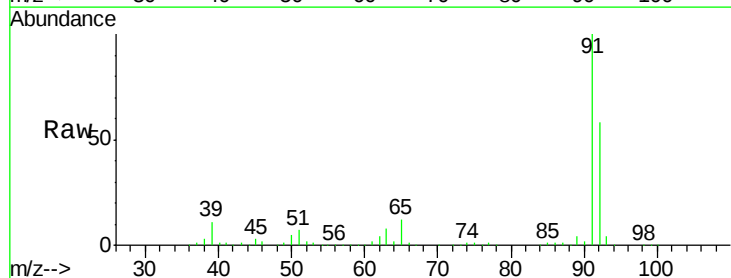
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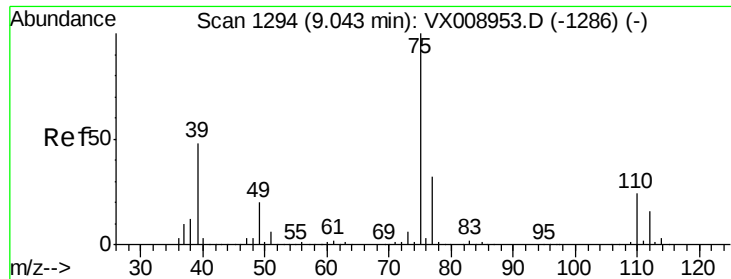
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#52
Toluene
Concen: 49.077 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 92 Resp: 298781
Ion Ratio Lower Upper
92 100
91 172.1 138.5 207.7





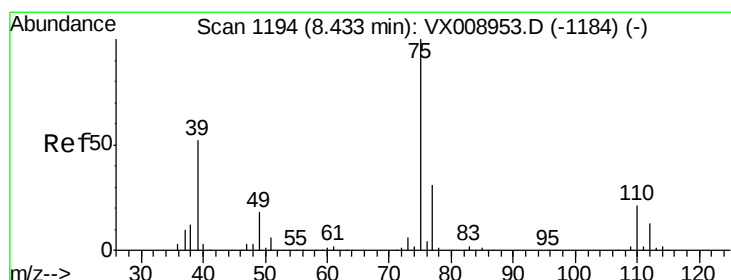
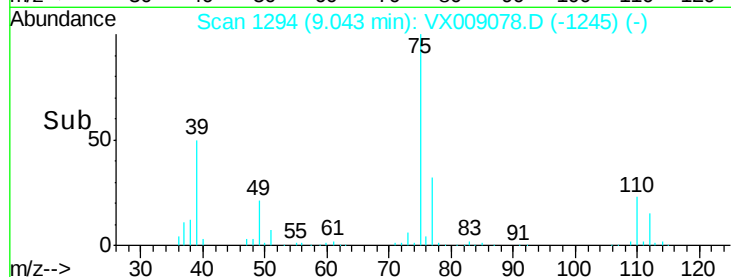
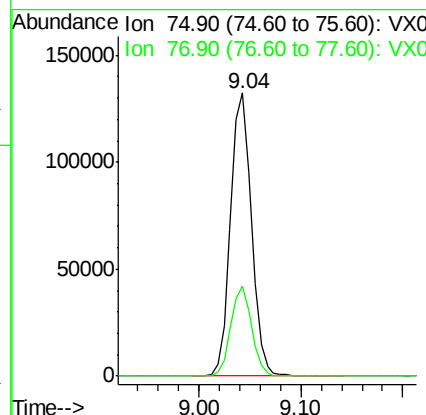
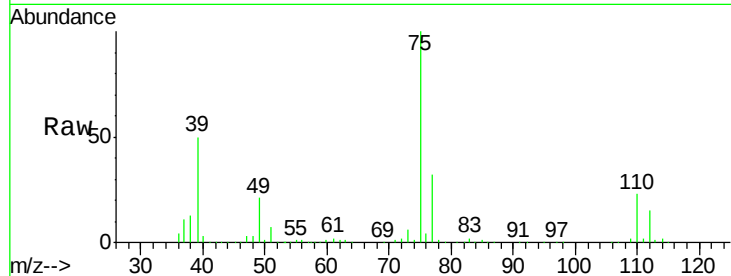
#53
t-1,3-Dichloropropene
Concen: 50.673 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion: 75 Resp: 187598
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

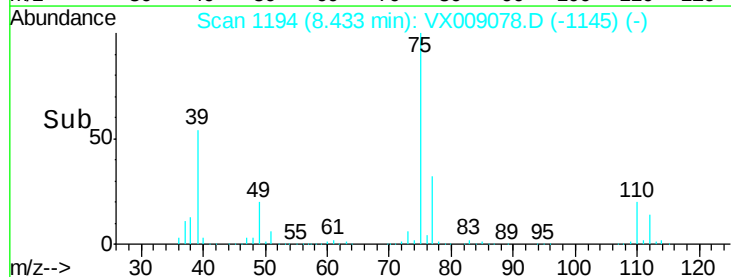
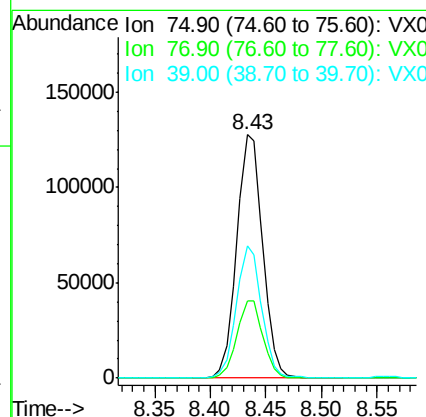
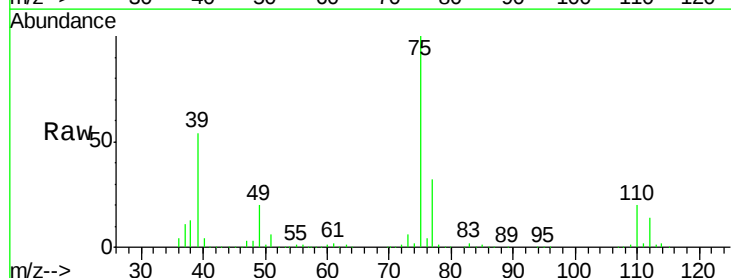
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#54
cis-1,3-Dichloropropene
Concen: 49.727 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion: 75 Resp: 206136
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 54.2 41.8 62.6





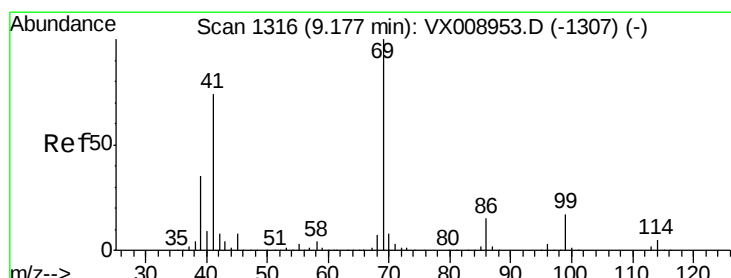
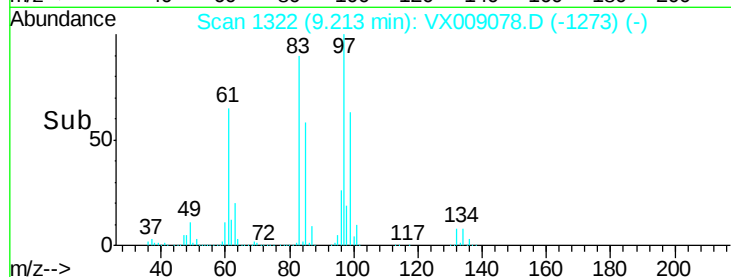
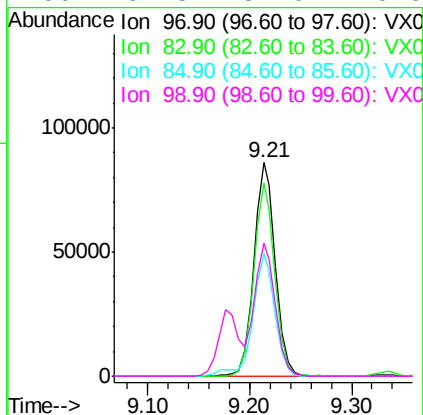
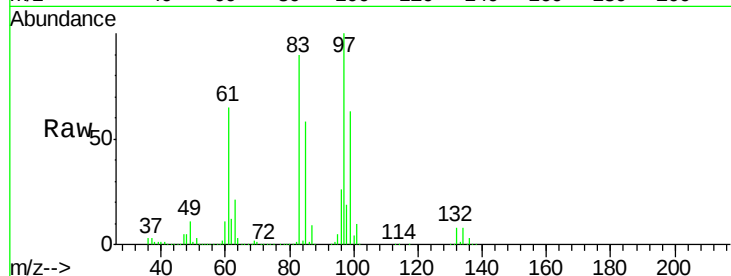
#55
 1,1,2-Trichloroethane
 Concen: 52.206 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampled :
 GMW-7MS

Tot Ion:	97	Resp:	125967
Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.6	108.8
85	57.6	46.9	70.3
99	62.5	51.0	76.6

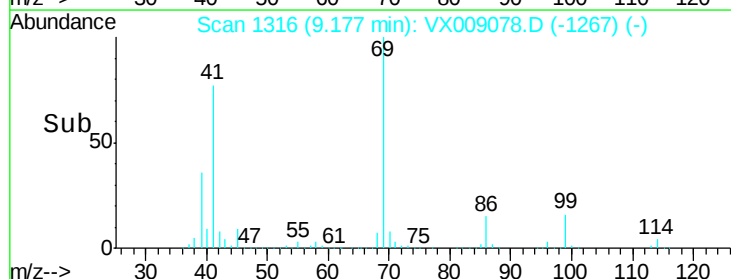
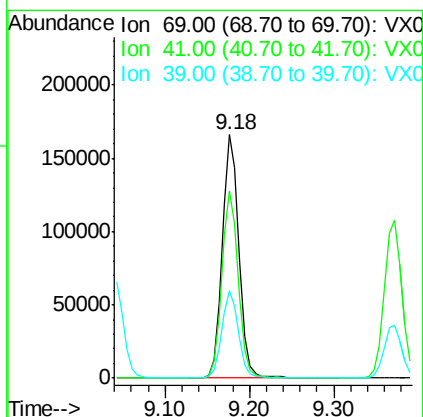
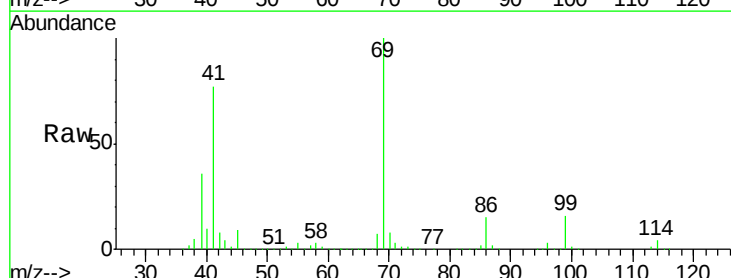
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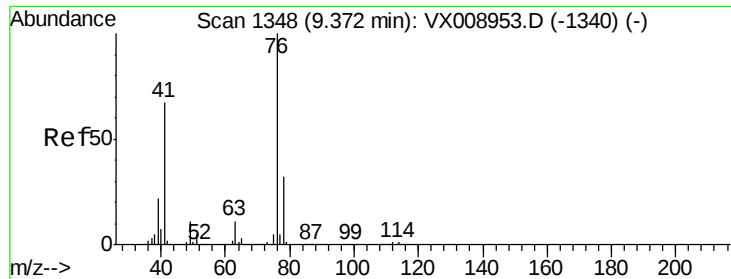
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#56
 Ethyl methacrylate
 Concen: 52.447 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion:	69	Resp:	226912
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.7	27.9	41.9





#57

1,3-Dichloropropane

Concen: 51.963 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 76 Resp: 223237

Ion Ratio Lower Upper

76 100

78 32.4

25.7

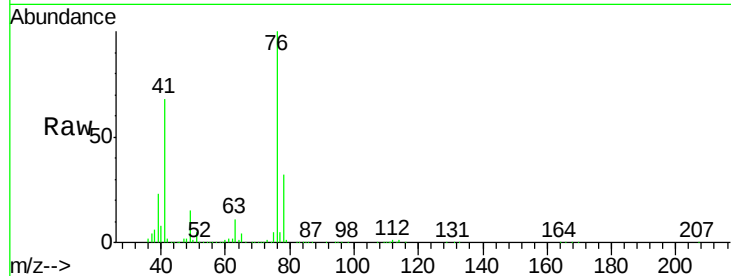
38.5

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

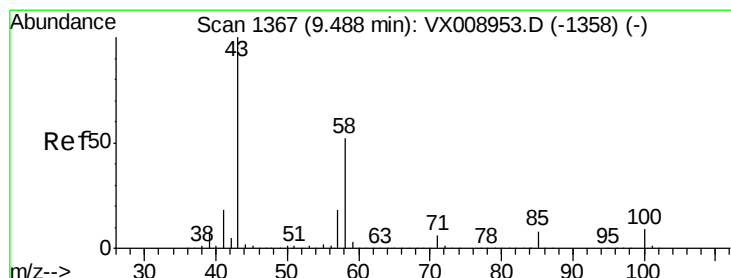
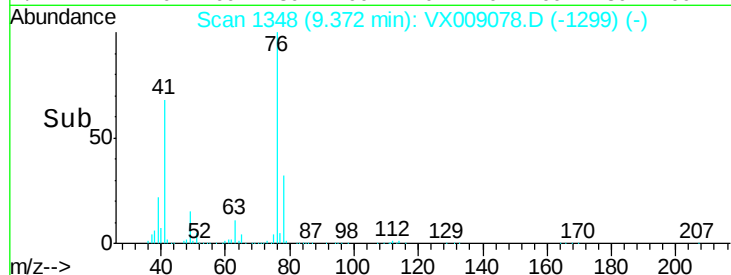
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 273.117 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion: 43 Resp: 957862

