

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
 Data File : VX007039.D
 Acq On : 14 Jan 2019 15:09
 Operator : JC/SP
 Sample : K1133-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Quant Time: Jan 15 01:34:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	505624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	759495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	716025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269325	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	244293	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	904829	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	328614	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	218287	52.572	ug/l	98
3) Chloromethane	1.33	50	247666	51.238	ug/l	100
4) Vinyl Chloride	1.41	62	515315	99.107	ug/l	98
5) Bromomethane	1.64	94	259461	46.706	ug/l	97
6) Chloroethane	1.72	64	170568	46.981	ug/l	98
7) Trichlorofluoromethane	1.93	101	409708	48.767	ug/l	99
8) Diethyl Ether	2.19	74	161899	48.438	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	237413	47.201	ug/l	99
10) Methyl Iodide	2.51	142	388872	57.315	ug/l	100
11) Tert butyl alcohol	3.07	59	297361	238.555	ug/l	98
12) 1,1-Dichloroethene	2.37	96	224285	48.264	ug/l	95
13) Acrolein	2.29	56	128141	238.502	ug/l	98
14) Allyl chloride	2.73	41	398503	50.037	ug/l	99
15) Acrylonitrile	3.15	53	731640	255.681	ug/l	99
16) Acetone	2.45	43	613637	234.899	ug/l	99
17) Carbon Disulfide	2.57	76	558562	46.686	ug/l	100
18) Methyl Acetate	2.78	43	382339	50.539	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	813299	50.423	ug/l	99
20) Methylene Chloride	2.86	84	261622	52.684	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	249239	48.128	ug/l	99
22) Diisopropyl ether	3.87	45	743866	49.682	ug/l	95
23) Vinyl Acetate	3.82	43	3156778	250.008	ug/l	99
24) 1,1-Dichloroethane	3.70	63	427657	51.081	ug/l	99
25) 2-Butanone	4.70	43	941769	251.953	ug/l	100
26) 2,2-Dichloropropane	4.59	77	297778	46.254	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	463562	81.153	ug/l	98
28) Bromochloromethane	5.02	49	178771	48.737	ug/l	97
29) Tetrahydrofuran	5.15	42	614817	253.099	ug/l	97
30) Chloroform	5.21	83	437825	49.948	ug/l	97
31) Cyclohexane	5.58	56	359602	48.259	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	372120	50.085	ug/l	98
36) 1,1-Dichloropropene	5.80	75	314620	47.647	ug/l	99
37) Ethyl Acetate	4.85	43	354189	50.032	ug/l	98
38) Carbon Tetrachloride	5.78	117	323397	48.678	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384029	45.620	ug/l	96
40) Benzene	6.15	78	1033132	51.276	ug/l	99
41) Methacrylonitrile	5.06	41	195360	47.904	ug/l	99
42) 1,2-Dichloroethane	6.20	62	342047	49.127	ug/l	99
43) Isopropyl Acetate	6.46	43	565355	50.630	ug/l	98
44) Trichloroethene	7.21	130	284279	47.084	ug/l	95
45) 1,2-Dichloropropane	7.51	63	249774	49.310	ug/l	94
46) Dibromomethane	7.66	93	178720	50.203	ug/l	99
47) Bromodichloromethane	7.90	83	313643	51.760	ug/l	96
48) Methyl methacrylate	7.77	41	293215	51.132	ug/l	98
49) 1,4-Dioxane	7.75	88	115993	884.747	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1920471	267.614	ug/l	99
52) Toluene	8.79	92	640999	49.498	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	348964	51.935	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373698	50.361	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	271609	52.400	ug/l	99
56) Ethyl methacrylate	9.18	69	404228	53.419	ug/l	96
57) 1,3-Dichloropropane	9.37	76	426022	50.168	ug/l	100
59) 2-Hexanone	9.49	43	1441830	263.650	ug/l	99
60) Dibromochloromethane	9.59	129	277889	55.211	ug/l	99
61) 1,2-Dibromoethane	9.67	107	291173	51.026	ug/l	100
64) Tetrachloroethene	9.34	164	279027	45.011	ug/l	95
65) Chlorobenzene	10.14	112	2722026	174.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	266565	50.740	ug/l	99
67) Ethyl Benzene	10.25	91	1226419	47.570	ug/l	98
68) m/p-Xylenes	10.36	106	978754	96.357	ug/l	100
69) o-Xylene	10.70	106	481397	48.596	ug/l	98
70) Styrene	10.71	104	783860	49.962	ug/l	100
71) Bromoform	10.86	173	213890	45.932	ug/l	100
73) Isopropylbenzene	11.02	105	1261766	48.331	ug/l	99
74) N-amyl acetate	10.90	43	532660	50.675	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	402638	48.580	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	461584	61.522	ug/l	90
77) Bromobenzene	11.26	156	346331	48.145	ug/l	99
78) n-propylbenzene	11.36	91	1413723	49.327	ug/l	99
79) 2-Chlorotoluene	11.42	91	835593	48.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1039926	47.671	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110128	44.729	ug/l	98
82) 4-Chlorotoluene	11.51	91	966815	48.401	ug/l	99
83) tert-Butylbenzene	11.77	119	1073530	49.324	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1061651	48.397	ug/l	100
85) sec-Butylbenzene	11.94	105	1258054	48.399	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130687	48.631	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	665617	51.193	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	739093	59.966	ug/l	100
89) n-Butylbenzene	12.39	91	969014	48.891	ug/l	98
90) Hexachloroethane	12.60	117	178719	48.257	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	716850	55.868	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83247	50.786	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	416482	47.311	ug/l	98

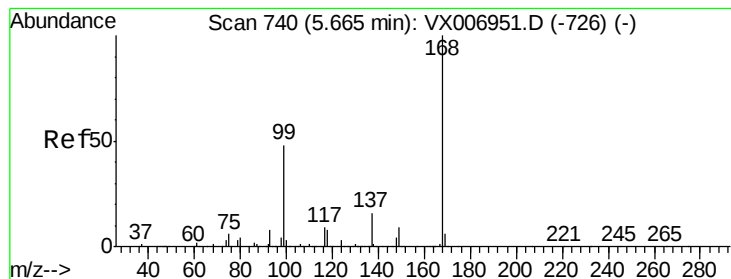
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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	190656	48.805	ug/l	99
95) Naphthalene	13.83	128	1308315	49.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	413264	47.258	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

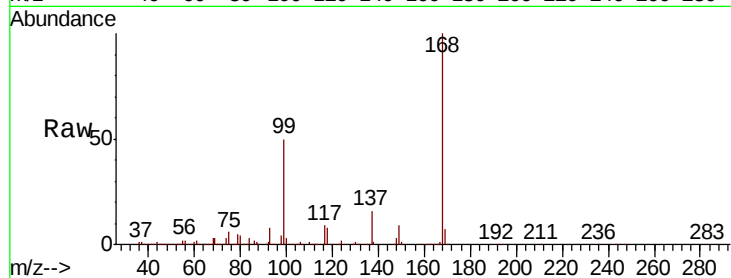
WP022MW359-190109MS

Tgt Ion:168 Resp: 505624

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

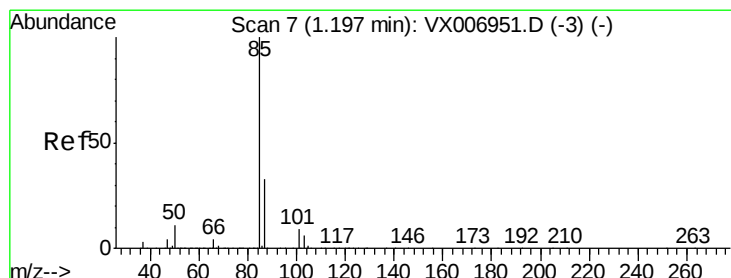
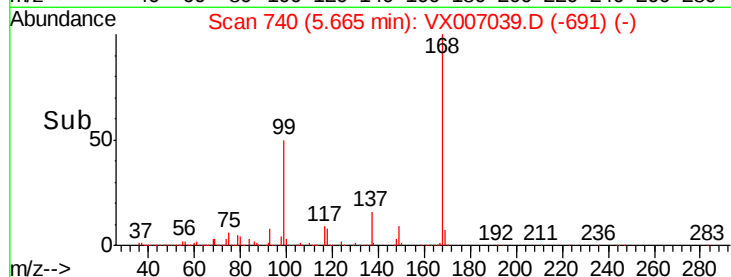
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.572 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007039.D

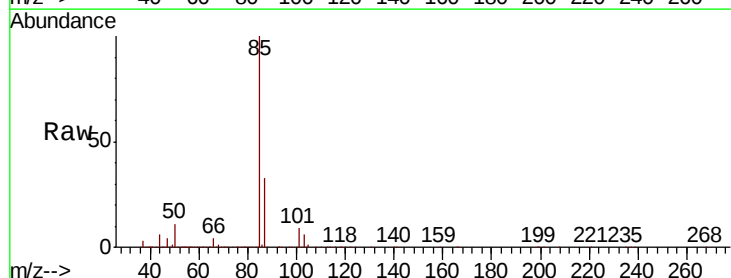
Acq: 14 Jan 2019 15:09

Tgt Ion: 85 Resp: 218287

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

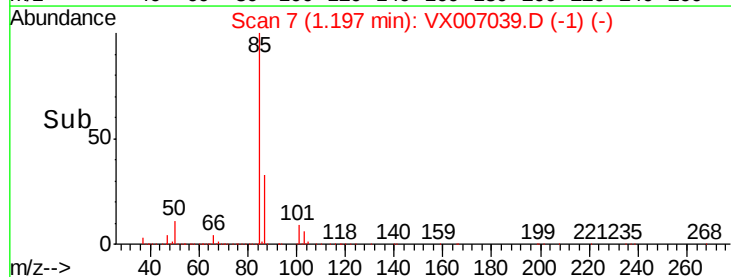
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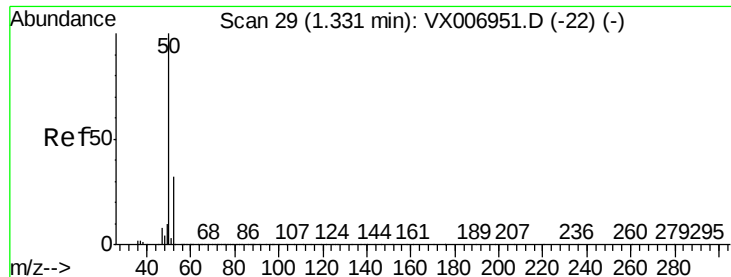
100000

50000

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Time-->





#3

Chloromethane

Concen: 51.238 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

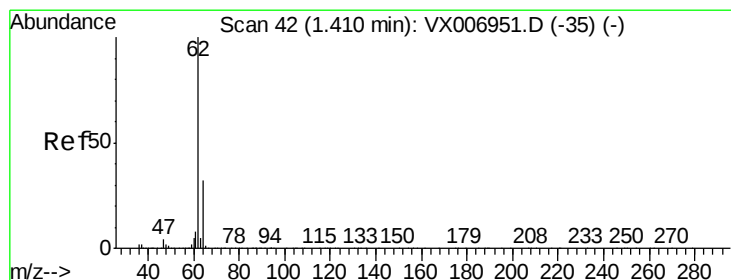
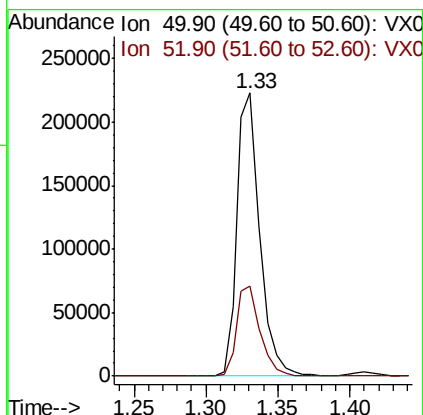
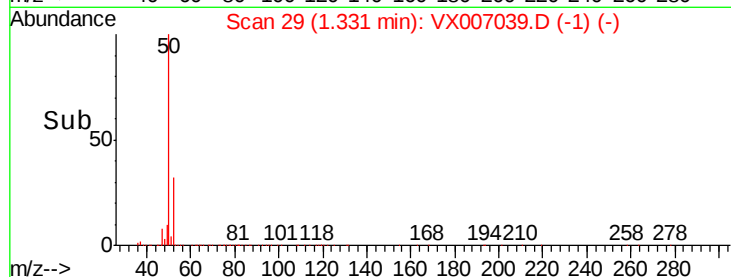
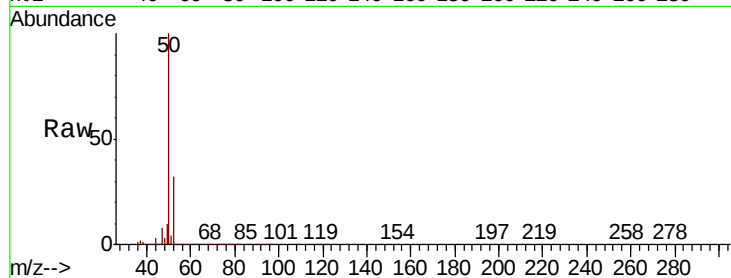
WP022MW359-190109MS

Tgt Ion: 50 Resp: 247666

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



#4

Vinyl Chloride

Concen: 99.107 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007039.D

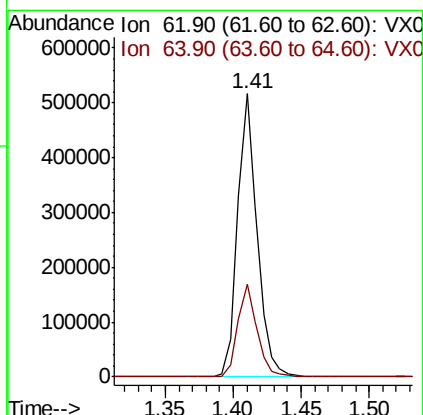
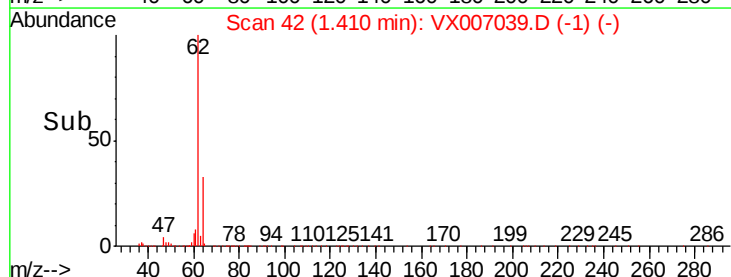
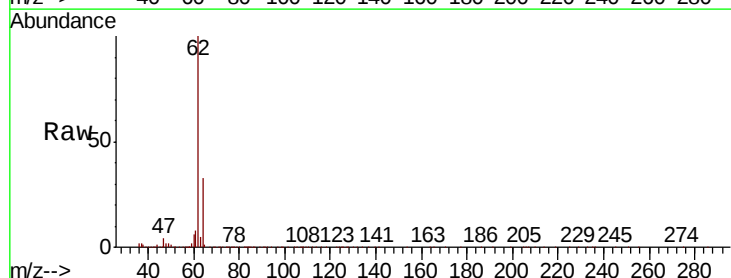
Acq: 14 Jan 2019 15:09

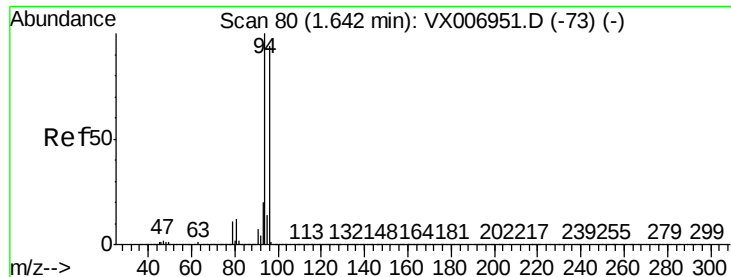
Tgt Ion: 62 Resp: 515315

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 46.706 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

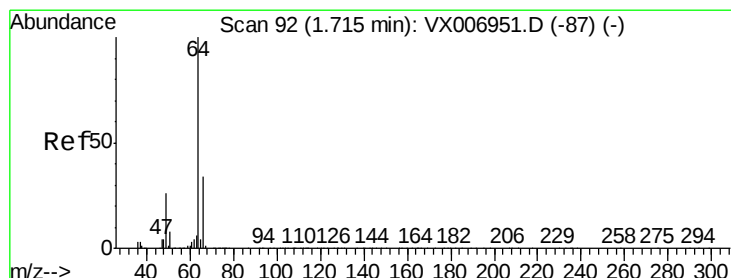
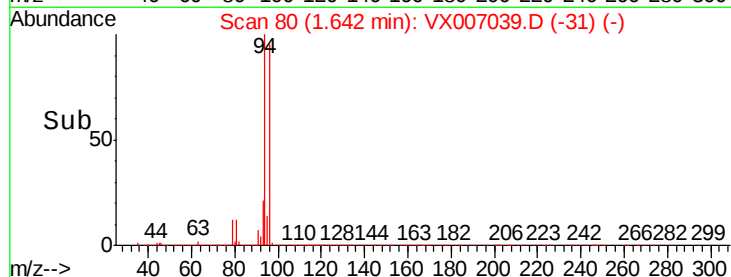
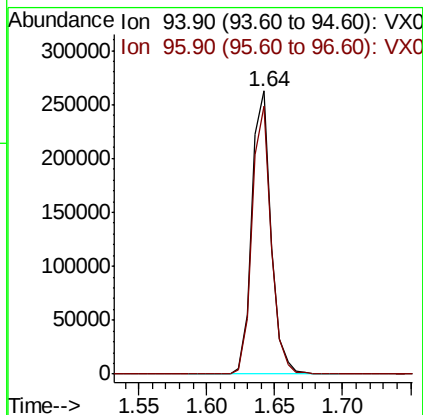
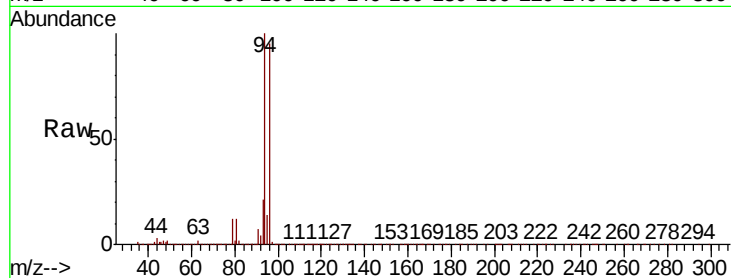
WP022MW359-190109MS

Tgt Ion: 94 Resp: 259461

Ion Ratio Lower Upper

94 100

96 94.8 73.4 110.2



#6

Chloroethane

Concen: 46.981 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007039.D

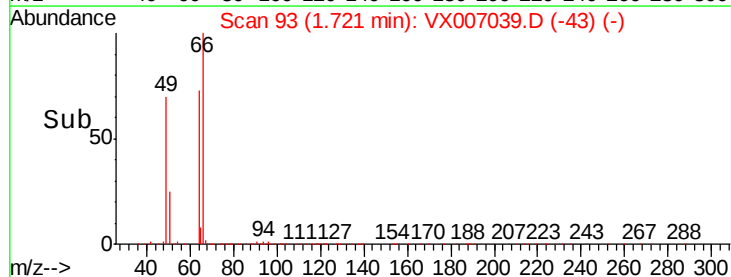
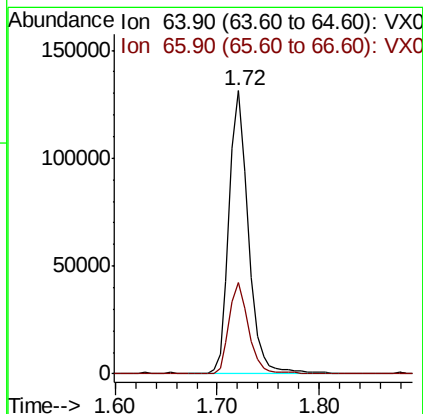
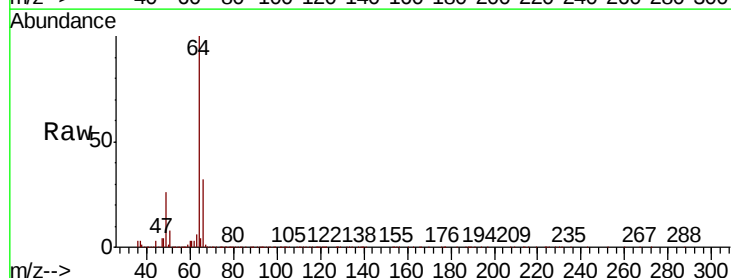
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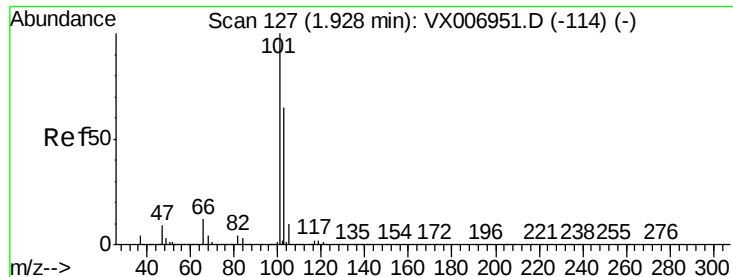
Tgt Ion: 64 Resp: 170568

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



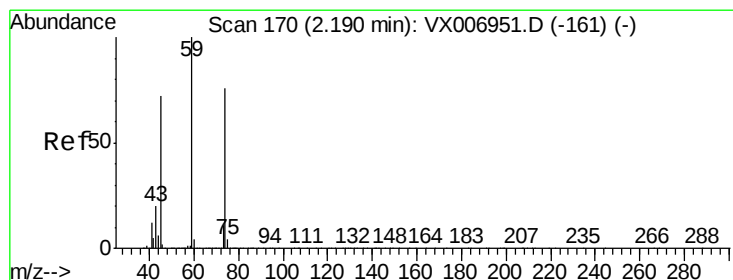
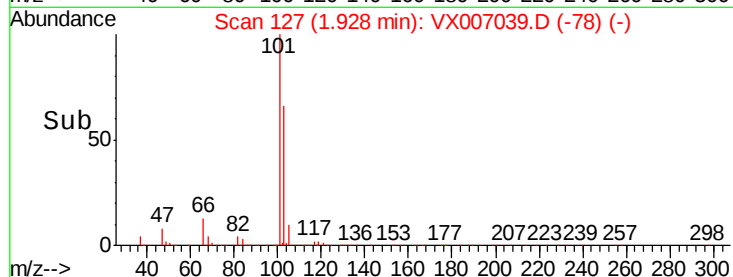
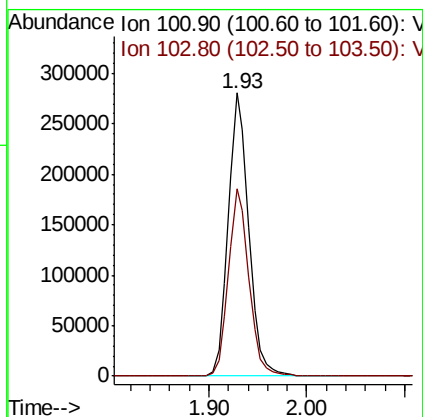
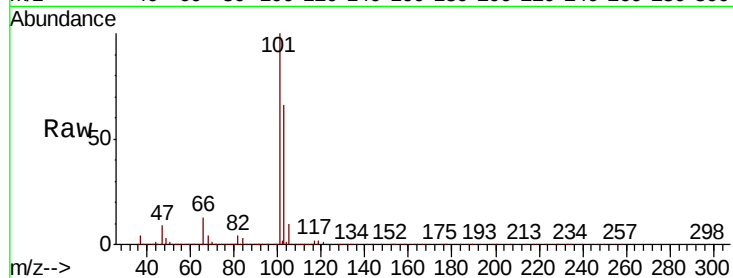


#7

Trichlorofluoromethane
Concen: 48.767 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
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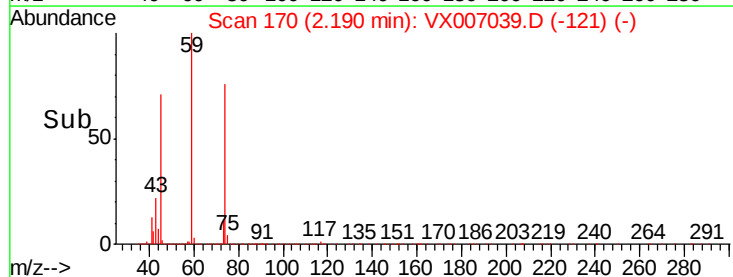
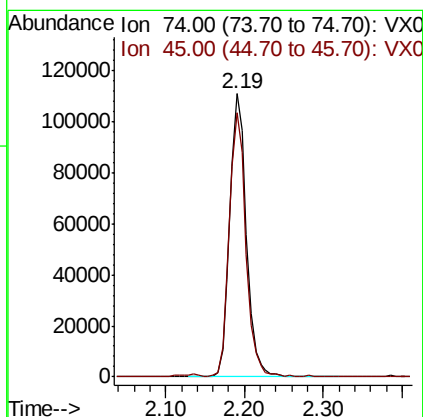
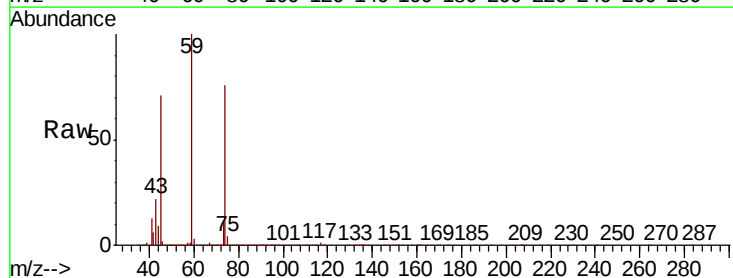
Tgt Ion:101 Resp: 409708
Ion Ratio Lower Upper
101 100
103 66.0 53.2 79.8

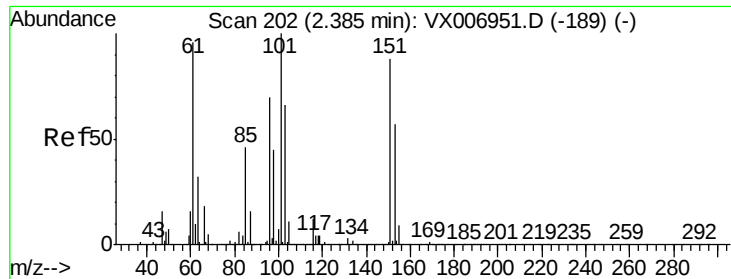


#8

Diethyl Ether
Concen: 48.438 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion: 74 Resp: 161899
Ion Ratio Lower Upper
74 100
45 92.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.201 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

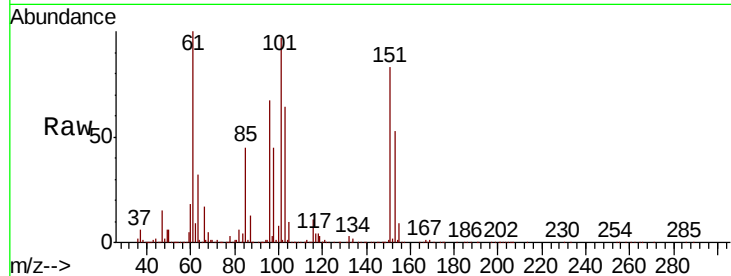
Tgt Ion:101 Resp: 237413

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

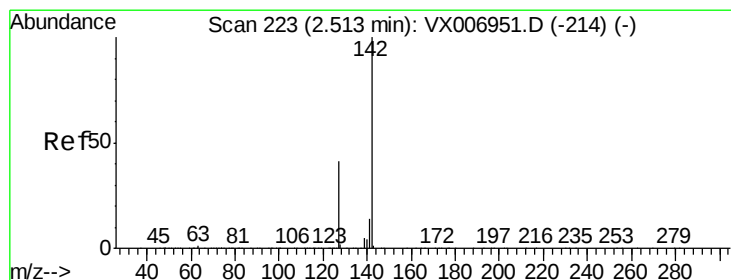
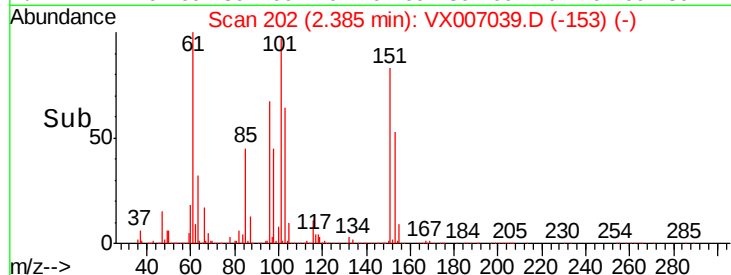
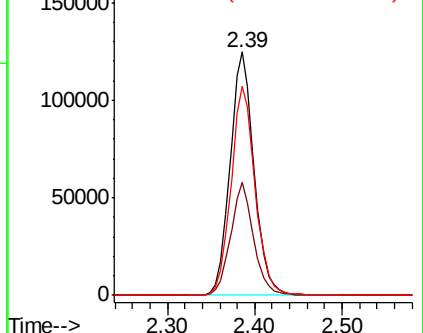
151 86.4 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.315 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

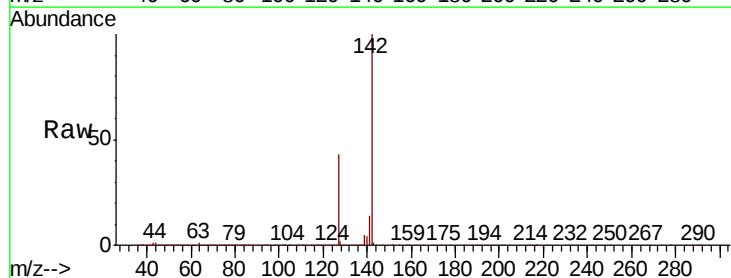
Tgt Ion:142 Resp: 388872

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

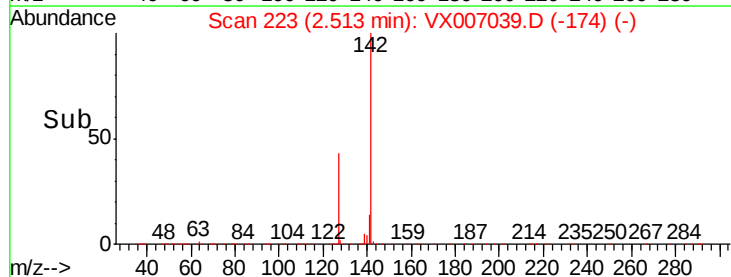
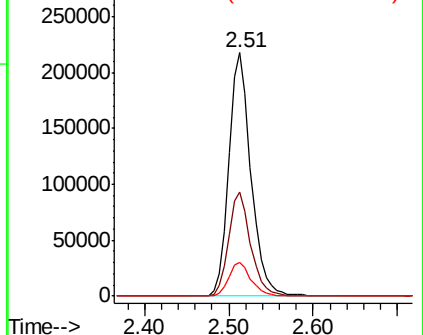
141 14.1 11.4 17.0

