

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007561.D
 Acq On : 15 Feb 2019 11:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 04:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	485263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	694126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	329635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	250748	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	232015	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	8.71	98	843947	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	301662	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	252427	42.359	ug/l	99
3) Chloromethane	1.33	50	214379	39.222	ug/l	98
4) Vinyl Chloride	1.41	62	237673	44.324	ug/l	100
5) Bromomethane	1.64	94	222328	41.853	ug/l	99
6) Chloroethane	1.72	64	151484	43.671	ug/l	100
7) Trichlorofluoromethane	1.93	101	378625	45.138	ug/l	97
8) Diethyl Ether	2.19	74	140917	44.634	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	227285	45.552	ug/l	99
10) Methyl Iodide	2.51	142	260682	35.516	ug/l	100
11) Tert butyl alcohol	3.07	59	255834	240.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	200265	43.223	ug/l	98
13) Acrolein	2.30	56	116552	233.176	ug/l	100
14) Allyl chloride	2.73	41	350404	46.415	ug/l	99
15) Acrylonitrile	3.15	53	621870	235.833	ug/l	99
16) Acetone	2.45	43	611256	259.074	ug/l	99
17) Carbon Disulfide	2.57	76	488654	40.742	ug/l	99
18) Methyl Acetate	2.78	43	338249	54.963	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	686388	45.727	ug/l	97
20) Methylene Chloride	2.86	84	217908	45.178	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	209779	42.503	ug/l	99
22) Diisopropyl ether	3.87	45	686392	49.429	ug/l	98
23) Vinyl Acetate	3.82	43	2935672	254.758	ug/l	100
24) 1,1-Dichloroethane	3.70	63	385837	48.383	ug/l	99
25) 2-Butanone	4.70	43	852468	253.885	ug/l	99
26) 2,2-Dichloropropane	4.58	77	297842	49.042	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	242515	44.986	ug/l	99
28) Bromochloromethane	5.02	49	176076	48.012	ug/l	99
29) Tetrahydrofuran	5.15	42	529062	250.531	ug/l	99
30) Chloroform	5.21	83	389190	46.769	ug/l	100
31) Cyclohexane	5.57	56	320935	44.808	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	336002	47.835	ug/l	99
36) 1,1-Dichloropropene	5.79	75	282910	45.426	ug/l	99
37) Ethyl Acetate	4.85	43	305673	48.553	ug/l	99
38) Carbon Tetrachloride	5.78	117	298254	49.363	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	357295	47.417	ug/l	96
40) Benzene	6.14	78	858380	46.789	ug/l	98
41) Methacrylonitrile	5.06	41	167833	49.740	ug/l	98
42) 1,2-Dichloroethane	6.20	62	290800	45.813	ug/l	98
43) Isopropyl Acetate	6.46	43	489371	50.360	ug/l	100
44) Trichloroethene	7.21	130	253231	45.831	ug/l	98
45) 1,2-Dichloropropane	7.51	63	221104	48.102	ug/l	97
46) Dibromomethane	7.66	93	153952	46.082	ug/l	99
47) Bromodichloromethane	7.90	83	286009	50.515	ug/l	99
48) Methyl methacrylate	7.77	41	253083	52.068	ug/l	99
49) 1,4-Dioxane	7.75	88	110661	1001.083	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1600885	250.252	ug/l	100
52) Toluene	8.78	92	552877	46.710	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	316107	51.976	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	346253	51.772	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231470	46.914	ug/l	98
56) Ethyl methacrylate	9.18	69	342682	50.147	ug/l	99
57) 1,3-Dichloropropane	9.37	76	374808	47.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	917476	254.723	ug/l	100
59) 2-Hexanone	9.49	43	1233041	247.698	ug/l	99
60) Dibromochloromethane	9.58	129	252223	54.051	ug/l	99
61) 1,2-Dibromoethane	9.67	107	250684	47.977	ug/l	100
64) Tetrachloroethene	9.34	164	262212	44.470	ug/l	100
65) Chlorobenzene	10.13	112	638347	46.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	239253	52.273	ug/l	99
67) Ethyl Benzene	10.25	91	1063644	48.382	ug/l	99
68) m/p-Xylenes	10.36	106	824207	94.313	ug/l	98
69) o-Xylene	10.69	106	405328	48.201	ug/l	100
70) Styrene	10.71	104	656370	48.129	ug/l	100
71) Bromoform	10.86	173	186617	46.770	ug/l #	98
73) Isopropylbenzene	11.02	105	1098391	49.034	ug/l	99
74) N-amyl acetate	10.90	43	429193	49.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	335148	49.093	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	396158	61.786	ug/l	79
77) Bromobenzene	11.26	156	290626	46.047	ug/l	99
78) n-propylbenzene	11.36	91	1233649	50.223	ug/l	100
79) 2-Chlorotoluene	11.42	91	710213	47.651	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	898431	49.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	101309	48.936	ug/l	96
82) 4-Chlorotoluene	11.51	91	836602	48.509	ug/l	99
83) tert-Butylbenzene	11.77	119	897489	49.464	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	915994	49.232	ug/l	99
85) sec-Butylbenzene	11.94	105	1114168	50.736	ug/l	100
86) p-Isopropyltoluene	12.06	119	997697	50.329	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	524404	46.297	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	530175	46.136	ug/l	98
89) n-Butylbenzene	12.38	91	867125	50.849	ug/l	100
90) Hexachloroethane	12.60	117	164374	55.404	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	520310	46.158	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74520	52.498	ug/l	97

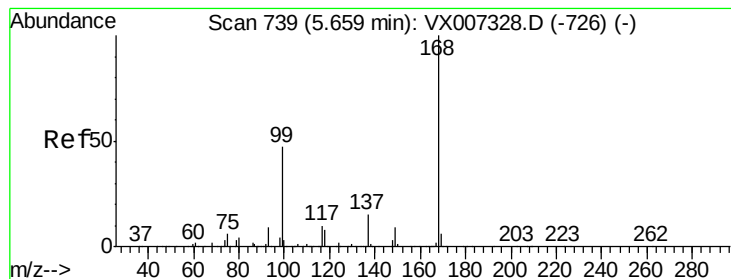
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	369991	48.670	ug/l	100
94) Hexachlorobutadiene	13.78	225	179454	48.615	ug/l	100
95) Naphthalene	13.83	128	1123136	50.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	371290	48.521	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

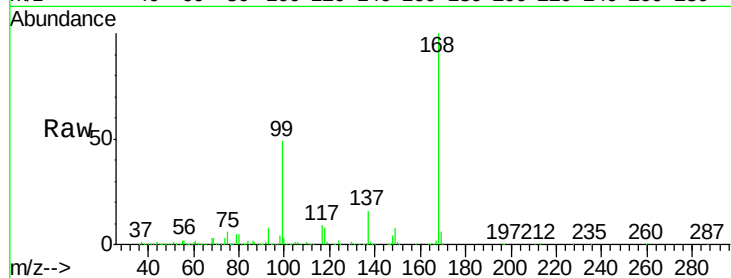
ClientSampled :

Tot Ion:168 Resp: 485263

Ion Ratio Lower Upper

168 100

99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

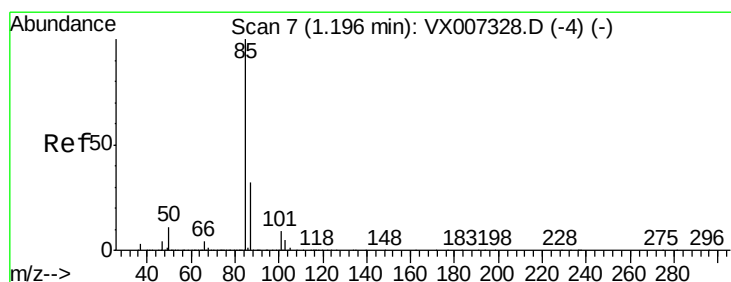
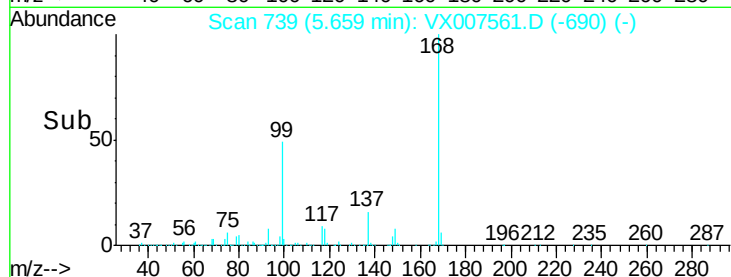
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.359 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007561.D