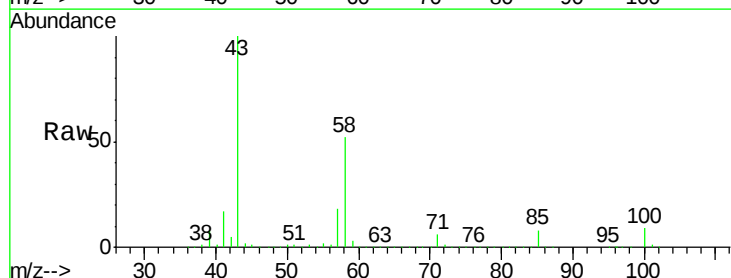
Ion Ratio Lower Upper

43 100

58 51.2

25.9

77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

800000

600000

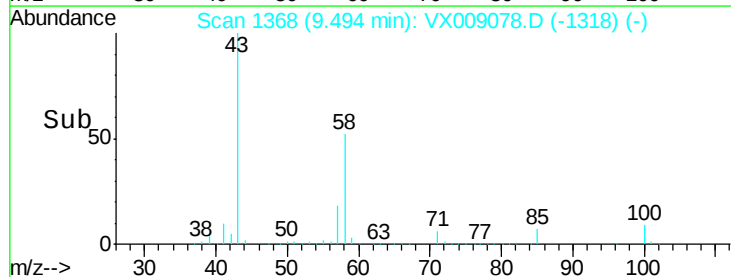
400000

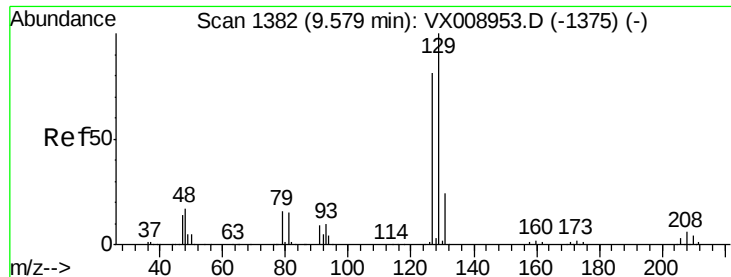
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 52.888 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion:129 Resp: 122305

Ion Ratio Lower Upper

129 100

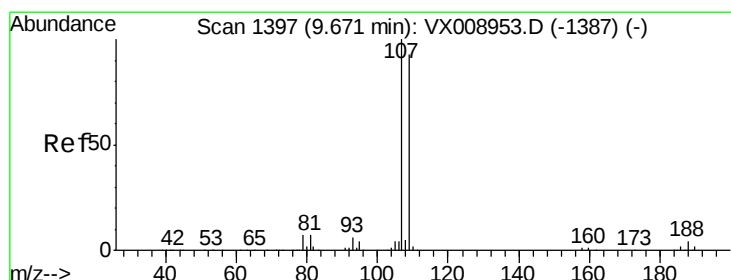
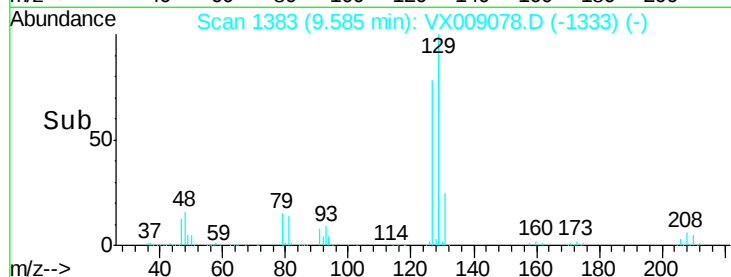
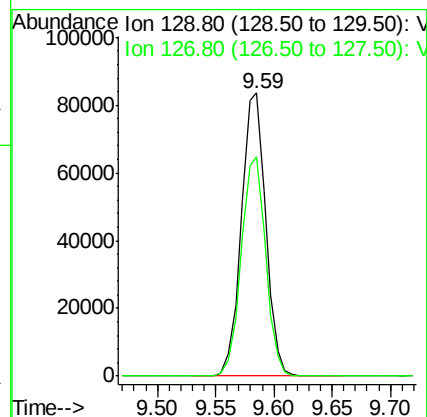
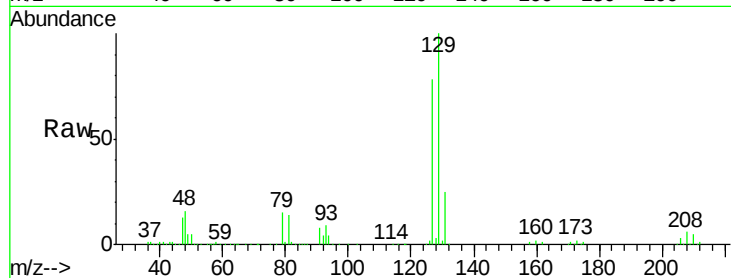
127 77.8 39.1 117.2

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 51.623 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009078.D

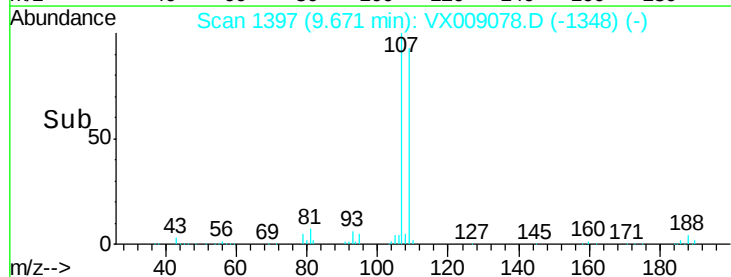
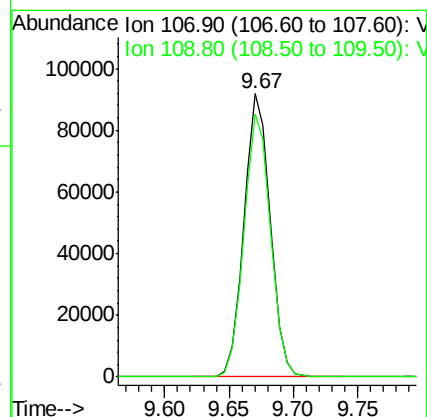
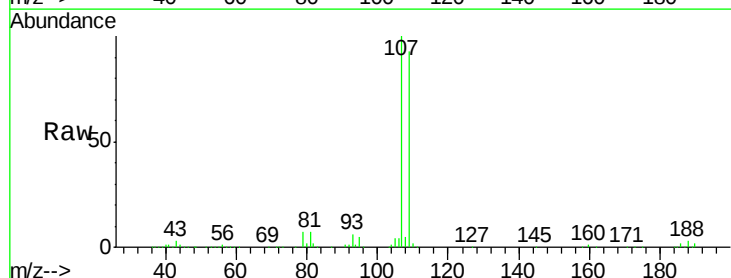
Acq: 19 Apr 2019 18:15

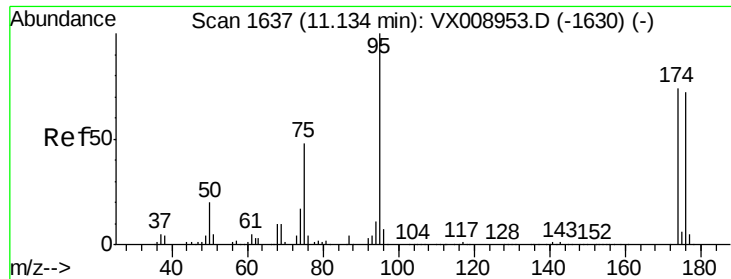
Tgt Ion:107 Resp: 128557

Ion Ratio Lower Upper

107 100

109 94.5 74.4 111.6





#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

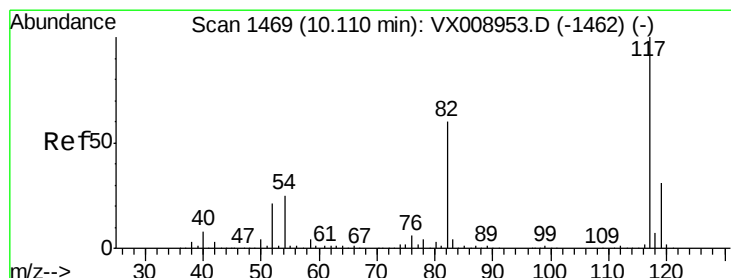
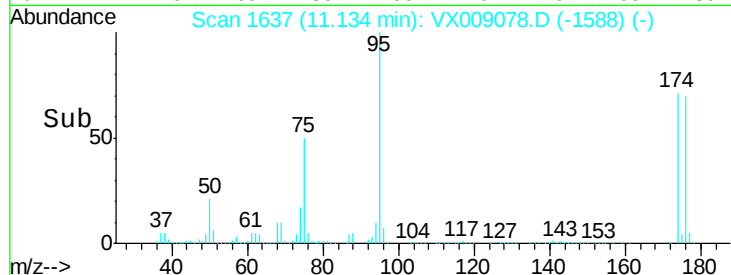
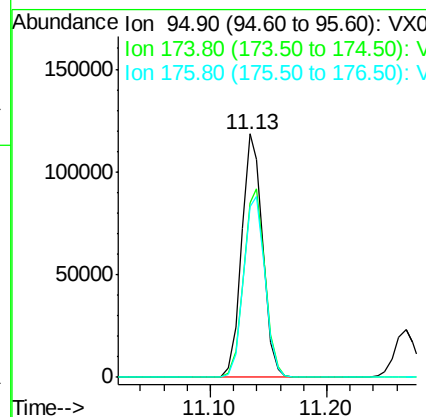
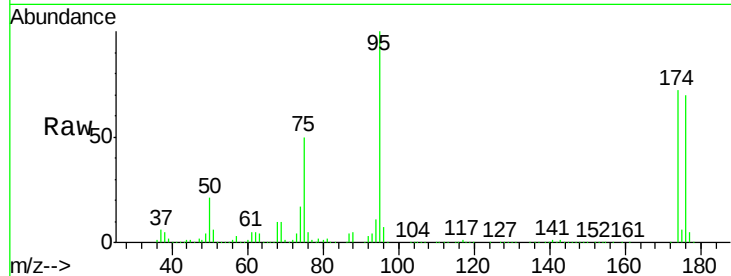
ClientSampleId :

GMW-7MS

Tot Ion:	95	Resp:	148644
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	159.6
176	76.0	0.0	154.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

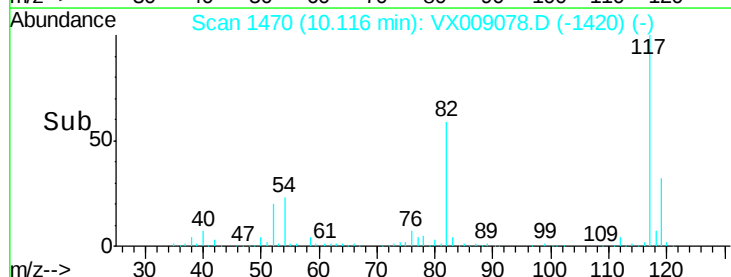
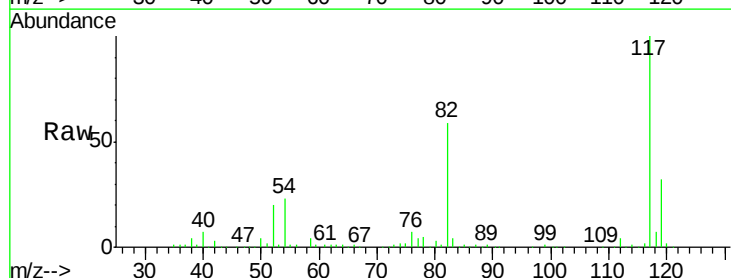
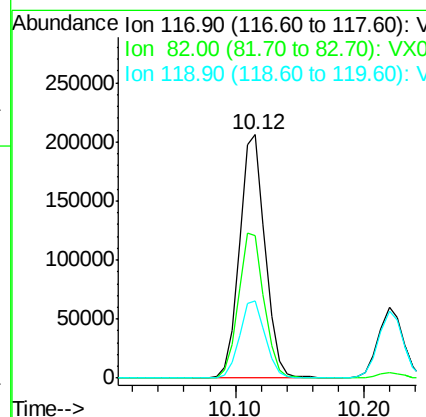
RT: 10.12 min Scan# 1470

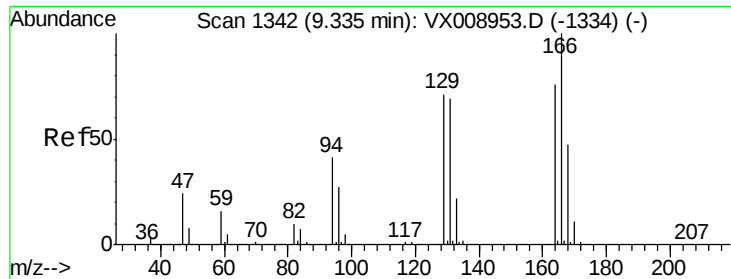
Delta R.T. 0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	117	Resp:	283901
Ion Ratio	Lower	Upper	
117	100		
82	58.6	48.2	72.4
119	31.6	25.0	37.6





#64

Tetrachloroethene

Concen: 45.840 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion:164 Resp: 98864

Ion Ratio Lower Upper

164 100

166 131.0 105.0 157.4

129 94.8 74.2 111.4

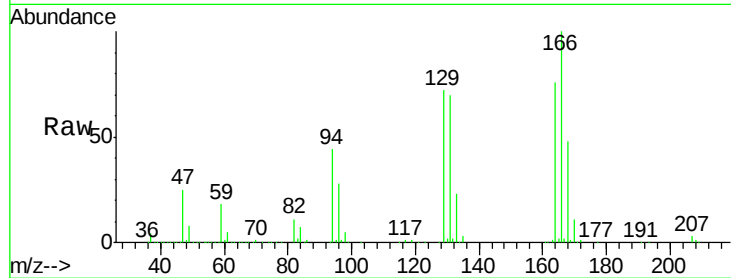
131 91.4 72.2 108.2

Manual Integrations

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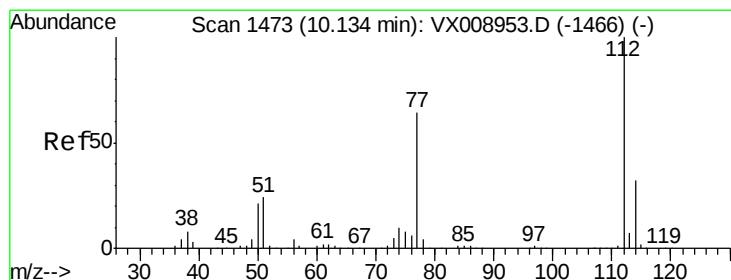
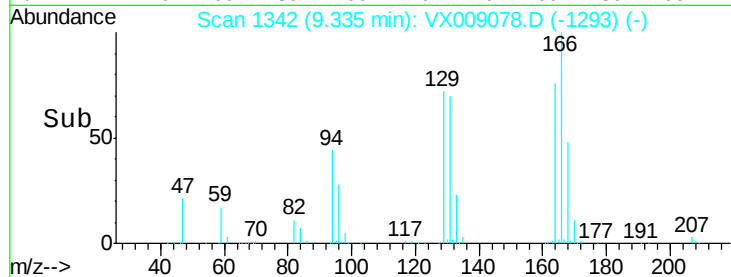
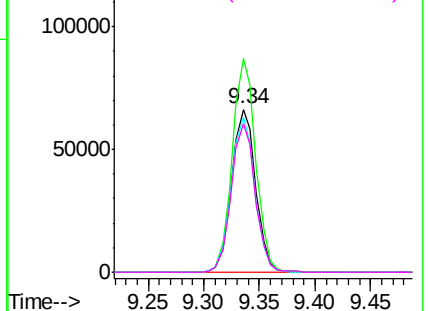