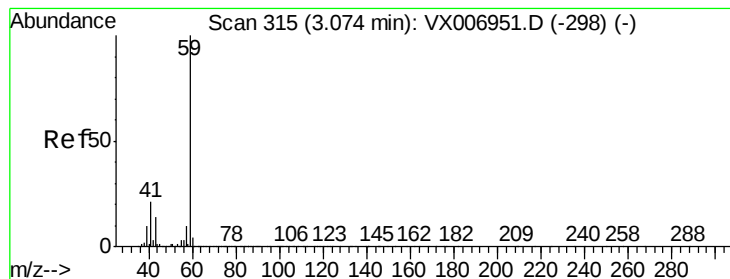


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



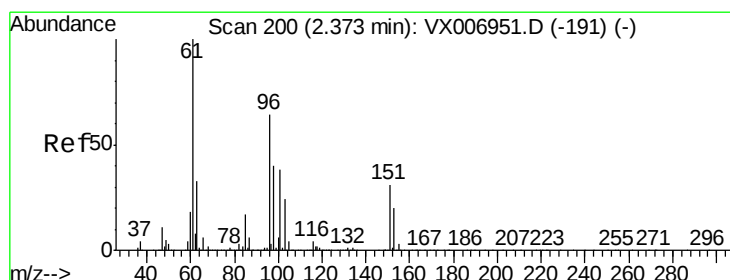
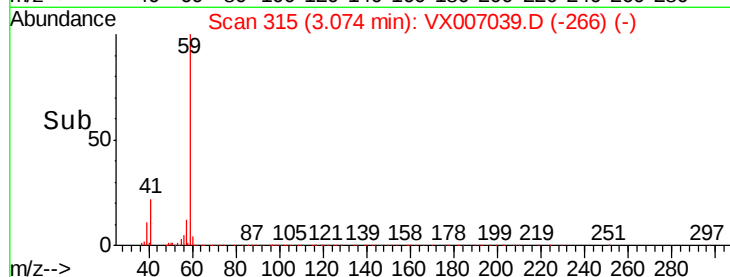
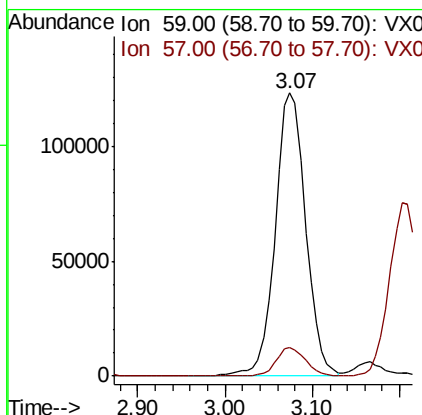
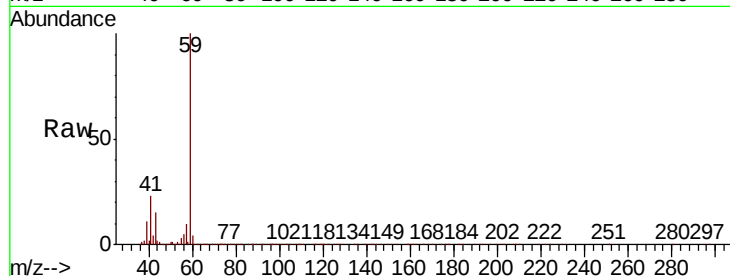


#11

Tert butyl alcohol
 Concen: 238.555 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

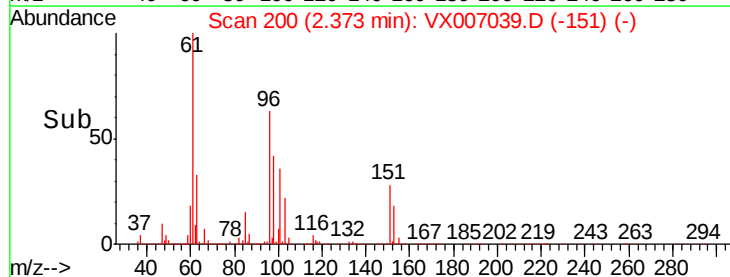
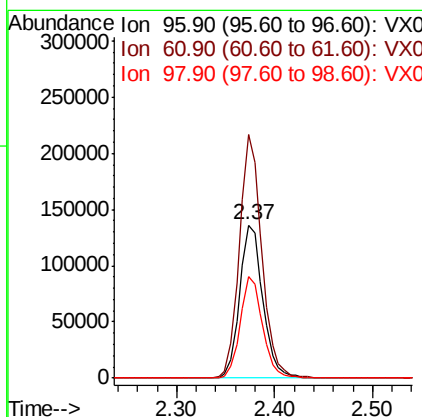
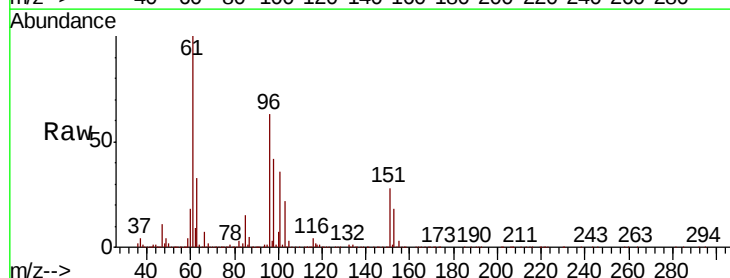
Tgt Ion: 59 Resp: 297361
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

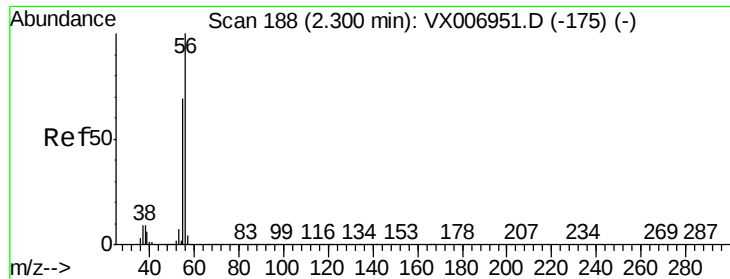


#12

1,1-Dichloroethene
 Concen: 48.264 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion: 96 Resp: 224285
 Ion Ratio Lower Upper
 96 100
 61 158.9 121.4 182.2
 98 66.5 51.9 77.9





#13

Acrolein

Concen: 238.502 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

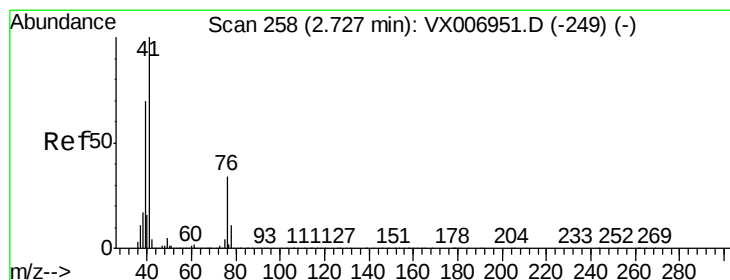
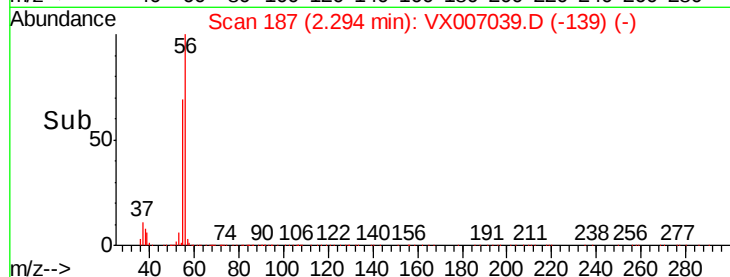
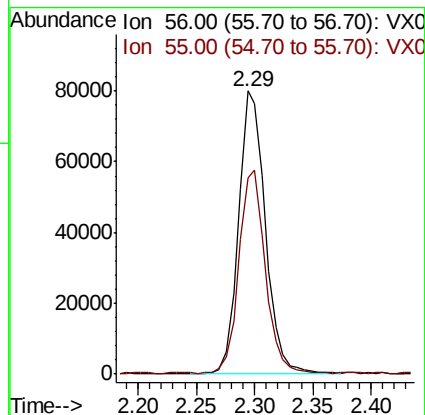
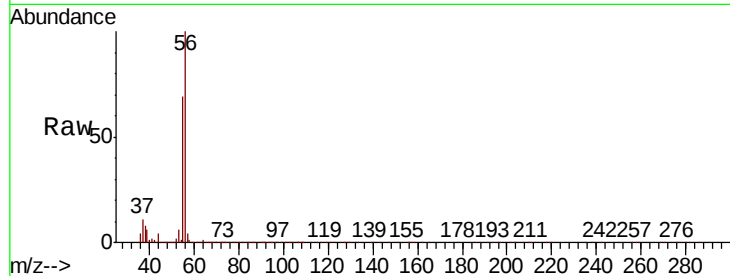
WP022MW359-190109MS

Tgt Ion: 56 Resp: 128141

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.4



#14

Allyl chloride

Concen: 50.037 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

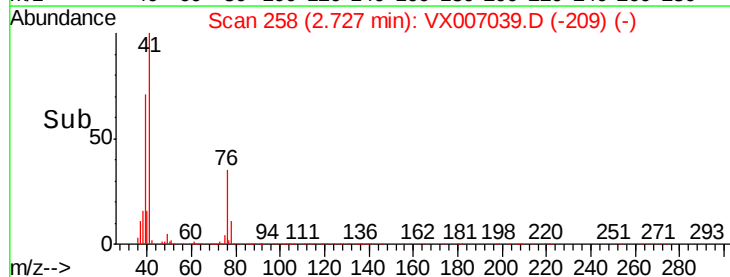
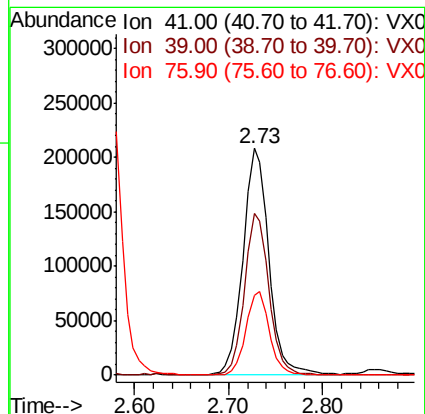
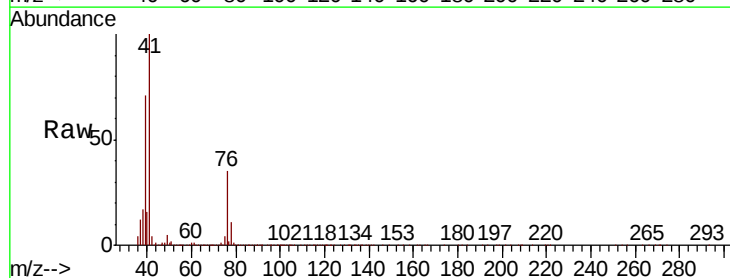
Tgt Ion: 41 Resp: 398503

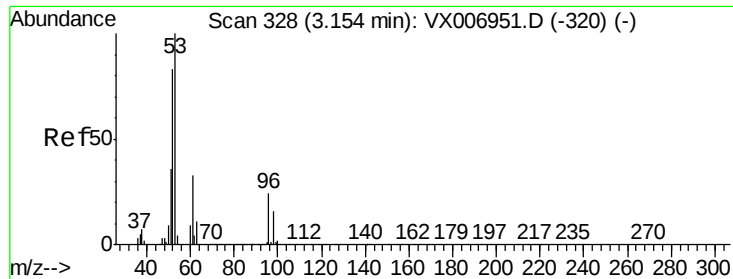
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 255.681 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

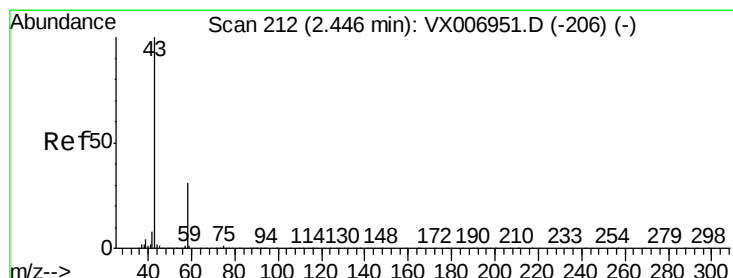
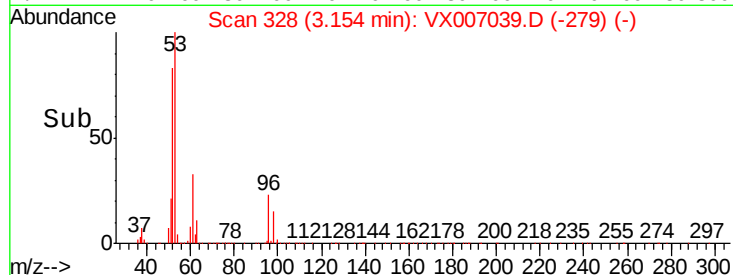
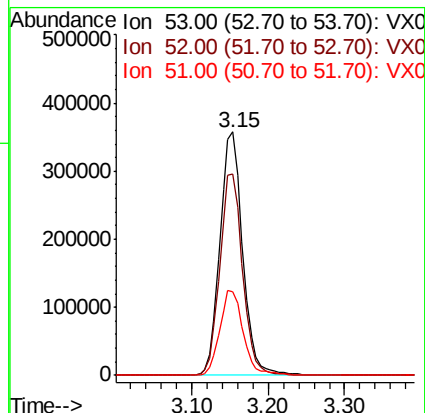
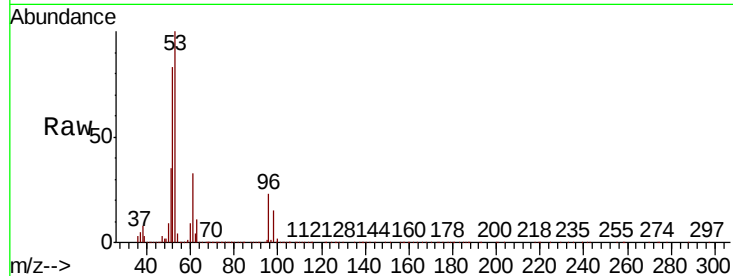
Tgt Ion: 53 Resp: 731640

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

51 36.0 28.6 42.8



#16

Acetone

Concen: 234.899 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007039.D

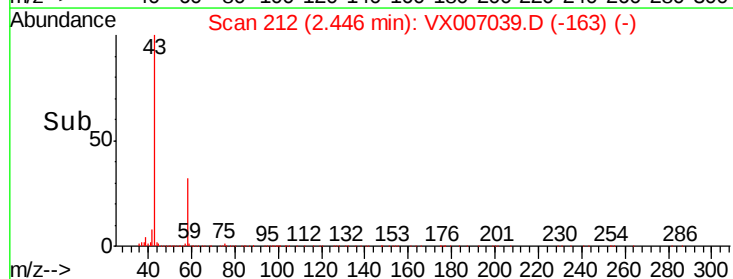
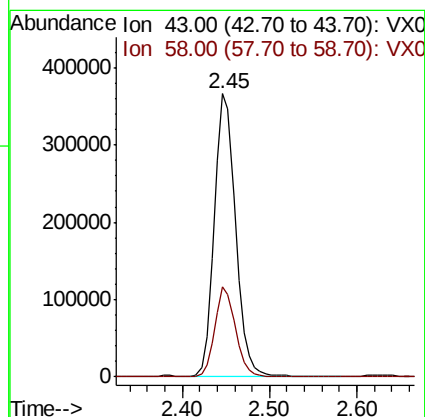
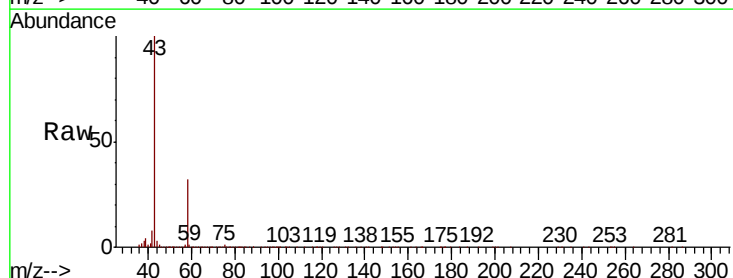
Acq: 14 Jan 2019 15:09

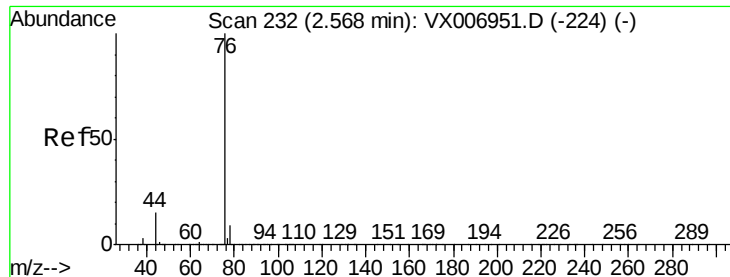
Tgt Ion: 43 Resp: 613637

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.6





#17

Carbon Disulfide

Concen: 46.686 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

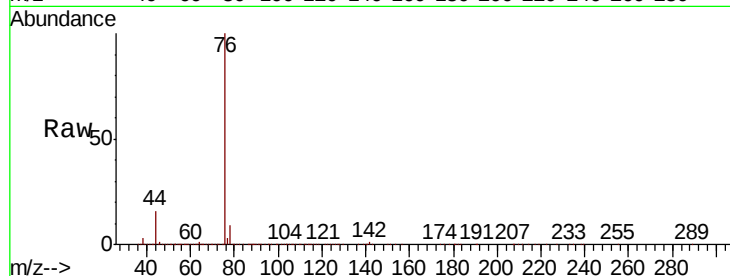
WP022MW359-190109MS

Tgt Ion: 76 Resp: 558562

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

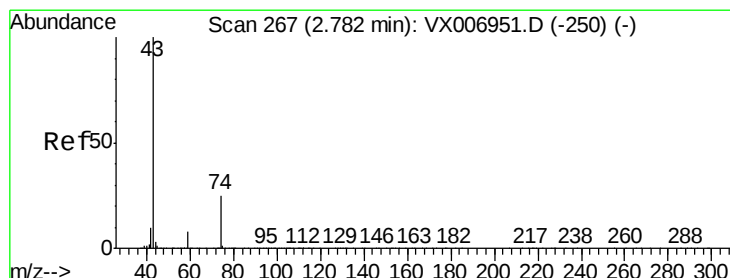
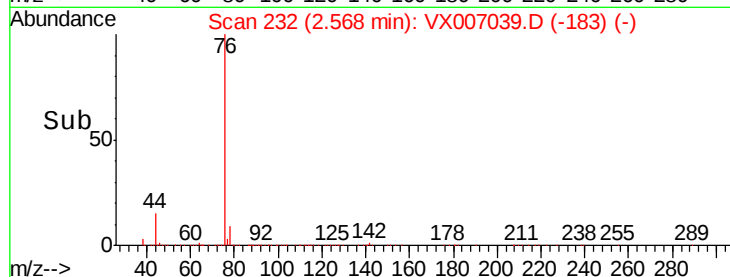
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 50.539 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007039.D

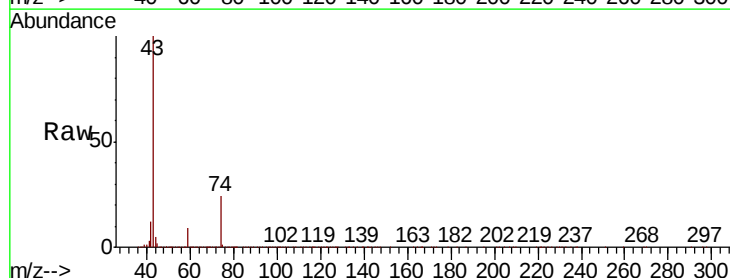
Acq: 14 Jan 2019 15:09

Tgt Ion: 43 Resp: 382339

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

150000

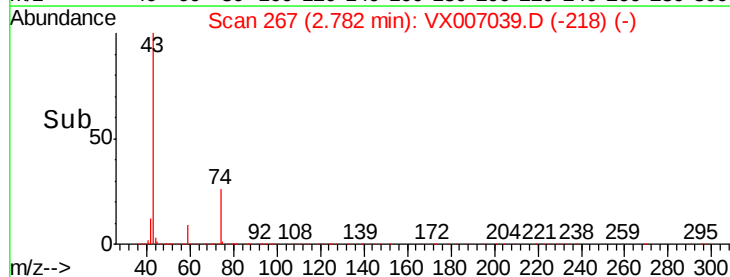
100000

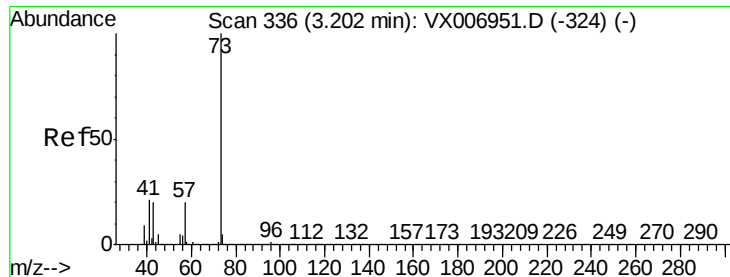
50000

0

2.60 2.70 2.80 2.90

Time-->





#19

Methyl tert-butyl Ether

Concen: 50.423 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

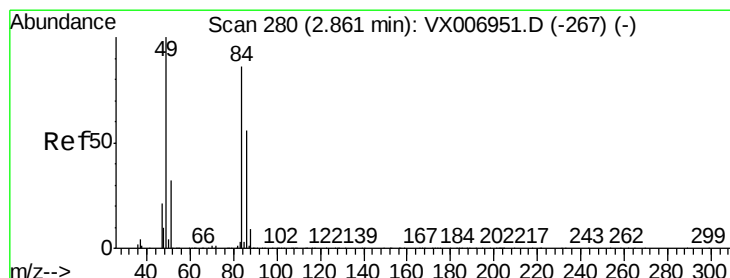
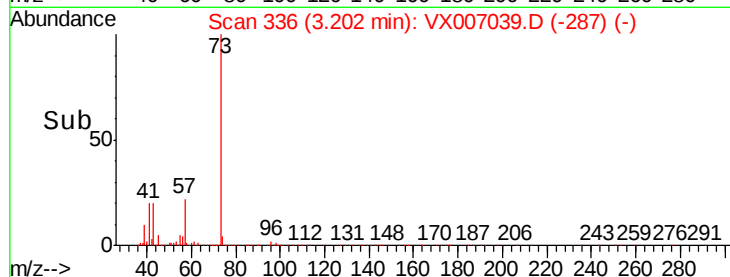
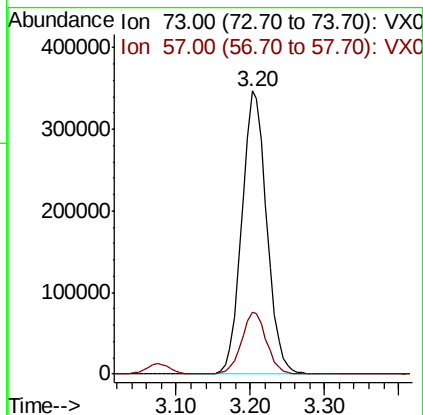
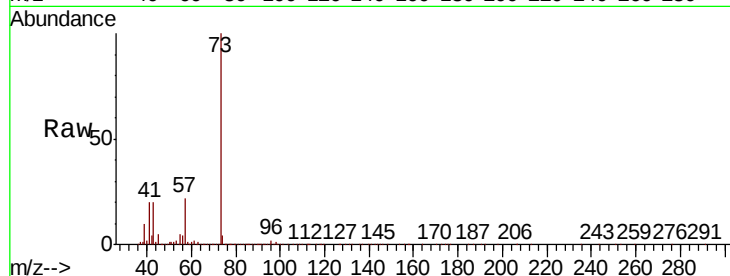
WP022MW359-190109MS

Tgt Ion: 73 Resp: 813299

Ion Ratio Lower Upper

73 100

57 21.6 16.8 25.2



#20

Methylene Chloride

Concen: 52.684 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion: 84 Resp: 261622

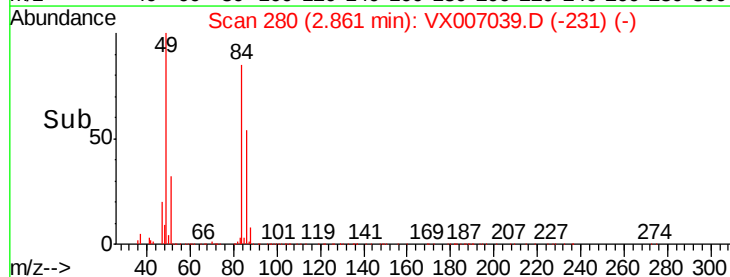
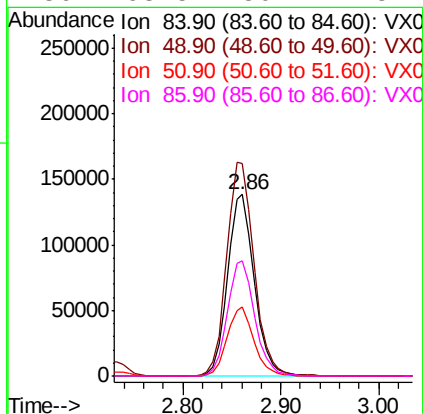
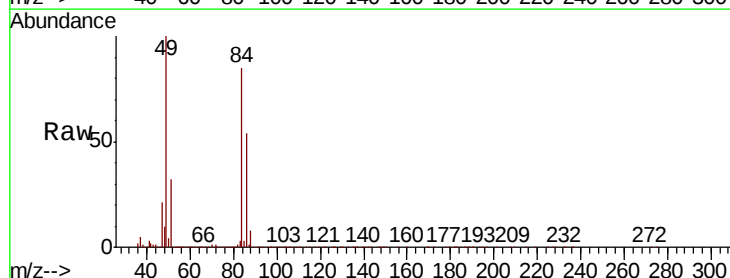
Ion Ratio Lower Upper

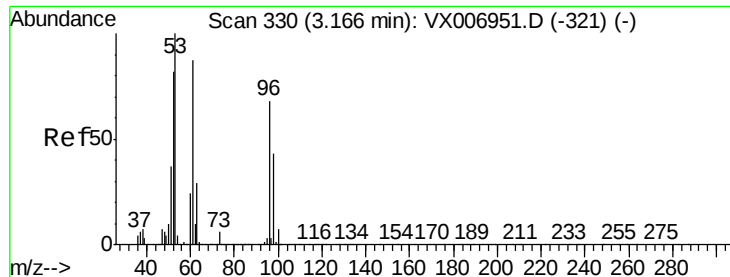
84 100

49 117.2 91.8 137.6

51 37.7 28.5 42.7

86 63.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.128 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

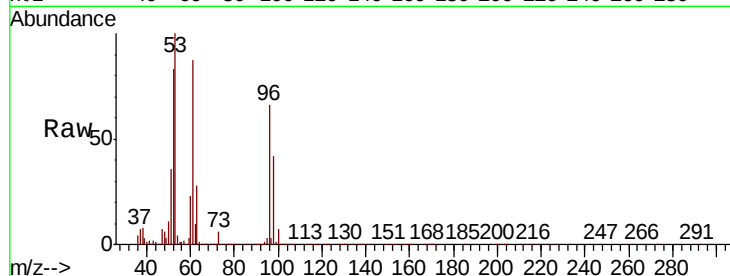
Tgt Ion: 96 Resp: 249239

Ion Ratio Lower Upper

96 100

61 130.7 103.7 155.5

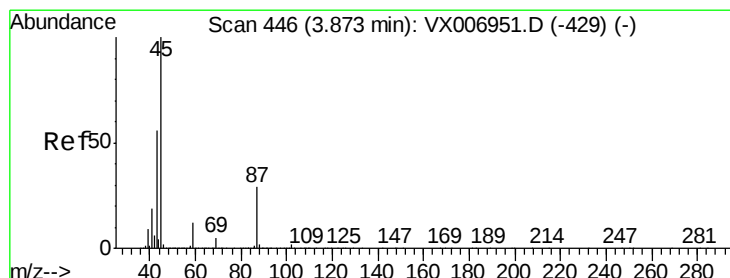
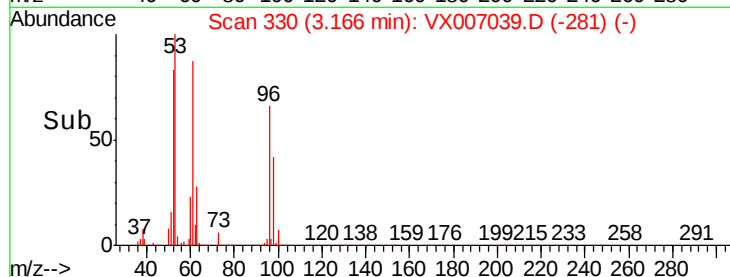
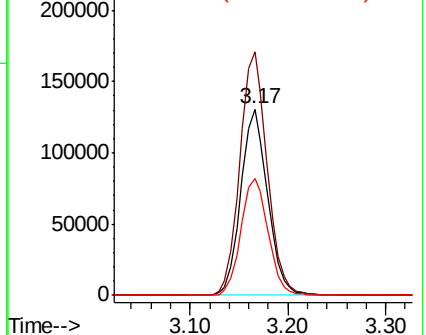
98 62.6 51.0 76.6



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



#22

Diisopropyl ether

Concen: 49.682 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion: 45 Resp: 743866

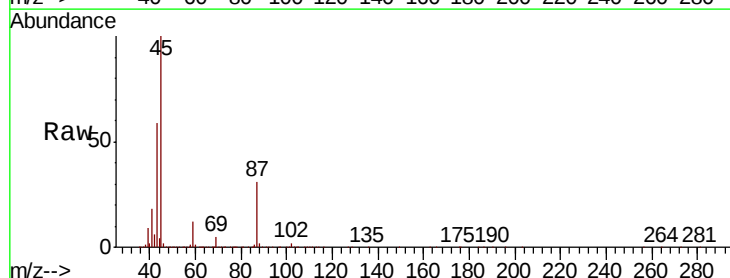
Ion Ratio Lower Upper

45 100

43 58.5 51.2 76.8

87 30.8 25.8 38.6

59 12.2 9.0 13.4

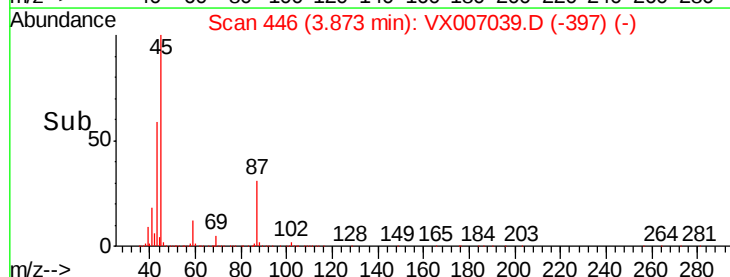
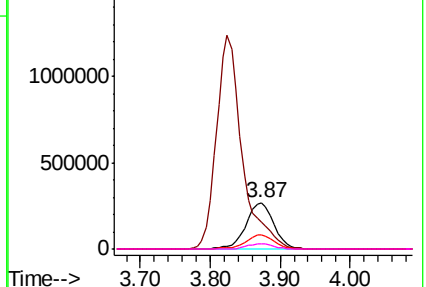


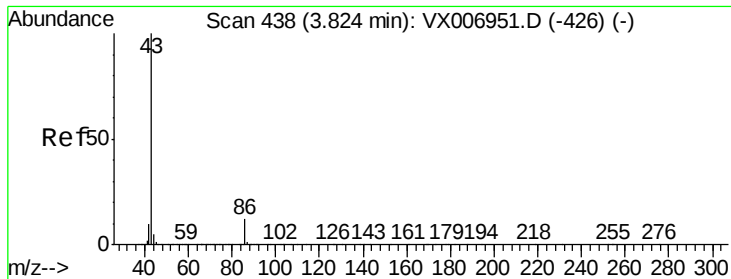
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 250.008 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