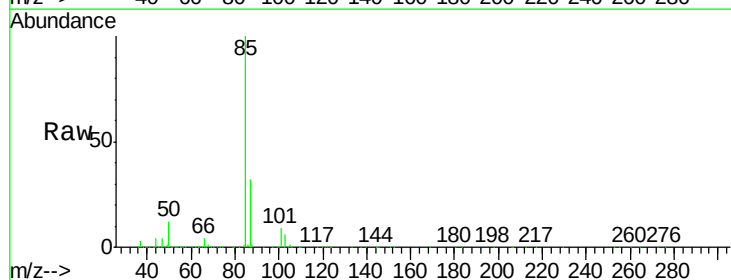
Acq: 15 Feb 2019 11:56

Tgt Ion: 85 Resp: 252427

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

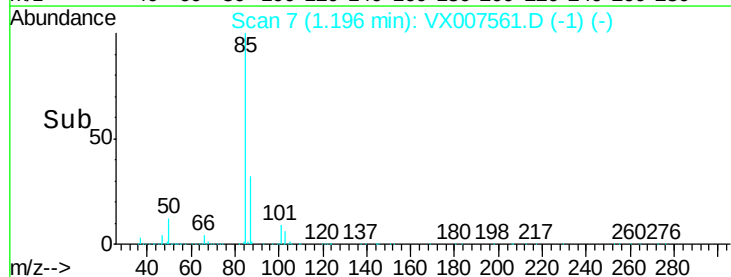
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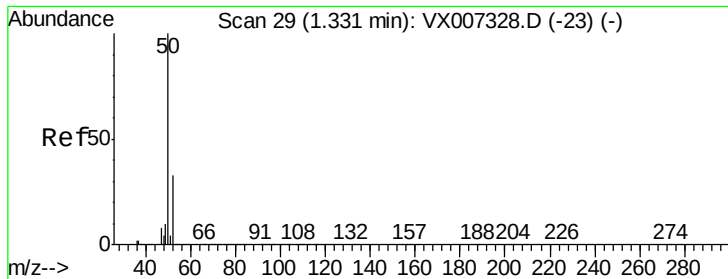
100000

50000

0

Time-->





#3

Chloromethane

Concen: 39.222 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

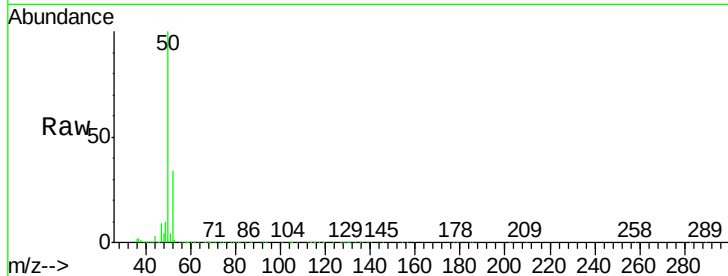
ClientSampleId :

Tot Ion: 50 Resp: 214379

Ion Ratio Lower Upper

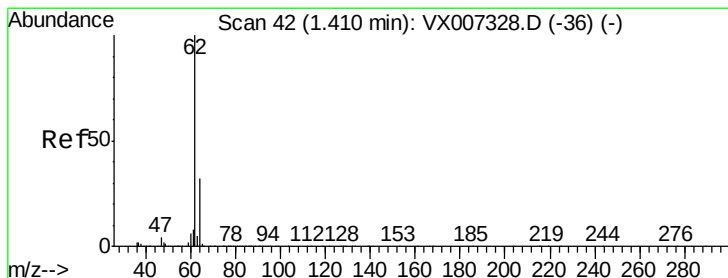
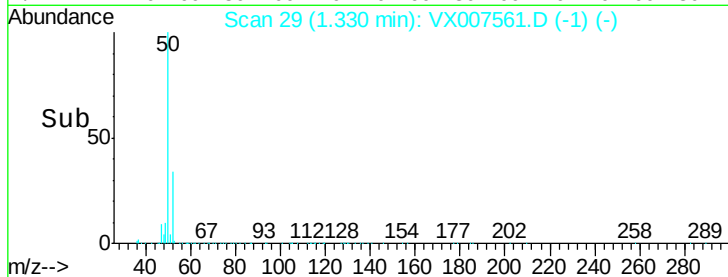
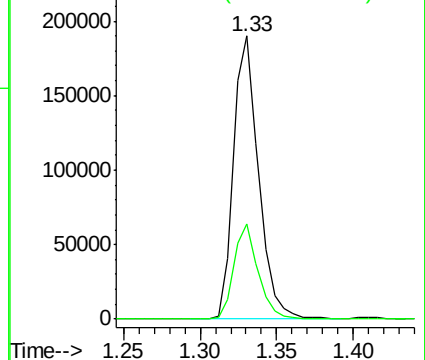
50 100

52 33.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.324 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007561.D

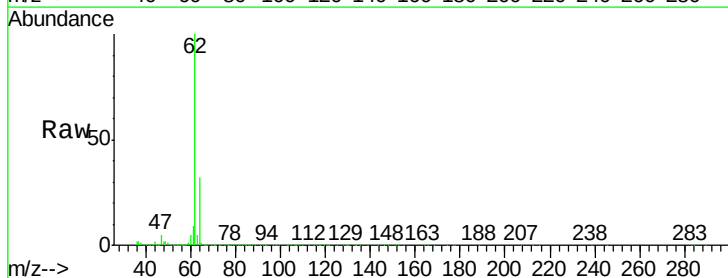
Acq: 15 Feb 2019 11:56

Tgt Ion: 62 Resp: 237673

Ion Ratio Lower Upper

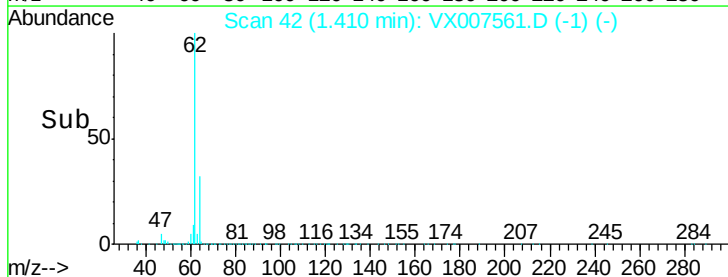
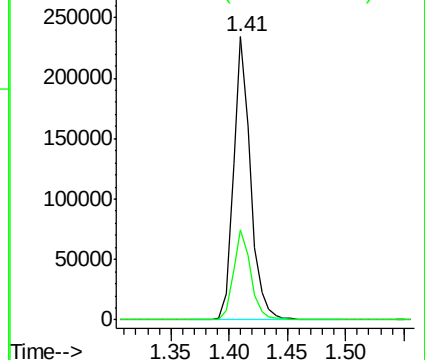
62 100

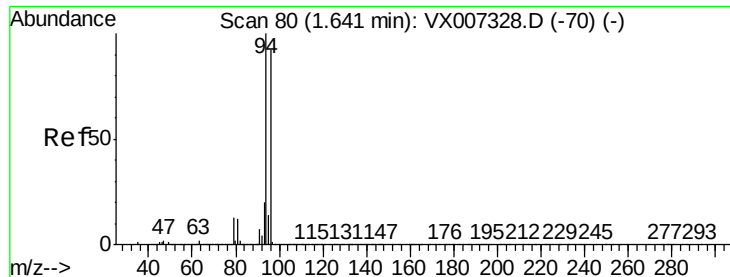
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.853 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

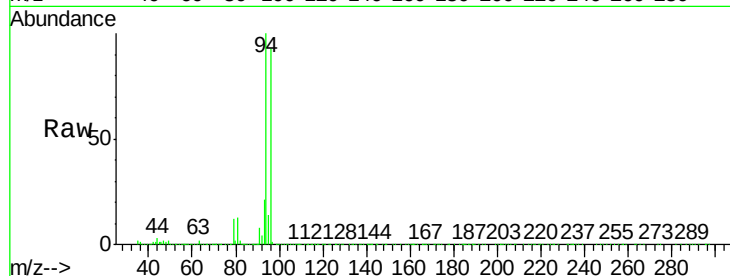
ClientSampleId :

Tot Ion: 94 Resp: 222328

Ion Ratio Lower Upper

94 100

96 93.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250000

200000

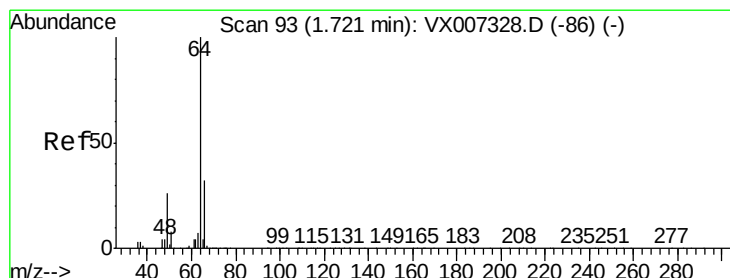
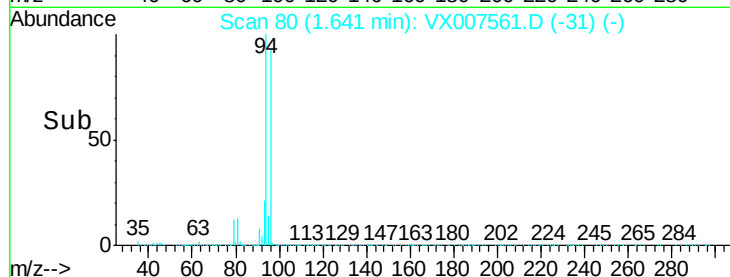
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.671 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007561.D