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.644 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009078.D

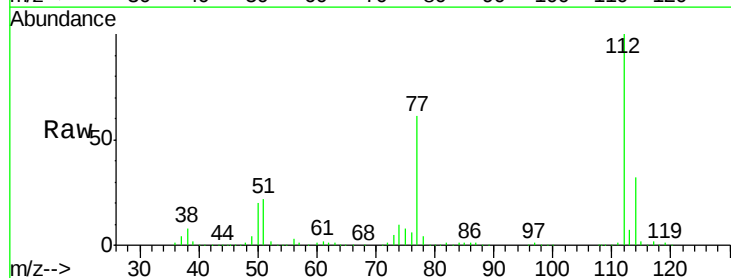
Acq: 19 Apr 2019 18:15

Tgt Ion:112 Resp: 297486

Ion Ratio Lower Upper

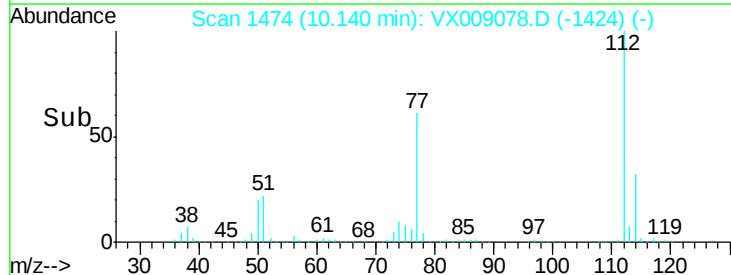
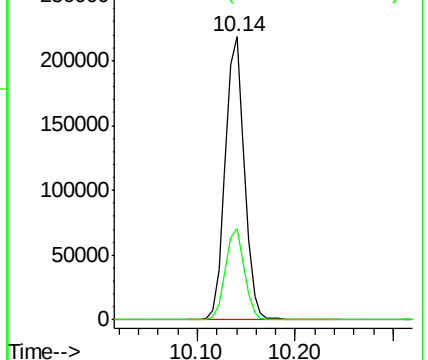
112 100

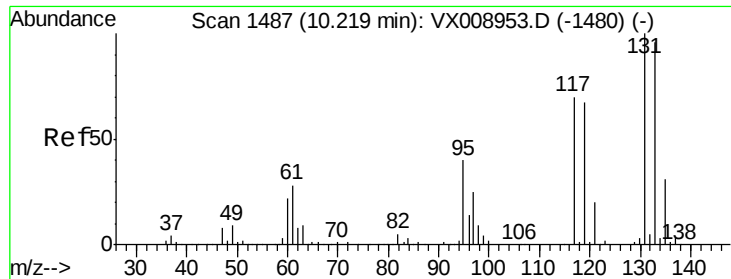
114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.847 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

GMW-7MS

Tot Ion:131 Resp: 113673

Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

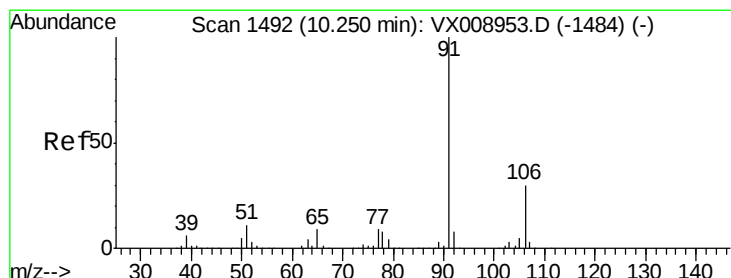
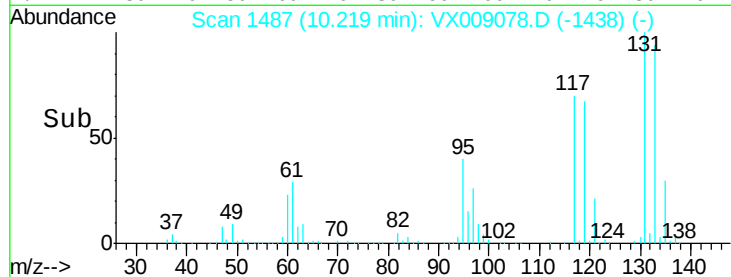
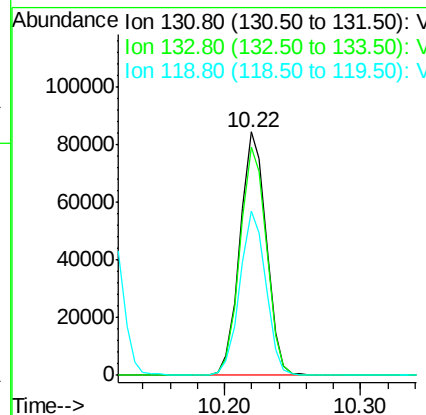
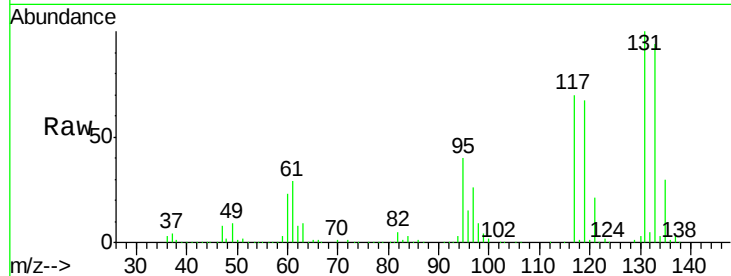
119 66.7 33.7 101.1

Manual Integrations

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#67

Ethyl Benzene

Concen: 50.693 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009078.D

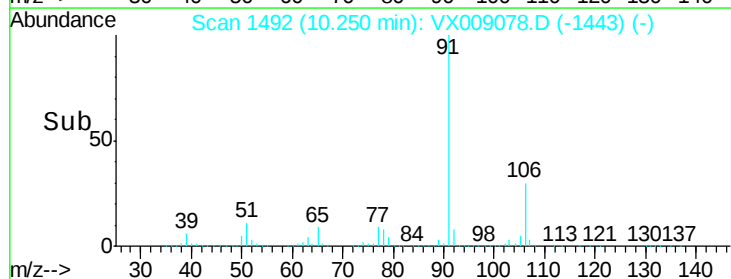
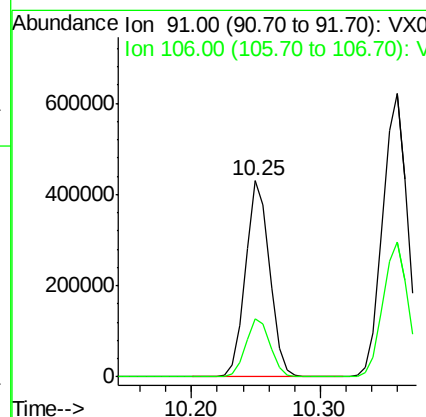
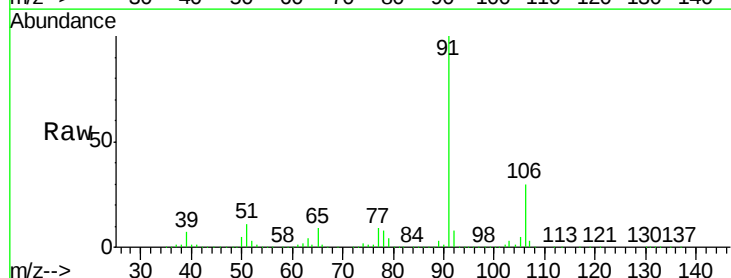
Acq: 19 Apr 2019 18:15

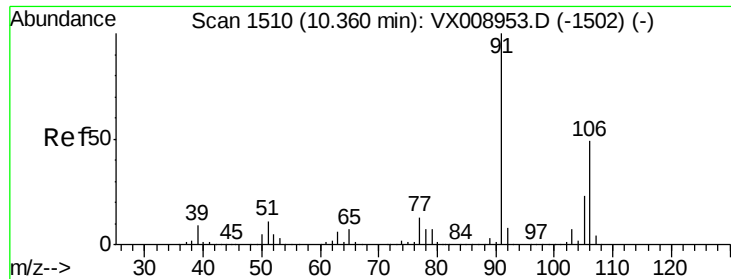
Tgt Ion: 91 Resp: 555311

Ion Ratio Lower Upper

91 100

106 29.7 24.3 36.5





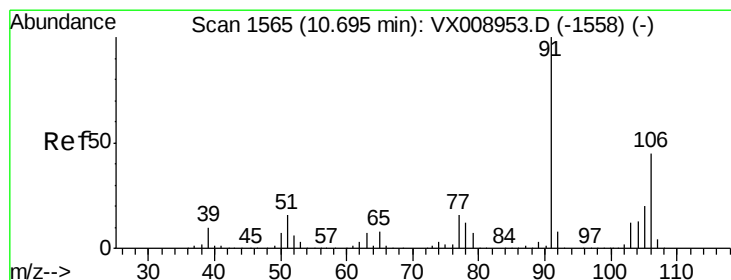
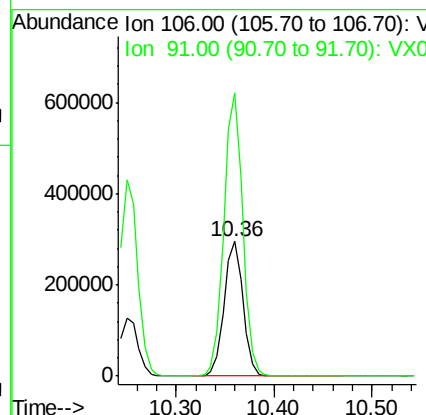
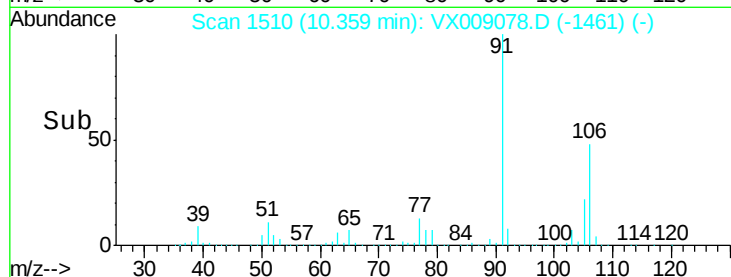
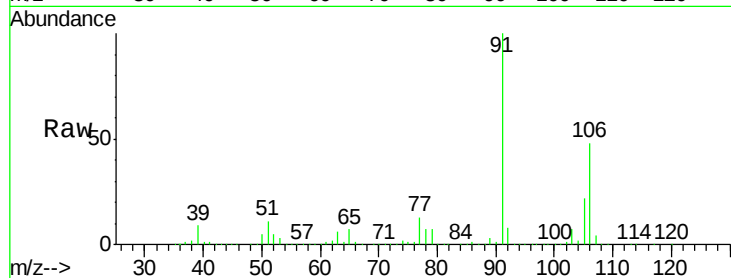
#68
m/p-Xvlenes
Concen: 99.380 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion:106 Resp: 395638
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.2

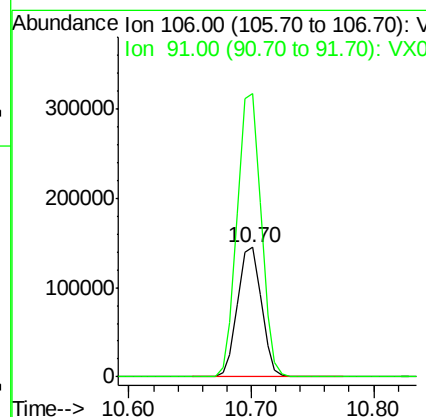
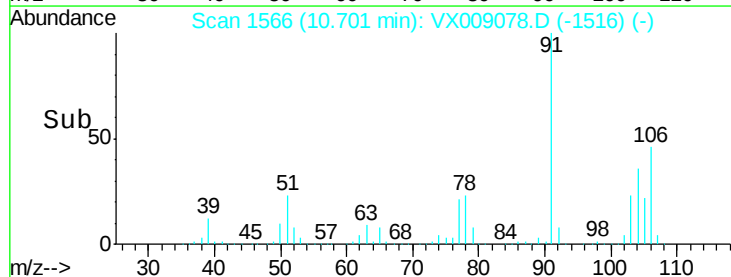
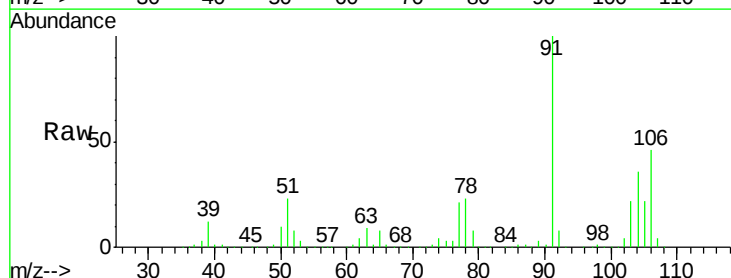
Manual Integrations
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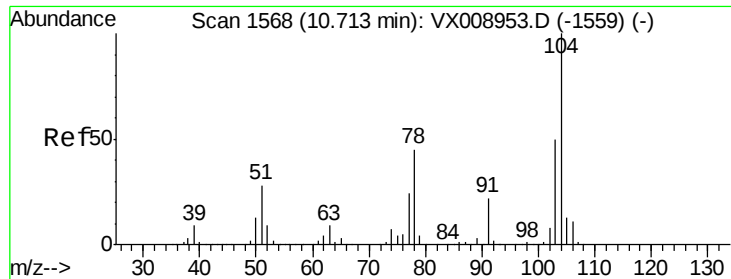
MMDadoda
4/22/2019 10:51:07 AM