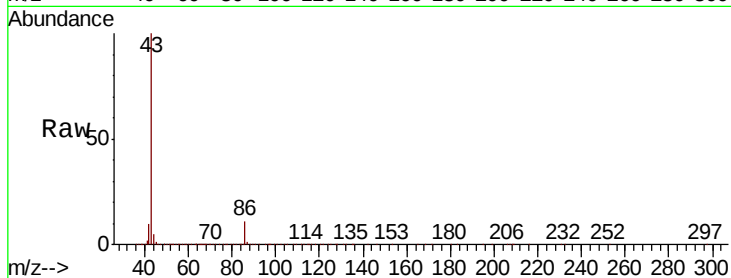
WP022MW359-190109MS

Tgt Ion: 43 Resp: 3156778

Ion Ratio Lower Upper

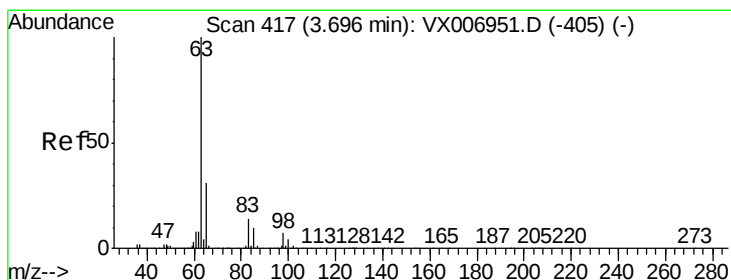
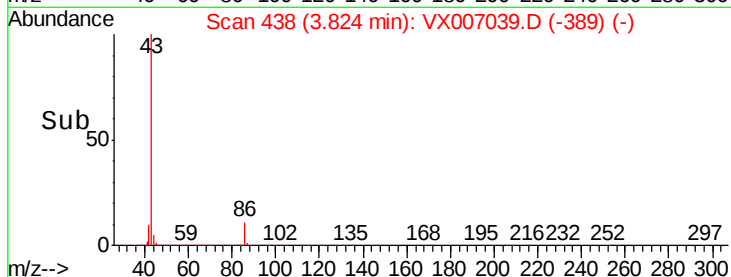
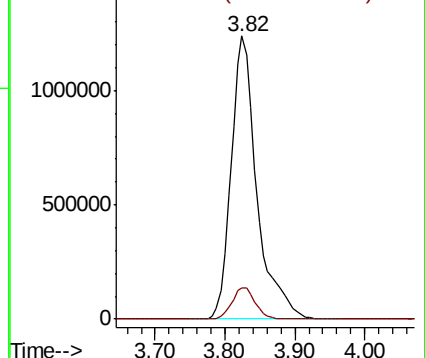
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.081 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

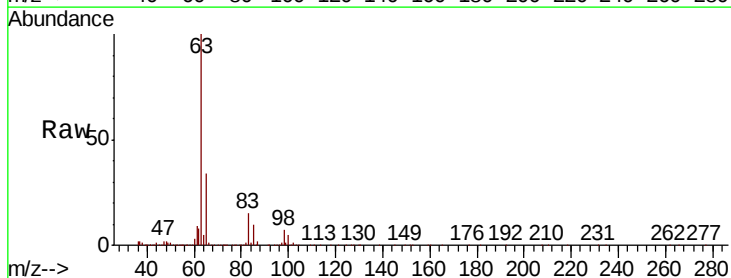
Tgt Ion: 63 Resp: 427657

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

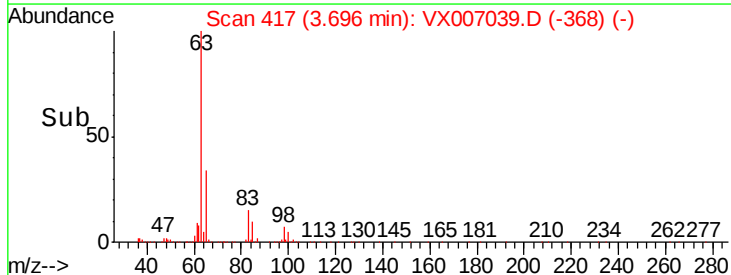
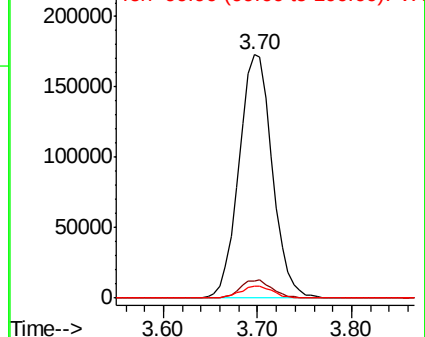
100 5.0 2.4 7.2

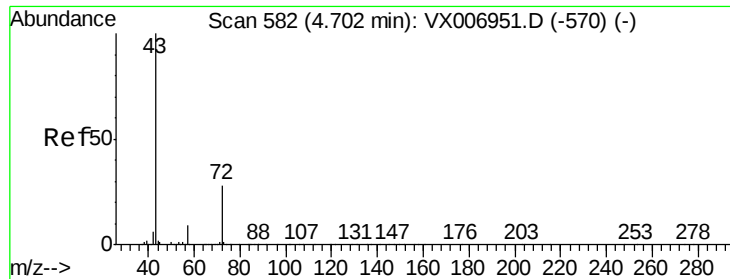


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.953 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

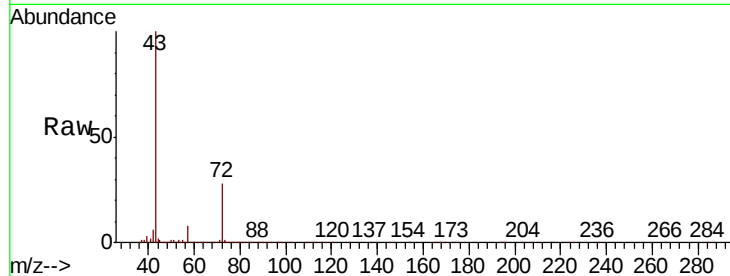
WP022MW359-190109MS

Tgt Ion: 43 Resp: 941769

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

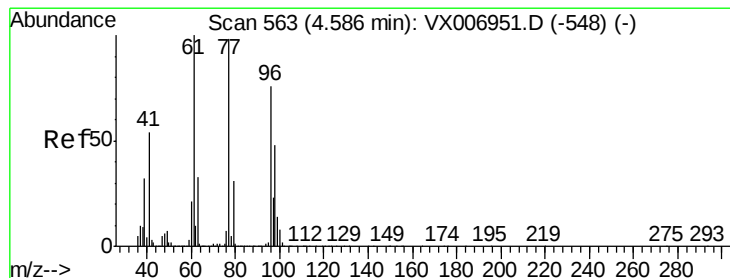
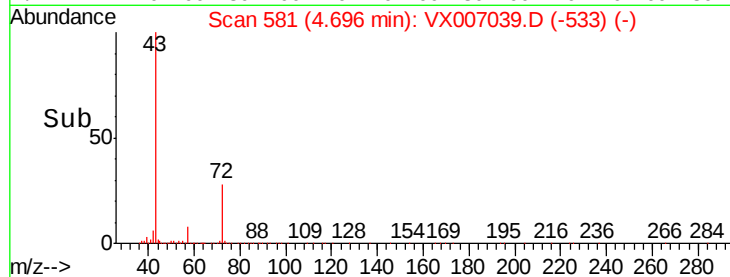
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.254 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007039.D

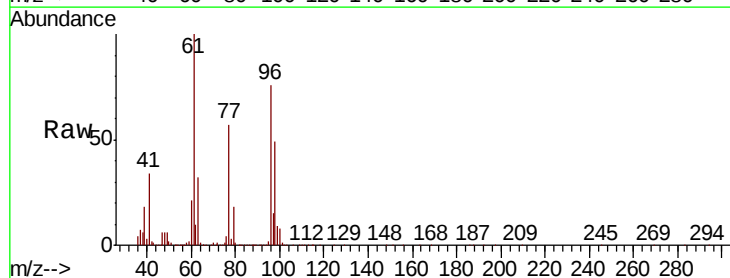
Acq: 14 Jan 2019 15:09

Tgt Ion: 77 Resp: 297778

Ion Ratio Lower Upper

77 100

97 27.5 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

100000

80000

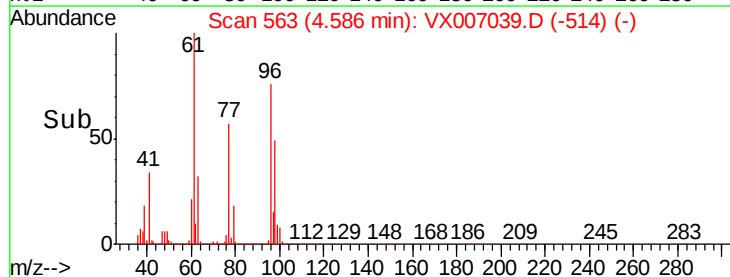
60000

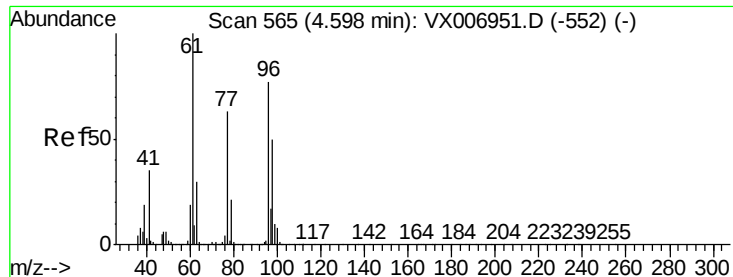
40000

20000

0

Time-->



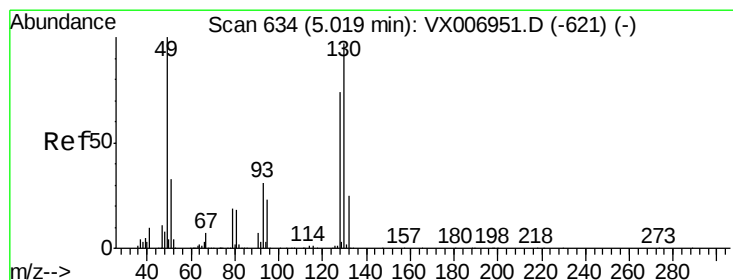
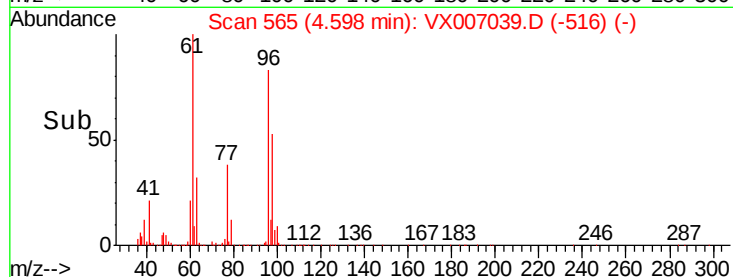
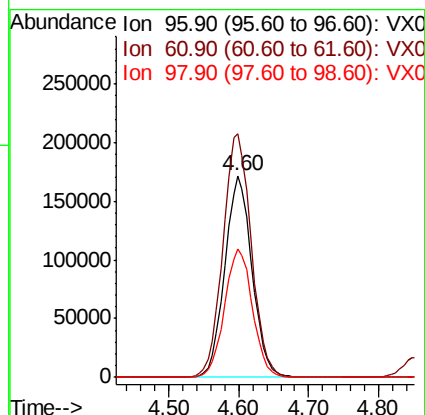
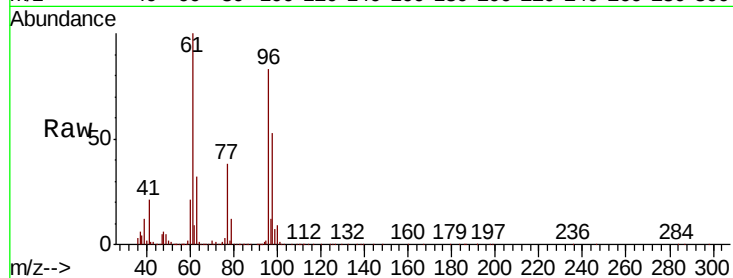


#27

cis-1,2-Dichloroethene
Concen: 81.153 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

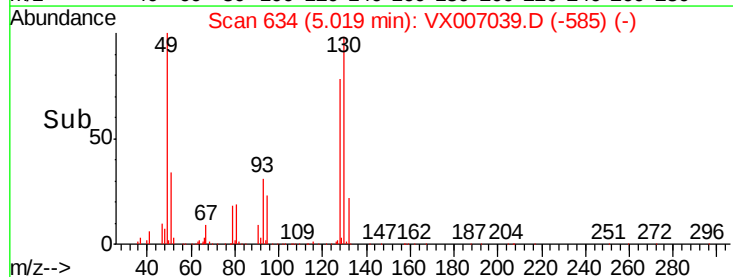
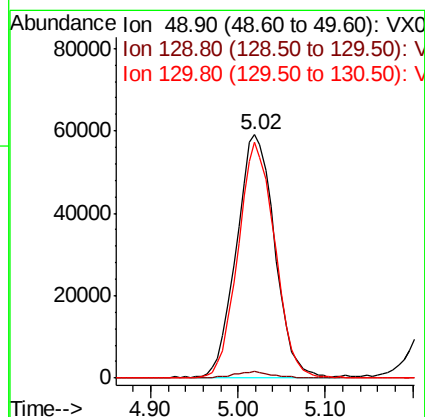
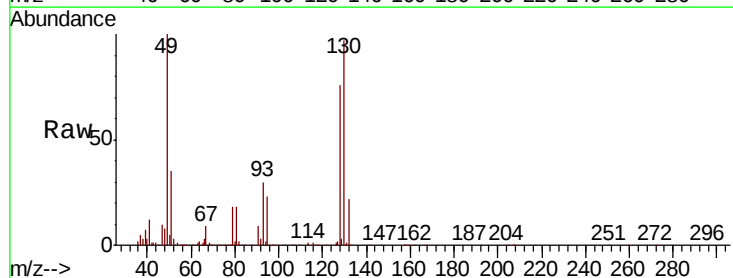
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	258.6
98	65.5	0.0	132.0

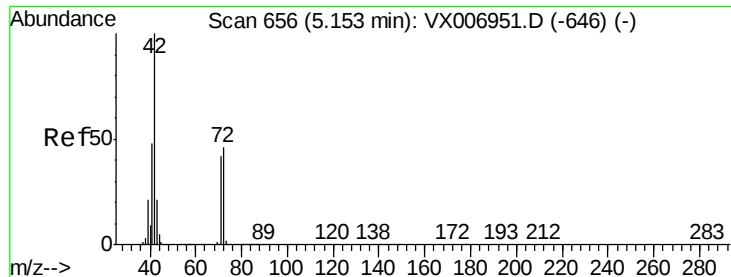


#28

Bromochloromethane
Concen: 48.737 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.1	77.7	116.5





#29

Tetrahydrofuran

Concen: 253.099 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

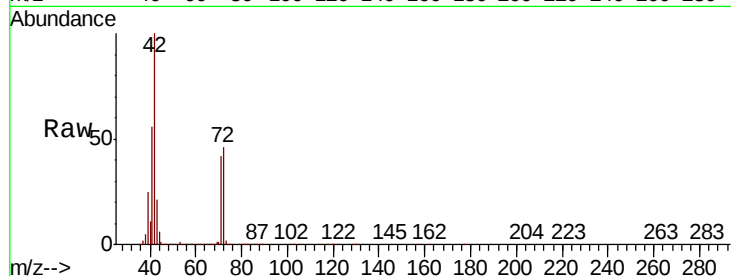
Tgt Ion: 42 Resp: 614817

Ion Ratio Lower Upper

42 100

72 46.9 38.9 58.3

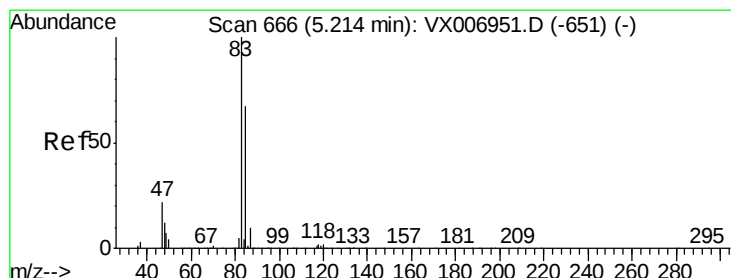
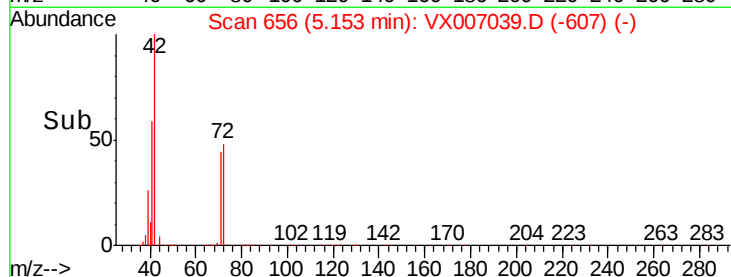
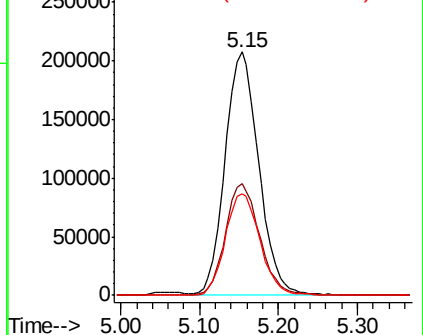
71 43.1 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.948 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007039.D

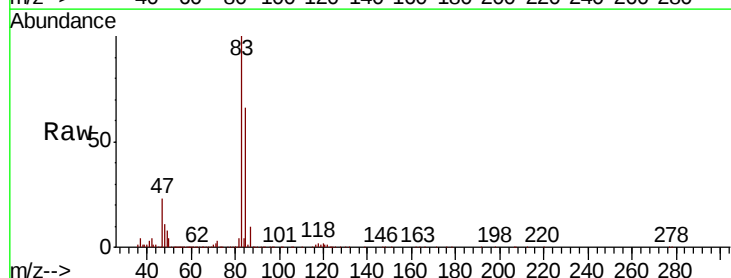
Acq: 14 Jan 2019 15:09

Tgt Ion: 83 Resp: 437825

Ion Ratio Lower Upper

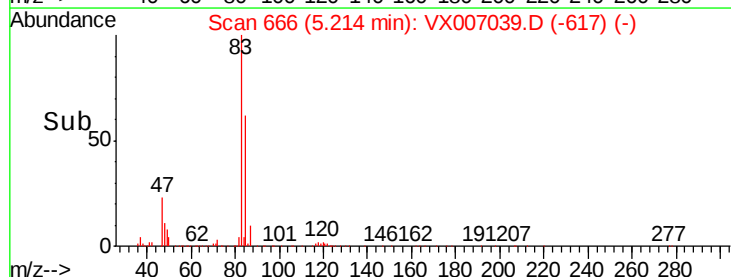
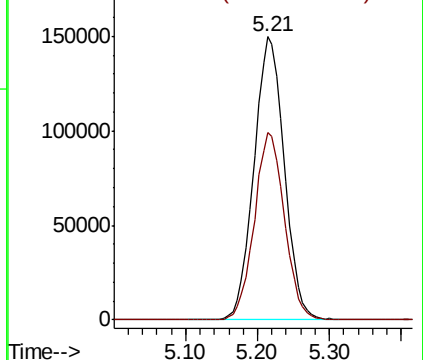
83 100

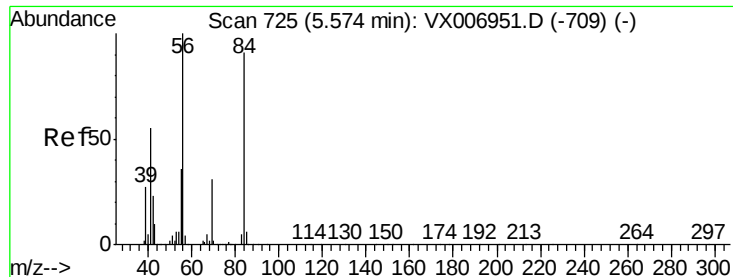
85 66.0 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

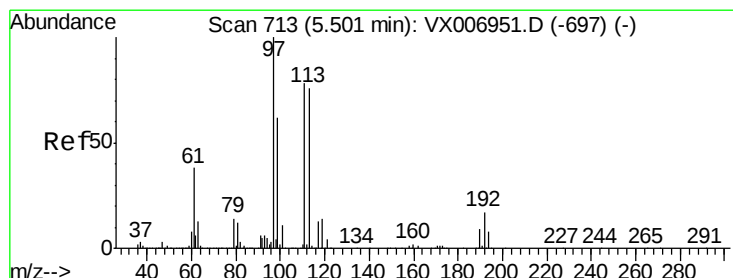
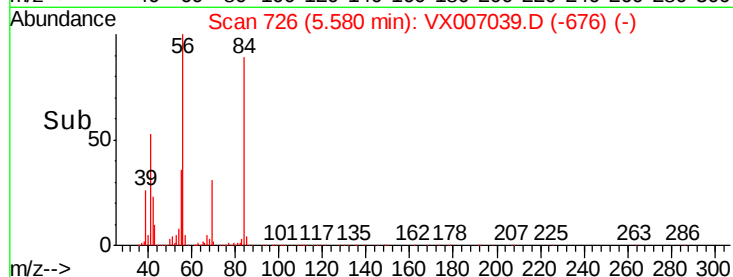
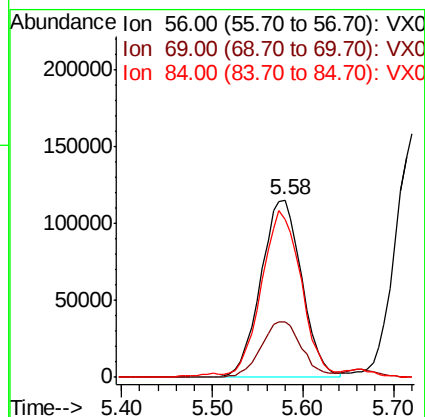
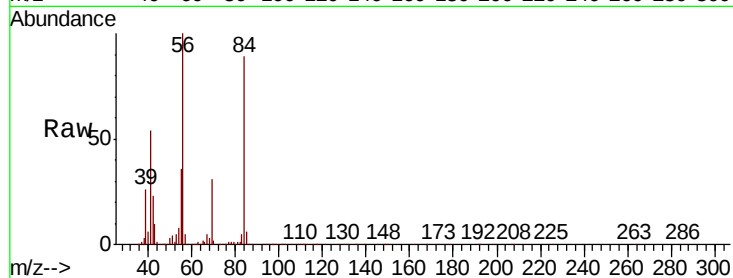




#31
Cyclohexane
Concen: 48.259 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

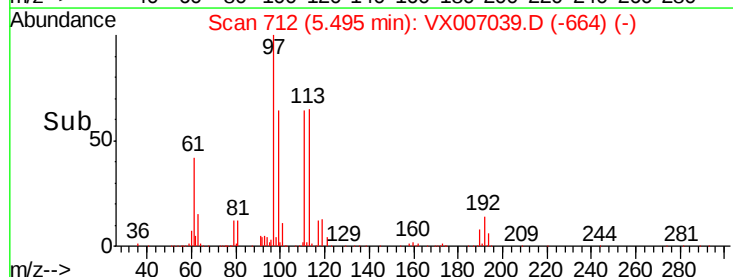
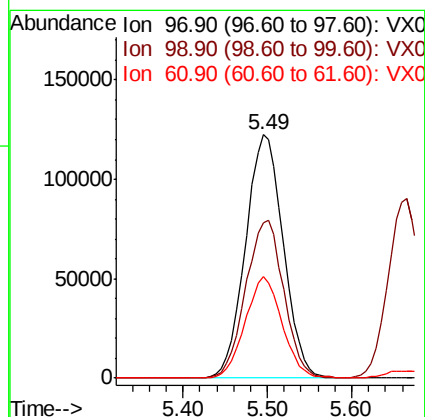
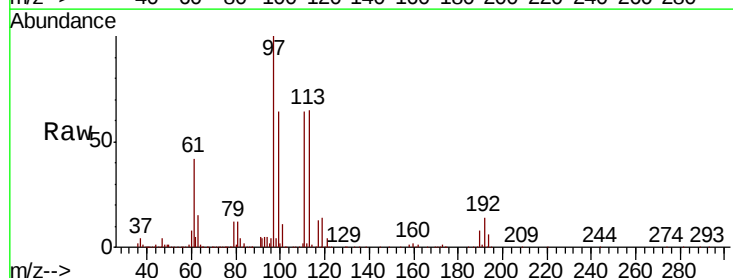
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

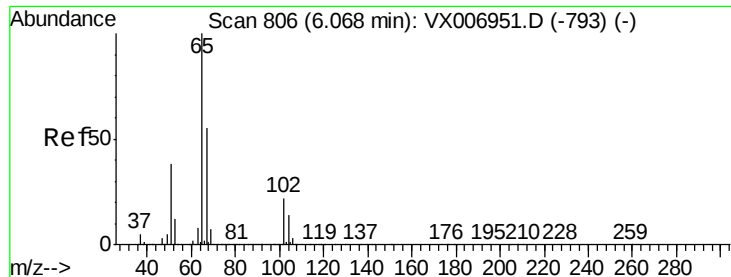
Tgt Ion: 56 Resp: 359602
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 88.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.085 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion: 97 Resp: 372120
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 40.6 31.3 46.9

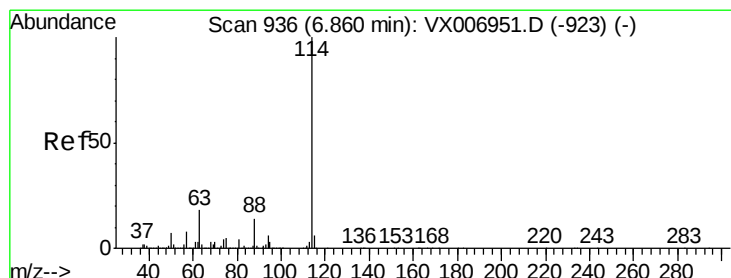
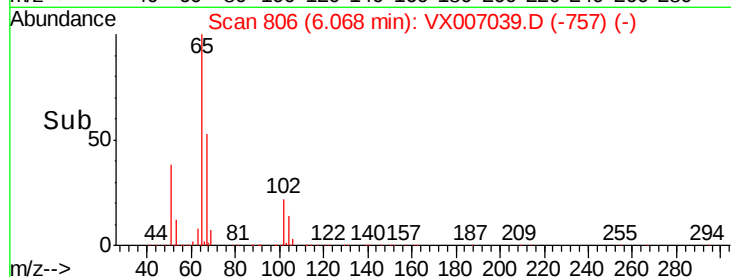
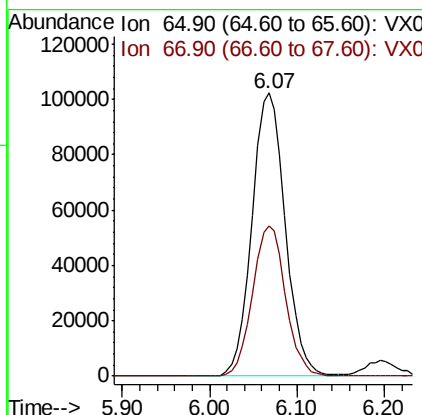
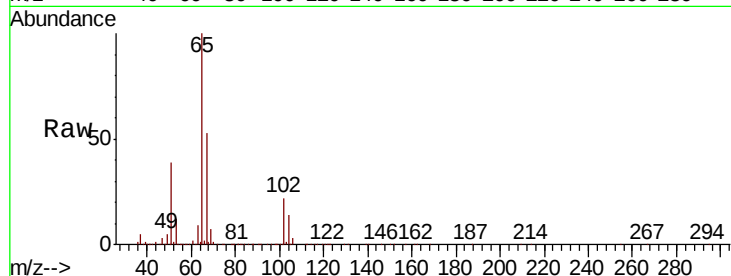




#33
 1,2-Dichloroethane-d4
 Concen: 50.968 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

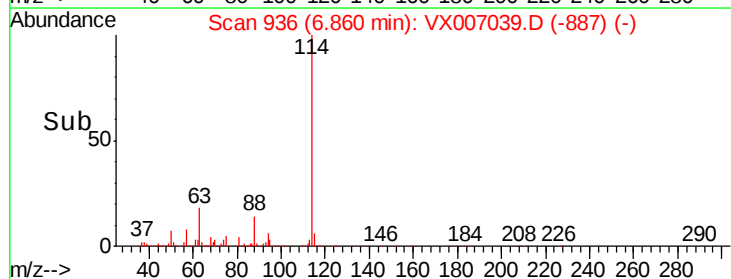
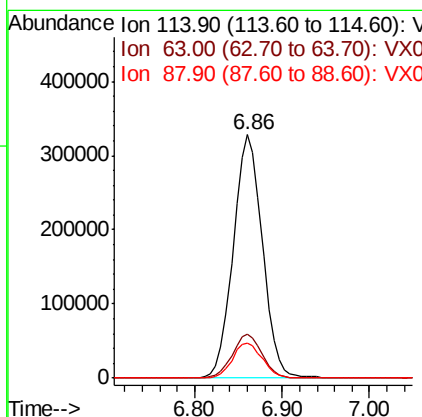
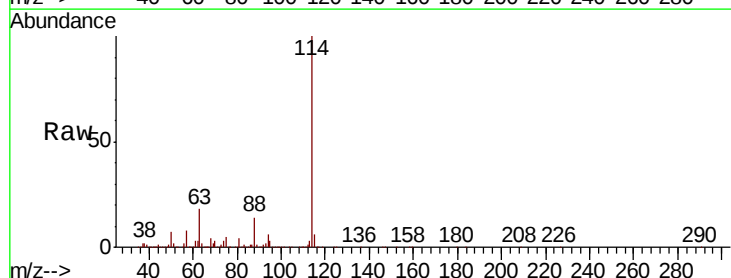
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

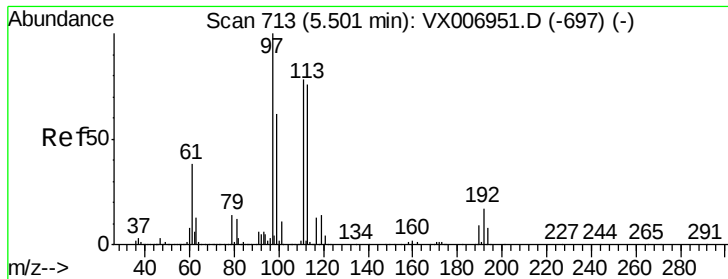
Tgt Ion: 65 Resp: 269325
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion: 114 Resp: 759495
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