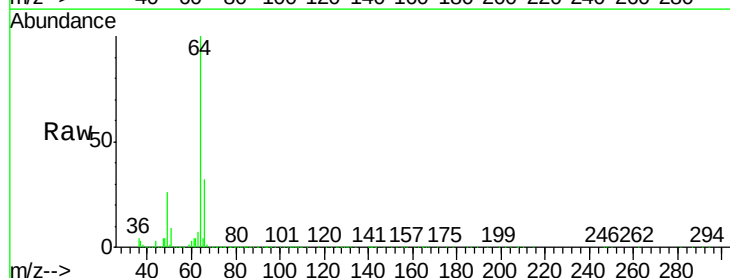
Acq: 15 Feb 2019 11:56

Tgt Ion: 64 Resp: 151484

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

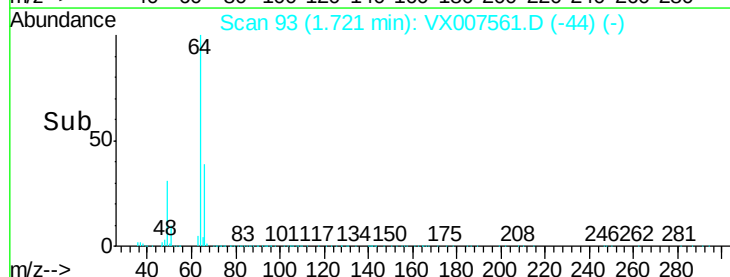
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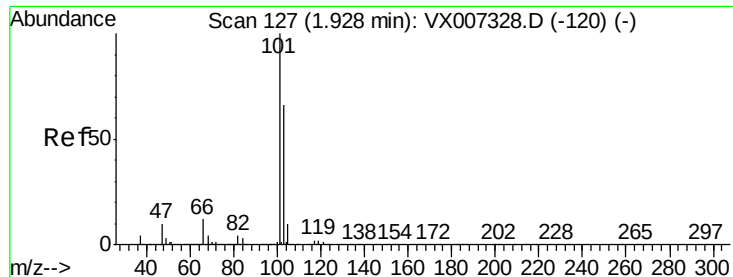
40000

20000

0

Time--> 1.65 1.70 1.75 1.80 1.85



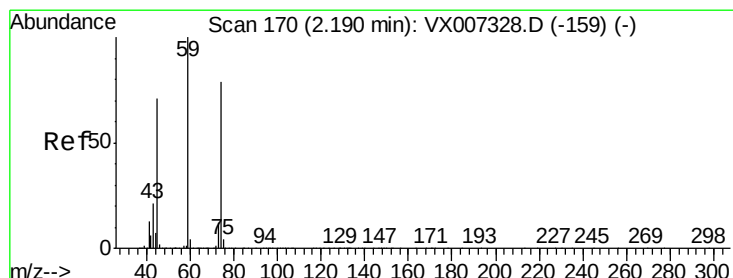
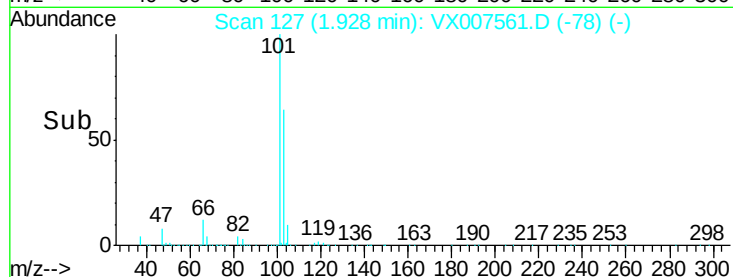
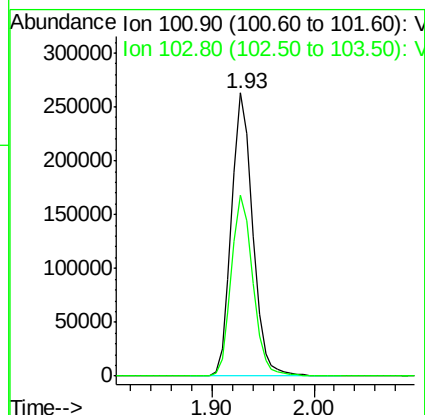
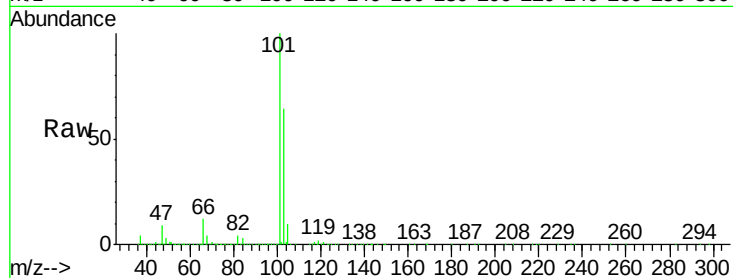


#7

Trichlorofluoromethane
Concen: 45.138 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

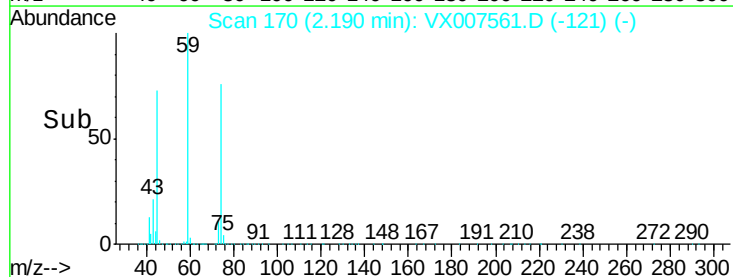
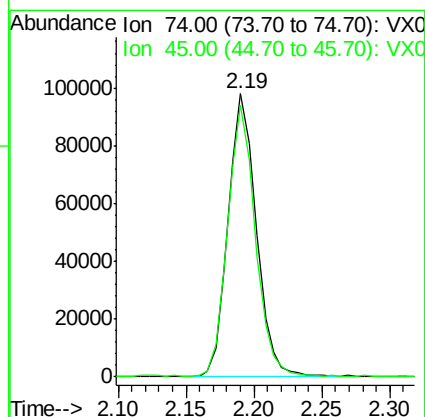
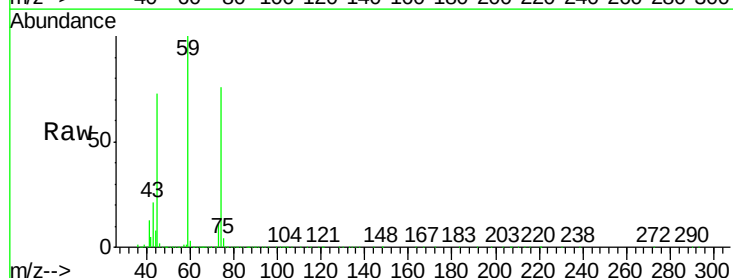
Tot Ion:101 Resp: 378625
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

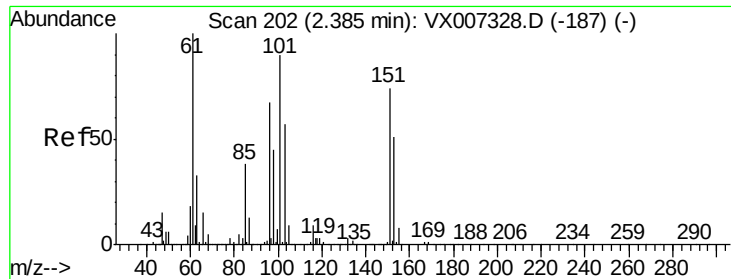


#8

Diethyl Ether
Concen: 44.634 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 74 Resp: 140917
Ion Ratio Lower Upper
74 100
45 94.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.552 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

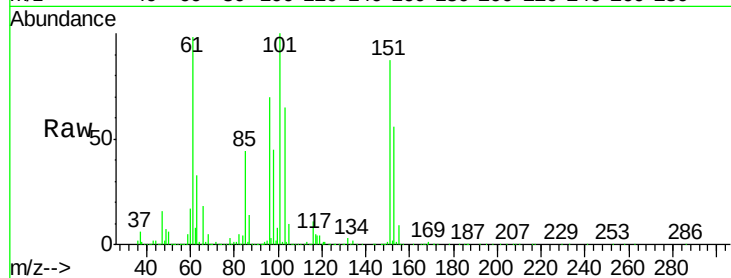
Tot Ion:101 Resp: 227285

Ion Ratio Lower Upper

101 100

85 42.8 34.1 51.1

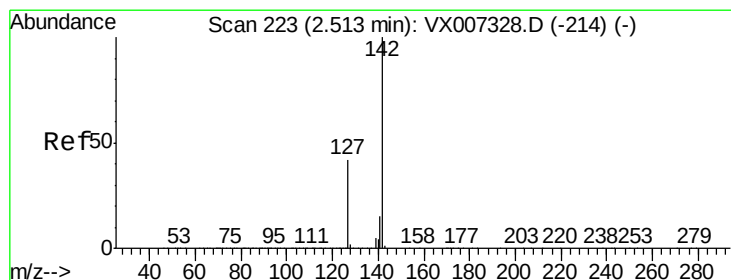
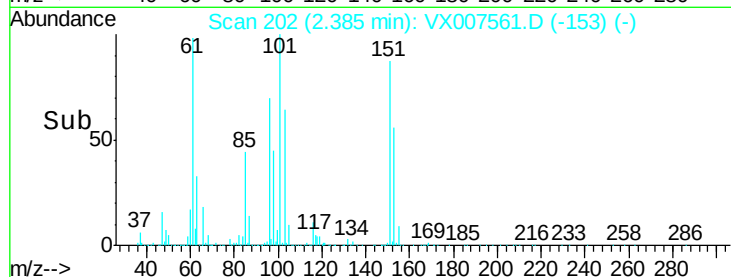
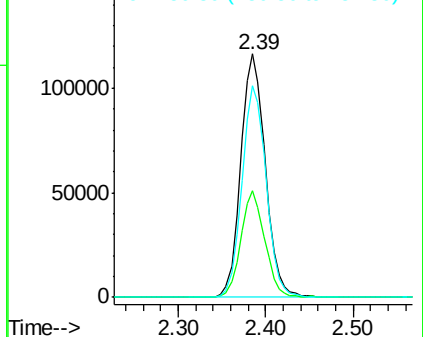
151 85.6 69.9 104.9