#69
o-Xylene
Concen: 50.335 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion:106 Resp: 194979
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7





#70

Stvrene

Concen: 49.450 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

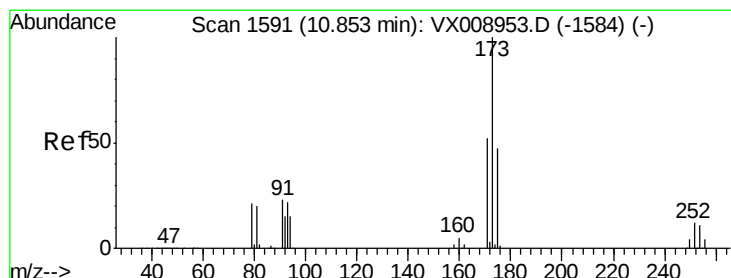
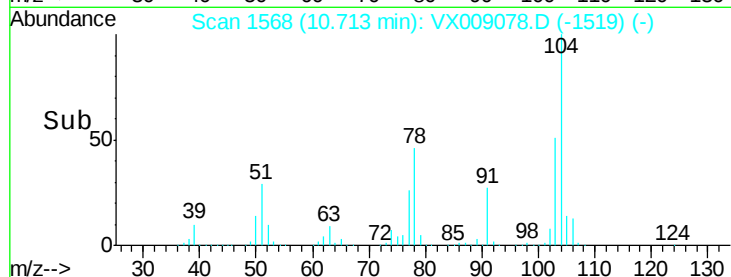
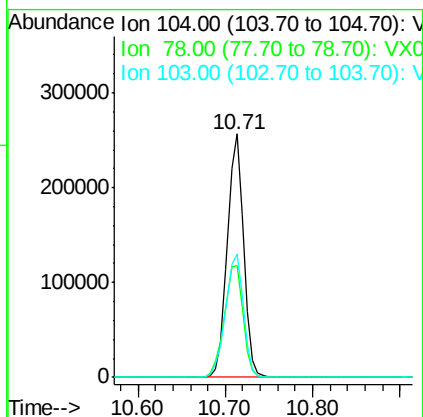
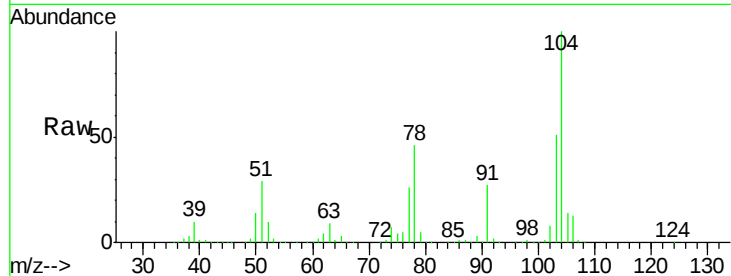
ClientSampleId :

GMW-7MS

Tot Ion:	104	Resp:	331944
Ion Ratio	Lower	Upper	
104	100		
78	52.8	41.2	61.8
103	55.7	43.9	65.9

Manual Integrations
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#71

Bromoform

Concen: 53.404 ug/l

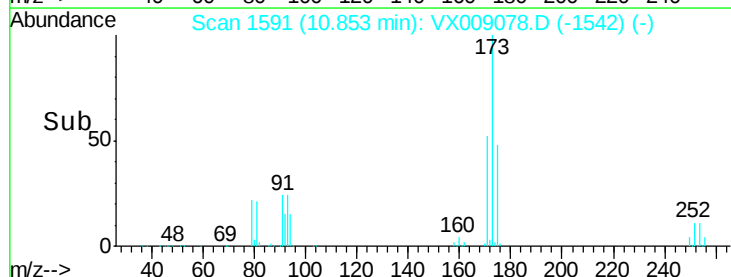
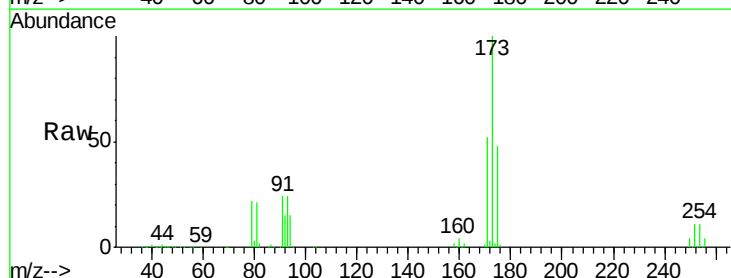
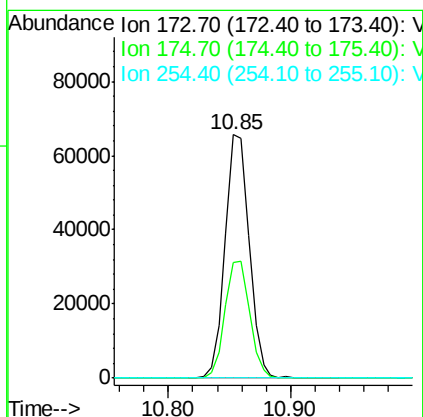
RT: 10.85 min Scan# 1591

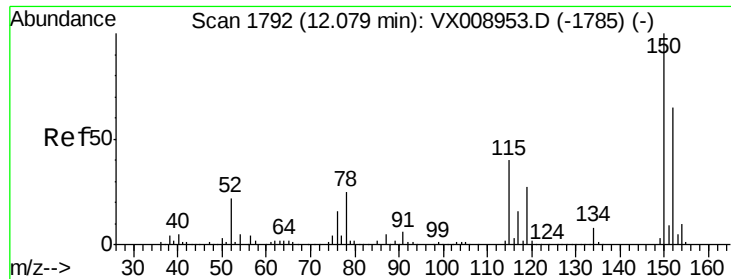
Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	173	Resp:	89817
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.9	71.8
254	0.2	0.2	0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion:152 Resp: 128884

Ion Ratio Lower Upper

152 100

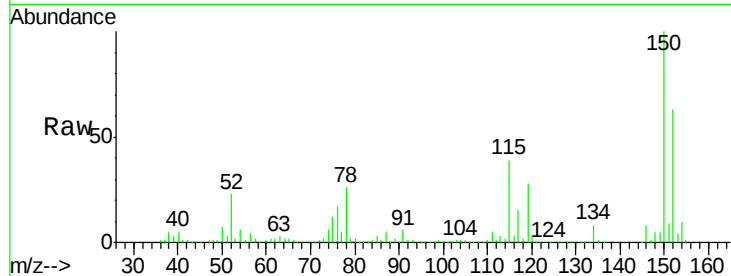
115 84.9 41.4 124.2

150 173.1 0.0 349.8

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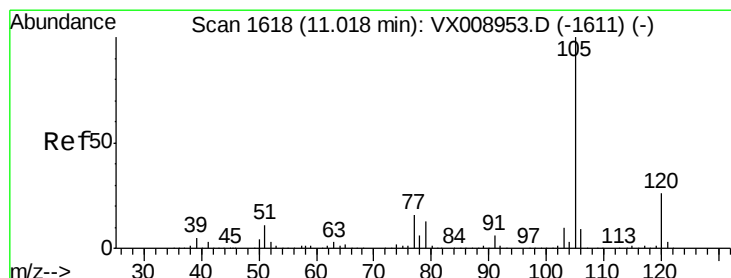
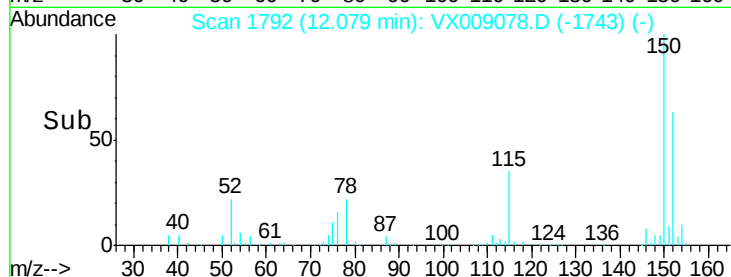
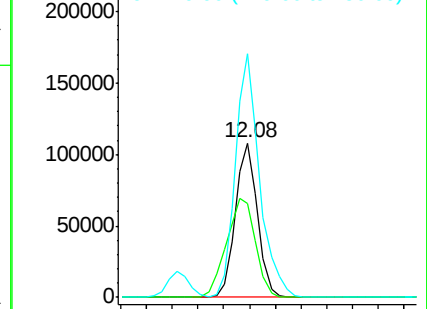
4/22/2019 10:51:07 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.274 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009078.D

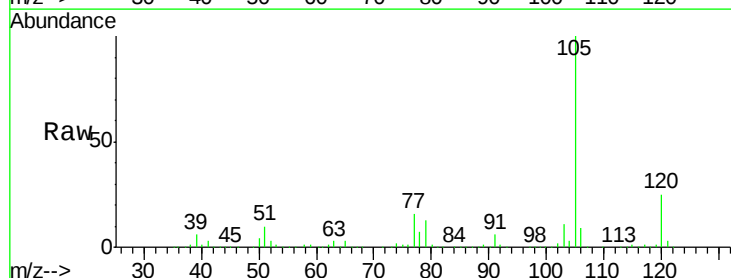
Acq: 19 Apr 2019 18:15

Tgt Ion:105 Resp: 520449

Ion Ratio Lower Upper

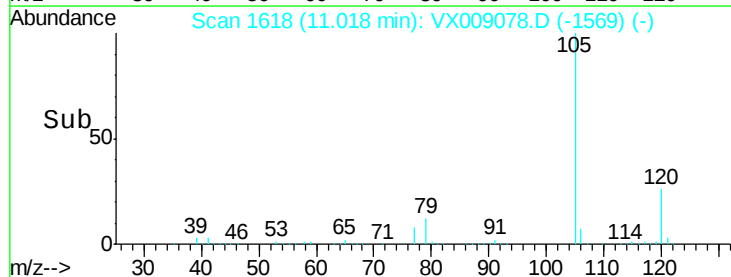
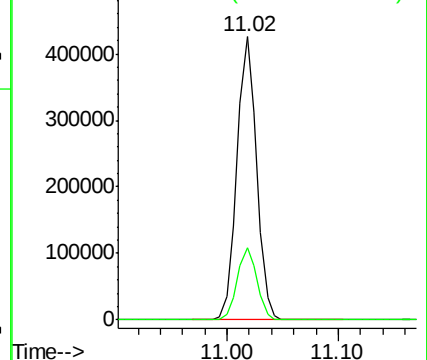
105 100

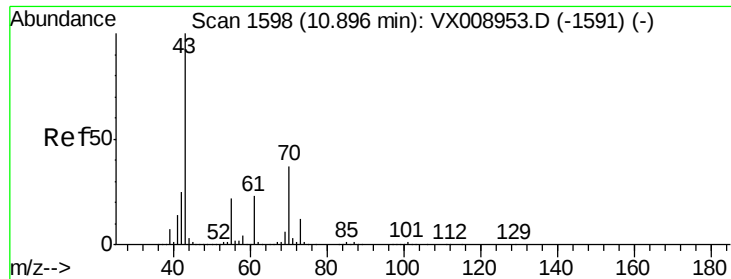
120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.468 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

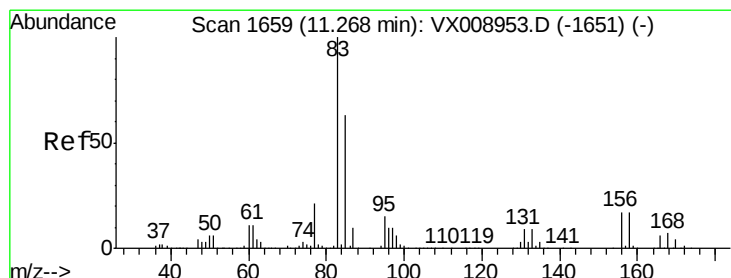
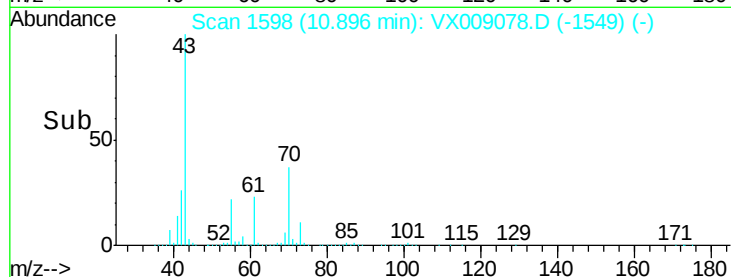
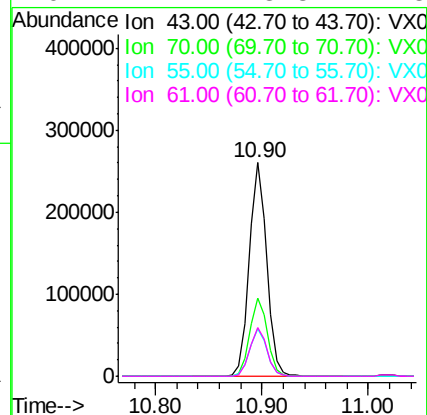
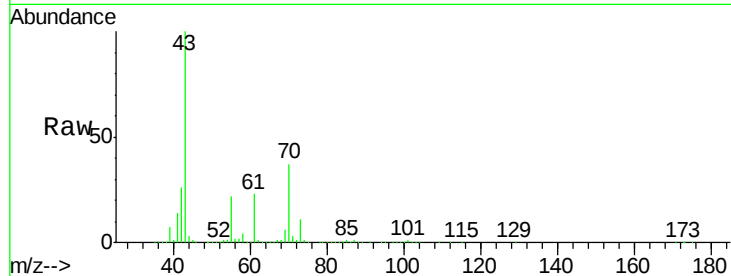
ClientSampleId :

GMW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		299915		
70	37.0	29.9	44.9		
55	22.5	17.8	26.8		
61	22.4	18.3	27.5		