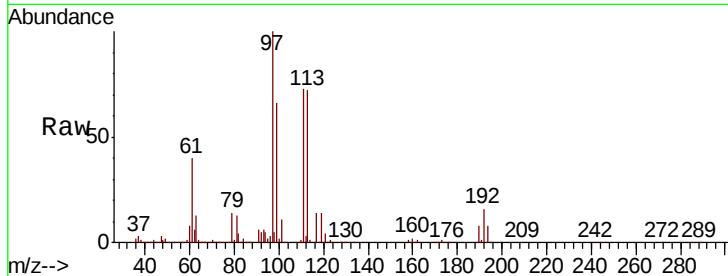
Tgt Ion:113 Resp: 244293

Ion Ratio Lower Upper

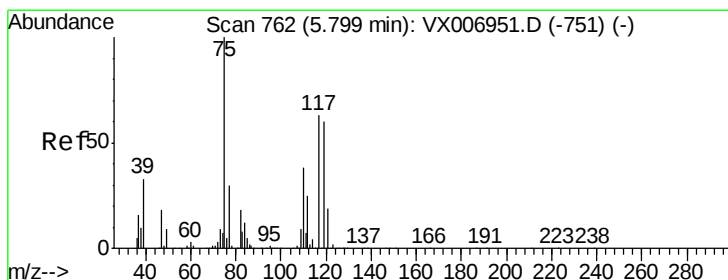
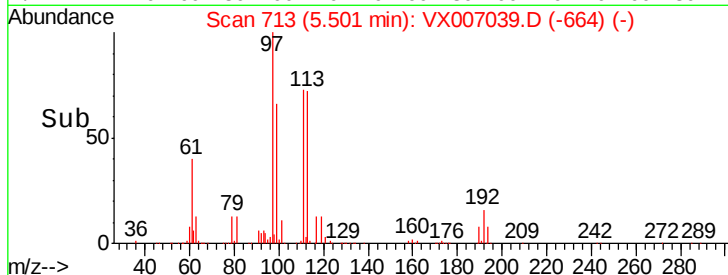
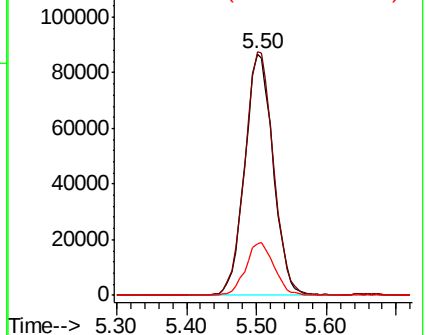
113 100

111 101.9 81.6 122.4

192 22.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.647 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

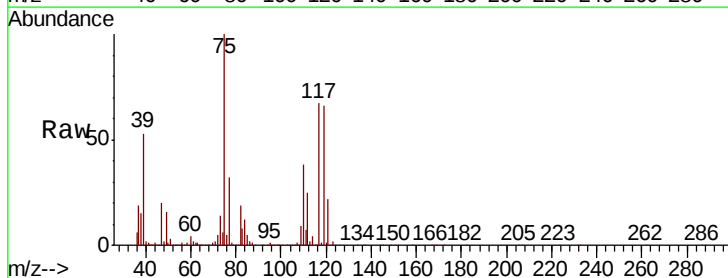
Tgt Ion: 75 Resp: 314620

Ion Ratio Lower Upper

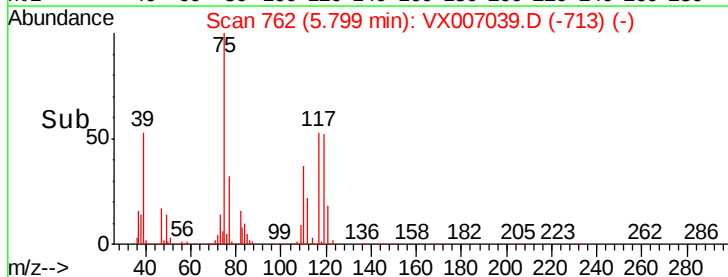
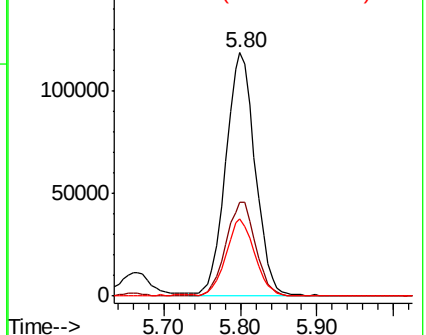
75 100

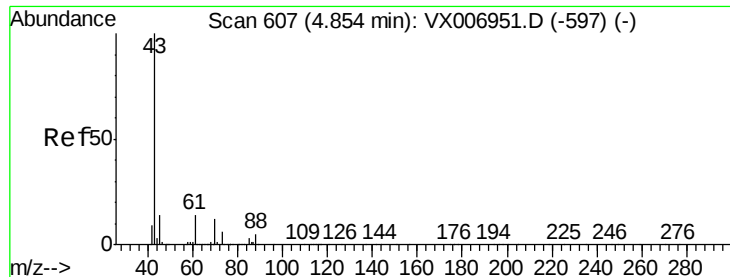
110 39.1 20.2 60.5

77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

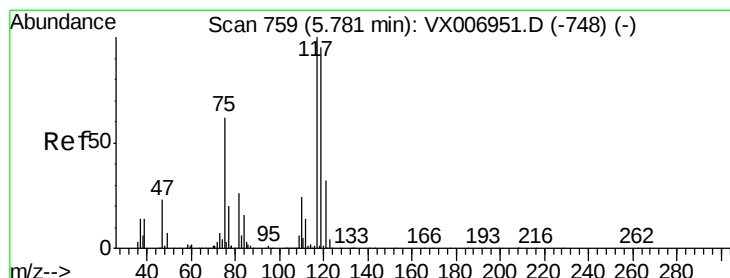
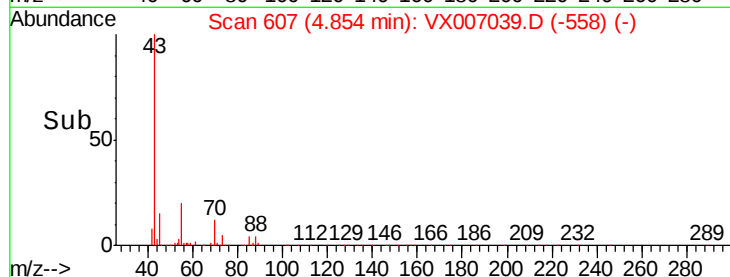
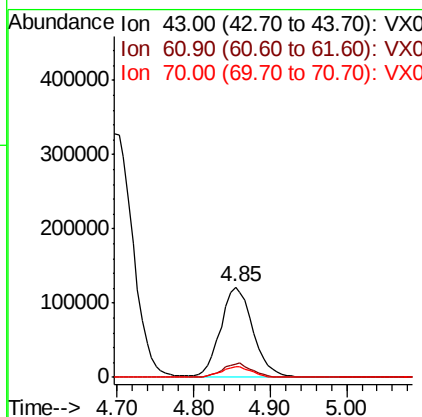
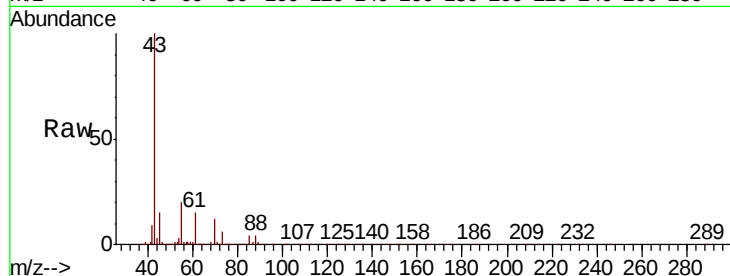




#37
Ethyl Acetate
Concen: 50.032 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

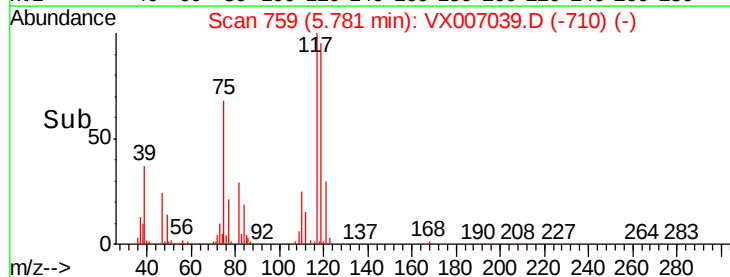
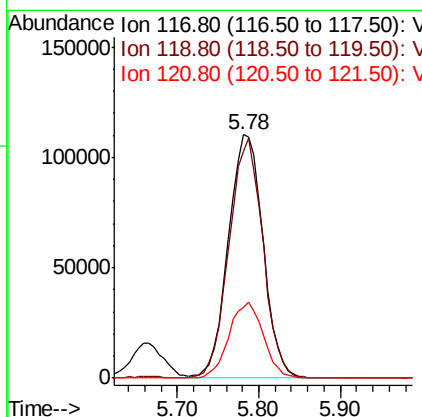
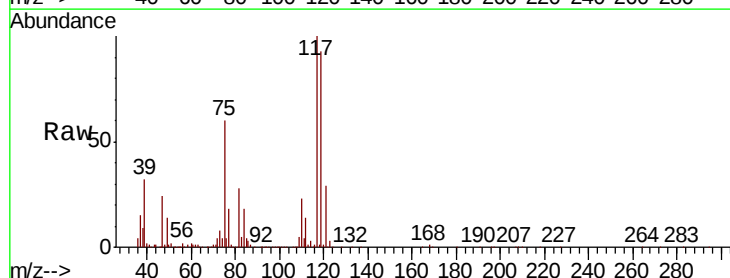
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

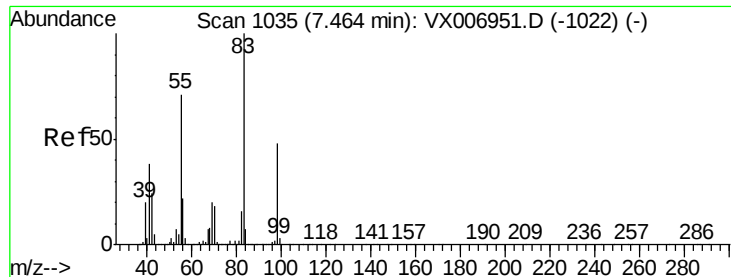
Tgt Ion: 43 Resp: 354189
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.678 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion: 117 Resp: 323397
Ion Ratio Lower Upper
117 100
119 93.5 79.4 119.2
121 29.2 24.0 36.0

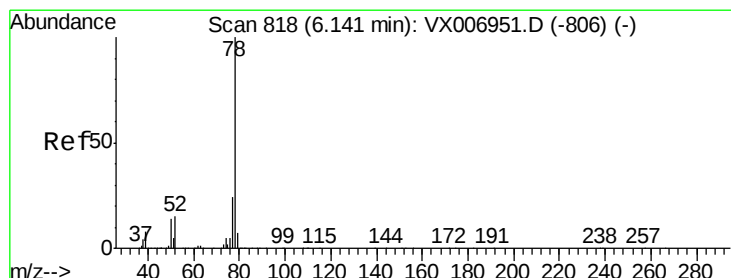
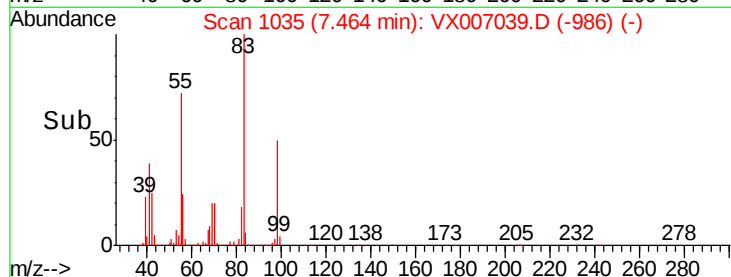
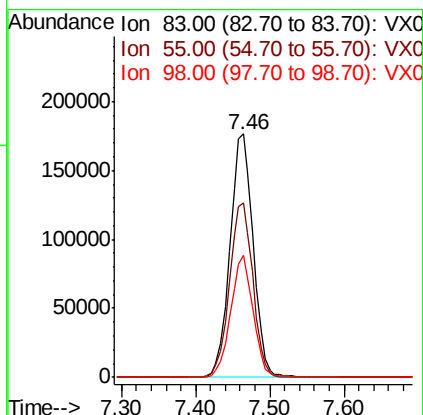
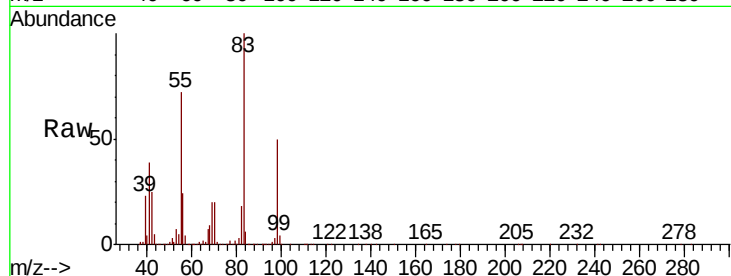




#39
Methylcyclohexane
Concen: 45.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

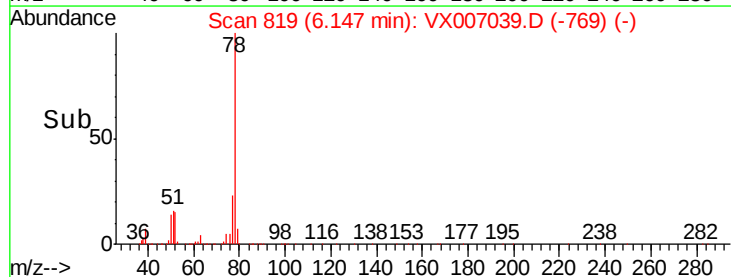
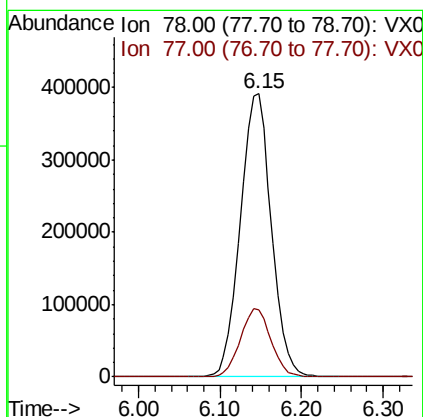
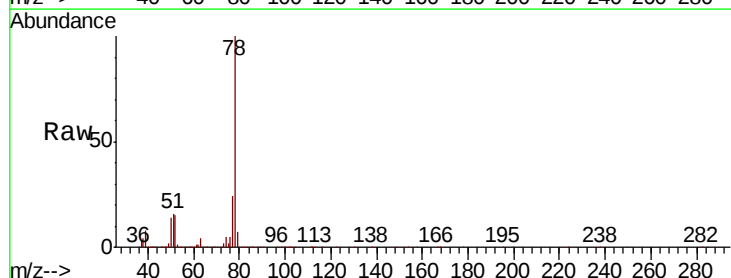
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

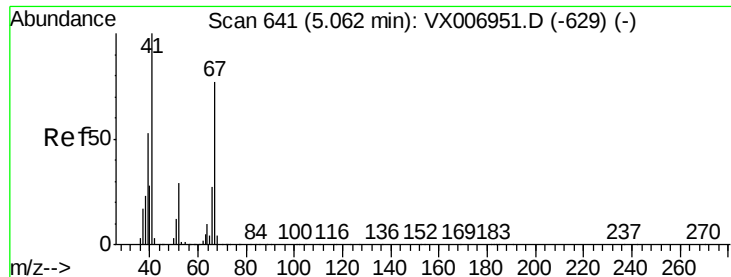
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.7	54.9	82.3
98	49.8	37.9	56.9



#40
Benzene
Concen: 51.276 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 47.904 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tgt Ion: 41 Resp: 195360

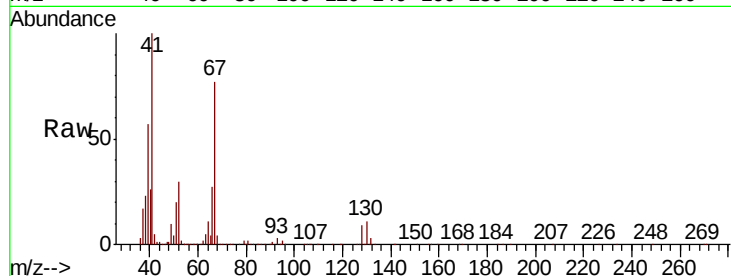
Ion Ratio Lower Upper

41 100

39 55.2 42.8 64.2

67 76.7 62.1 93.1

52 28.9 23.4 35.0

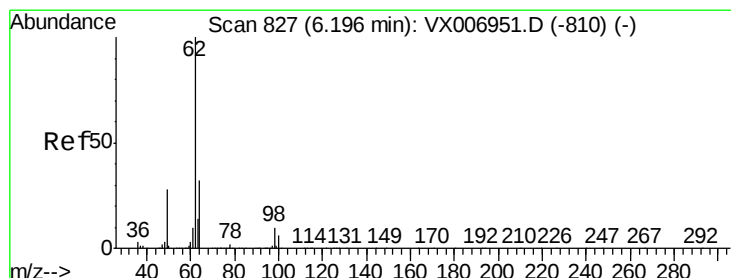
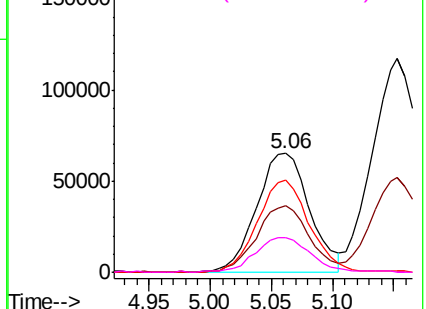
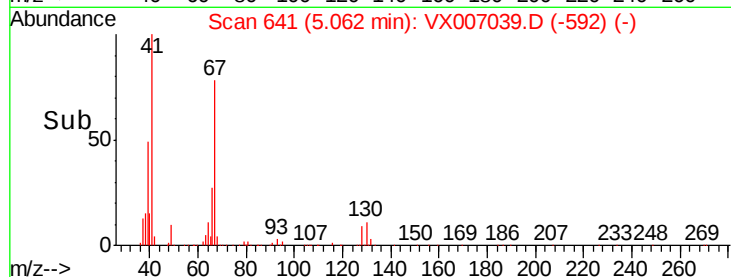


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.127 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007039.D

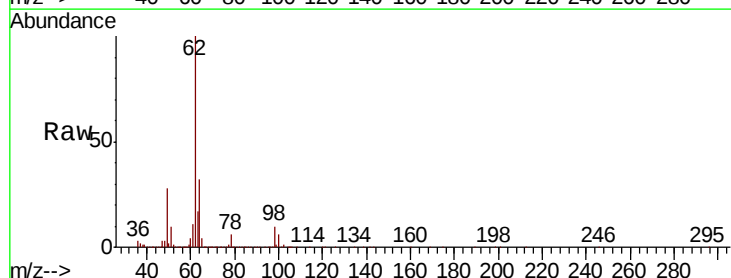
Acq: 14 Jan 2019 15:09

Tgt Ion: 62 Resp: 342047

Ion Ratio Lower Upper

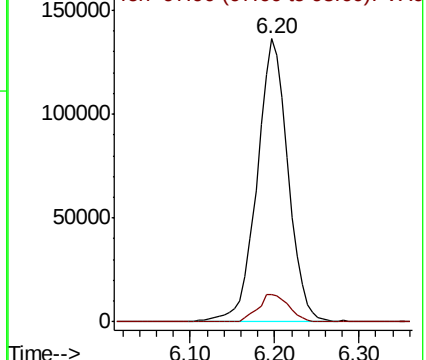
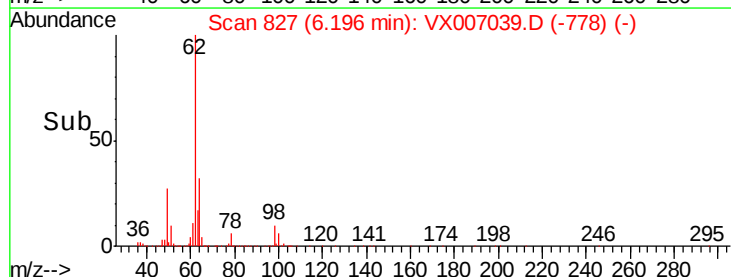
62 100

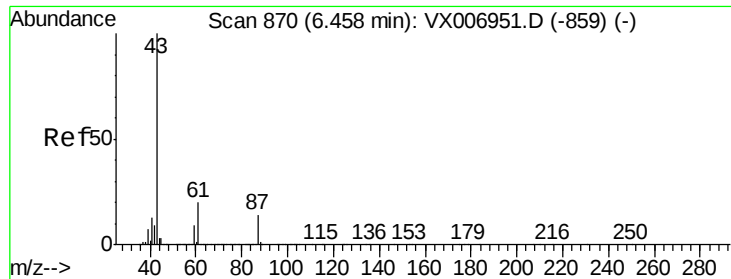
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.630 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

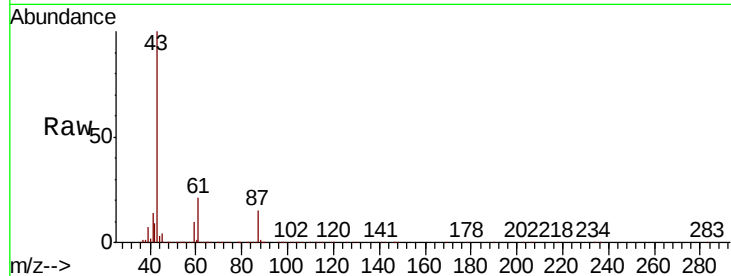
Tgt Ion: 43 Resp: 565355

Ion Ratio Lower Upper

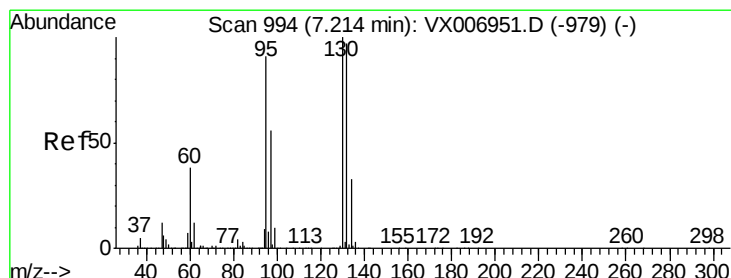
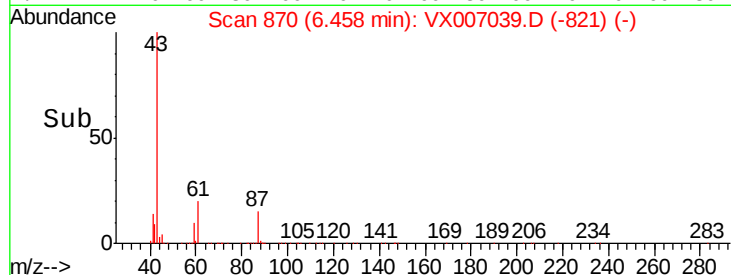
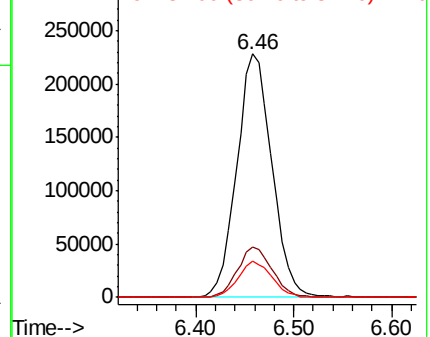
43 100

61 20.6 16.8 25.2

87 14.5 12.4 18.6



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



#44

Trichloroethene

Concen: 47.084 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007039.D

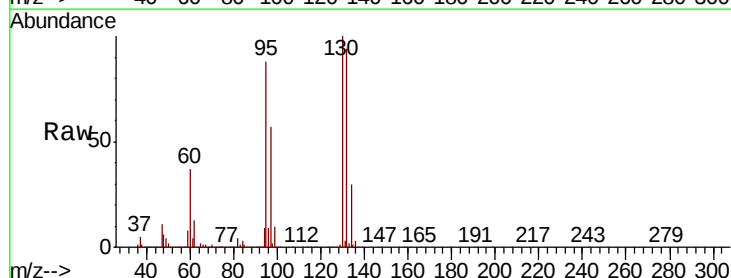
Acq: 14 Jan 2019 15:09

Tgt Ion: 130 Resp: 284279

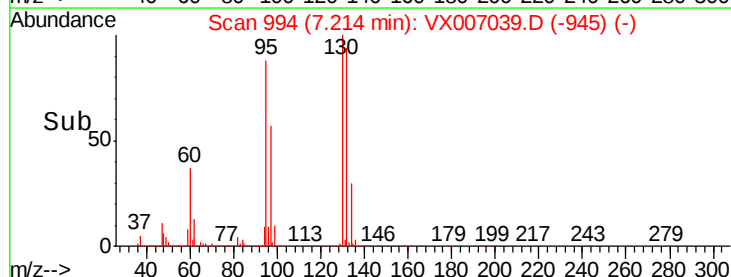
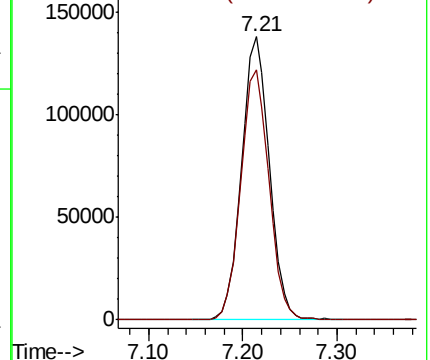
Ion Ratio Lower Upper

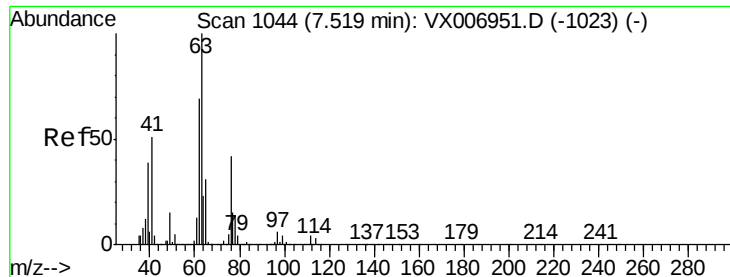
130 100

95 88.2 0.0 187.0



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





#45

1,2-Dichloropropane

Concen: 49.310 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

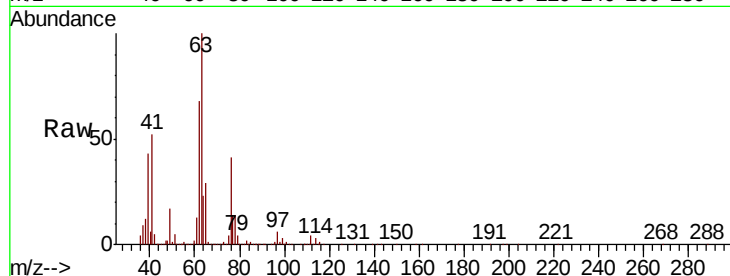
WP022MW359-190109MS

Tgt Ion: 63 Resp: 249774

Ion Ratio Lower Upper

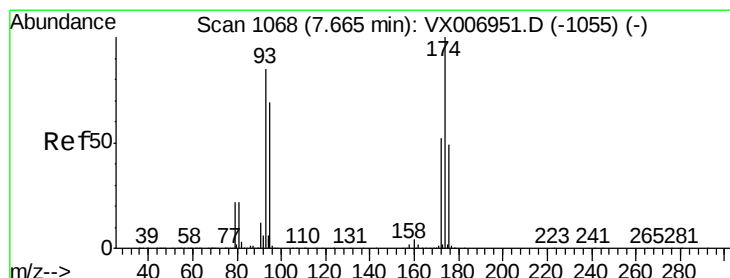
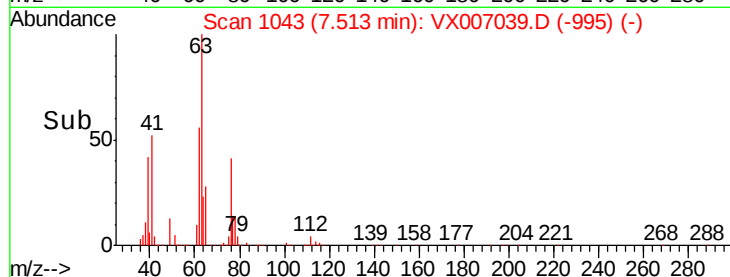
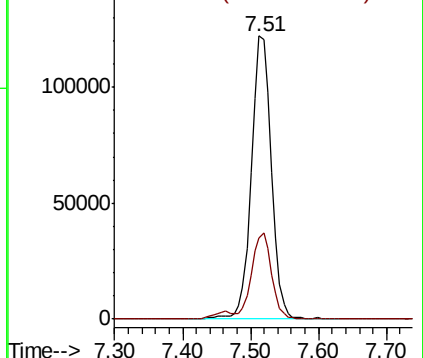
63 100

65 28.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.203 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

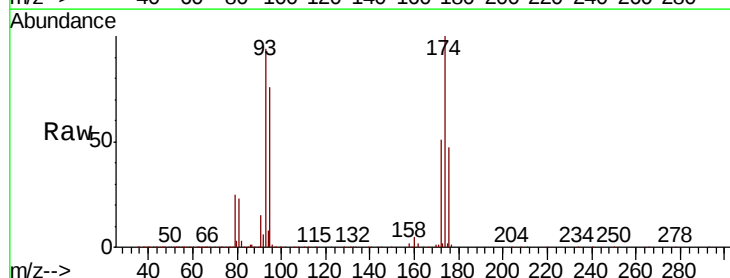
Tgt Ion: 93 Resp: 178720

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

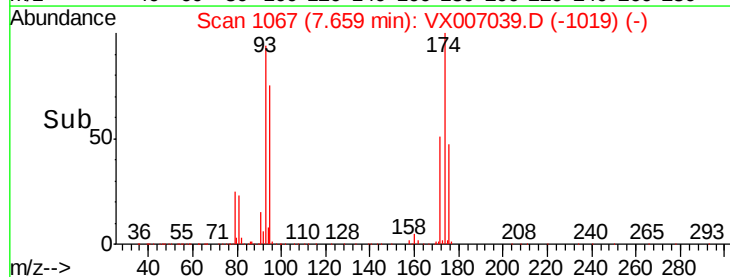
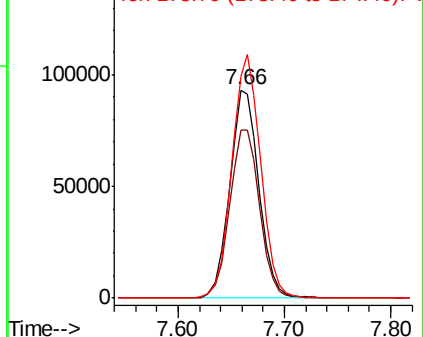
174 115.9 91.0 136.4

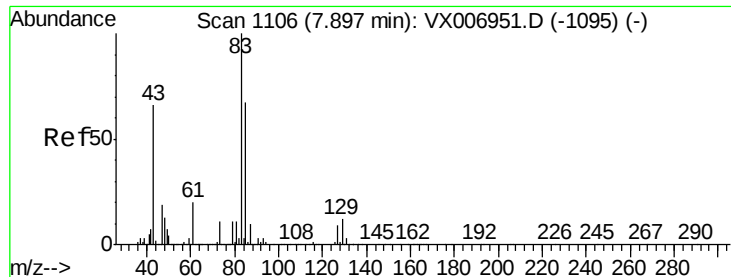


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.760 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