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: 35.516 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

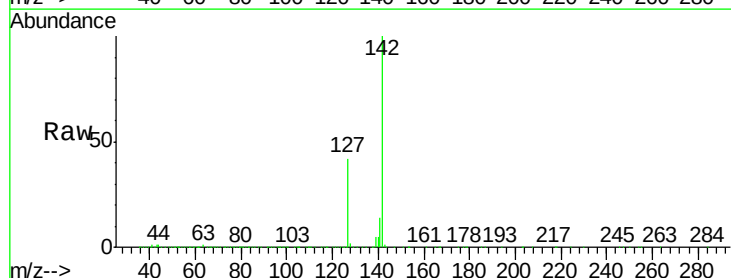
Tgt Ion:142 Resp: 260682

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

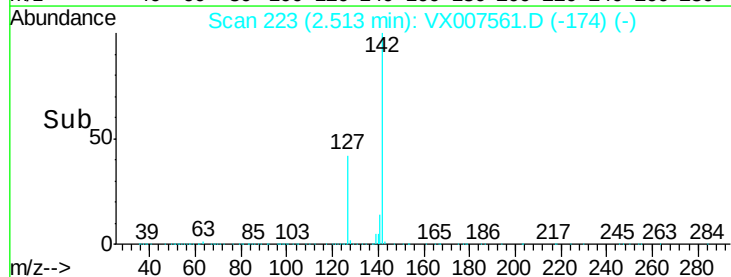
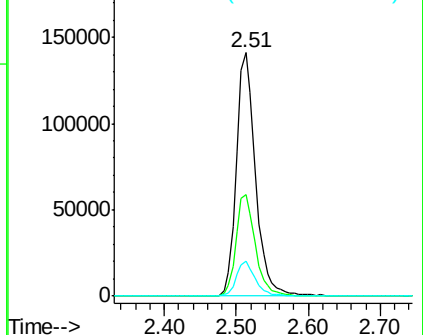
141 14.2 11.3 16.9

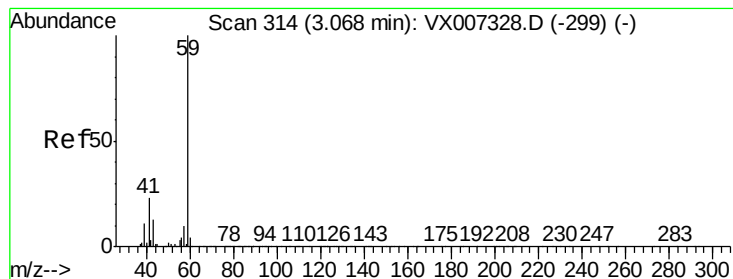


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



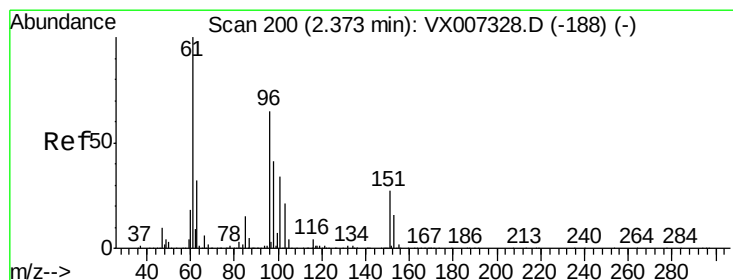
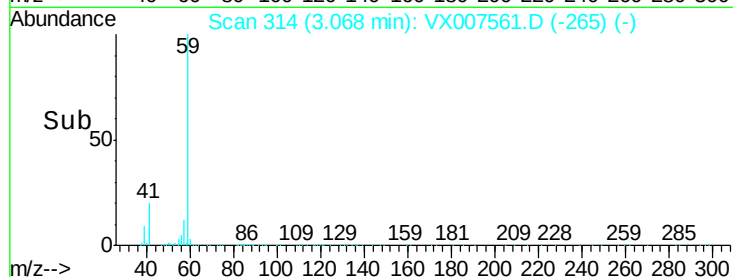
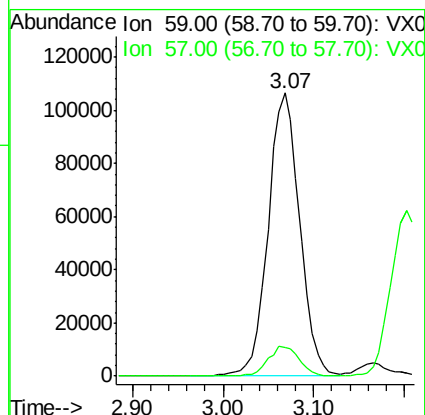
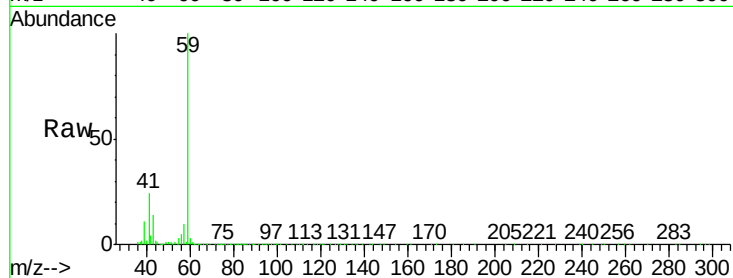


#11

Tert butyl alcohol
Concen: 240.009 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

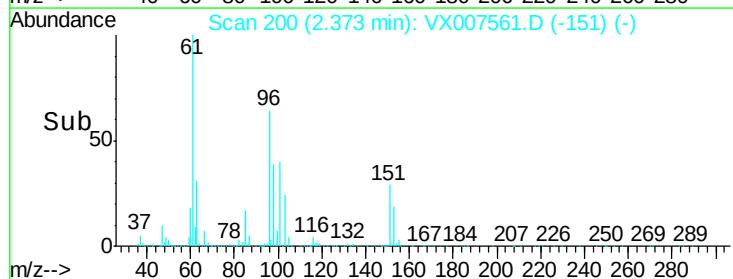
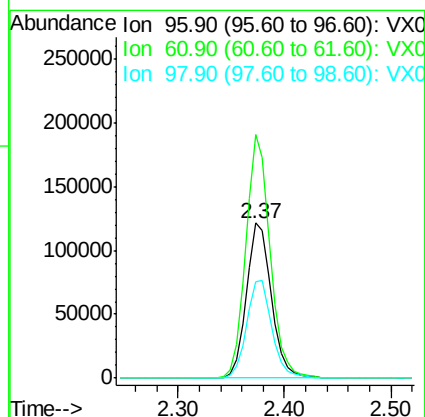
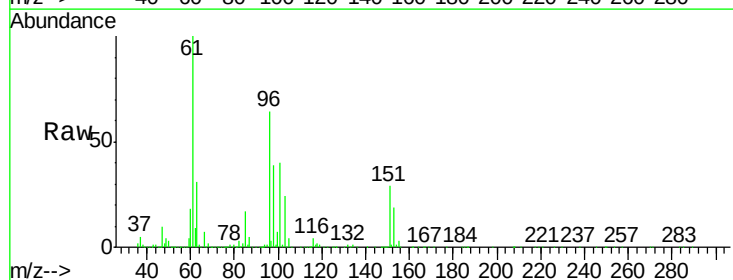
Tot Ion: 59 Resp: 255834
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

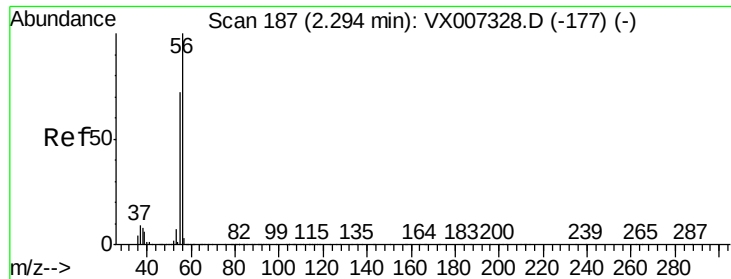


#12

1,1-Dichloroethene
Concen: 43.223 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 96 Resp: 200265
Ion Ratio Lower Upper
96 100
61 157.0 123.0 184.4
98 62.0 50.9 76.3