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.266 ug/l

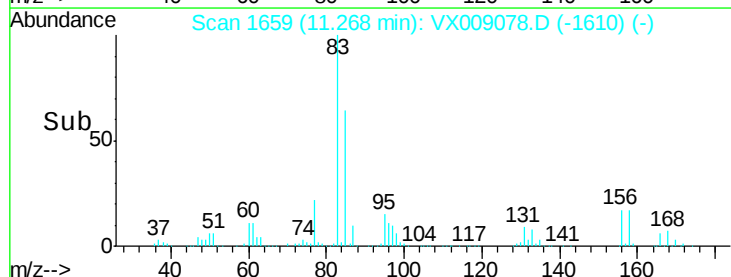
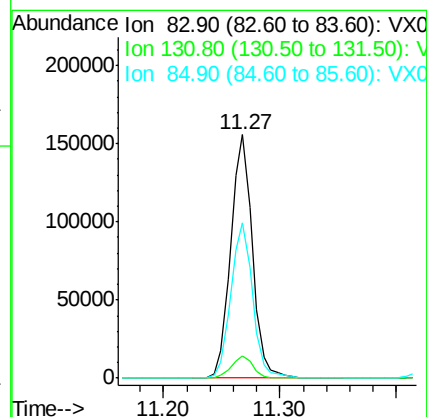
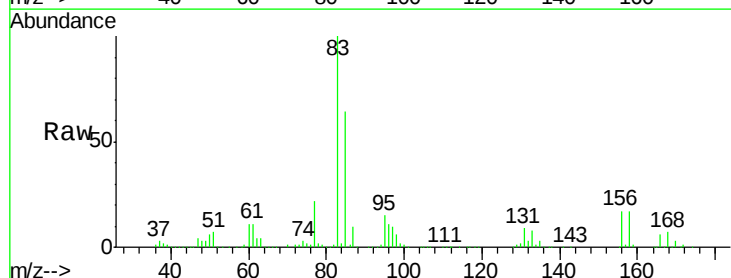
RT: 11.27 min Scan# 1659

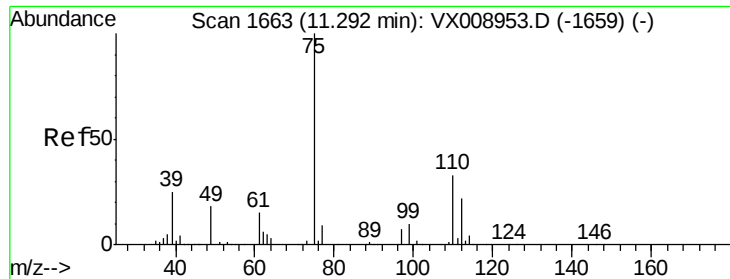
Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		200839		
131	9.2	4.7	14.0		
85	64.1	31.9	95.9		





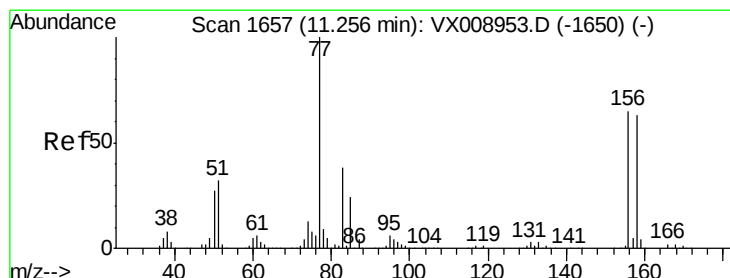
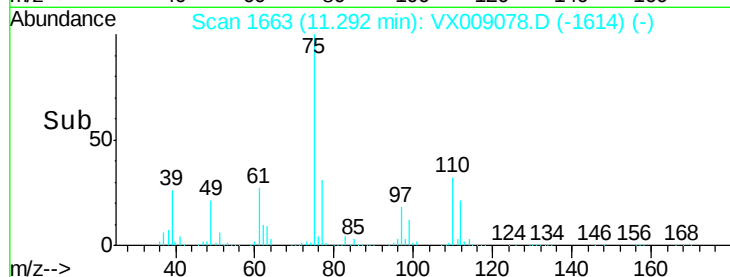
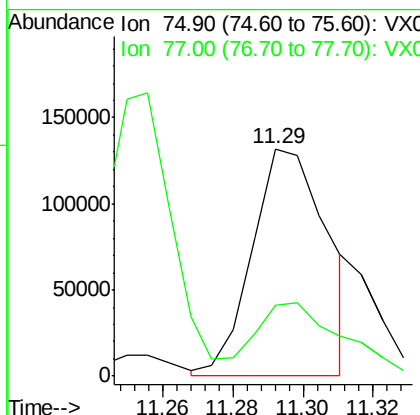
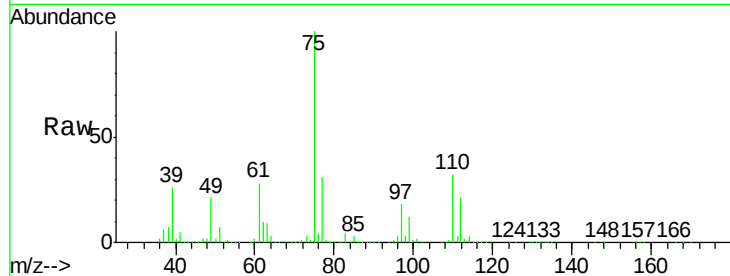
#76
 1,2,3-Trichloropropane
 Concen: 62.478 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion: 75 Resp: 196624
 Ion Ratio Lower Upper
 75 100
 77 38.2 22.7 68.0

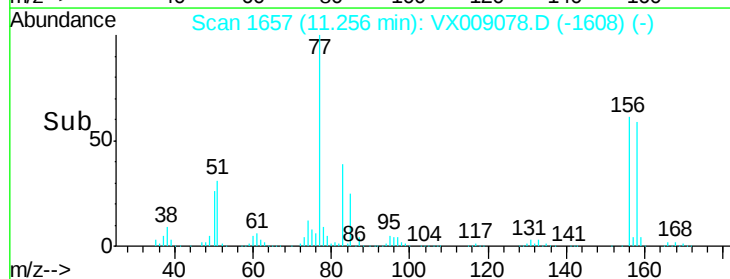
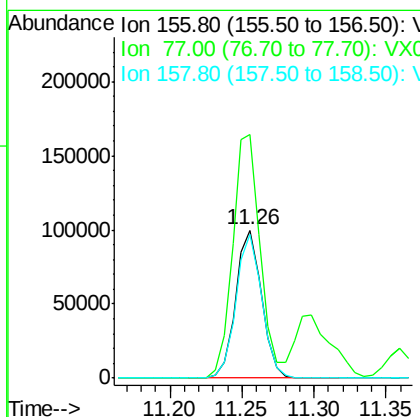
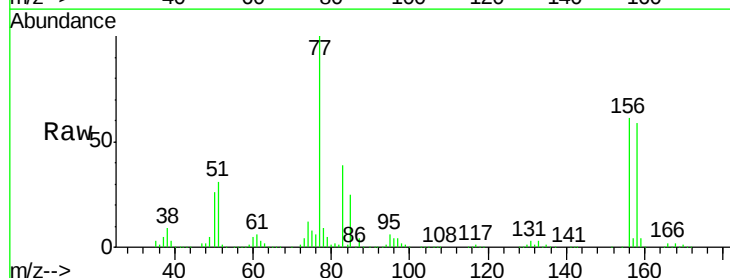
Manual Integrations
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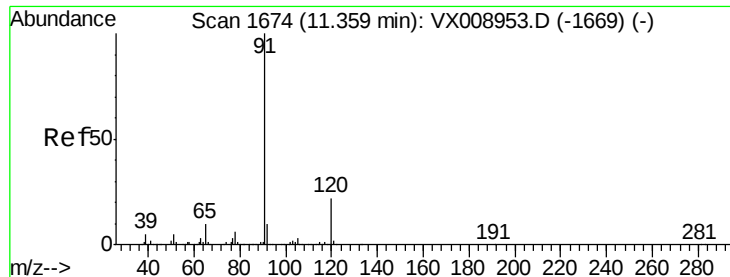
MMDadoda
 4/22/2019 10:51:07 AM



#77
 Bromobenzene
 Concen: 50.823 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 156 Resp: 125272
 Ion Ratio Lower Upper
 156 100
 77 173.4 85.4 256.1
 158 96.6 48.8 146.4





#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MS

Tot Ion: 91 Resp: 589544

Ion Ratio Lower Upper

91 100

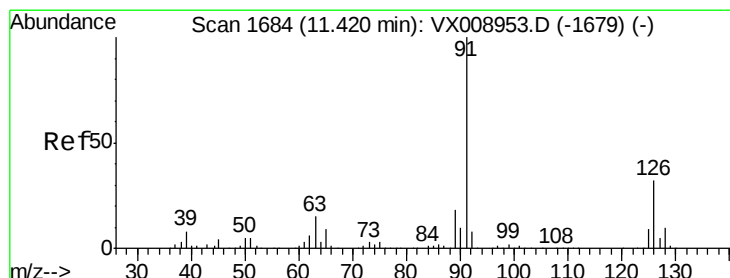
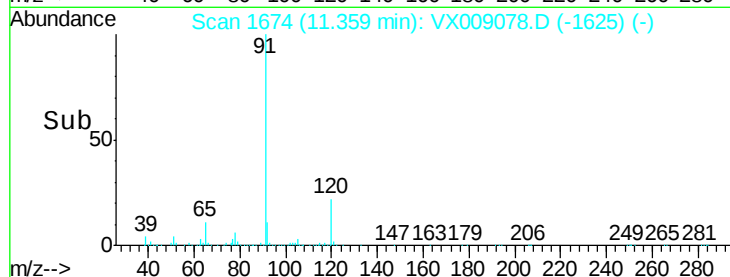
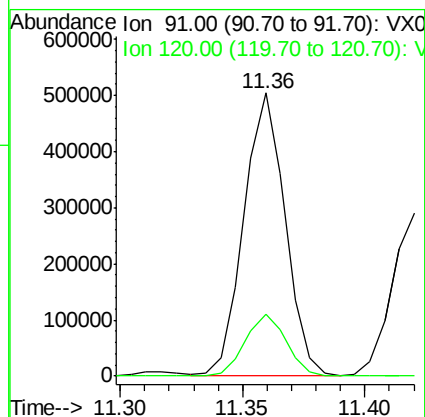
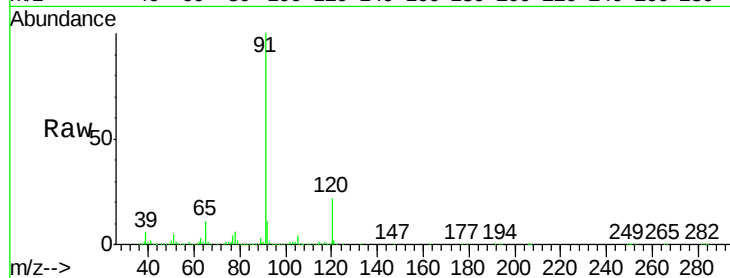
120 22.0 10.9 32.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 51.637 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009078.D

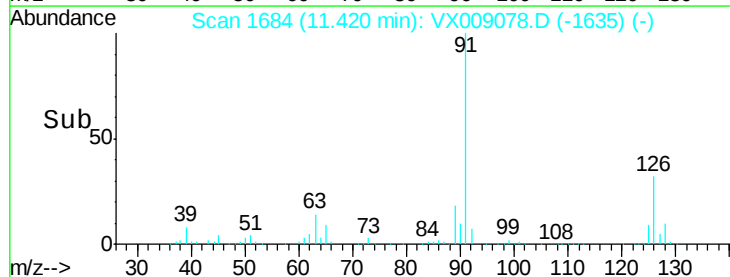
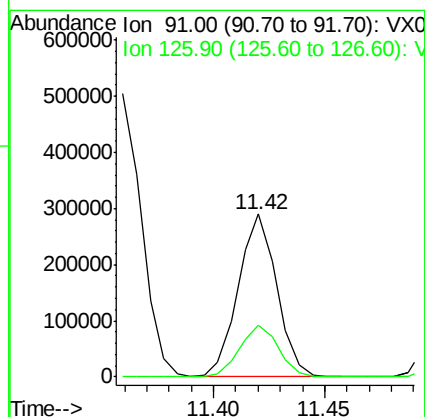
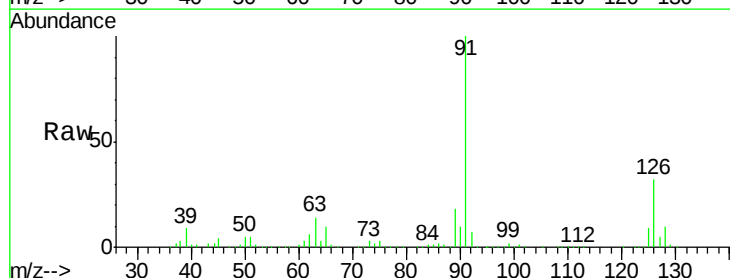
Acq: 19 Apr 2019 18:15