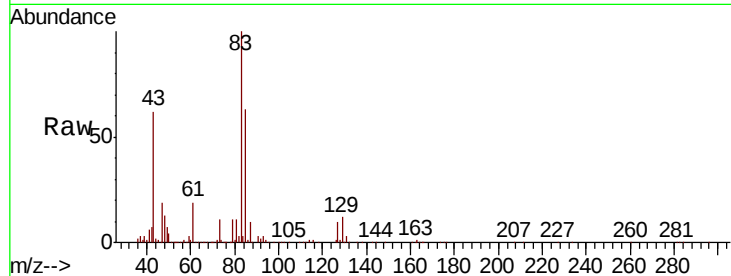
Tgt Ion: 83 Resp: 313643

Ion Ratio Lower Upper

83 100

85 63.0 53.2 79.8

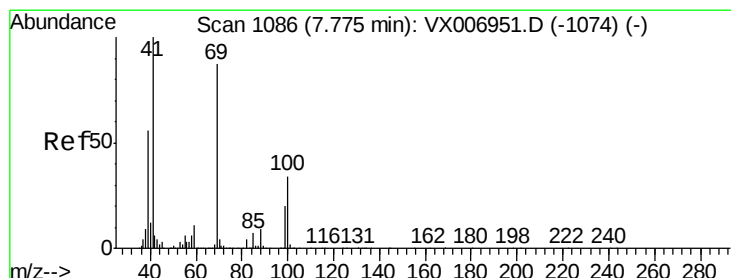
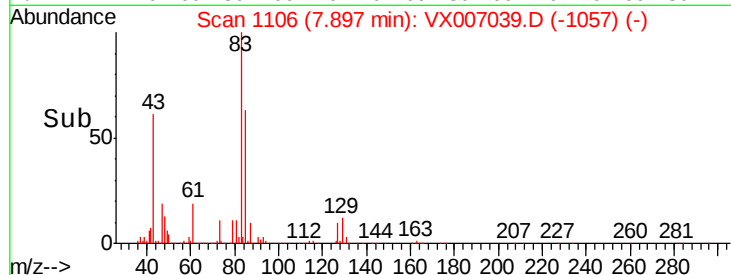
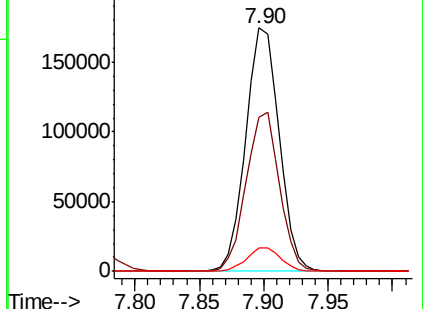
127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.132 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

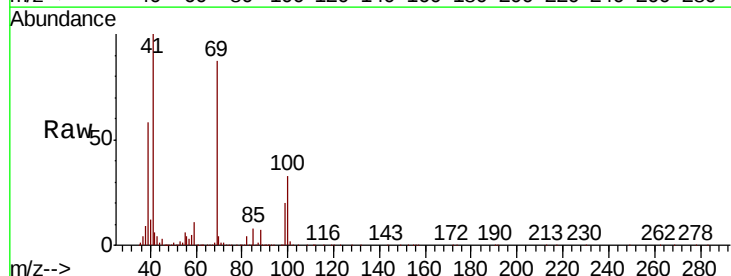
Tgt Ion: 41 Resp: 293215

Ion Ratio Lower Upper

41 100

69 88.3 72.4 108.6

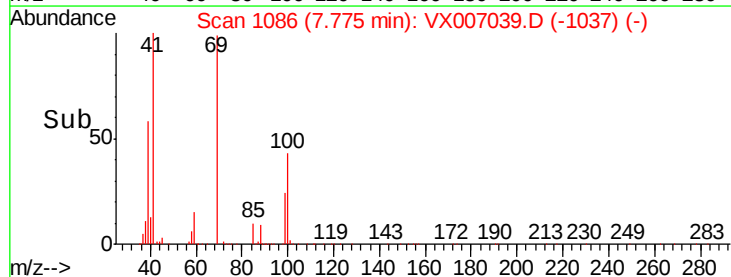
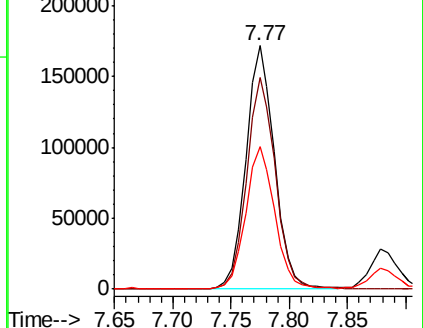
39 59.3 45.8 68.8

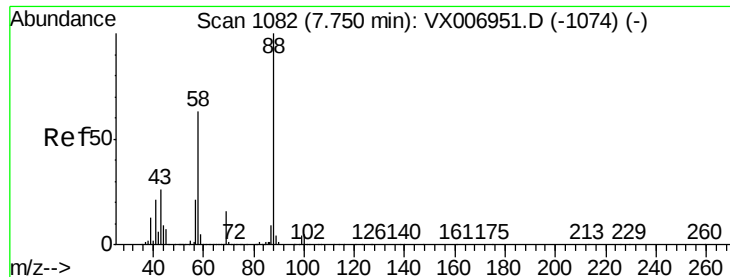


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

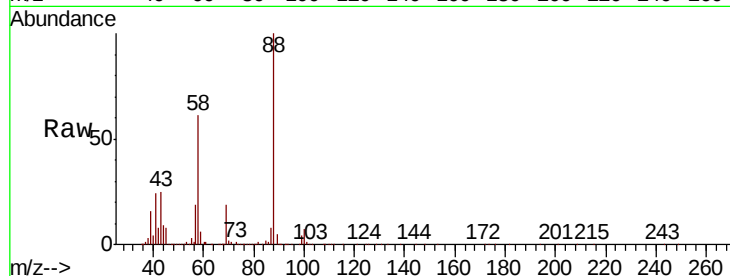




#49
1,4-Dioxane
Concen: 884.747 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.8	22.2	33.4
58	65.3	51.0	76.4

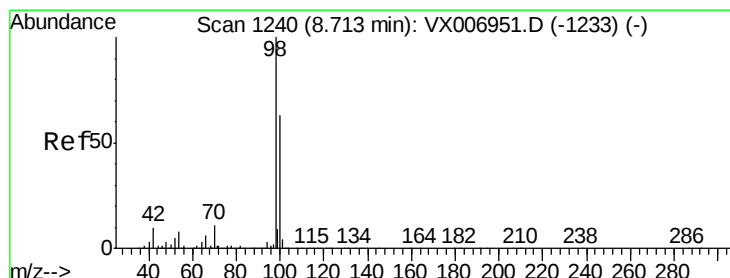
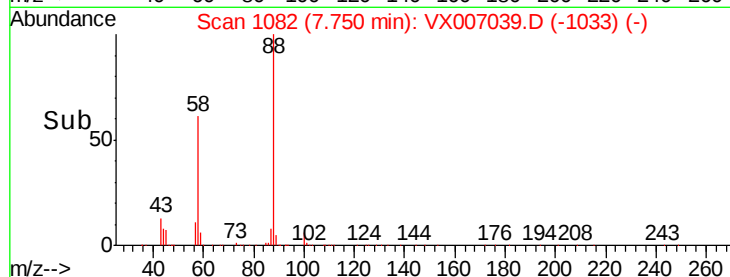
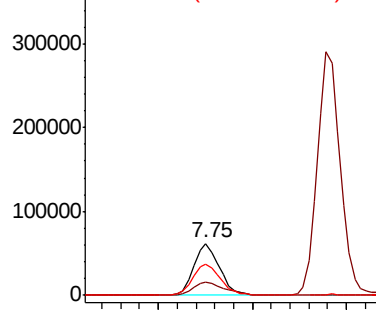


Abundance

Ion 88.00 (87.70 to 88.70): VX0

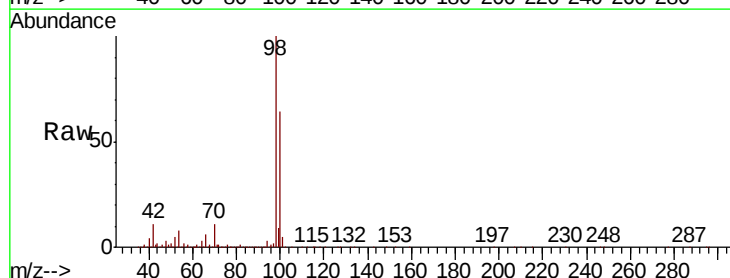
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

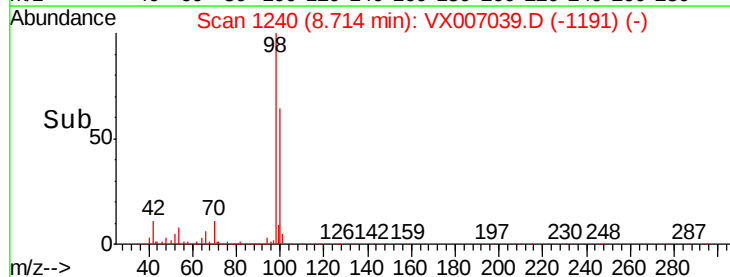
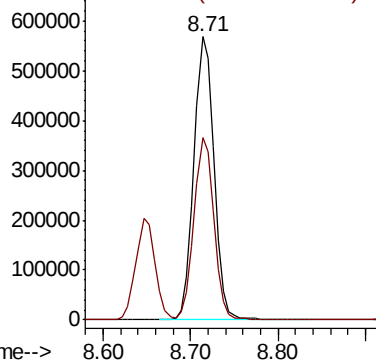
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

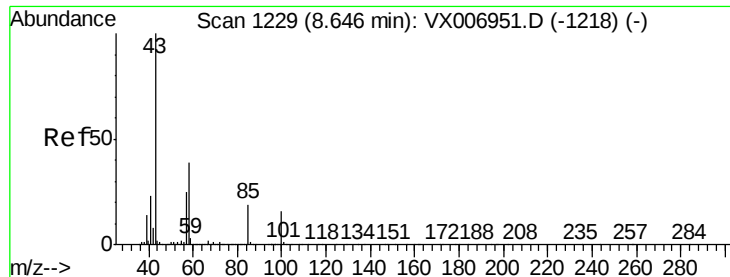


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

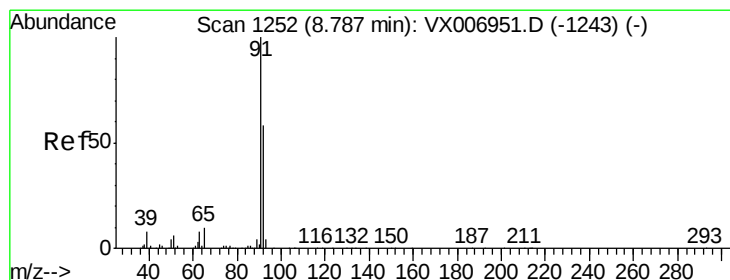
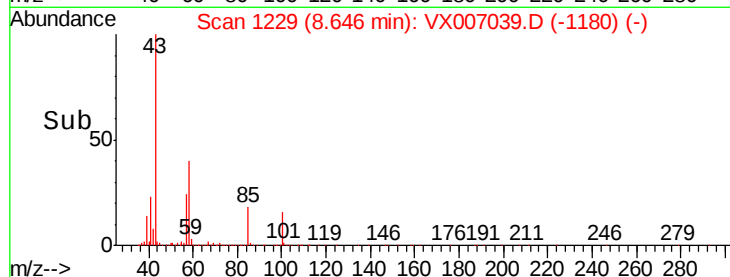
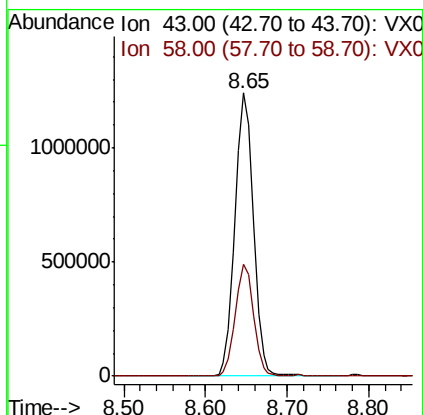
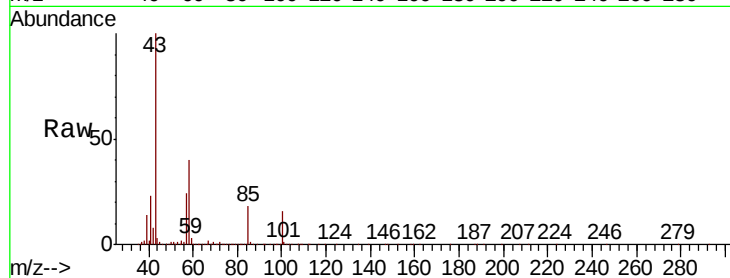




#51
4-Methyl-2-Pentanone
Concen: 267.614 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

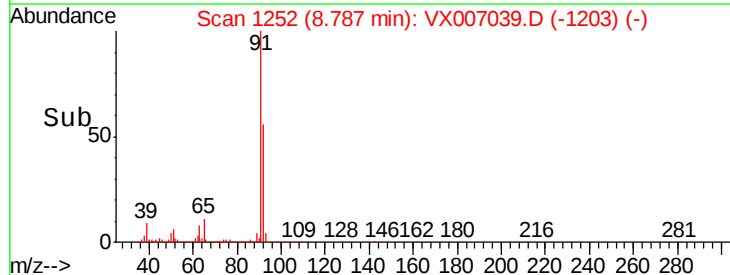
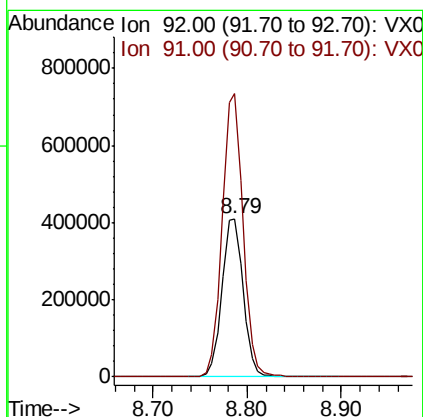
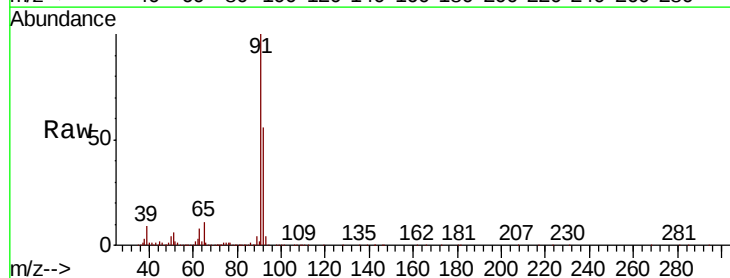
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

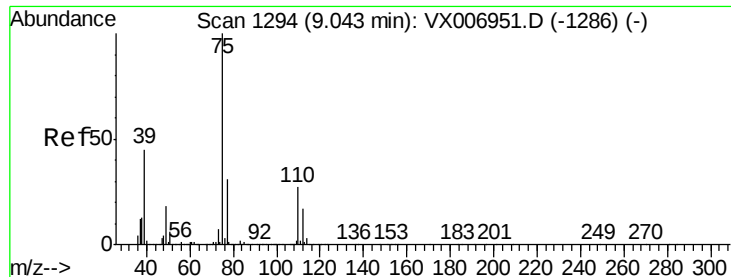
Tgt Ion: 43 Resp: 1920471
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6



#52
Toluene
Concen: 49.498 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Tgt Ion: 92 Resp: 640999
Ion Ratio Lower Upper
92 100
91 175.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.935 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

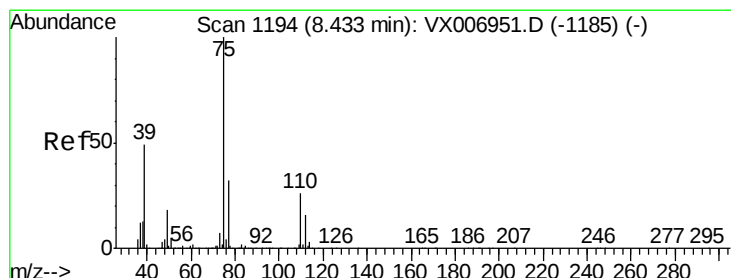
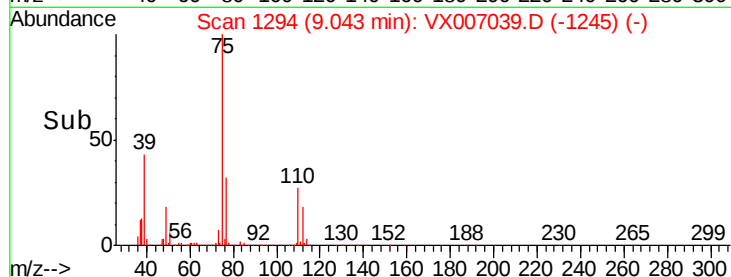
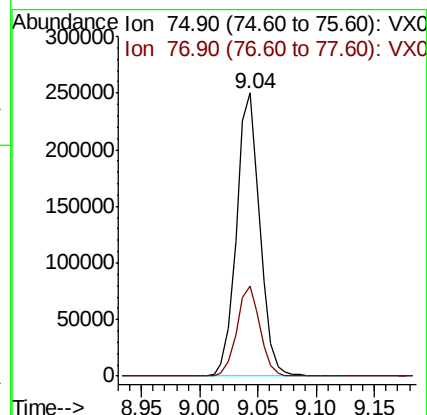
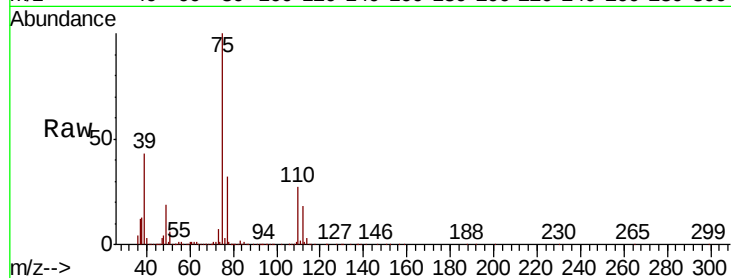
WP022MW359-190109MS

Tgt Ion: 75 Resp: 348964

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.361 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

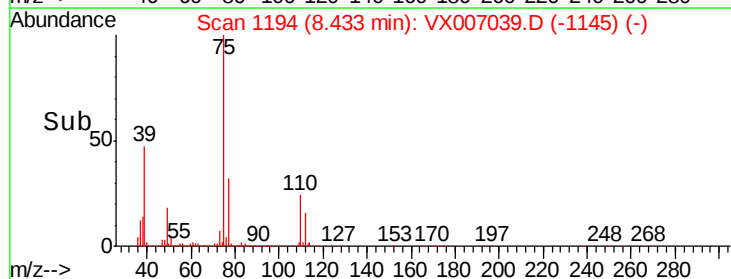
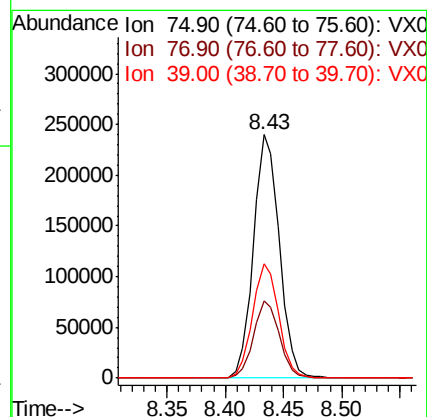
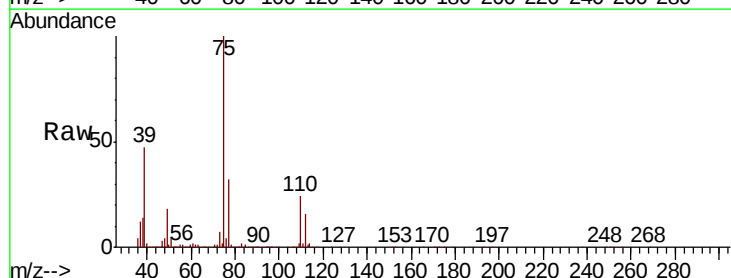
Tgt Ion: 75 Resp: 373698

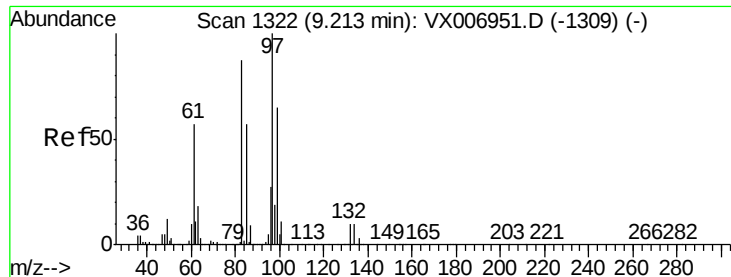
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 46.8 36.7 55.1

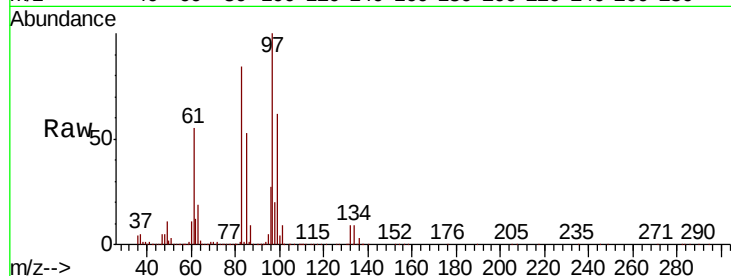




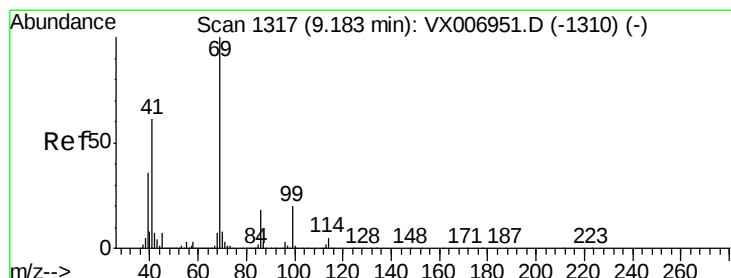
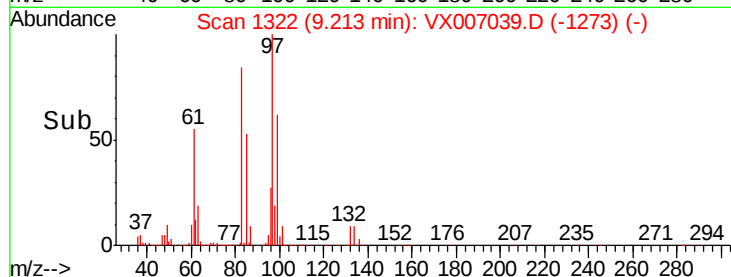
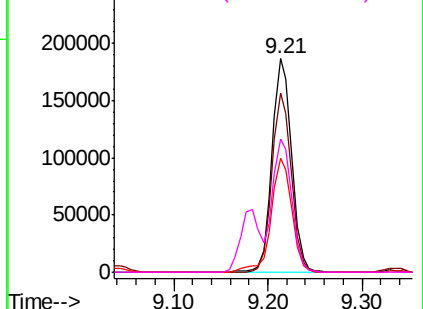
#55
 1,1,2-Trichloroethane
 Concen: 52.400 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tgt Ion:	97	Resp:	271609
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.6	99.8
85	53.3	42.7	64.1
99	62.4	50.8	76.2

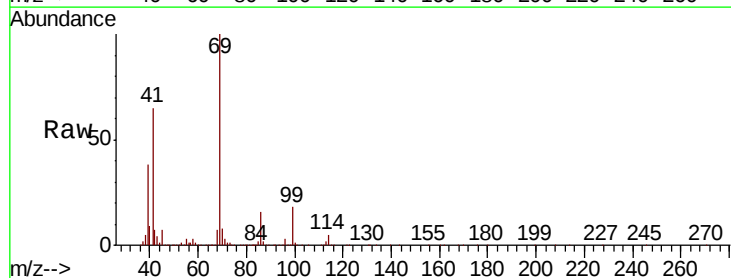


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

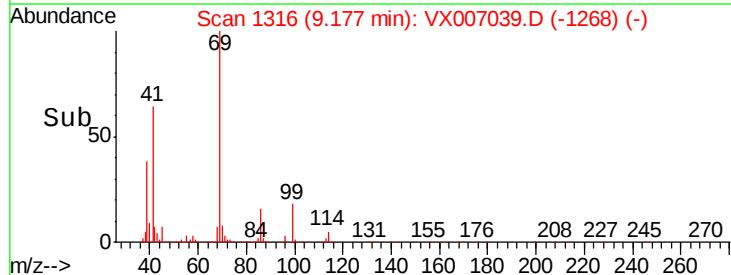
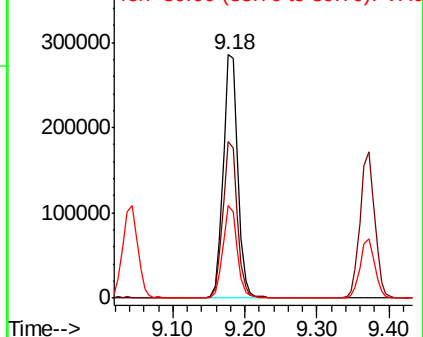


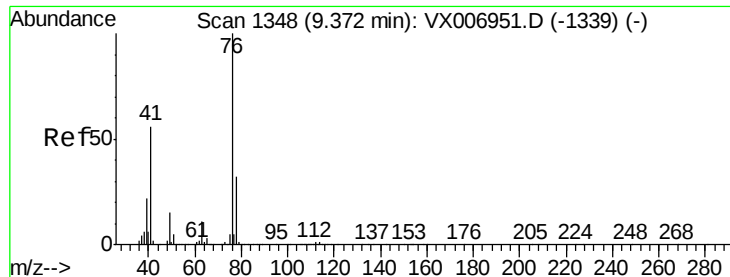
#56
 Ethyl methacrylate
 Concen: 53.419 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion:	69	Resp:	404228
Ion	Ratio	Lower	Upper
69	100		
41	63.4	48.7	73.1
39	37.1	27.0	40.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.168 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

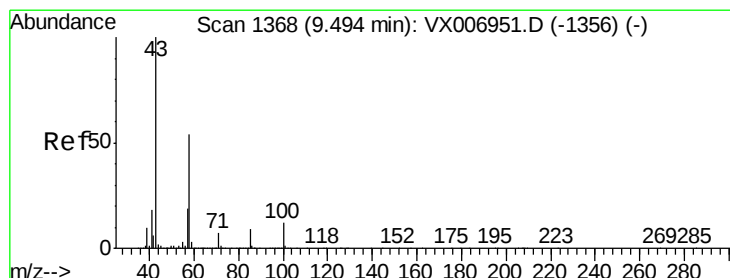
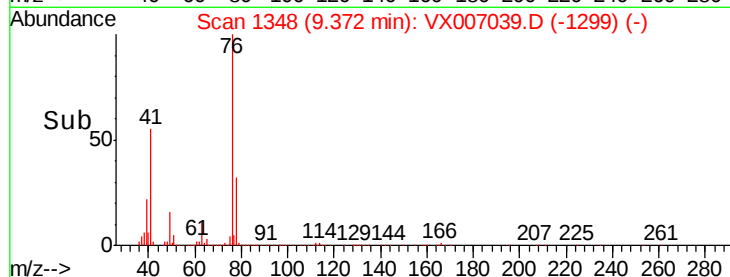
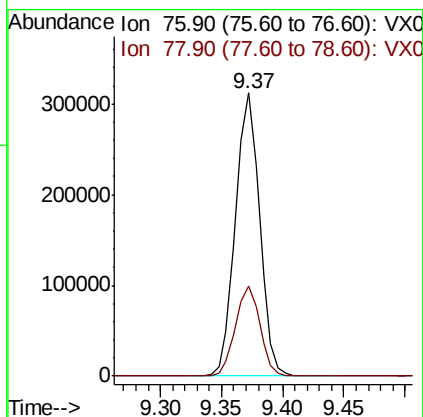
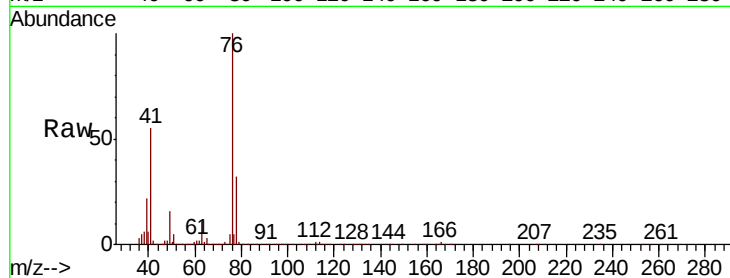
WP022MW359-190109MS

Tgt Ion: 76 Resp: 426022

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#59

2-Hexanone

Concen: 263.650 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007039.D

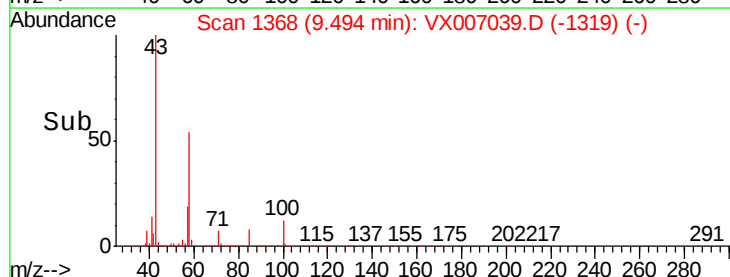
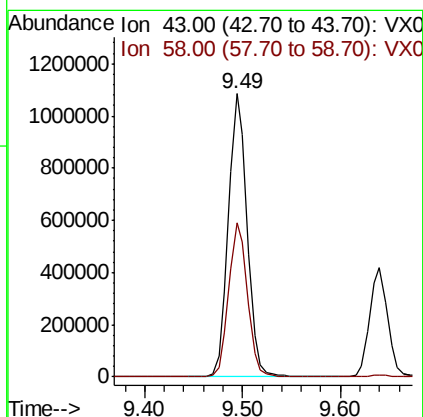
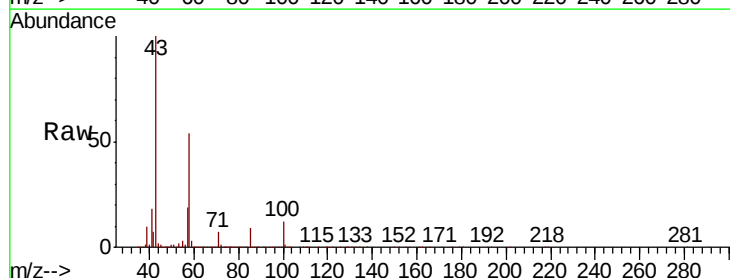
Acq: 14 Jan 2019 15:09