#13

Acrolein

Concen: 233.176 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

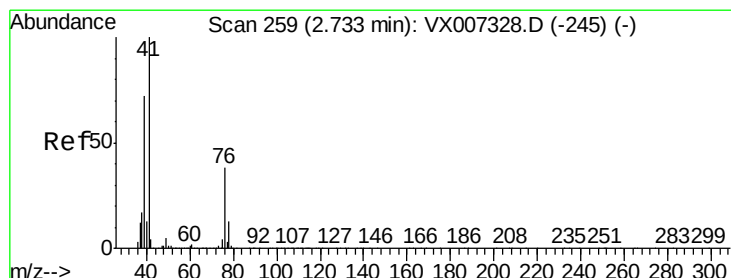
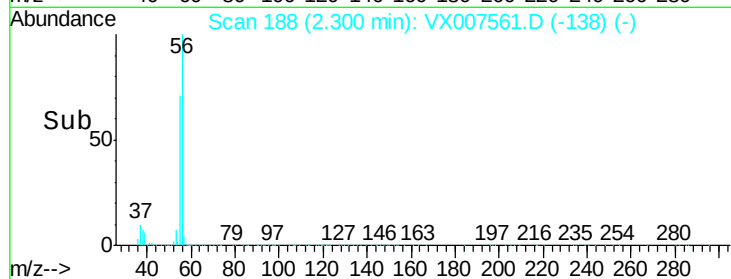
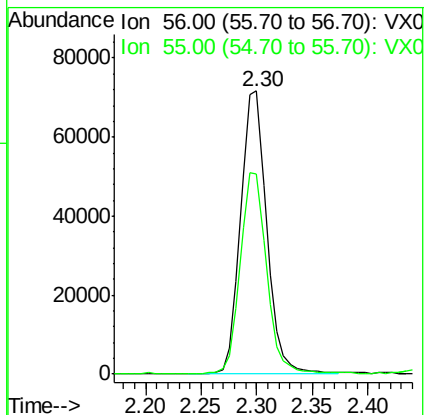
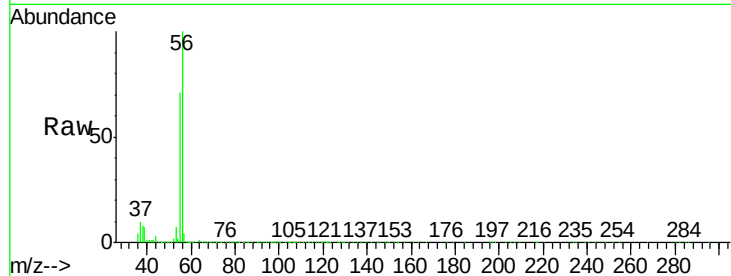
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 116552

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 46.415 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

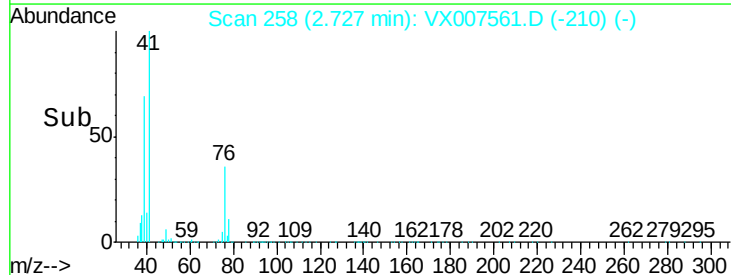
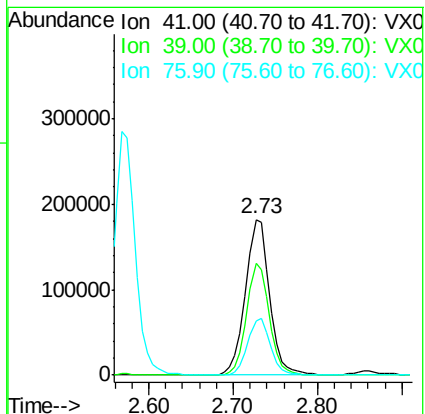
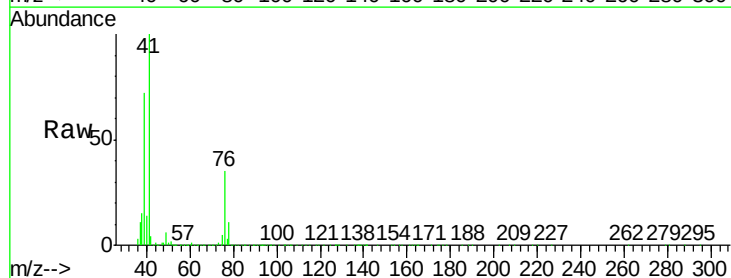
Tgt Ion: 41 Resp: 350404

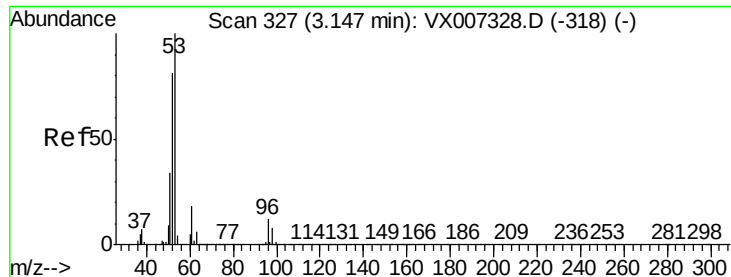
Ion Ratio Lower Upper

41 100

39 67.2 54.1 81.1

76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 235.833 ug/l

RT: 3.15 min Scan# 327

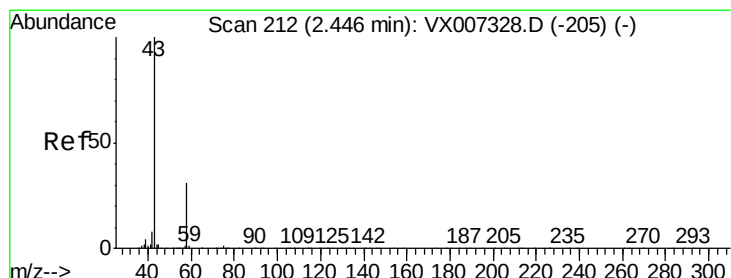
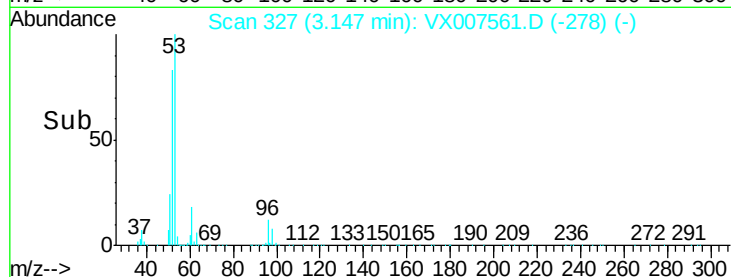
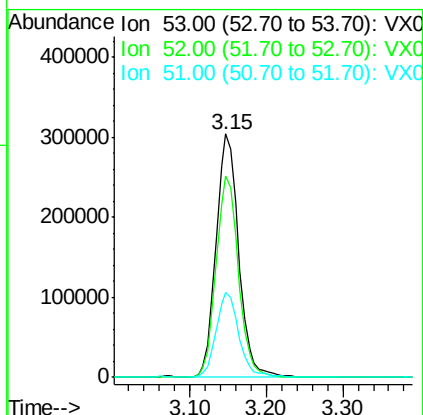
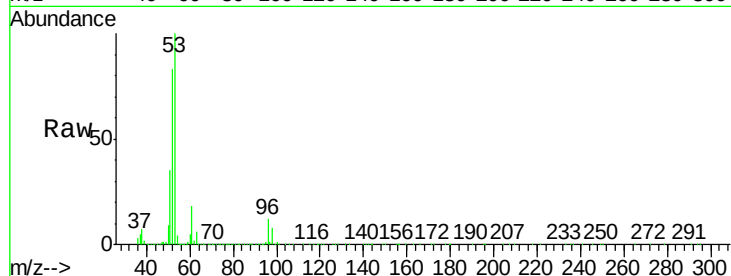
Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	53	Resp:	621870
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	35.2	28.4	42.6



#16

Acetone

Concen: 259.074 ug/l

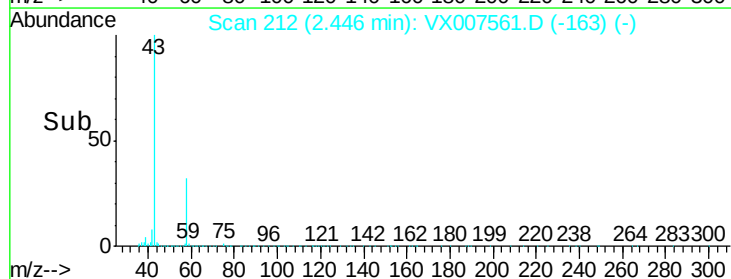
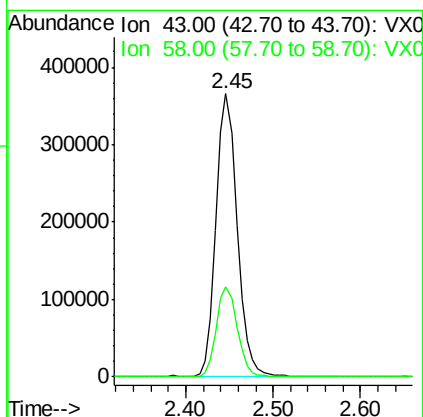
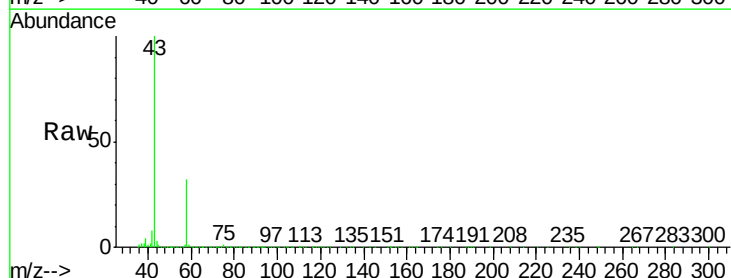
RT: 2.45 min Scan# 212