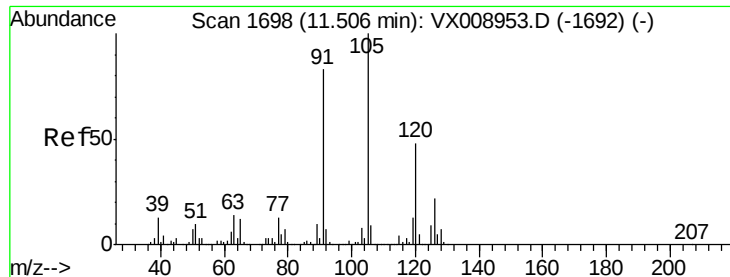
Tgt Ion: 91 Resp: 348906

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9





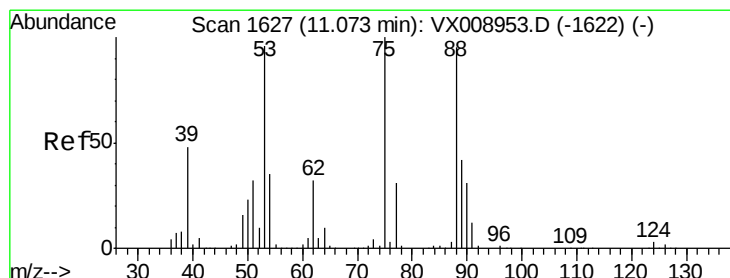
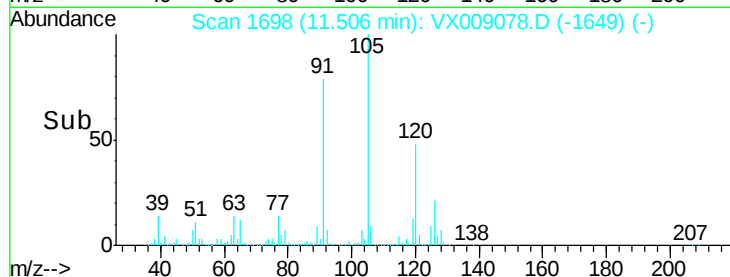
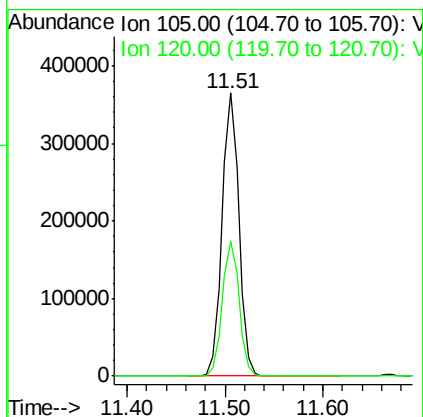
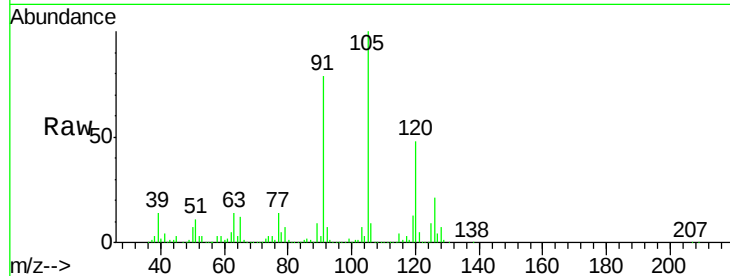
#80
 1,3,5-Trimethylbenzene
 Concen: 52.923 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion:105 Resp: 433858
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3

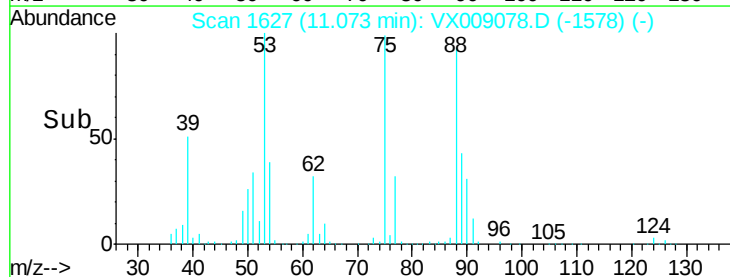
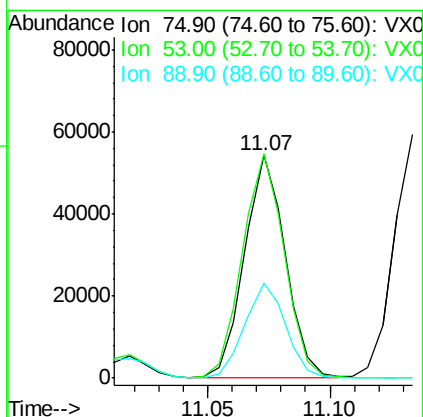
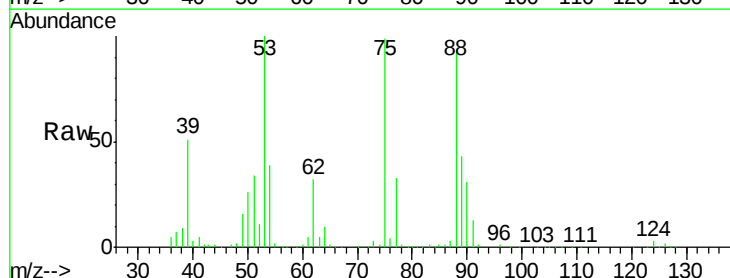
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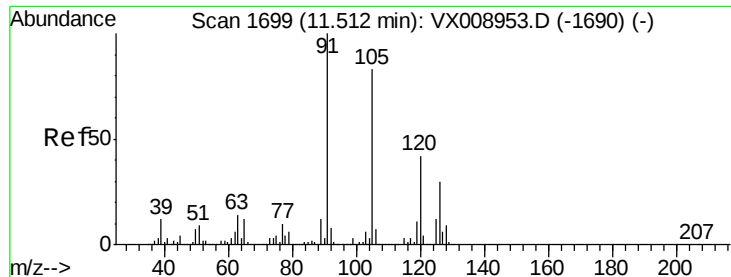
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.412 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion: 75 Resp: 63023
 Ion Ratio Lower Upper
 75 100
 53 102.9 78.2 117.4
 89 43.4 36.0 54.0





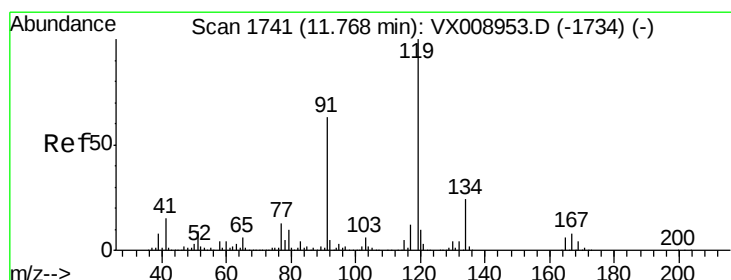
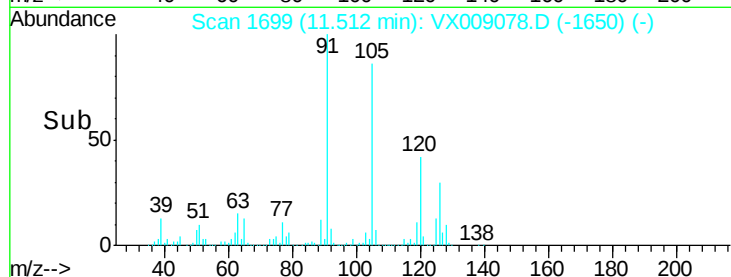
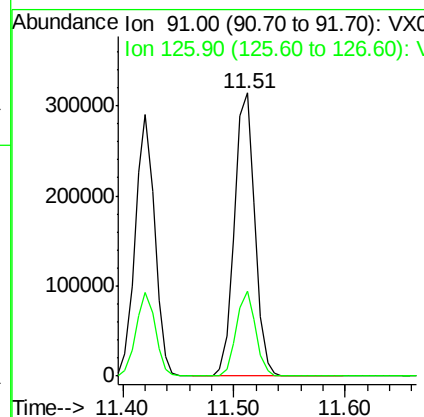
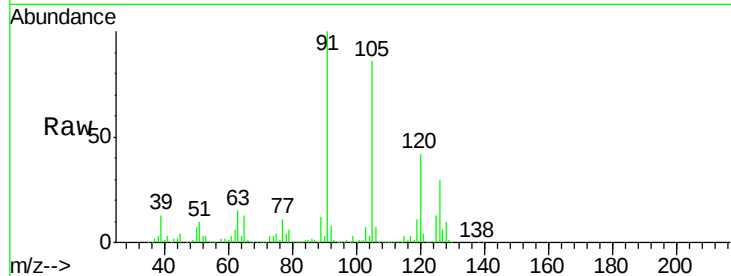
#82
4-Chlorotoluene
Concen: 50.649 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	397457		
126	28.5	14.3	42.9	

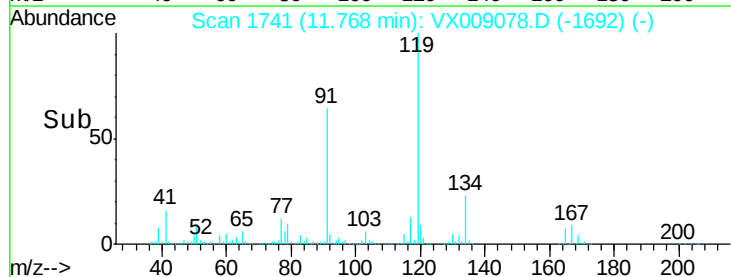
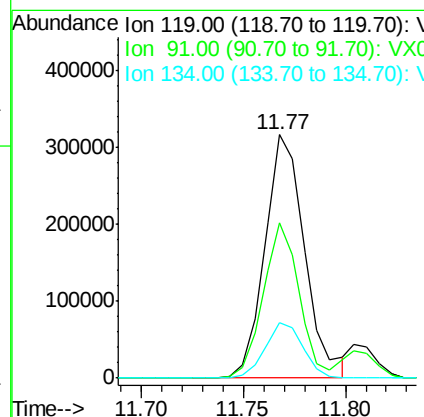
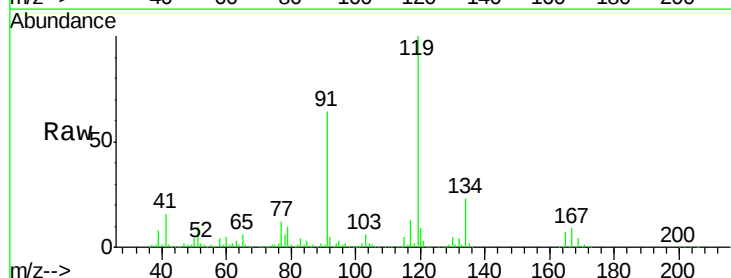
Manual Integrations
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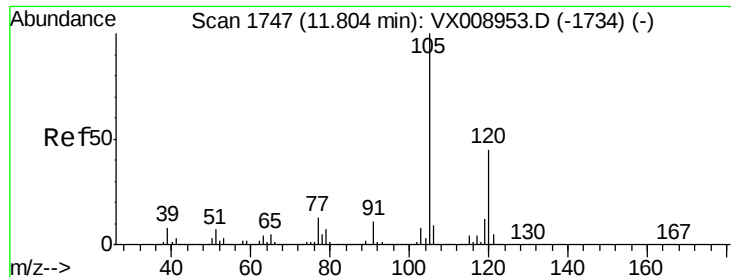
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#83
tert-Butylbenzene
Concen: 54.633 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	430005		
91	57.6	29.7	89.1	
134	21.6	11.2	33.5	





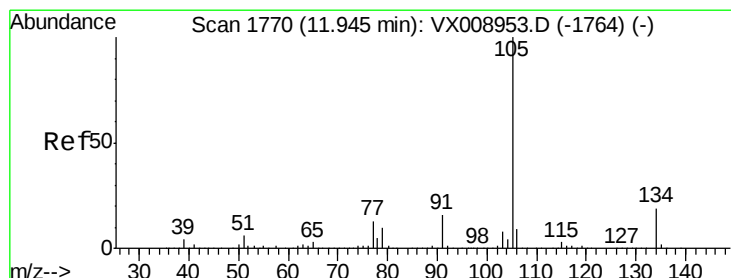
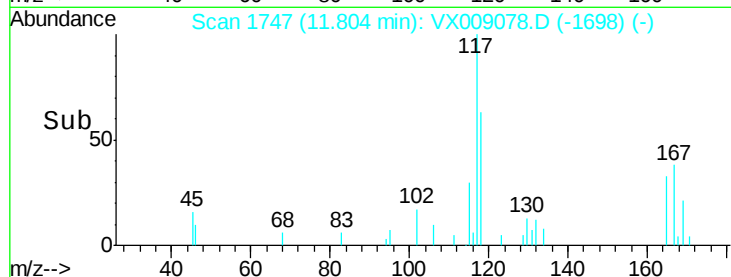
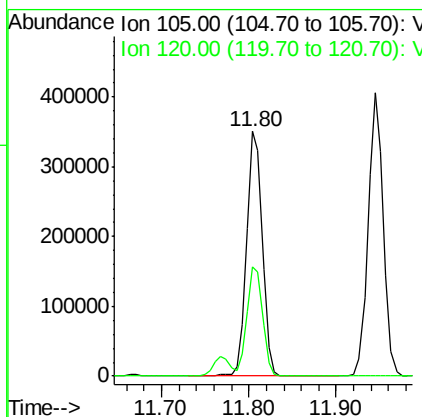
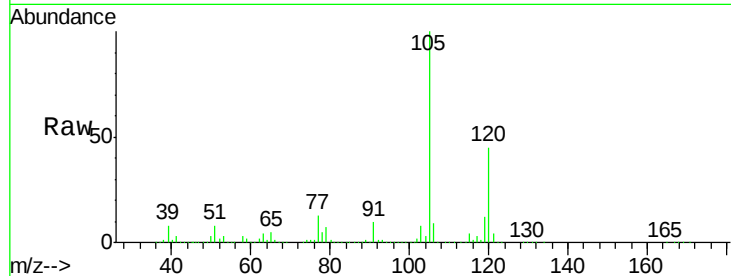
#84
 1,2,4-Trimethylbenzene
 Concen: 51.894 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.8

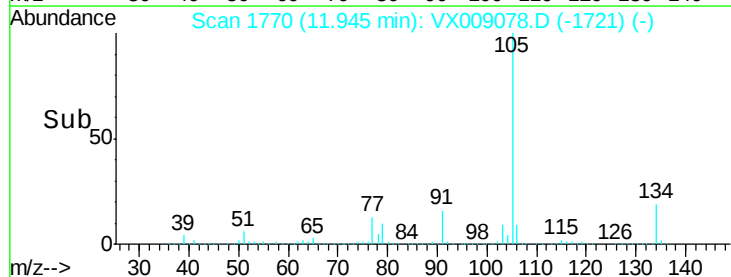
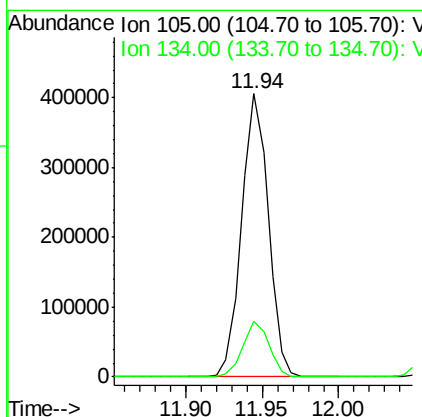
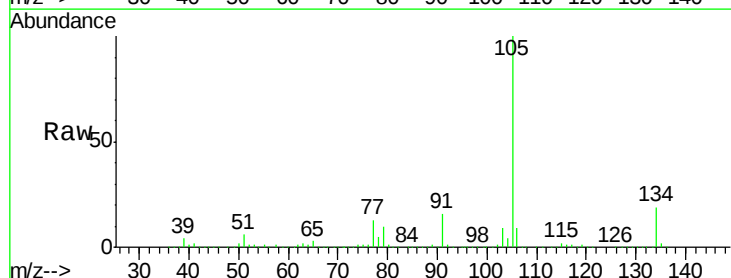
Manual Integrations
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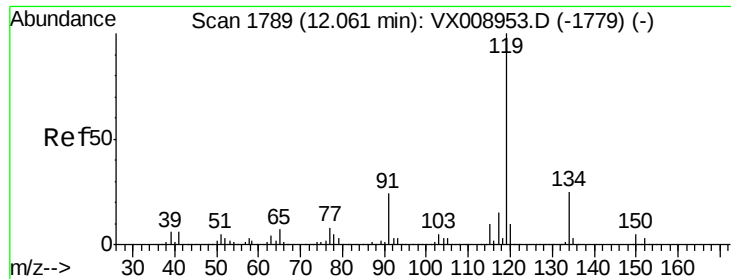
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#85
 sec-Butylbenzene
 Concen: 52.285 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.6	28.6