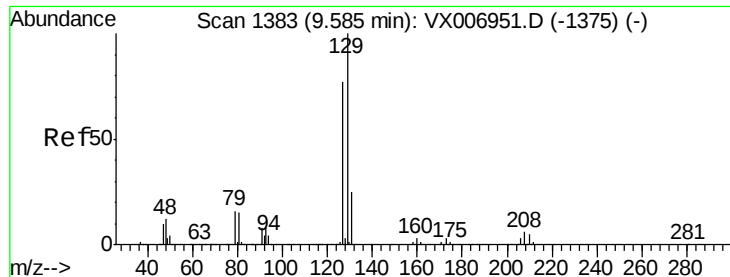
Tgt Ion: 43 Resp: 1441830

Ion Ratio Lower Upper

43 100

58 54.7 27.7 83.1





#60

Dibromochloromethane

Concen: 55.211 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

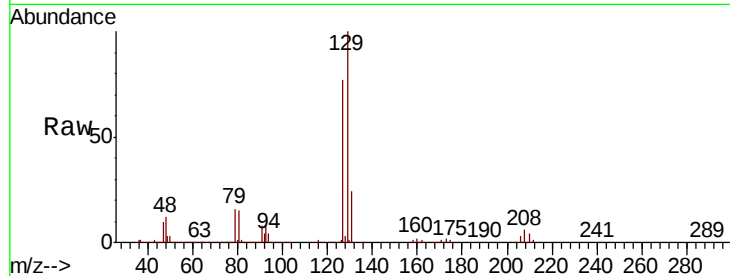
WP022MW359-190109MS

Tgt Ion:129 Resp: 277889

Ion Ratio Lower Upper

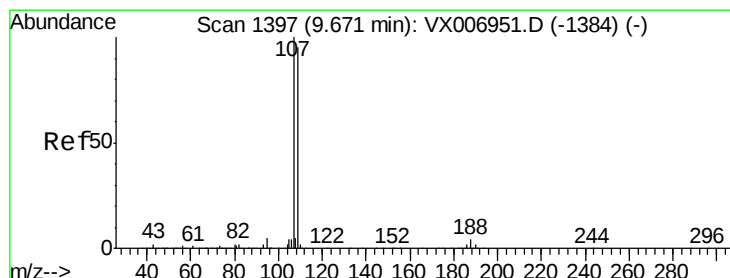
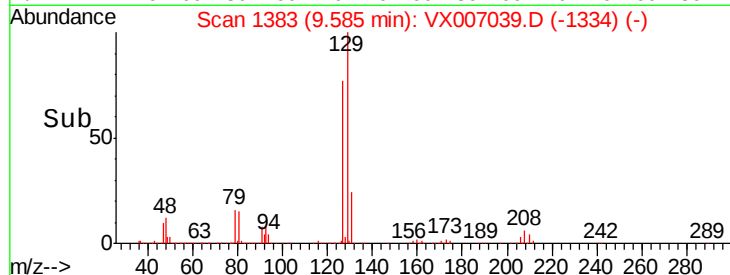
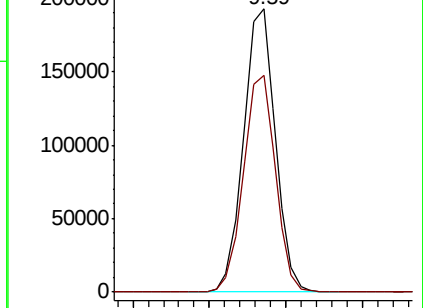
129 100

127 77.3 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.026 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007039.D

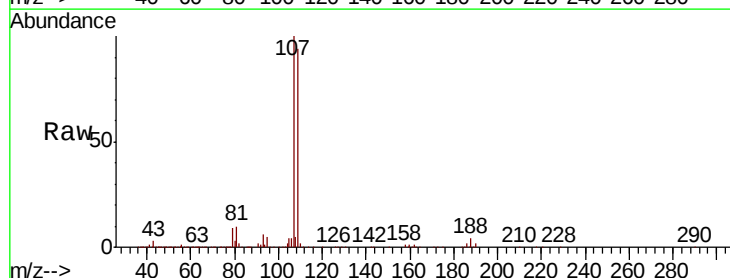
Acq: 14 Jan 2019 15:09

Tgt Ion:107 Resp: 291173

Ion Ratio Lower Upper

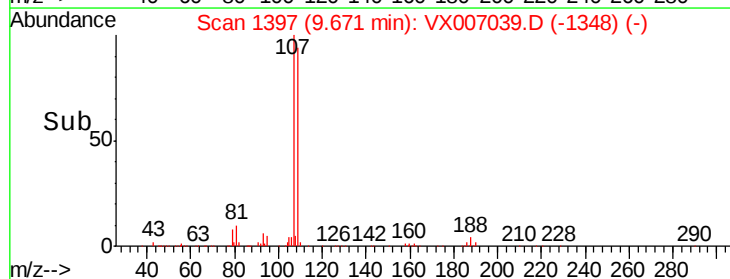
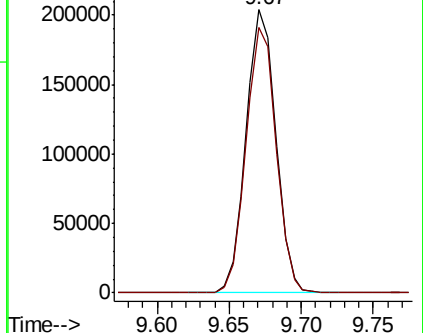
107 100

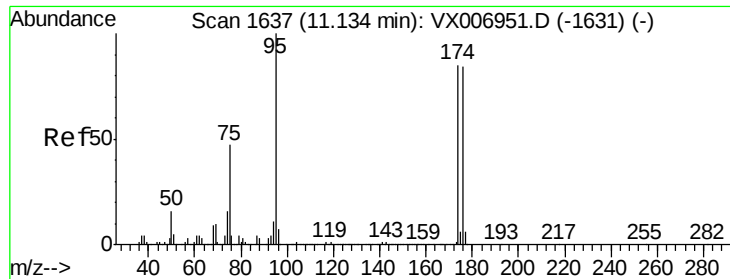
109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.947 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

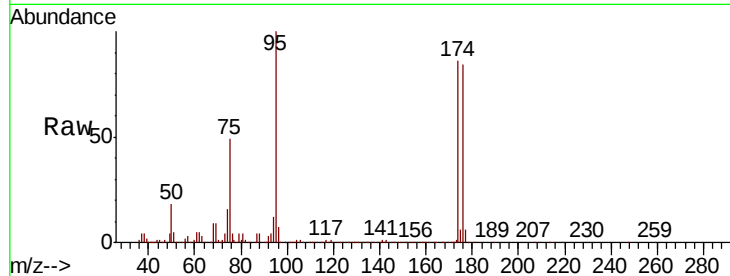
Tgt Ion: 95 Resp: 328614

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

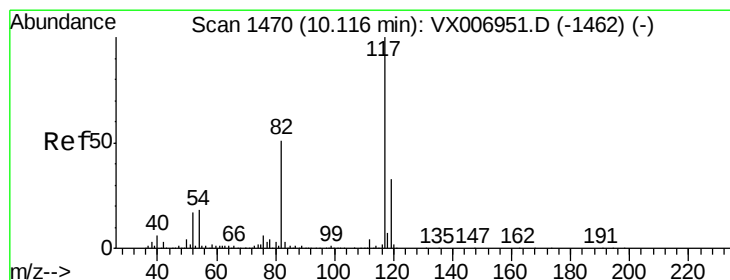
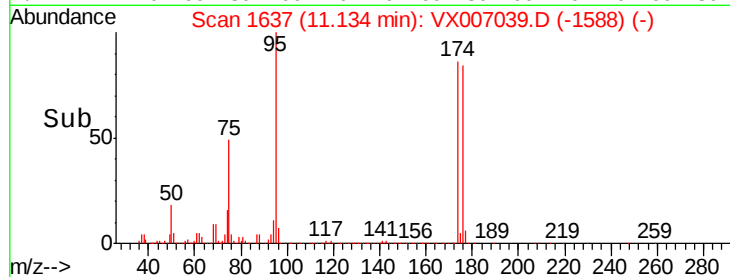
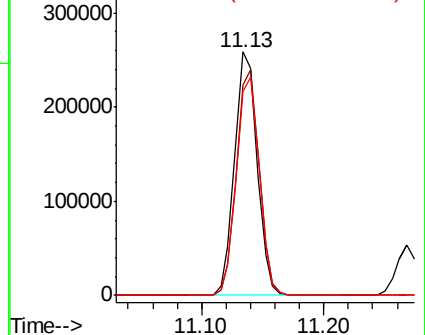
176 91.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

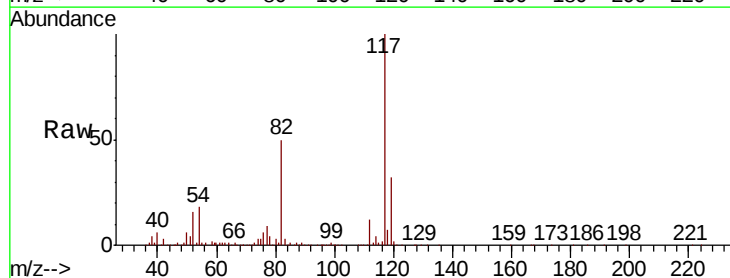
Tgt Ion: 117 Resp: 716025

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

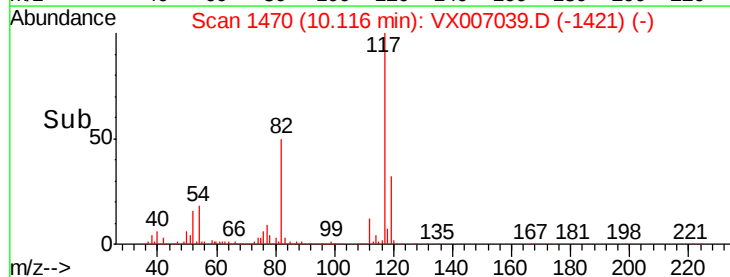
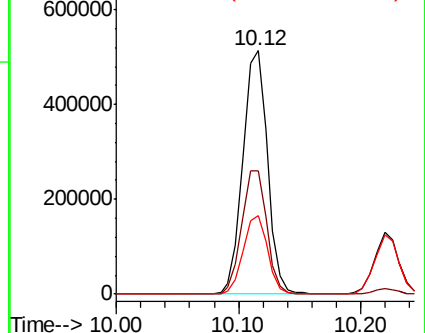
119 32.0 25.4 38.0

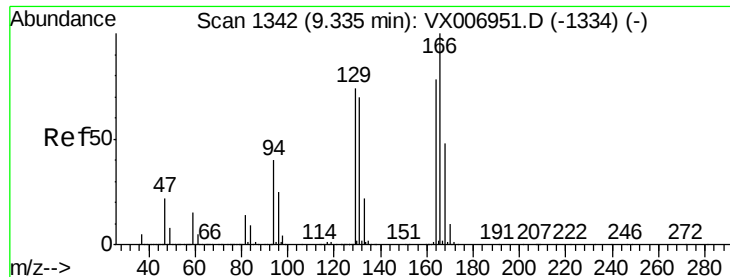


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

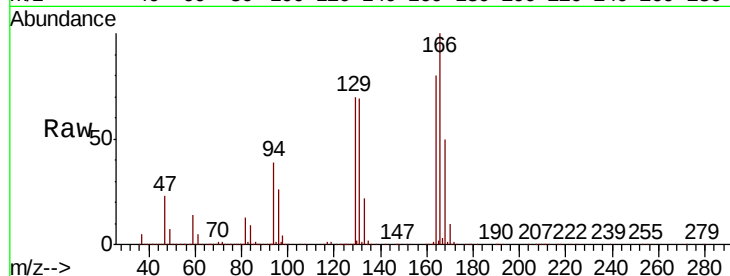




#64
Tetrachloroethene
Concen: 45.011 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MS

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	102.5	153.7
129	87.4	75.1	112.7
131	85.4	72.7	109.1



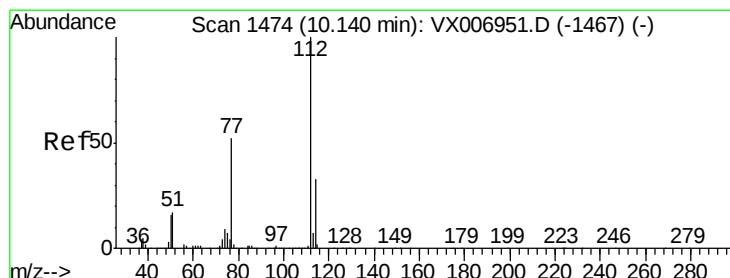
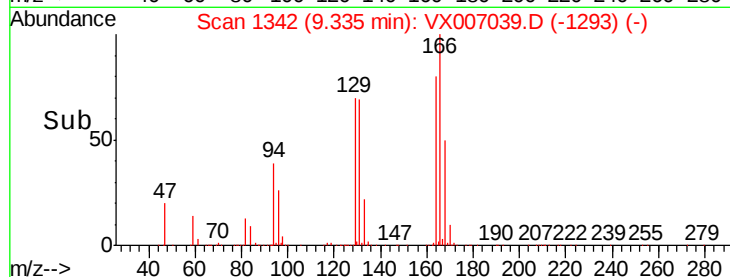
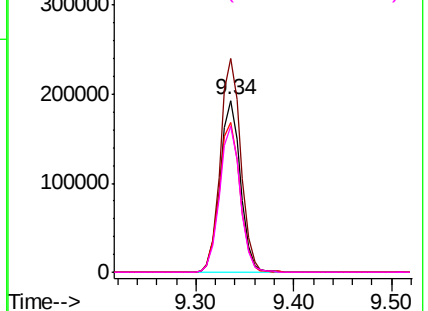
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

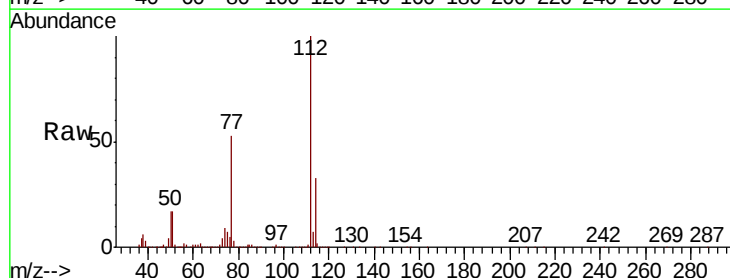
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 174.300 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007039.D
Acq: 14 Jan 2019 15:09

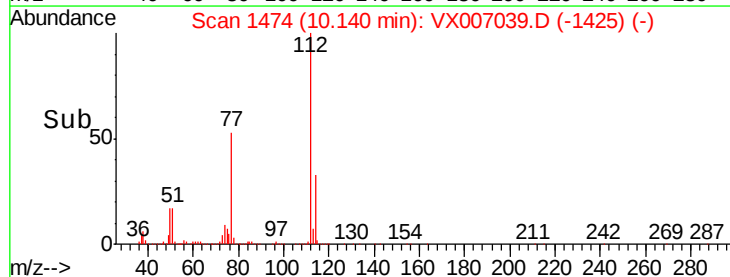
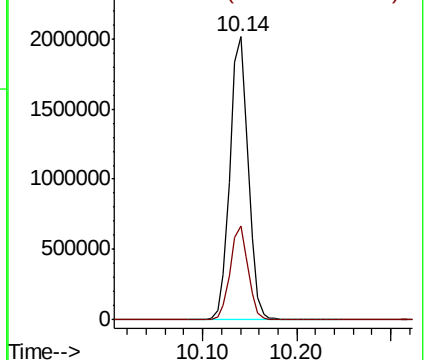
Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

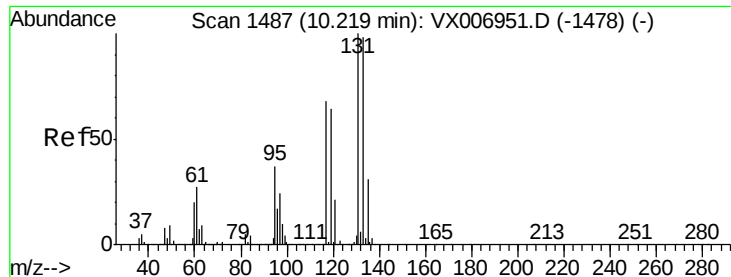


Abundance

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: 50.740 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

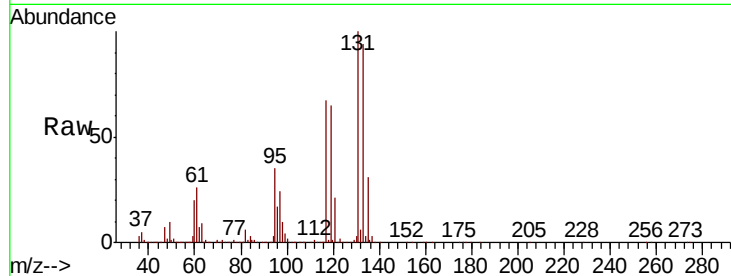
Tgt Ion:131 Resp: 266565

Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

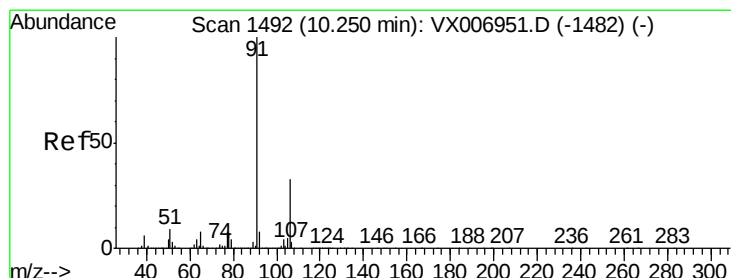
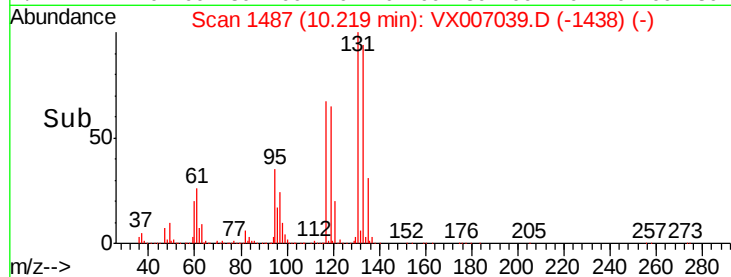
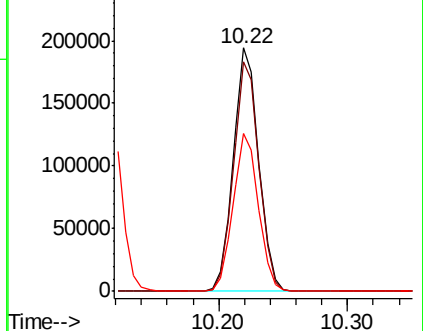
119 64.9 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.570 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007039.D

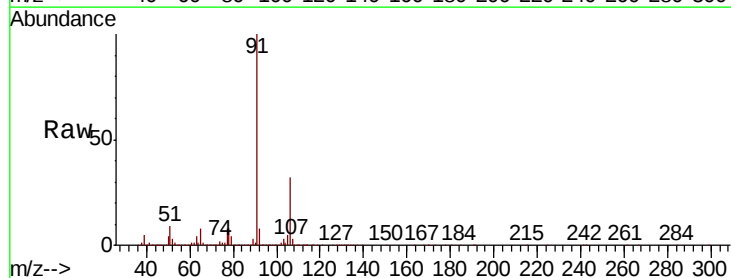
Acq: 14 Jan 2019 15:09

Tgt Ion: 91 Resp: 1226419

Ion Ratio Lower Upper

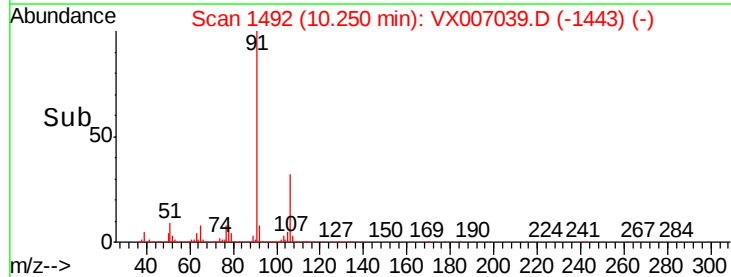
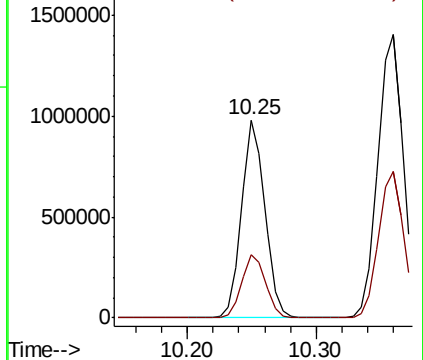
91 100

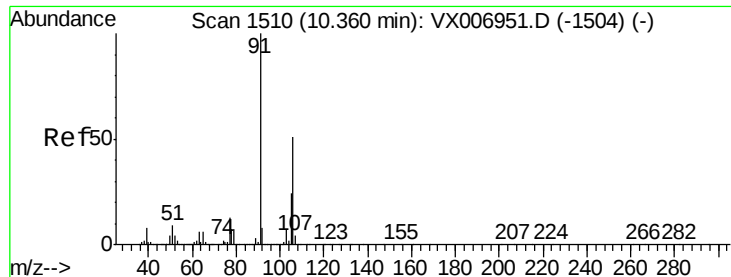
106 32.0 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 96.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

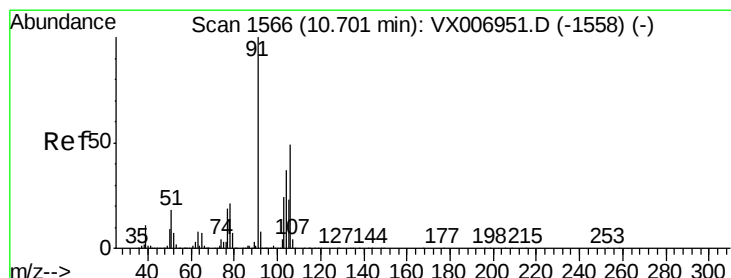
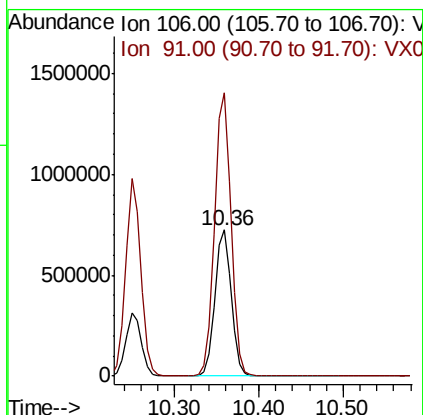
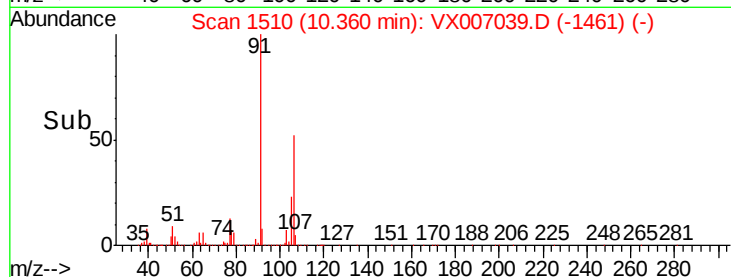
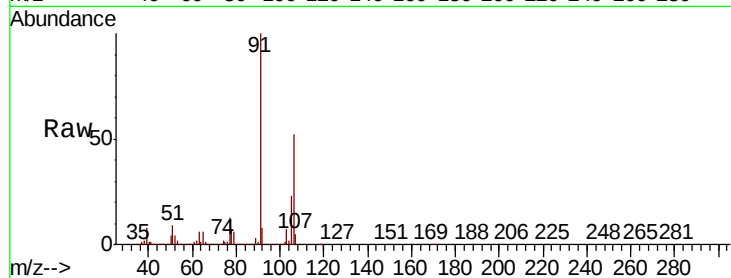
WP022MW359-190109MS

Tgt Ion:106 Resp: 978754

Ion Ratio Lower Upper

106 100

91 195.2 155.8 233.6



#69

o-Xylene

Concen: 48.596 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007039.D

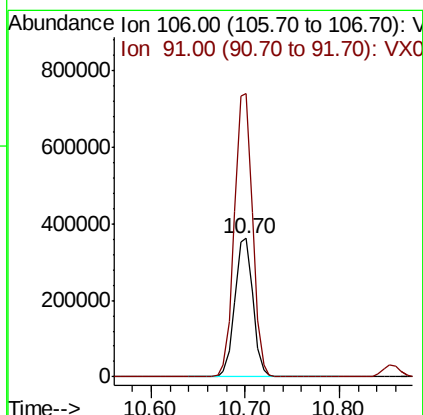
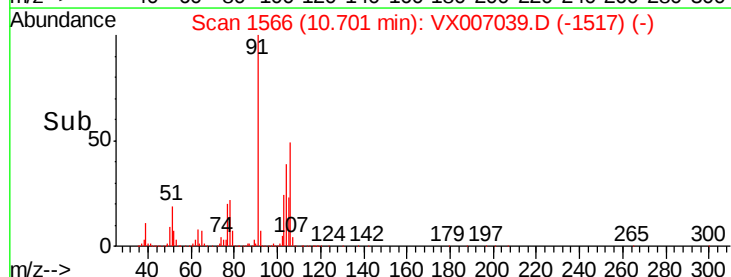
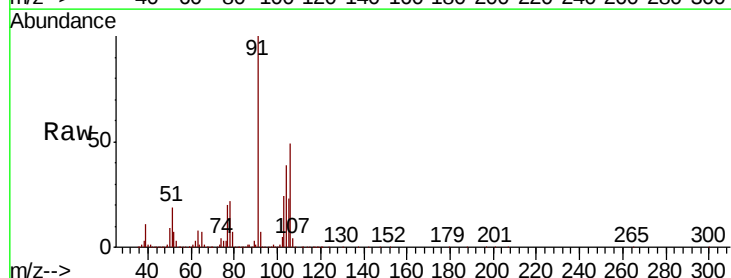
Acq: 14 Jan 2019 15:09

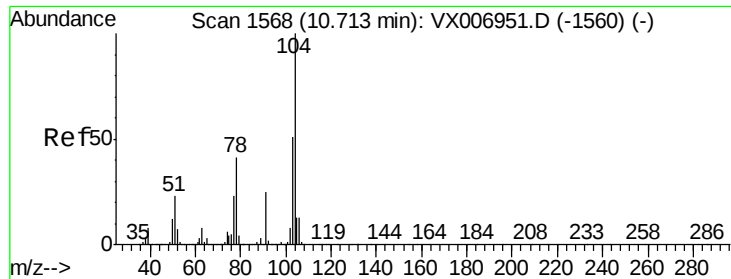
Tgt Ion:106 Resp: 481397

Ion Ratio Lower Upper

106 100

91 205.6 101.3 303.7





#70

Styrene

Concen: 49.962 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

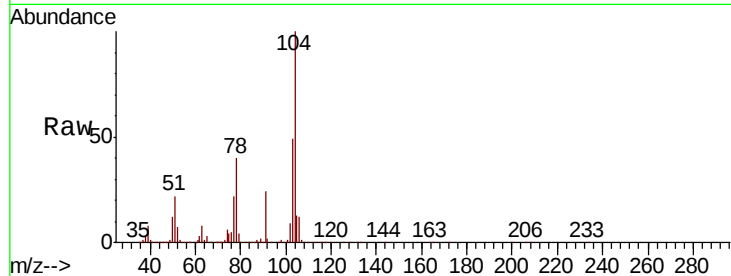
Tgt Ion:104 Resp: 783860

Ion Ratio Lower Upper

104 100

78 47.2 37.7 56.5

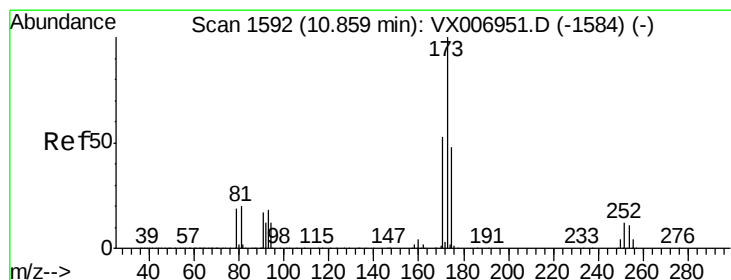
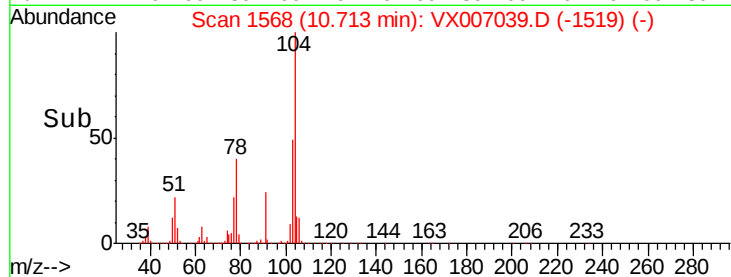
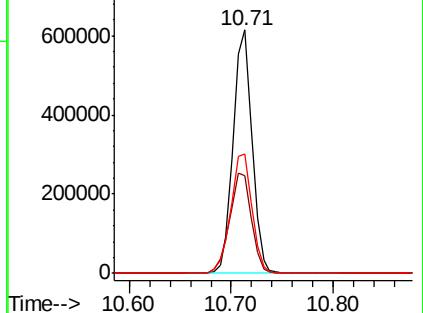
103 55.0 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 45.932 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

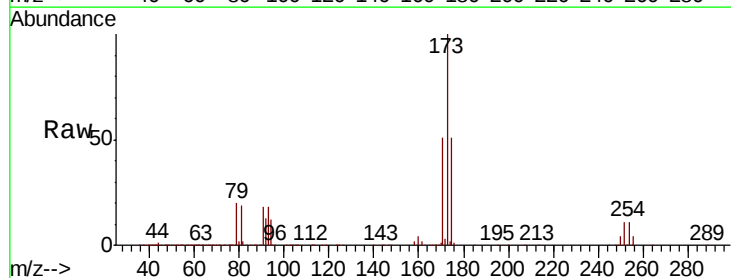
Tgt Ion:173 Resp: 213890

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

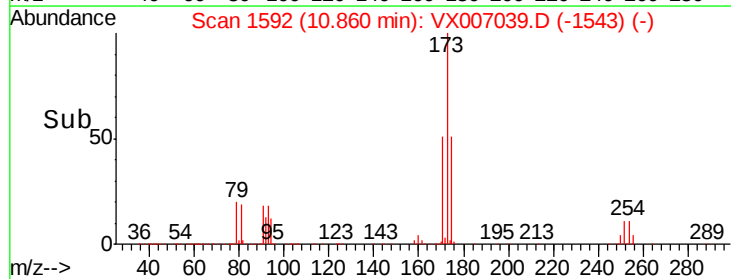
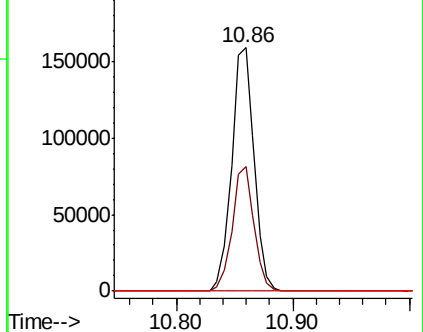
254 0.2 0.2 0.2