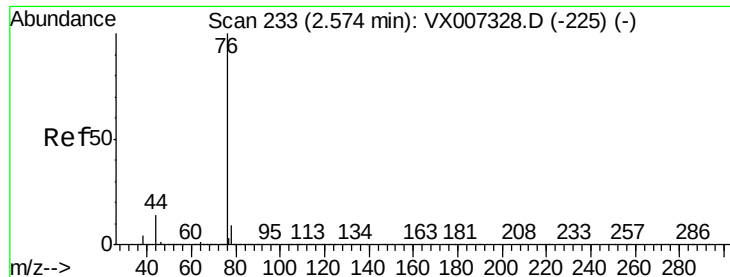
Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Tgt Ion:	43	Resp:	611256
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.9	37.3





#17

Carbon Disulfide

Concen: 40.742 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

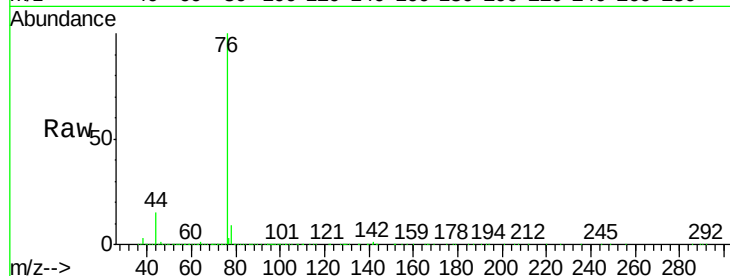
ClientSampleId :

Tot Ion: 76 Resp: 488654

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

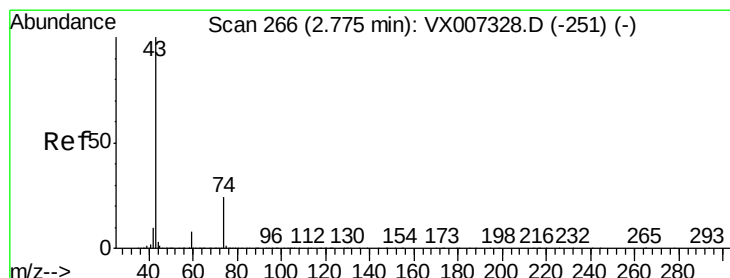
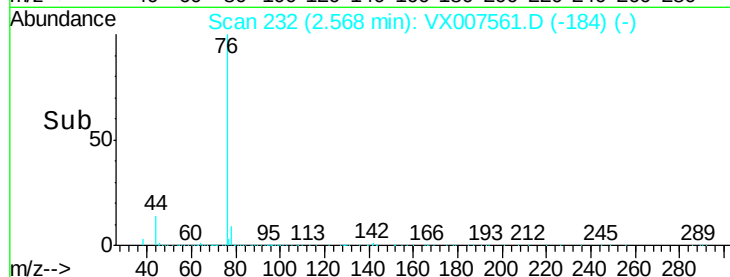
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 54.963 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007561.D

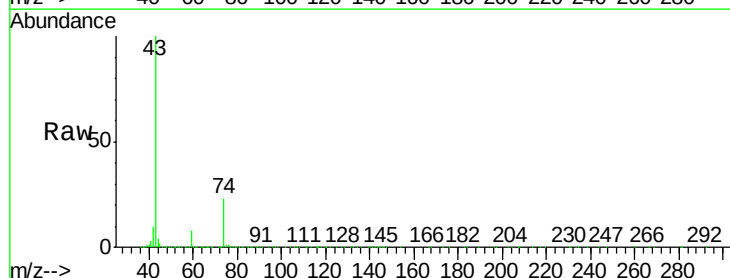
Acq: 15 Feb 2019 11:56

Tgt Ion: 43 Resp: 338249

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

150000

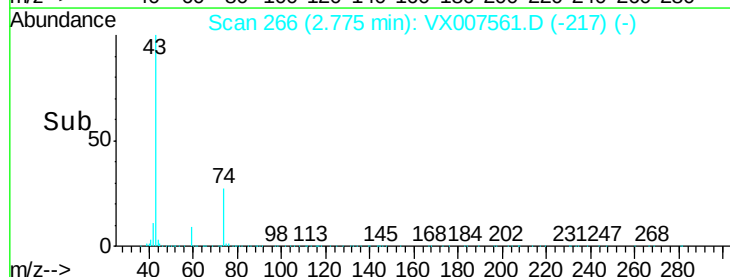
100000

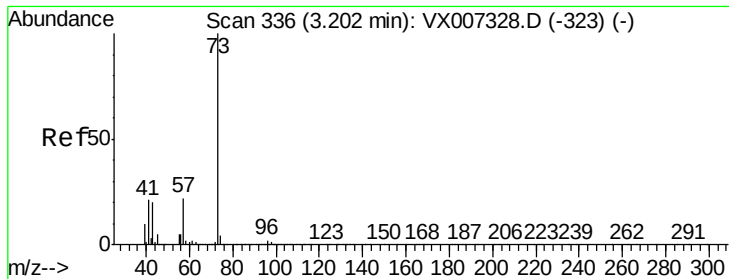
50000

0

2.70 2.75 2.80 2.85

Time-->

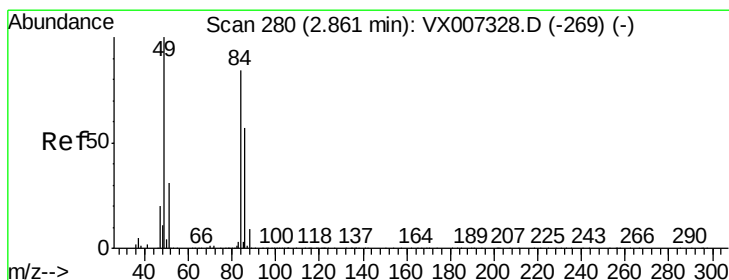
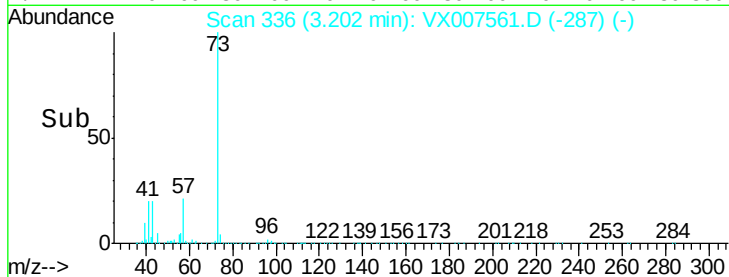
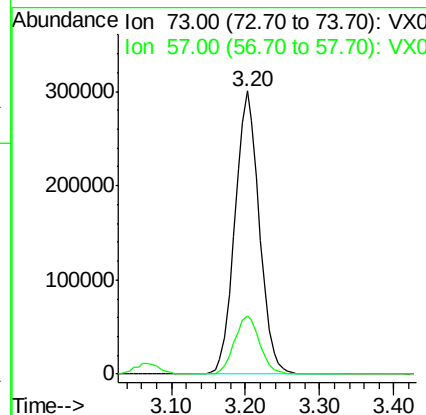
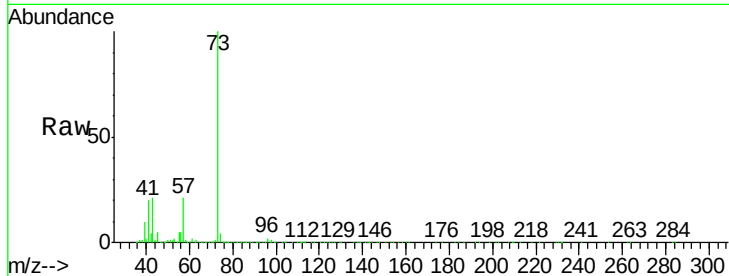




#19
Methyl tert-butyl Ether
Concen: 45.727 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

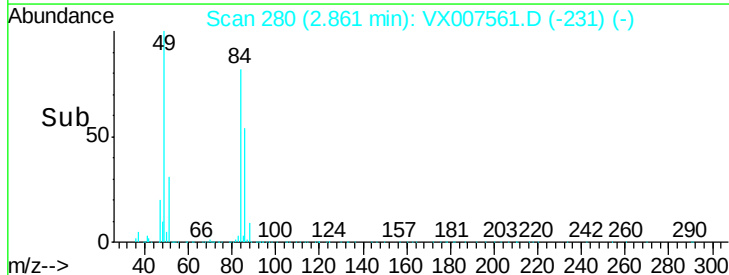
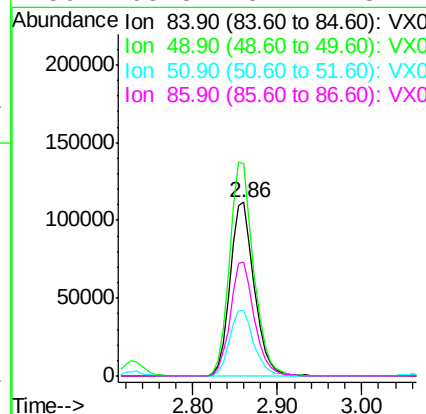
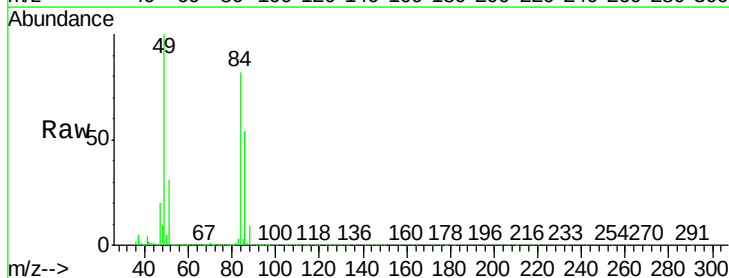
Instrument :
MSVOA_W
ClientSampleId :