#86

p-Isopropyltoluene

Concen: 51.417 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

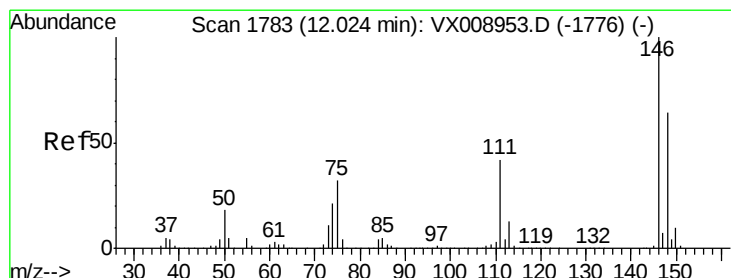
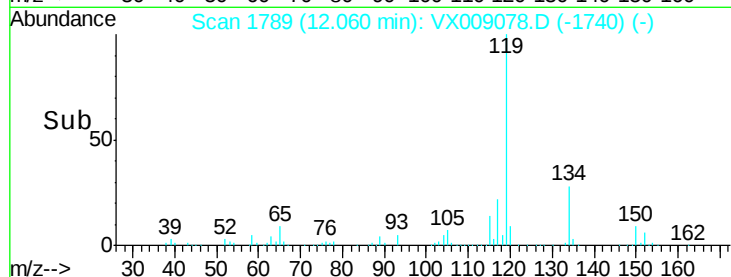
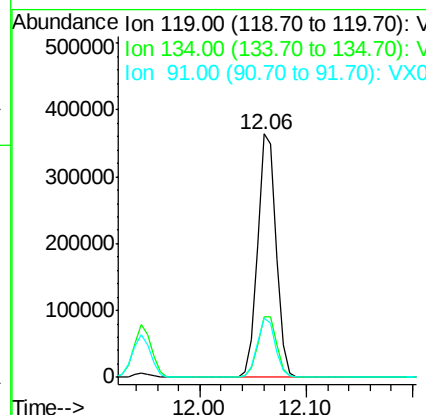
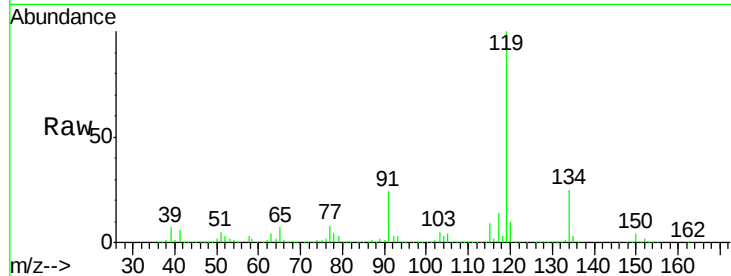
ClientSampled :

GMW-7MS

Tot Ion:	119	Resp:	443754
Ion Ratio	Lower	Upper	
119	100		
134	25.6	12.9	38.6
91	23.9	11.9	35.5

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 49.019 ug/l

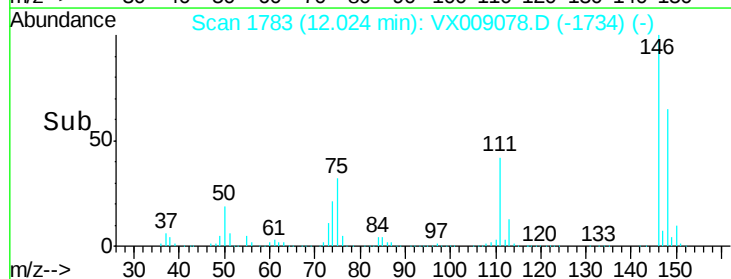
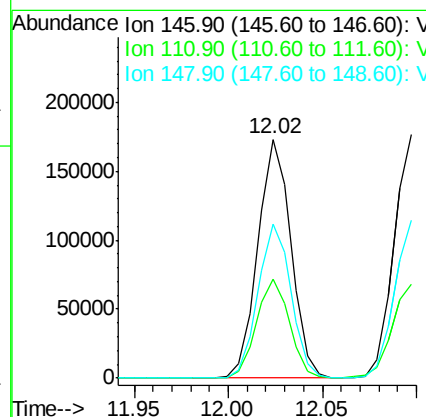
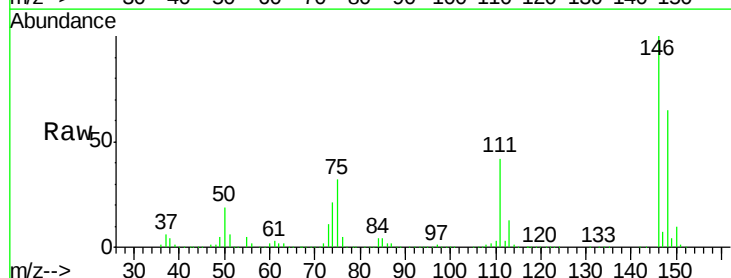
RT: 12.02 min Scan# 1783

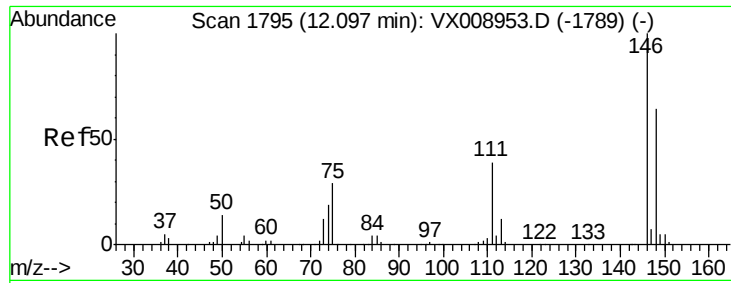
Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	146	Resp:	211472
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	64.0	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 48.424 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

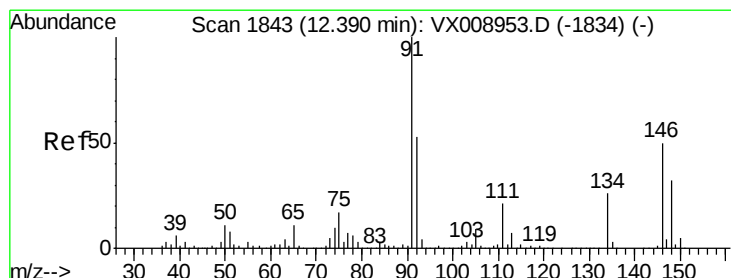
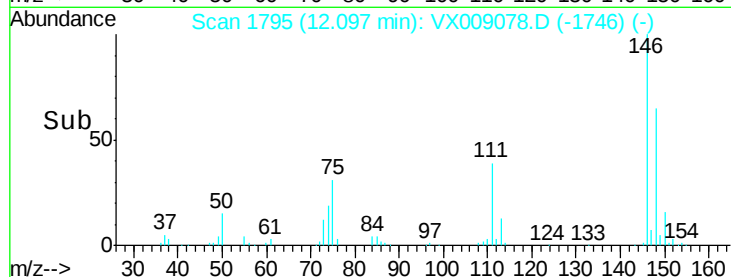
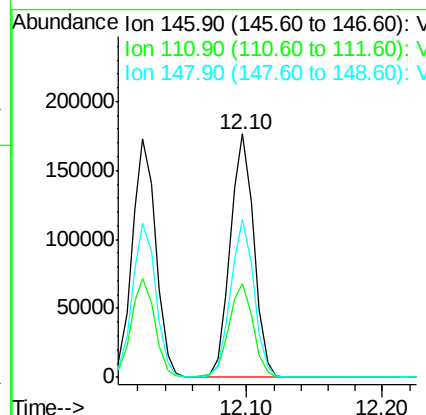
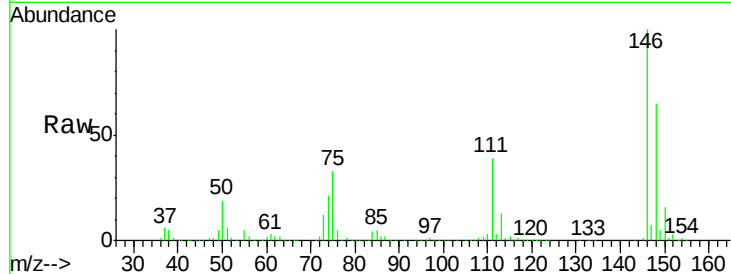
ClientSampleId :

GMW-7MS

Tot Ion:	146	Resp:	211766
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.0	59.9
148	64.2	32.2	96.6

Manual Integrations
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#89

n-Butylbenzene

Concen: 49.512 ug/l

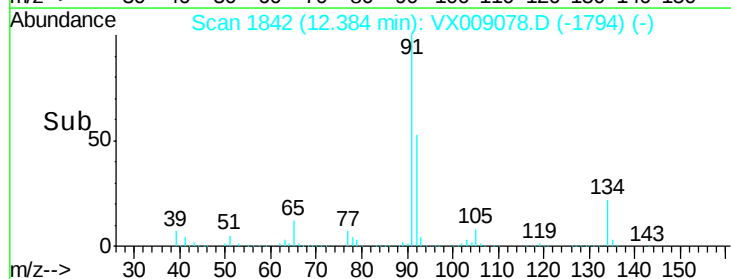
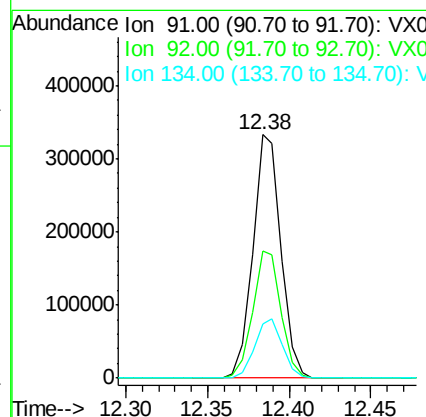
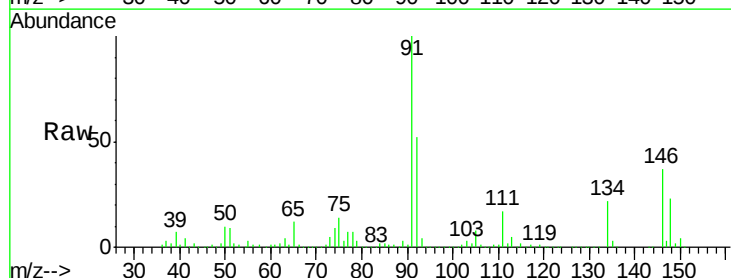
RT: 12.38 min Scan# 1842

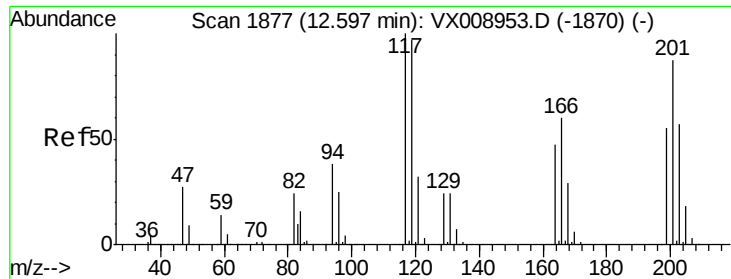
Delta R.T. -0.01 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Tgt Ion:	91	Resp:	397956
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.6	79.8
134	24.2	12.4	37.2





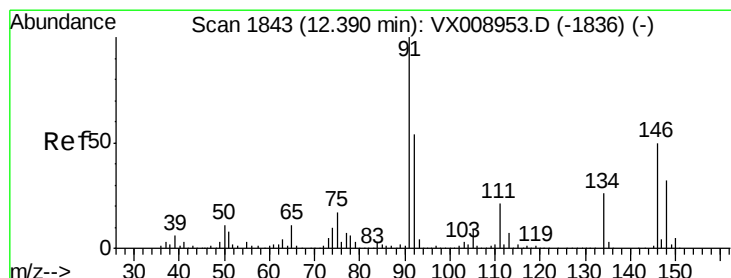
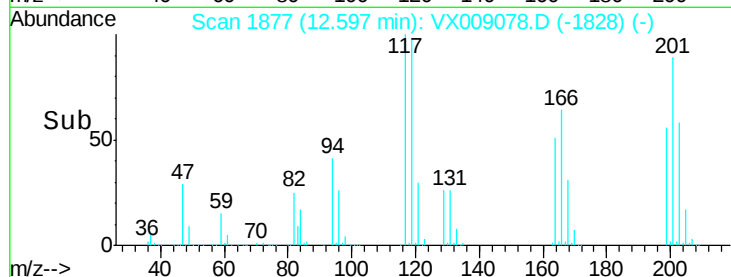
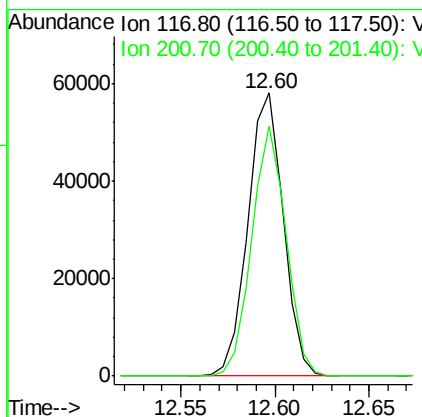
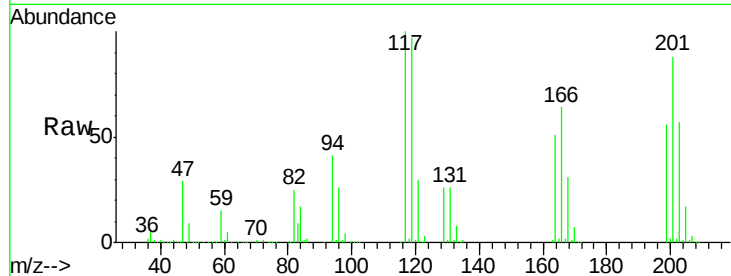
#90
Hexachloroethane
Concen: 53.079 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MS