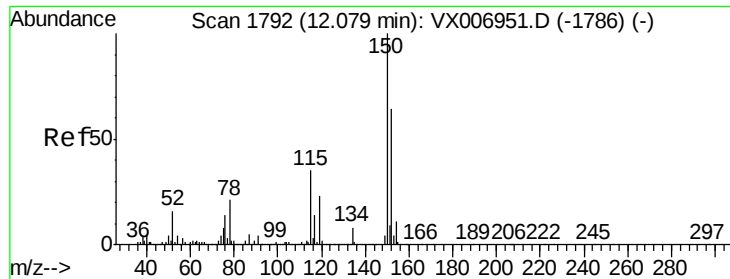


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

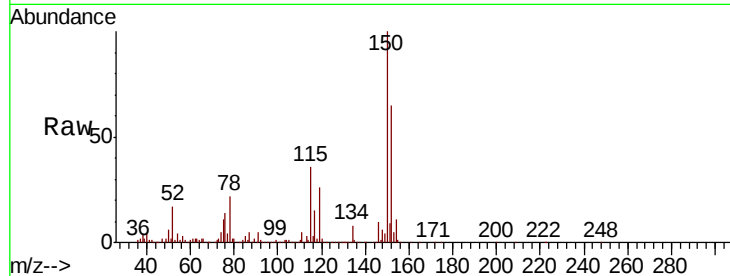
Tgt Ion:152 Resp: 370239

Ion Ratio Lower Upper

152 100

115 76.7 39.1 117.2

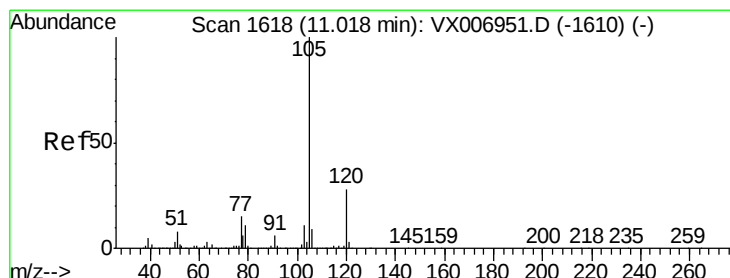
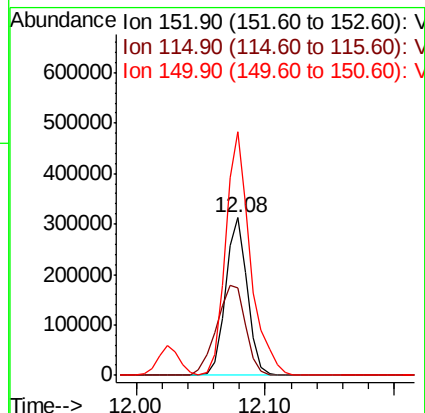
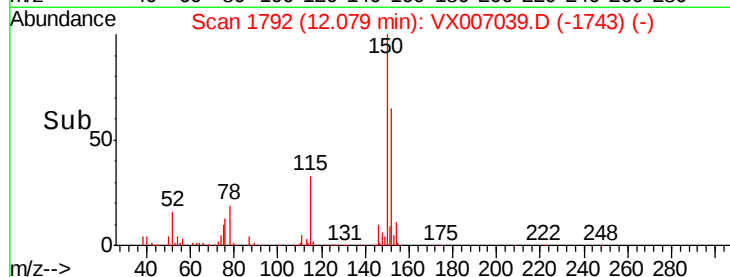
150 174.9 0.0 344.8



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: 48.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007039.D

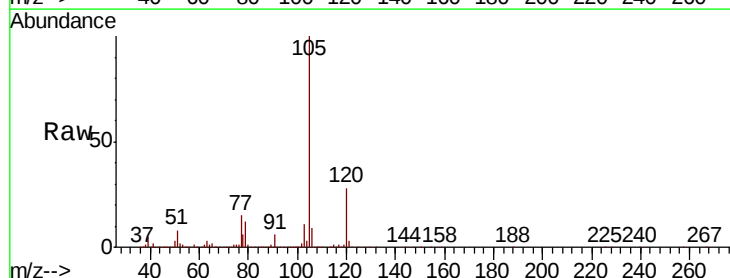
Acq: 14 Jan 2019 15:09

Tgt Ion:105 Resp: 1261766

Ion Ratio Lower Upper

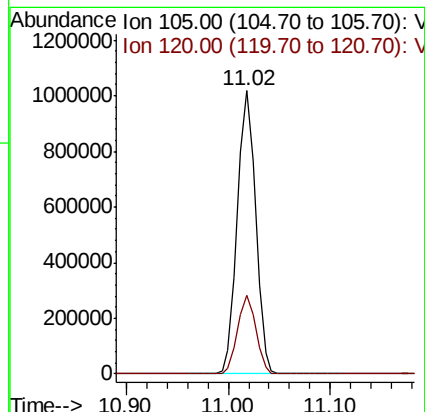
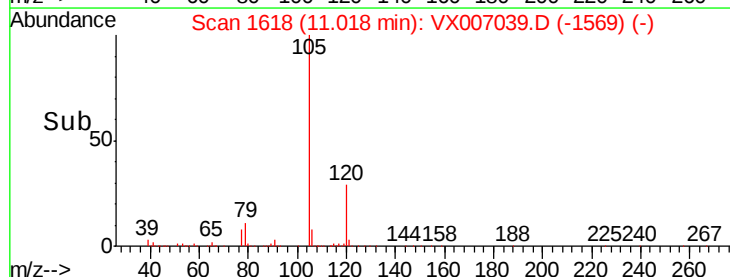
105 100

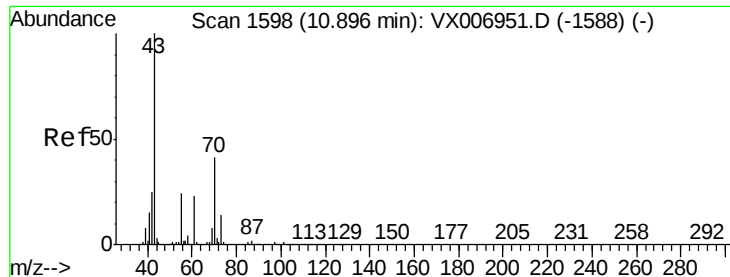
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 50.675 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

Tgt Ion: 43 Resp: 532660

Ion	Ratio	Lower	Upper
43	100		
70	42.3	35.8	53.8
55	23.6	19.4	29.0
61	24.3	20.1	30.1

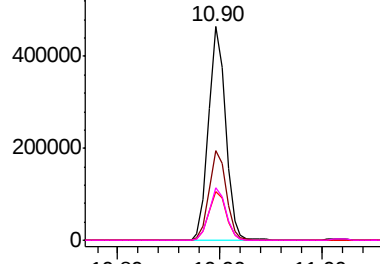
Abundance

Ion 43.00 (42.70 to 43.70): VX0

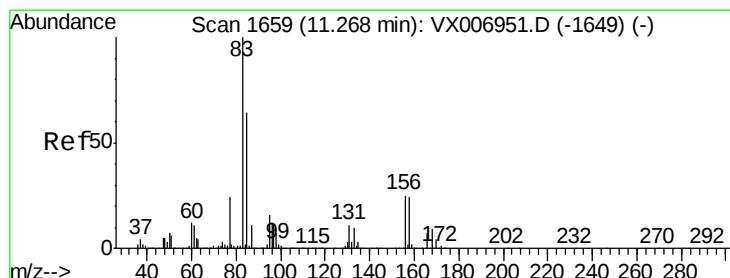
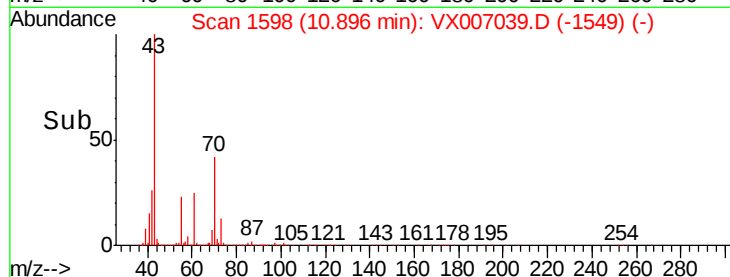
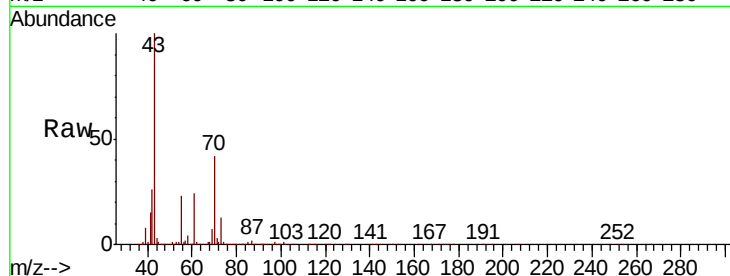
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 48.580 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Tgt Ion: 83 Resp: 402638

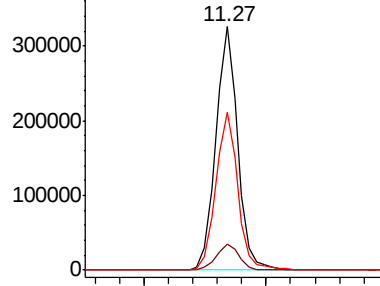
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.1
85	64.8	32.2	96.6

Abundance

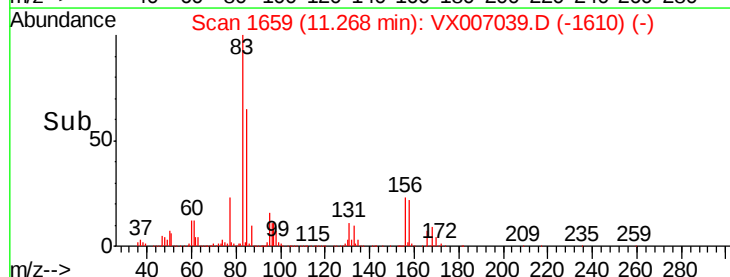
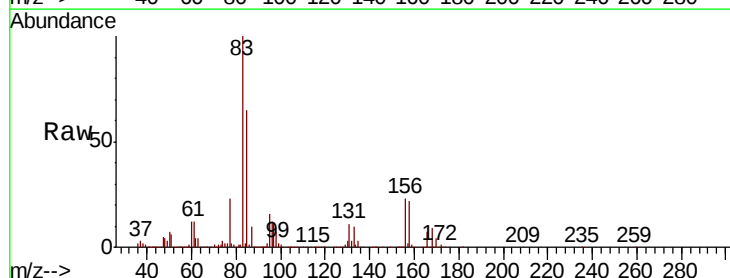
Ion 82.90 (82.60 to 83.60): VX0

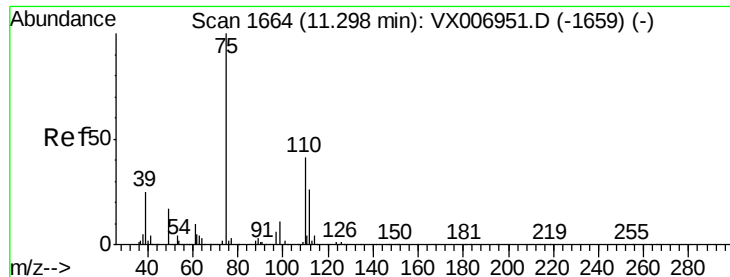
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#76

1,2,3-Trichloropropane

Concen: 61.522 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

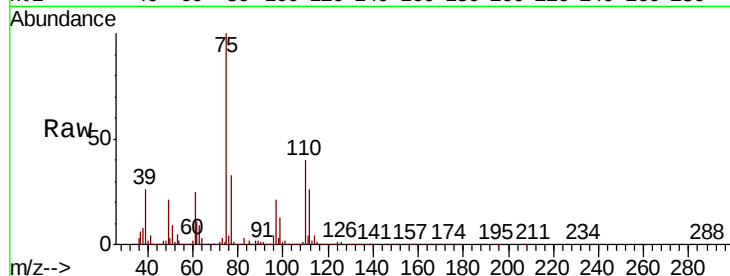
WP022MW359-190109MS

Tgt Ion: 75 Resp: 461584

Ion Ratio Lower Upper

75 100

77 31.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX006951.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX006951.D (-1659) (-)

400000

300000

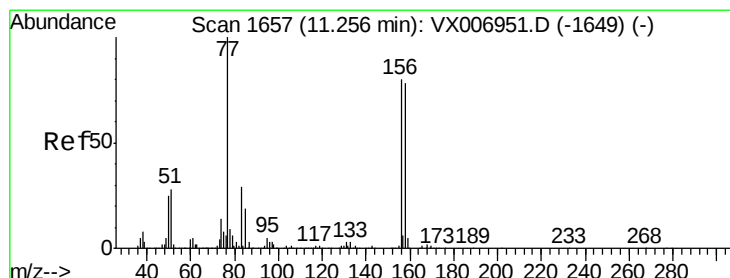
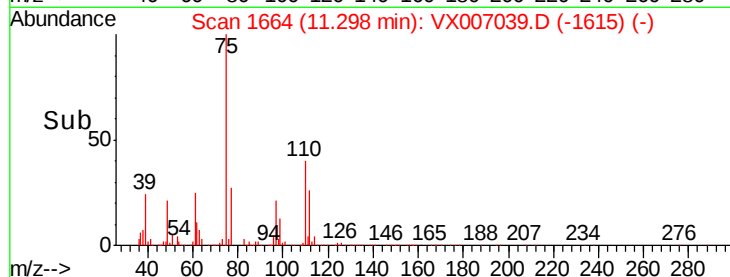
200000

100000

0

11.25 11.30 11.35

Time-->



#77

Bromobenzene

Concen: 48.145 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

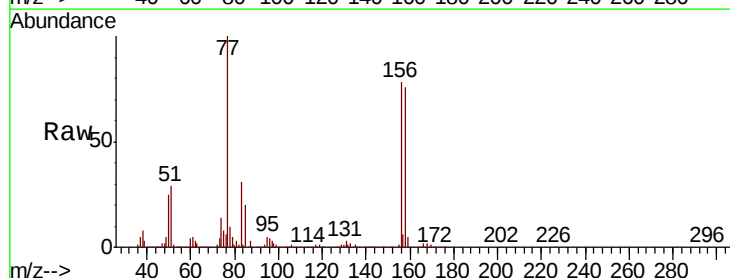
Tgt Ion: 156 Resp: 346331

Ion Ratio Lower Upper

156 100

77 136.2 68.0 204.0

158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): VX006951.D (-1649) (-)

Ion 77.00 (76.70 to 77.70): VX006951.D (-1649) (-)

Ion 157.80 (157.50 to 158.50): VX006951.D (-1649) (-)

400000

300000

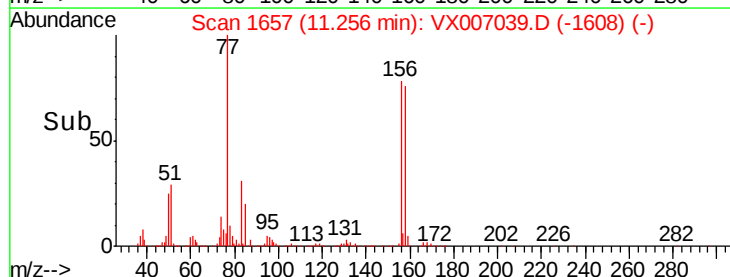
200000

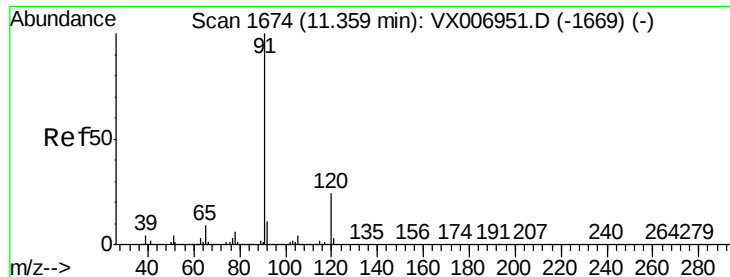
100000

0

11.20 11.30 11.40

Time-->





#78

n-propylbenzene

Concen: 49.327 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

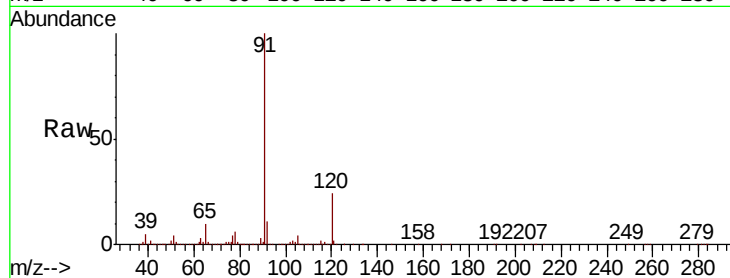
WP022MW359-190109MS

Tgt Ion: 91 Resp: 1413723

Ion Ratio Lower Upper

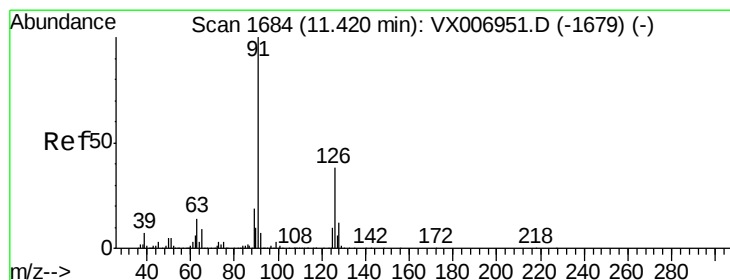
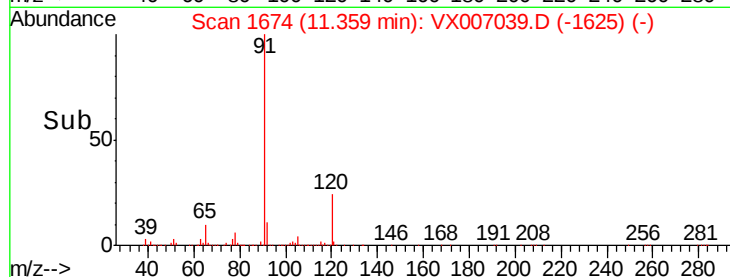
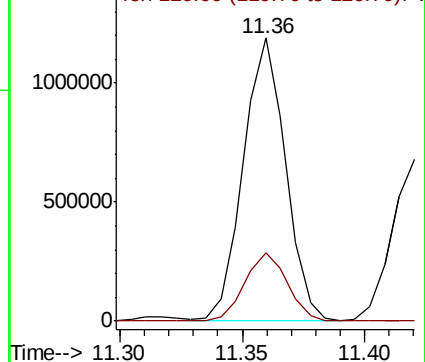
91 100

120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.434 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007039.D

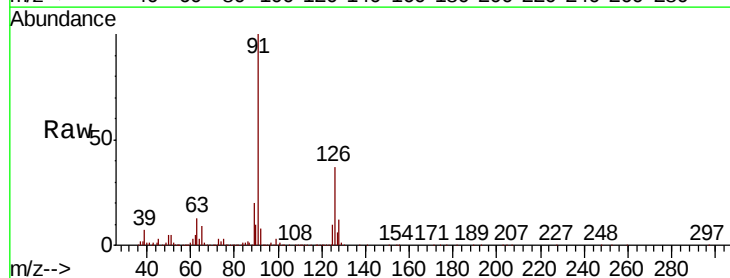
Acq: 14 Jan 2019 15:09

Tgt Ion: 91 Resp: 835593

Ion Ratio Lower Upper

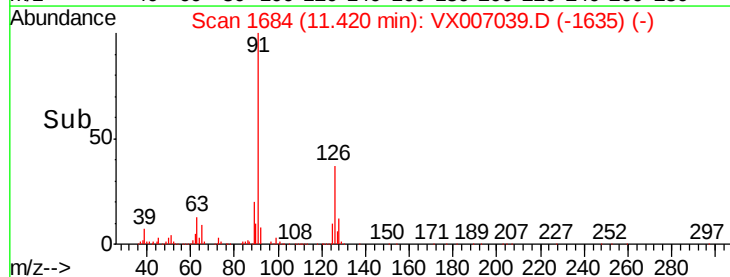
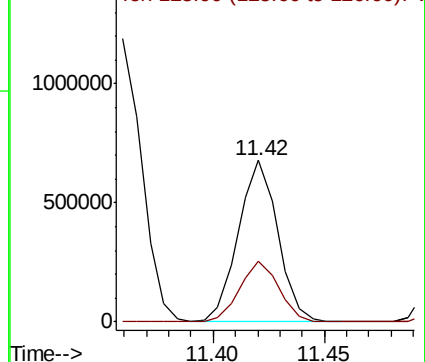
91 100

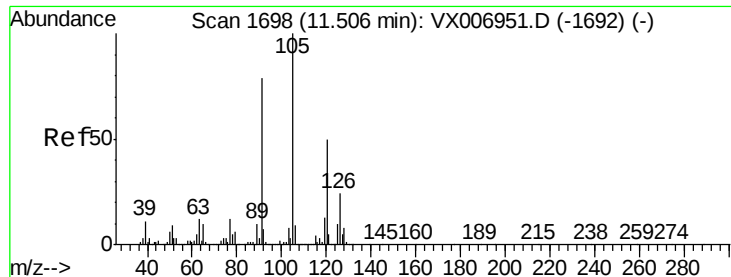
126 37.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

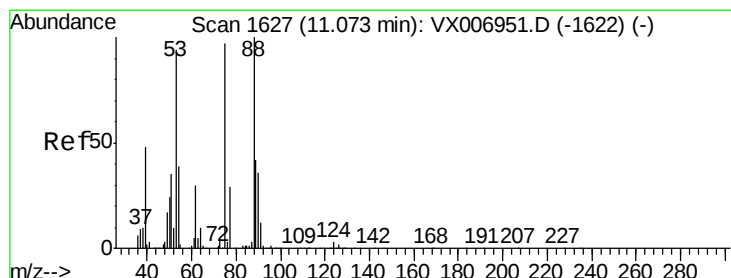
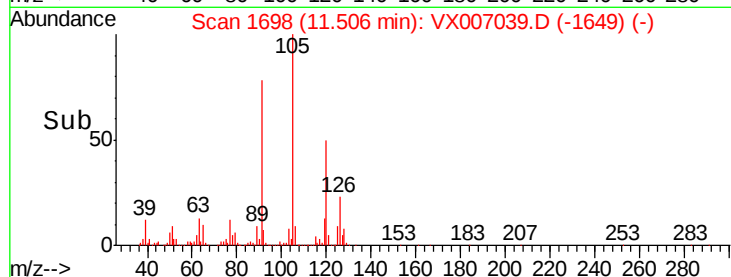
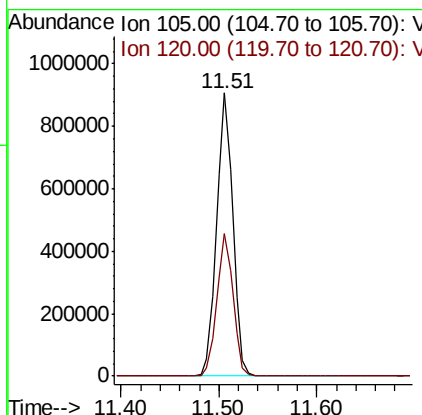
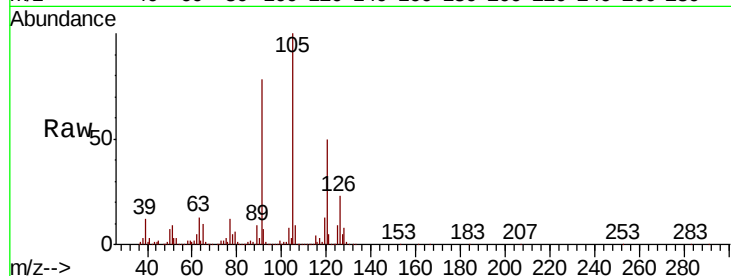




#80
 1,3,5-Trimethylbenzene
 Concen: 47.671 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

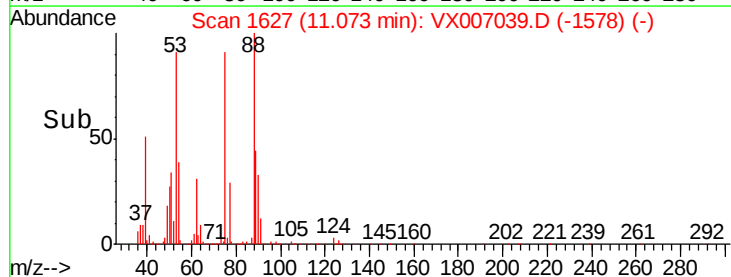
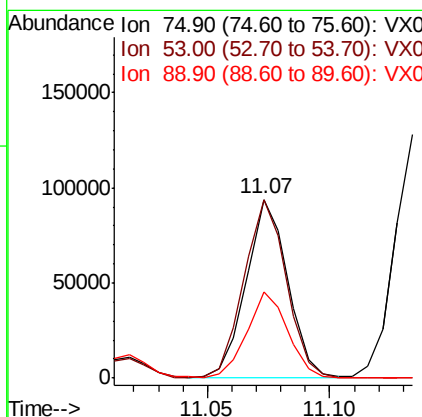
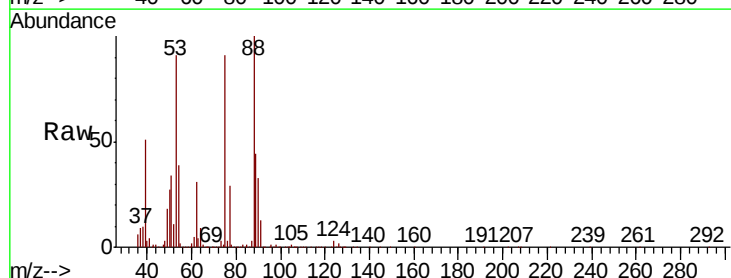
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

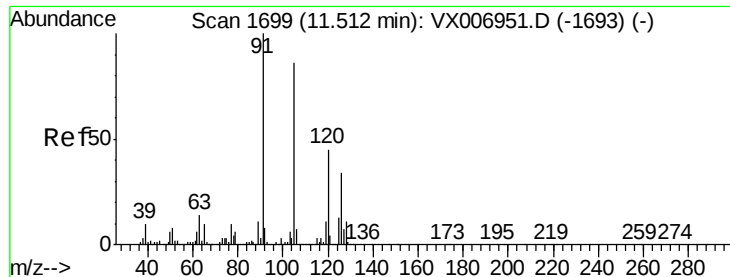
Tgt Ion: 105 Resp: 1039926
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.729 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Tgt Ion: 75 Resp: 110128
 Ion Ratio Lower Upper
 75 100
 53 102.2 79.7 119.5
 89 48.0 38.0 57.0





#82

4-Chlorotoluene

Concen: 48.401 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

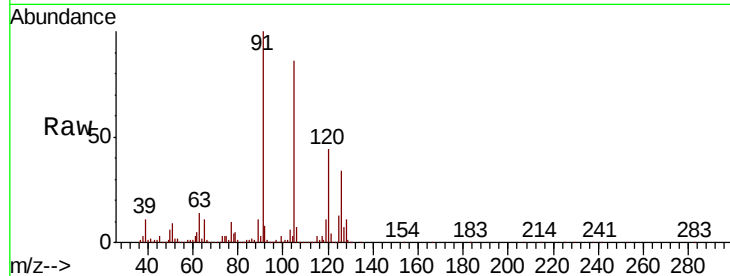
WP022MW359-190109MS

Tgt Ion: 91 Resp: 966815

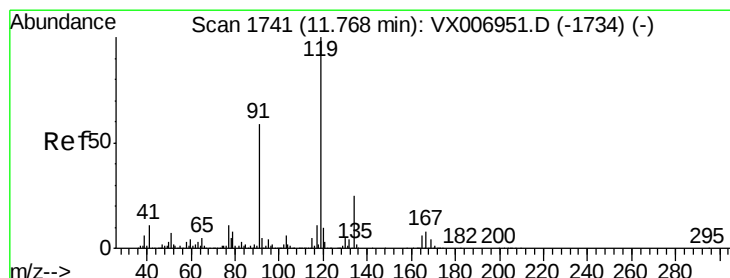
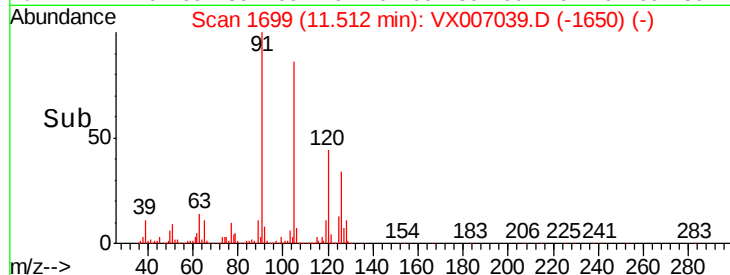
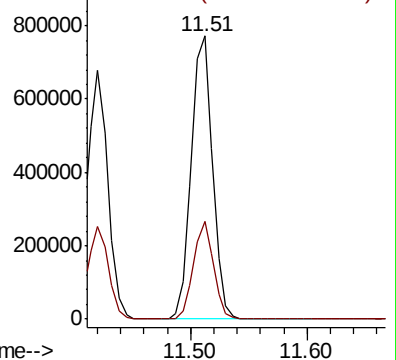
Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1693) (-)



#83

tert-Butylbenzene

Concen: 49.324 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

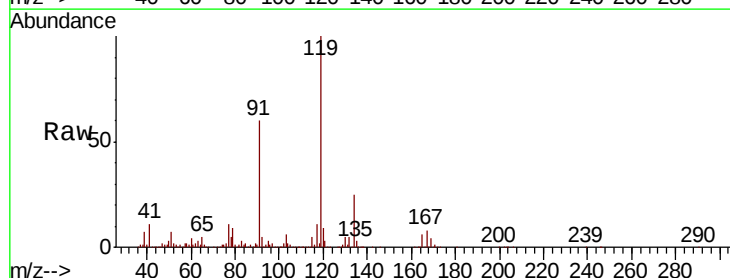
Tgt Ion: 119 Resp: 1073530

Ion Ratio Lower Upper

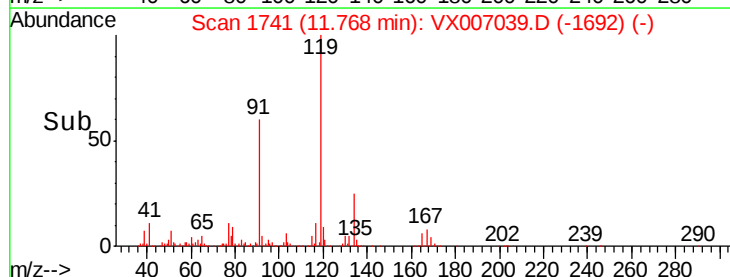
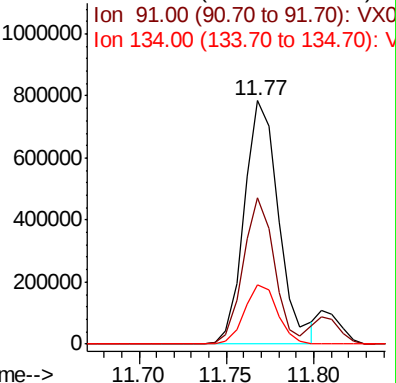
119 100

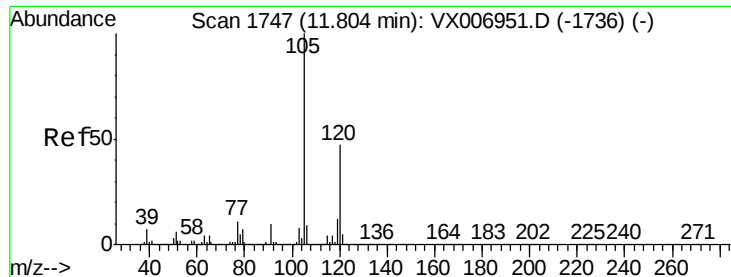
91 54.6 27.7 83.1

134 23.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): VX006951.D (-1734) (-)