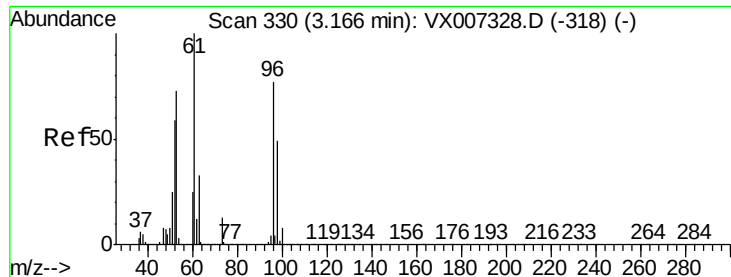
Tot Ion: 73 Resp: 686388
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 45.178 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 84 Resp: 217908
Ion Ratio Lower Upper
84 100
49 122.0 94.8 142.2
51 37.3 29.8 44.8
86 65.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 42.503 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

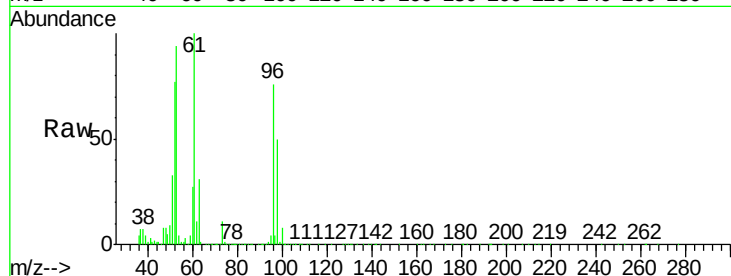
Tot Ion: 96 Resp: 209779

Ion Ratio Lower Upper

96 100

61 131.8 104.6 156.8

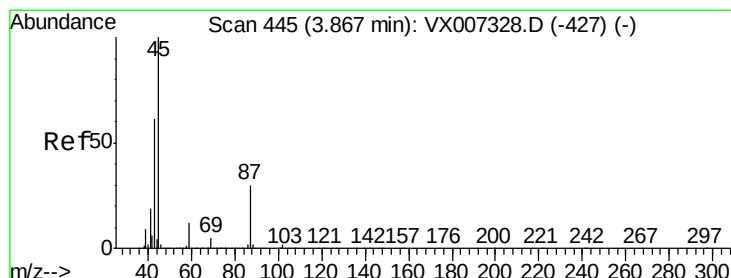
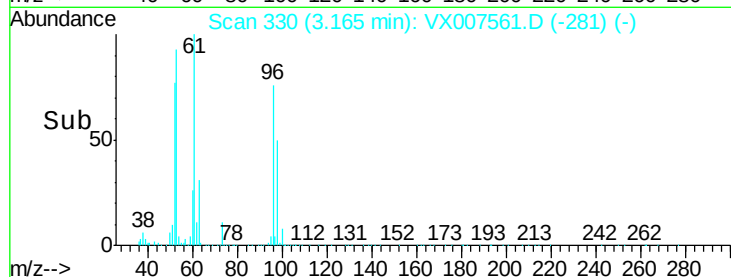
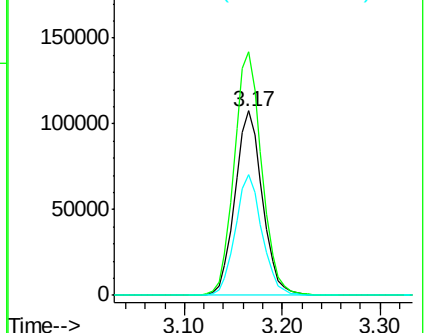
98 65.5 51.0 76.4



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: 49.429 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Tgt Ion: 45 Resp: 686392

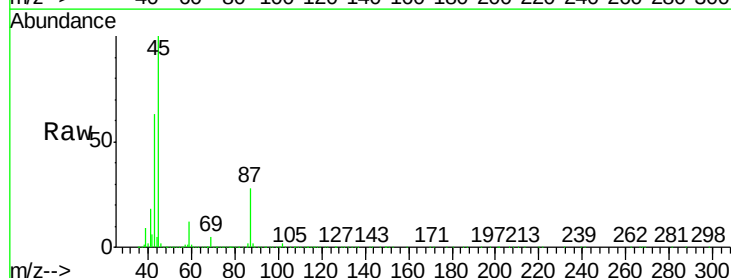
Ion Ratio Lower Upper

45 100

43 62.7 48.9 73.3

87 28.2 23.9 35.9

59 11.8 9.6 14.4

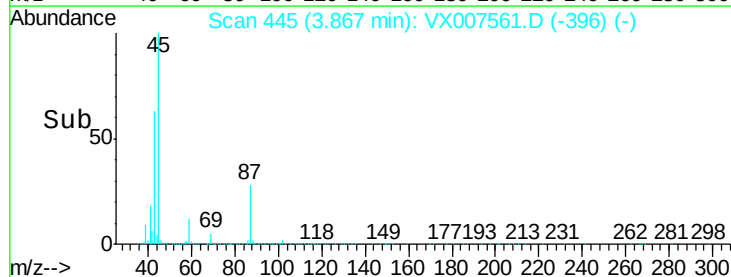
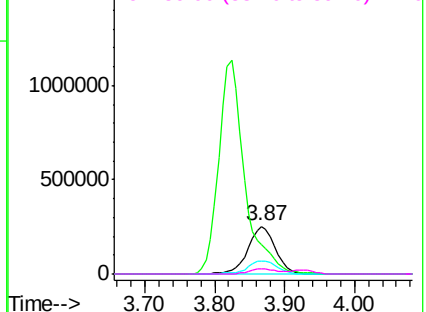


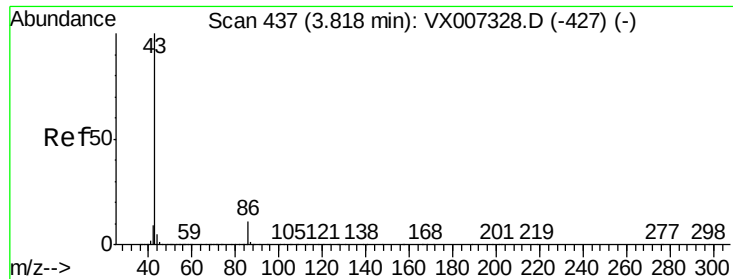
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 254.758 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

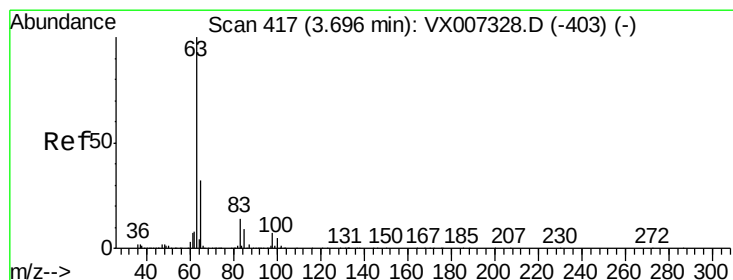
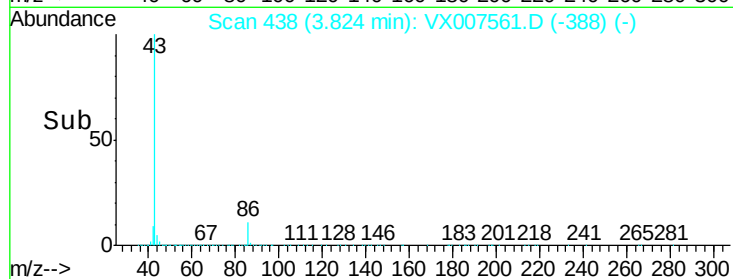
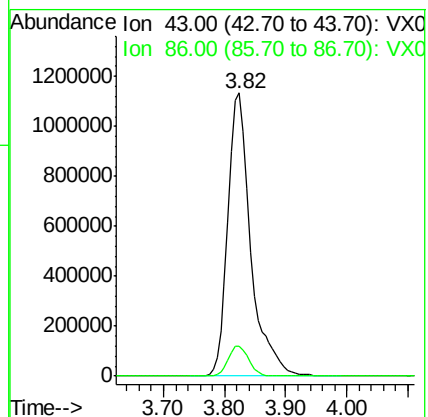
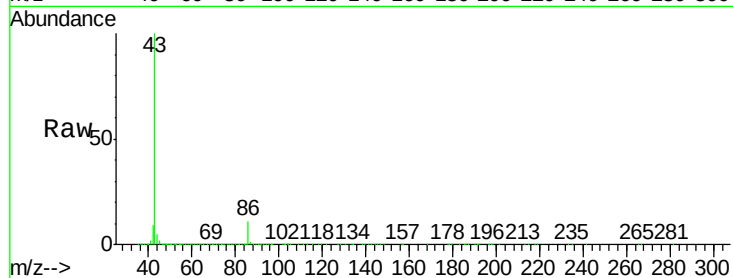
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2935672

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.383 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