Tot Ion:117 Resp: 75564
Ion Ratio Lower Upper
117 100
201 85.5 43.0 129.0

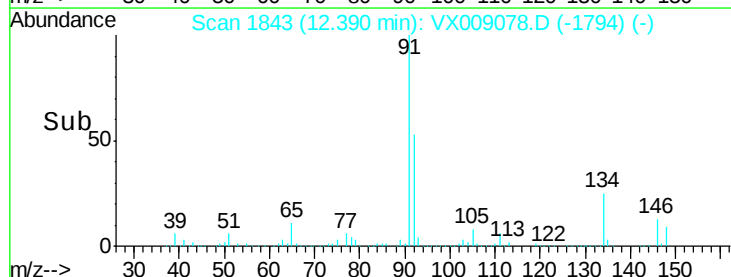
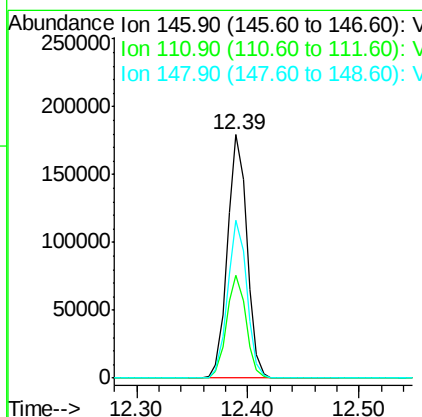
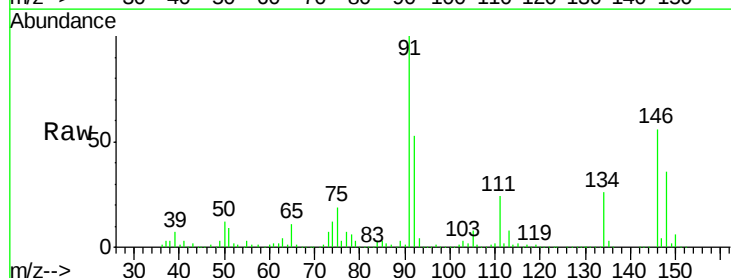
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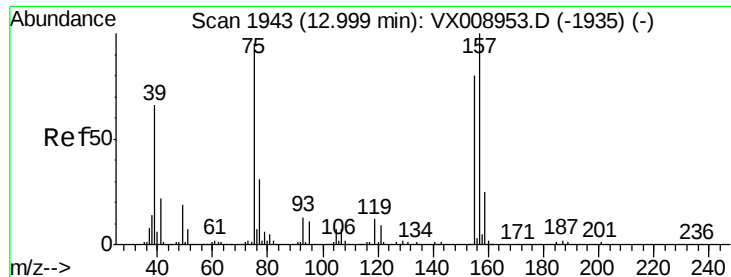
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#91
1,2-Dichlorobenzene
Concen: 51.010 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009078.D
Acq: 19 Apr 2019 18:15

Tgt Ion:146 Resp: 217300
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 63.9 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.960 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

GMW-7MS

Tot Ion: 75 Resp: 46292

Ion Ratio Lower Upper

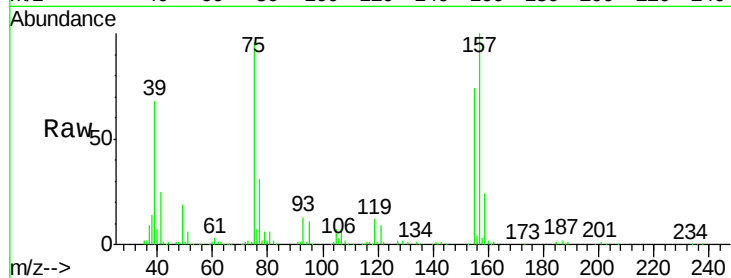
75 100

155 79.1 41.2 123.6

157 102.8 52.5 157.6

Manual Integrations
APPROVED

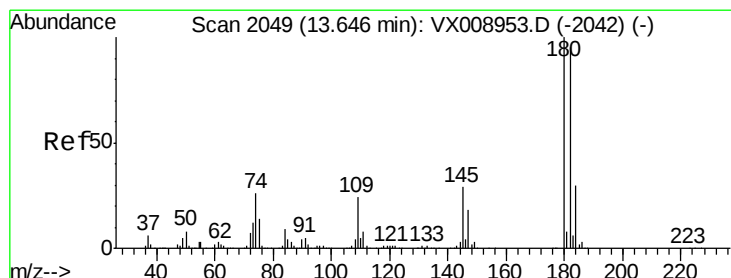
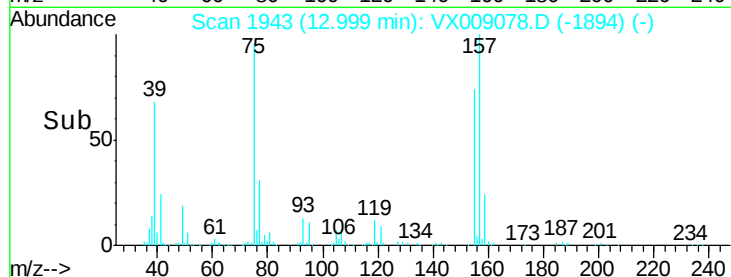
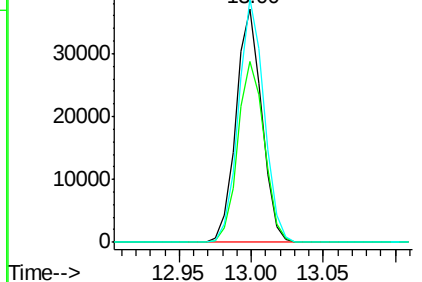
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Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 45.972 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

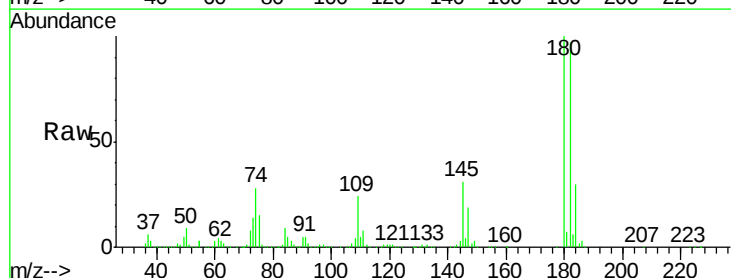
Tgt Ion: 180 Resp: 141370

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

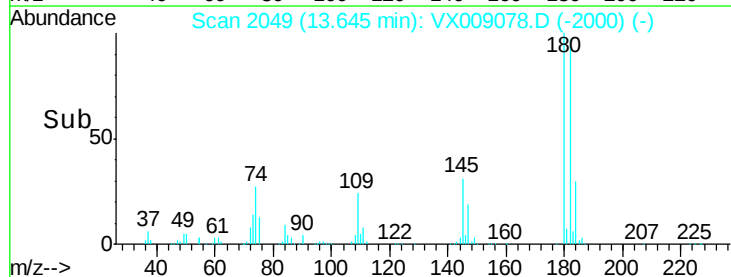
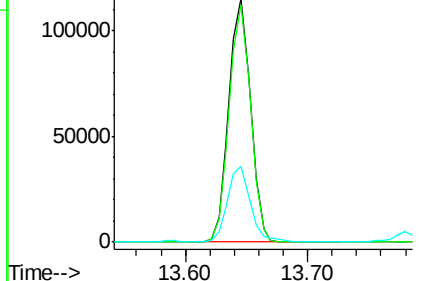
145 32.8 14.8 44.4

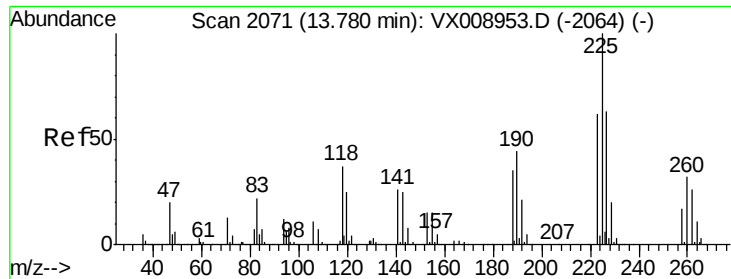


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.915 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009078.D

Acq: 19 Apr 2019 18:15

Instrument :

MSVOA_X

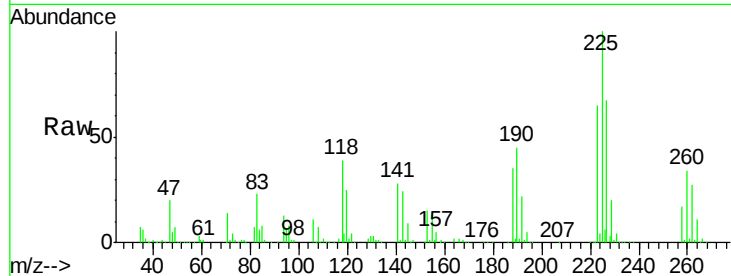
ClientSampleId :

GMW-7MS

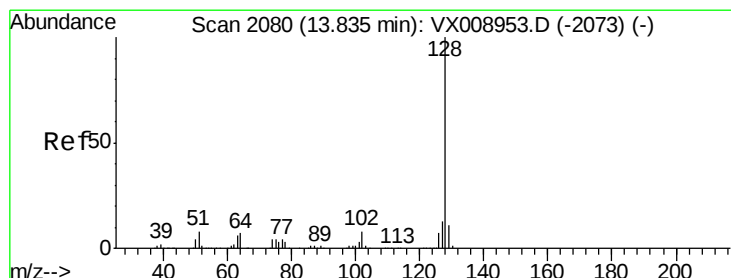
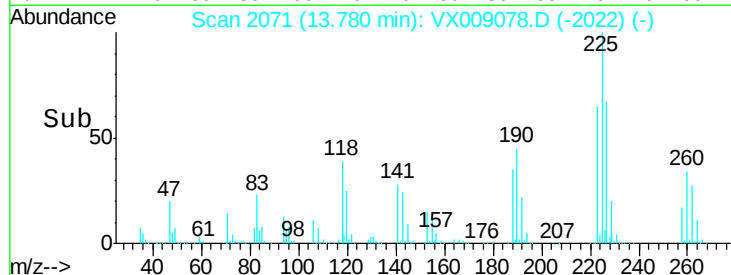
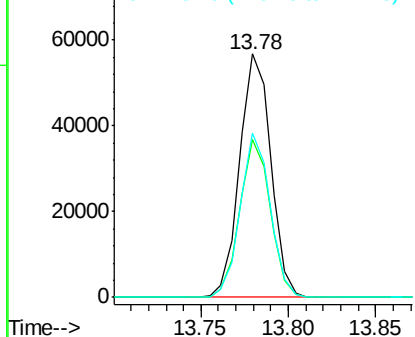
Tot Ion:	225	Resp:	70422
Ion Ratio		Lower	Upper
225	100		
223	63.3	31.1	93.2
227	64.7	32.0	96.2

Manual Integrations
APPROVED

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4/22/2019 10:51:07 AM



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



#95

Naphthalene

Concen: 50.579 ug/l

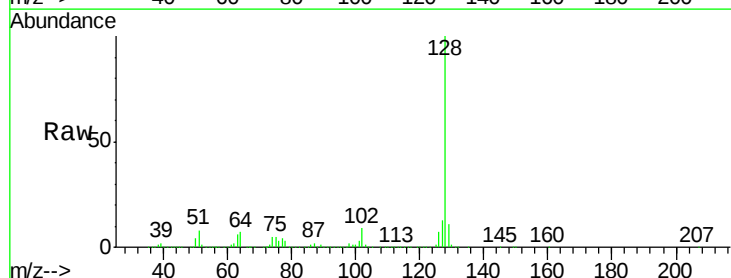
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

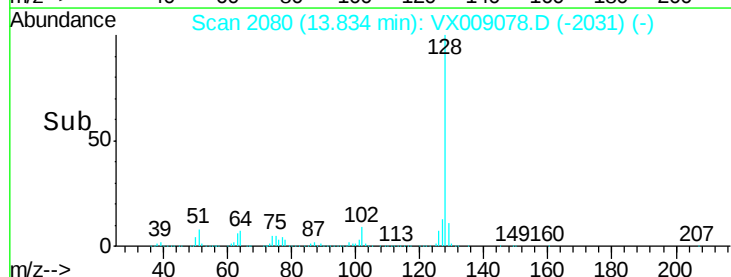
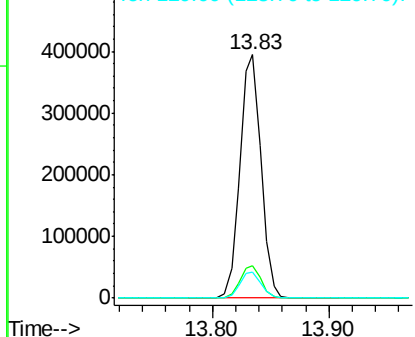
Lab File: VX009078.D

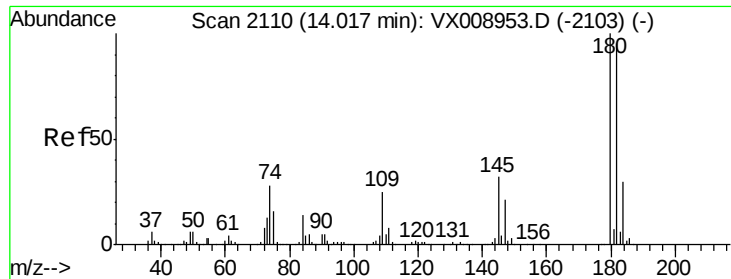
Acq: 19 Apr 2019 18:15

Tgt Ion:	128	Resp:	498311
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 48.403 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009078.D
 Acq: 19 Apr 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Tot Ion:	180	Resp:	146862
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.8	143.4
145	33.1	15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:07 AM