#84

1,2,4-Trimethylbenzene

Concen: 48.397 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

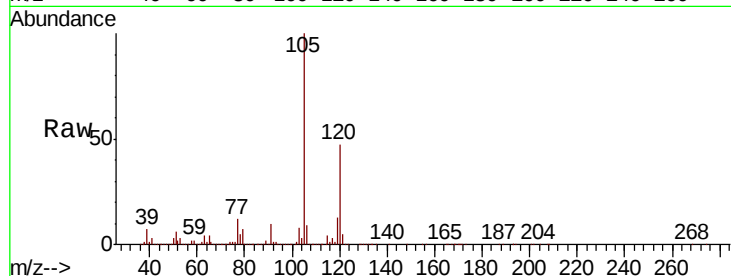
WP022MW359-190109MS

Tgt Ion:105 Resp: 1061651

Ion Ratio Lower Upper

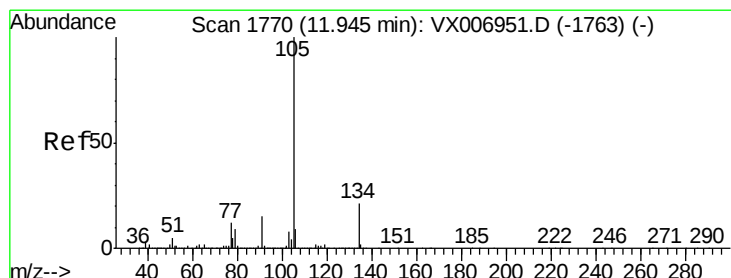
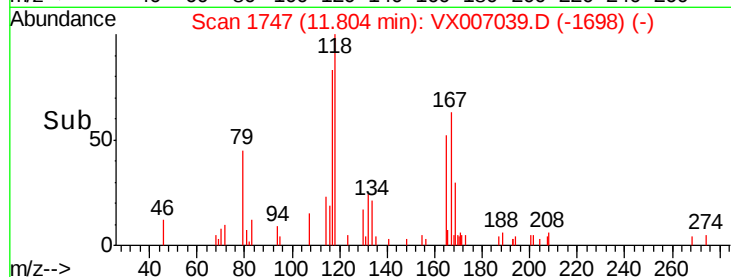
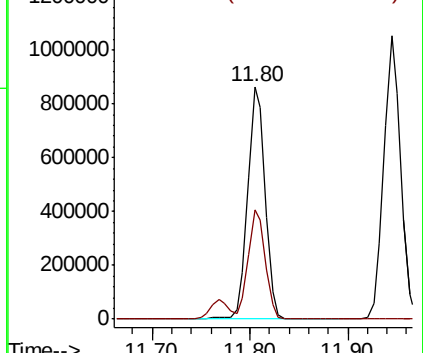
105 100

120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 48.399 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007039.D

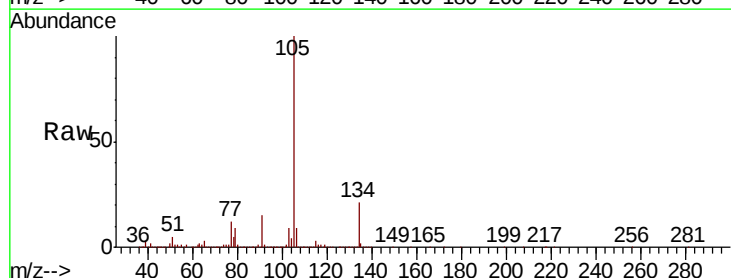
Acq: 14 Jan 2019 15:09

Tgt Ion:105 Resp: 1258054

Ion Ratio Lower Upper

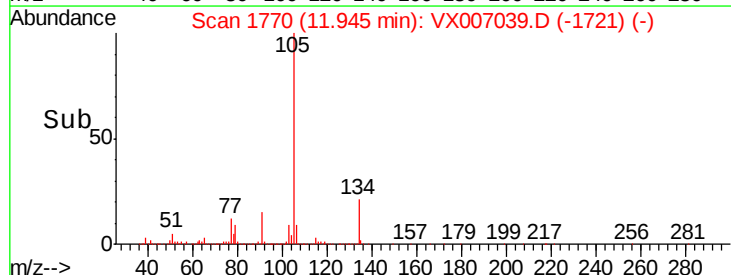
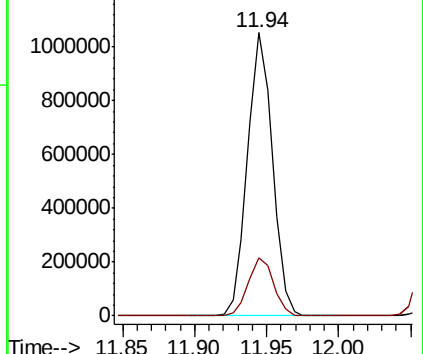
105 100

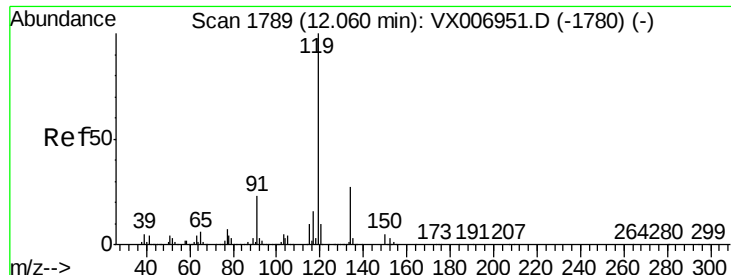
134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 48.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

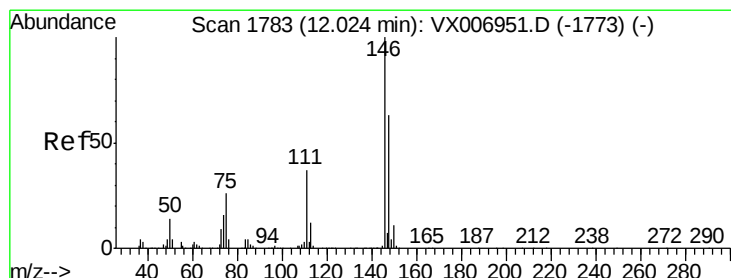
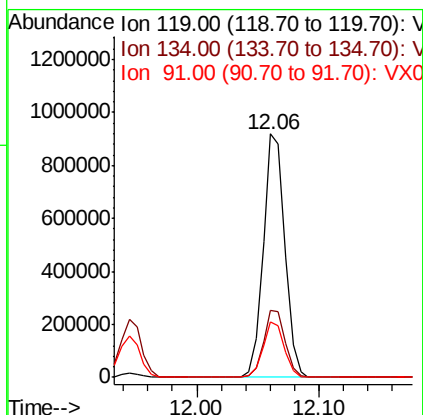
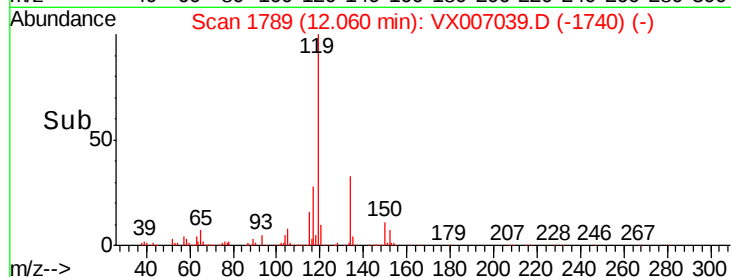
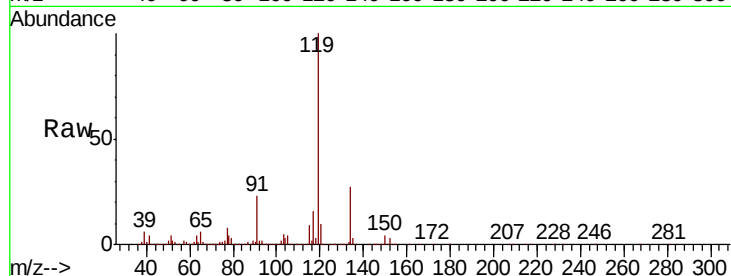
Tgt Ion:119 Resp: 1130687

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.4 11.3 33.9



#87

1,3-Dichlorobenzene

Concen: 51.193 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

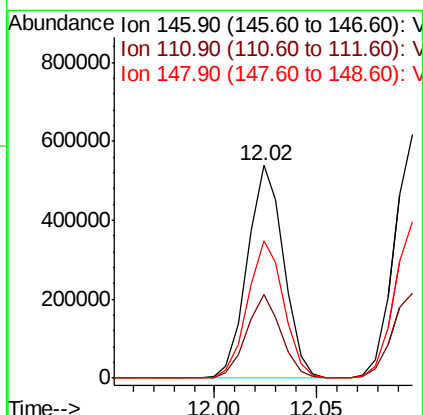
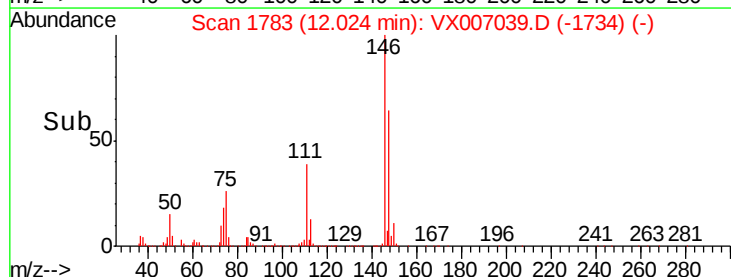
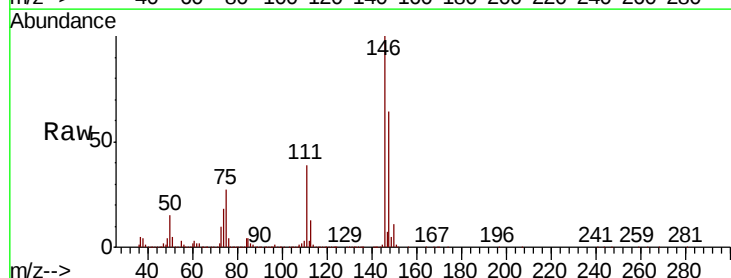
Tgt Ion:146 Resp: 665617

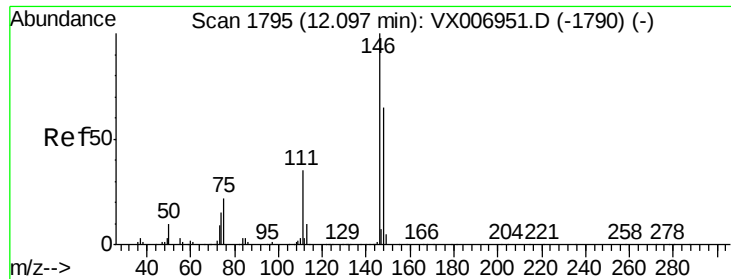
Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 64.1 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 59.966 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

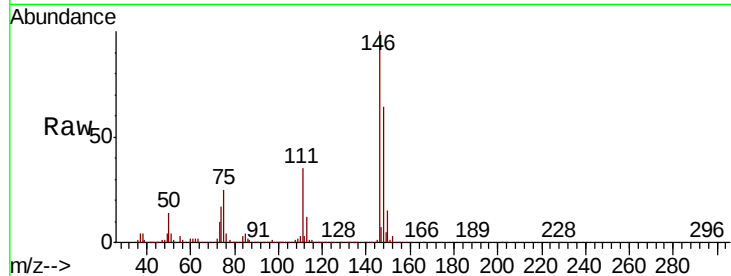
Tgt Ion: 146 Resp: 739093

Ion Ratio Lower Upper

146 100

111 36.0 18.1 54.1

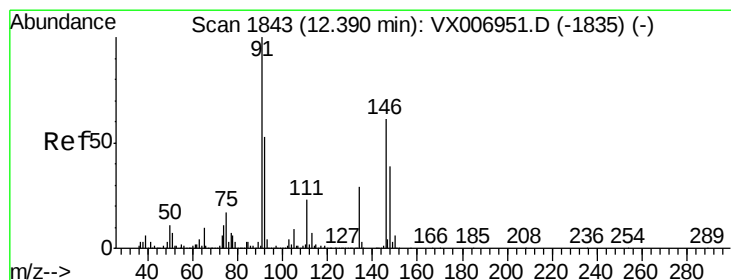
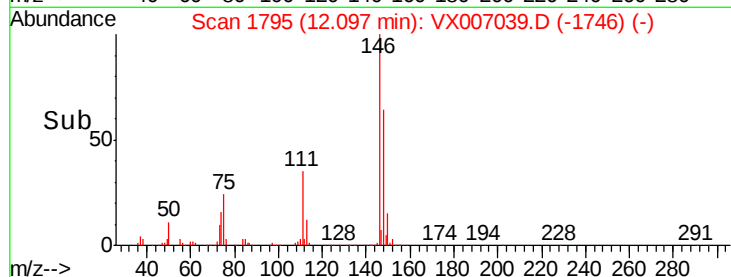
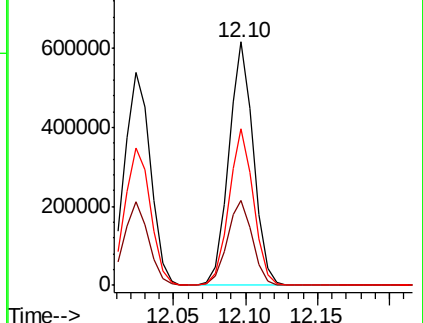
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 48.891 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

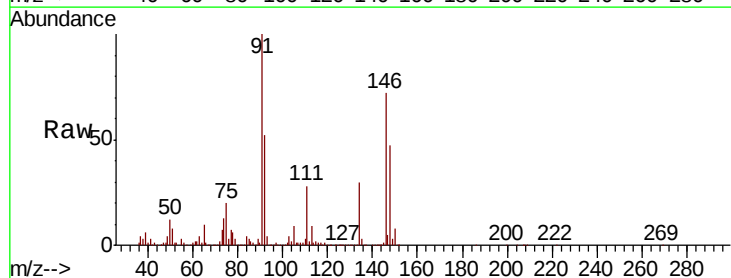
Tgt Ion: 91 Resp: 969014

Ion Ratio Lower Upper

91 100

92 52.2 26.8 80.4

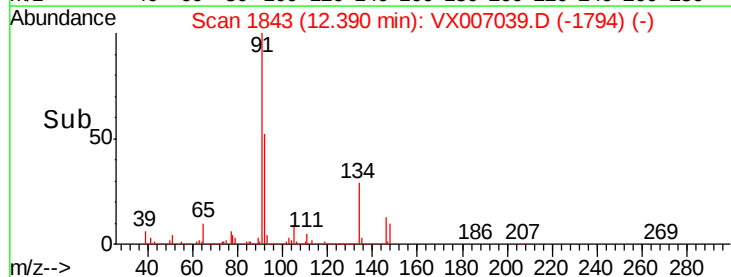
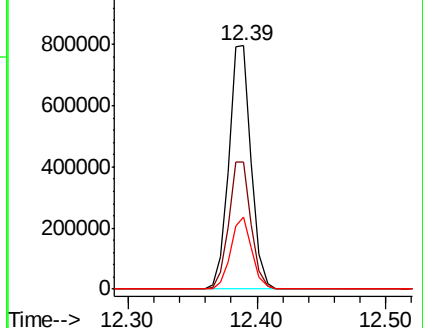
134 28.0 14.4 43.2

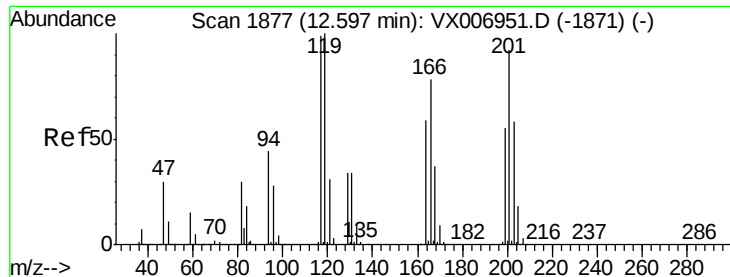


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.257 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

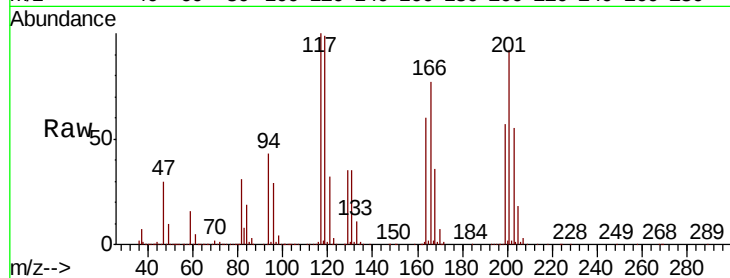
WP022MW359-190109MS

Tgt Ion:117 Resp: 178719

Ion Ratio Lower Upper

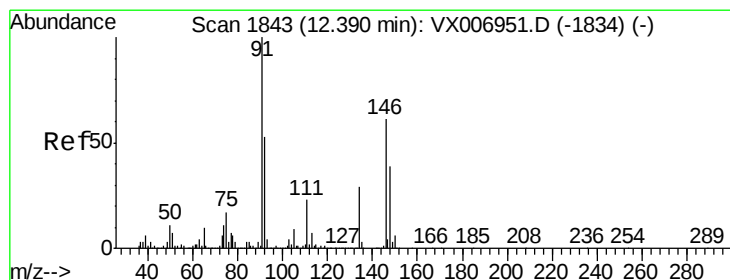
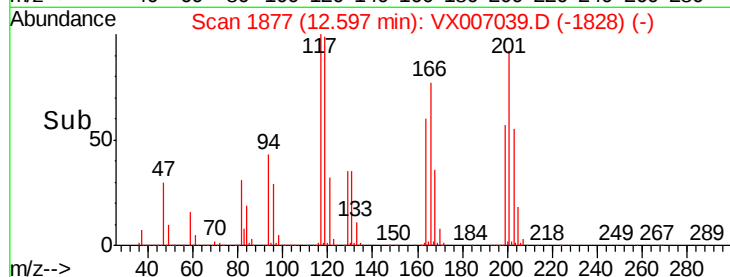
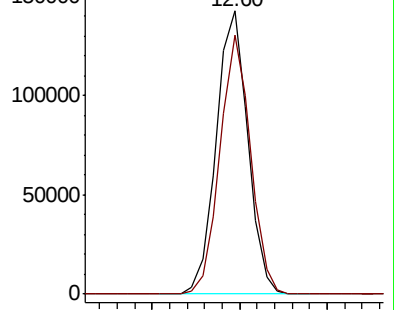
117 100

201 89.0 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 55.868 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

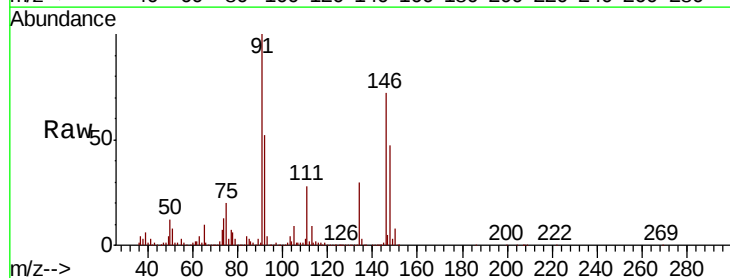
Tgt Ion:146 Resp: 716850

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

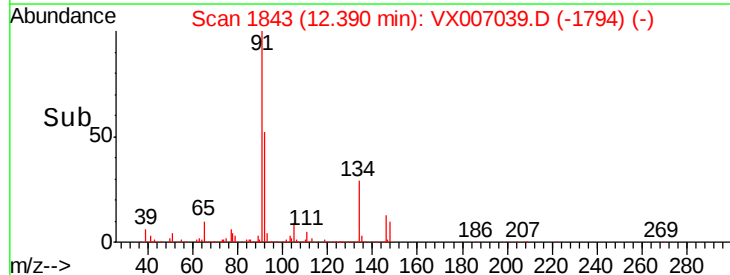
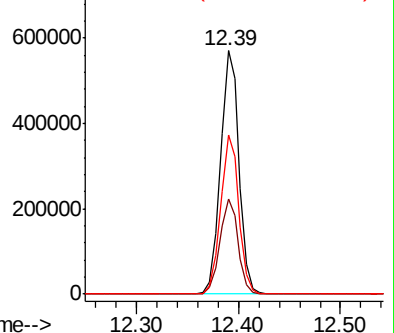
148 64.3 32.3 96.9

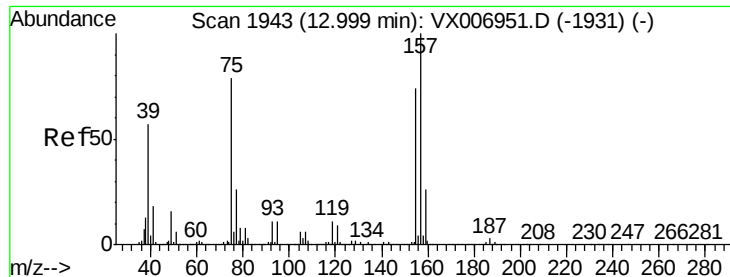


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.786 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

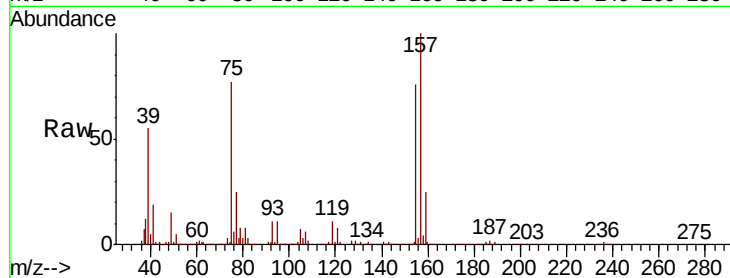
Tgt Ion: 75 Resp: 83247

Ion Ratio Lower Upper

75 100

155 99.7 50.6 151.8

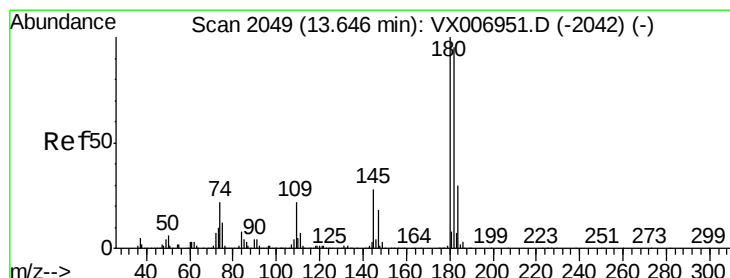
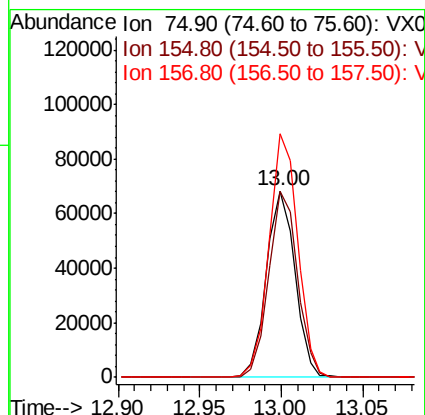
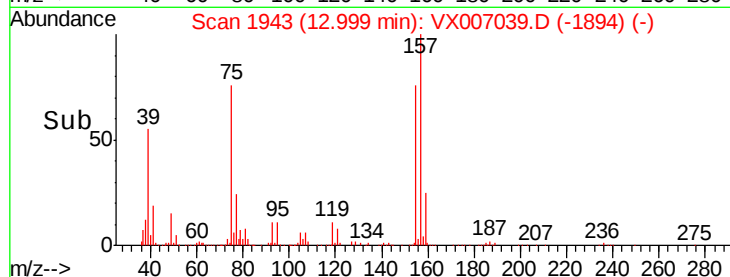
157 130.3 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX007039.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX007039.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX007039.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.311 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

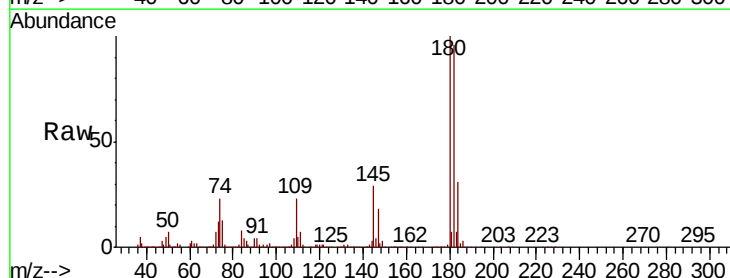
Tgt Ion: 180 Resp: 416482

Ion Ratio Lower Upper

180 100

182 96.7 47.3 142.0

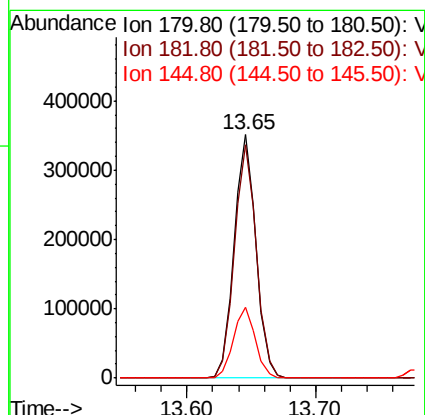
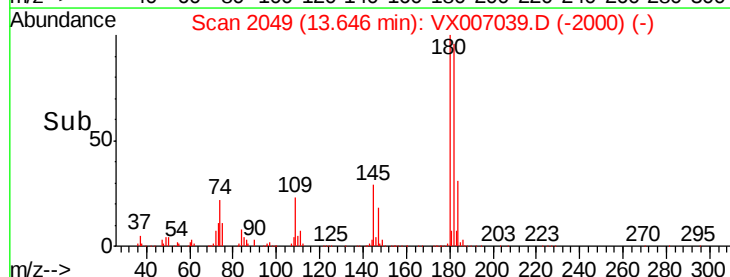
145 29.4 14.8 44.3

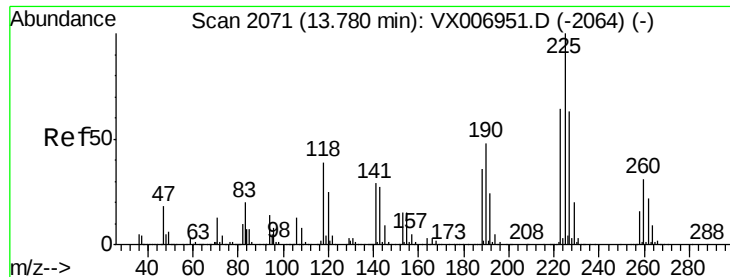


Abundance Ion 179.80 (179.50 to 180.50): VX007039.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX007039.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX007039.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 48.805 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MS

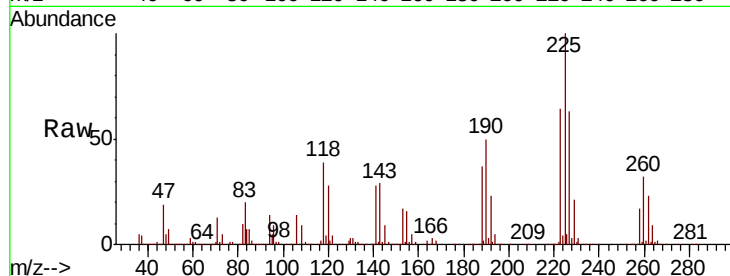
Tgt Ion:225 Resp: 190656

Ion Ratio Lower Upper

225 100

223 63.1 32.1 96.3

227 63.5 32.3 96.8

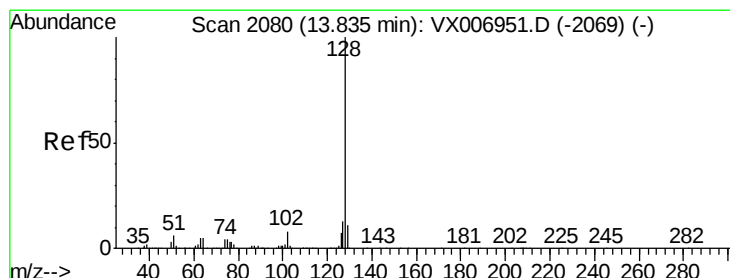
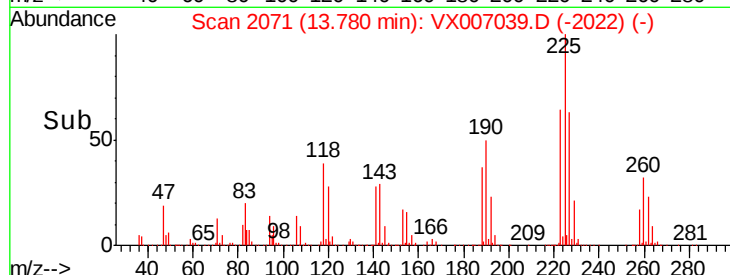
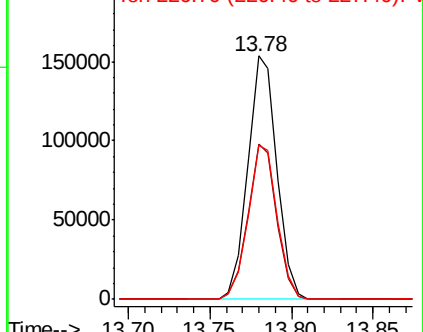


Abundance

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: 49.046 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007039.D

Acq: 14 Jan 2019 15:09

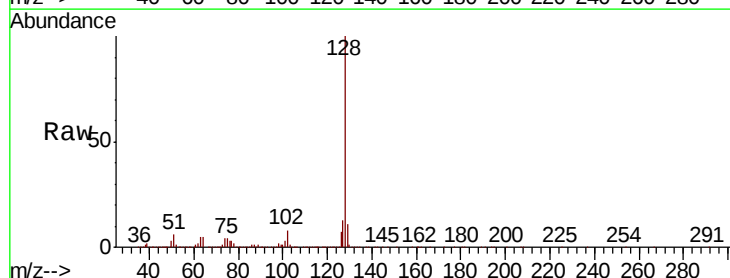
Tgt Ion:128 Resp: 1308315

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0

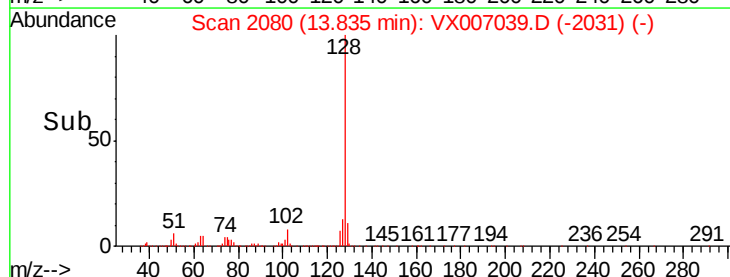
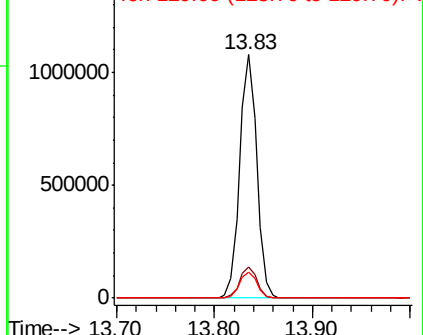


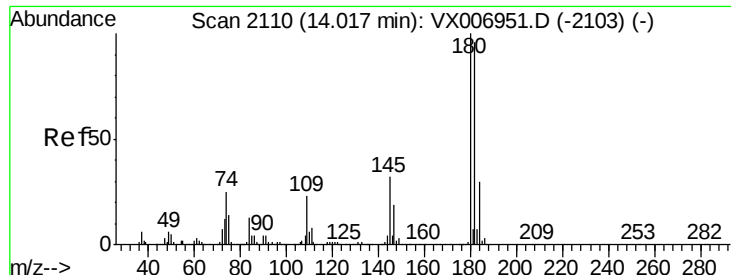
Abundance

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

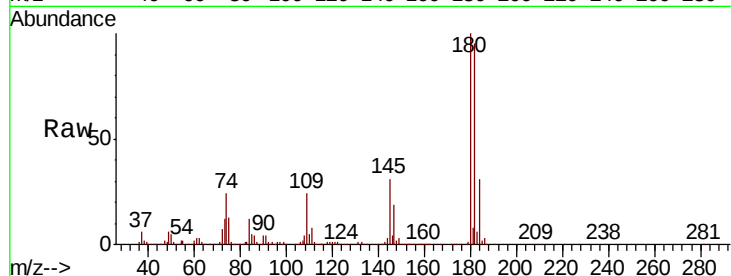




#96
 1,2,3-Trichlorobenzene
 Concen: 47.258 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007039.D
 Acq: 14 Jan 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.5
145	31.4	16.0	47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