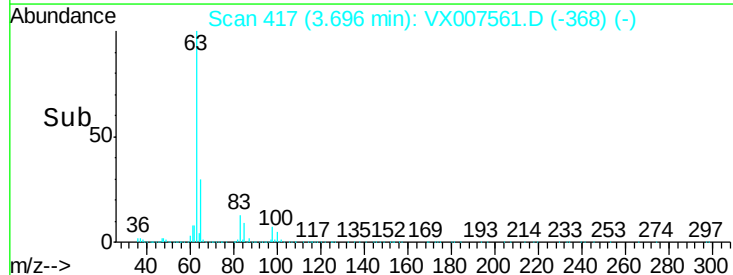
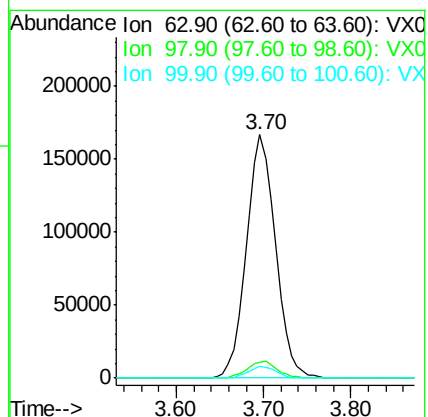
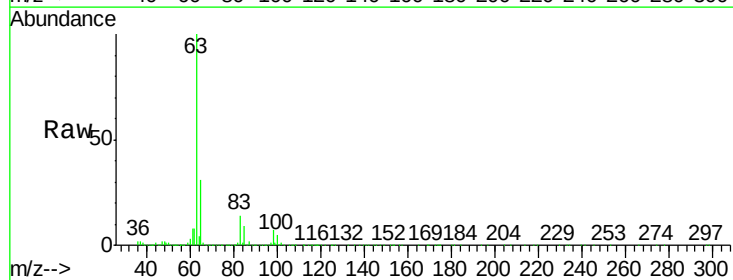
Tgt Ion: 63 Resp: 385837

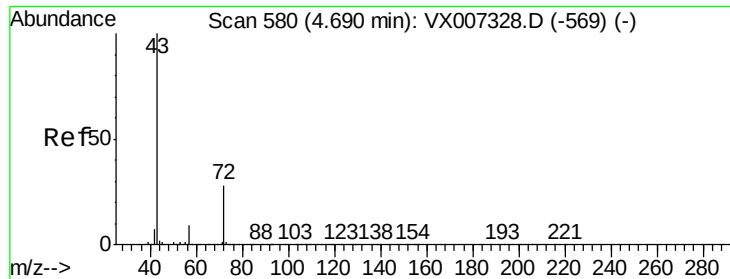
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 253.885 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

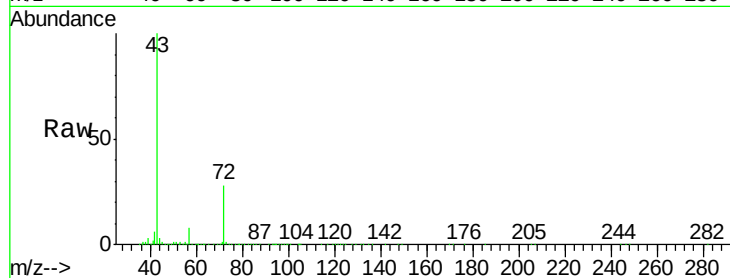
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 852468

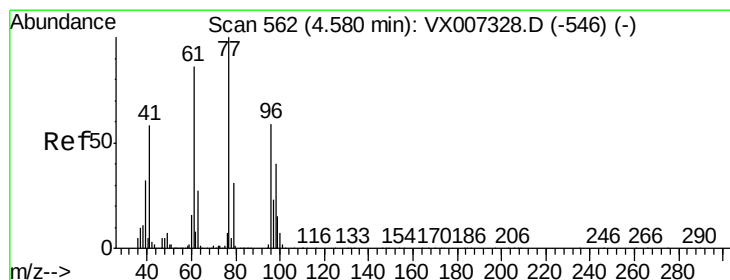
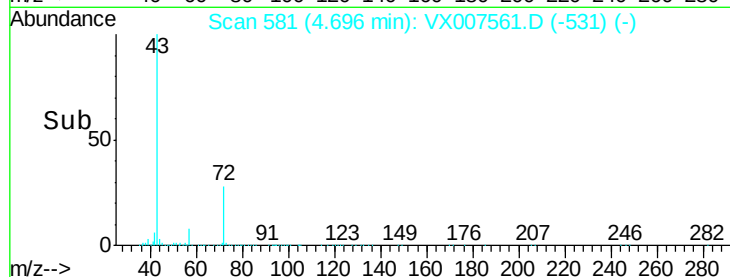
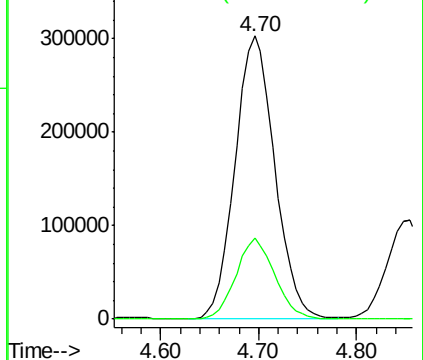
Ion Ratio Lower Upper

43 100

72 28.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.042 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007561.D

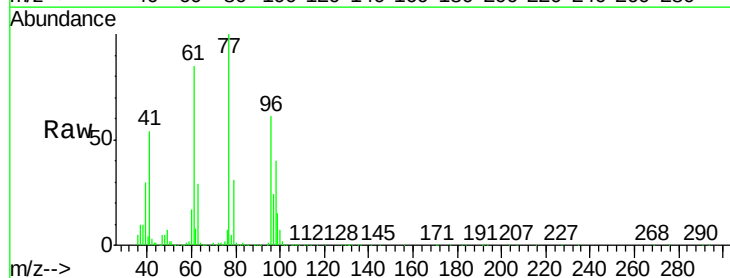
Acq: 15 Feb 2019 11:56

Tgt Ion: 77 Resp: 297842

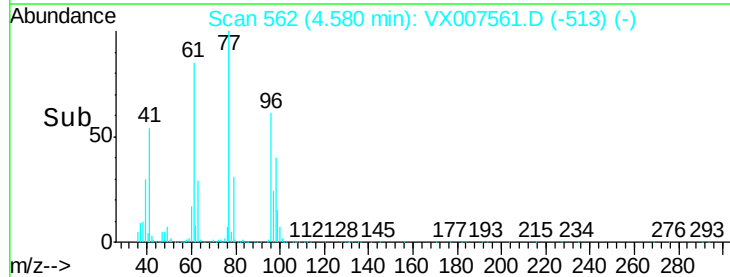
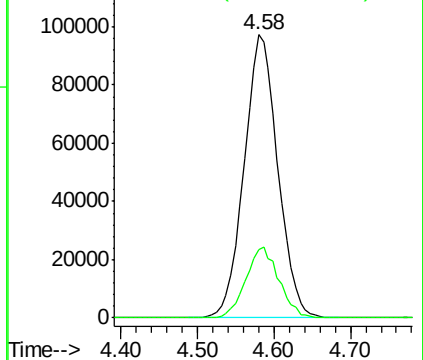
Ion Ratio Lower Upper

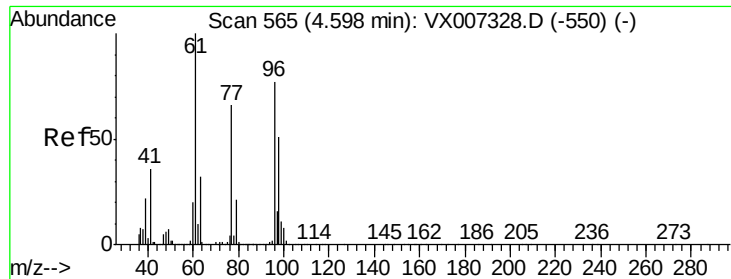
77 100

97 24.7 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



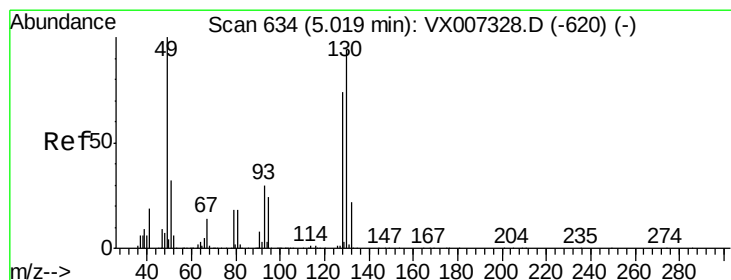
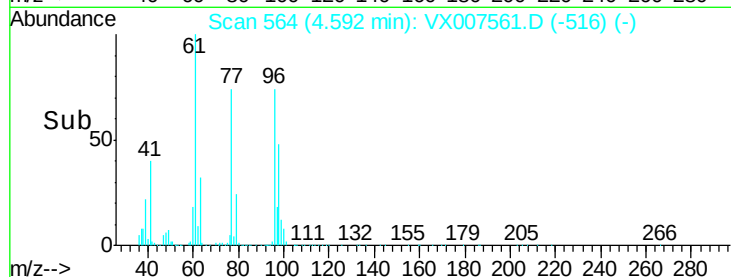
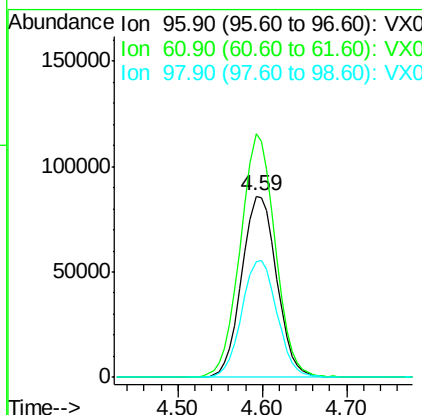
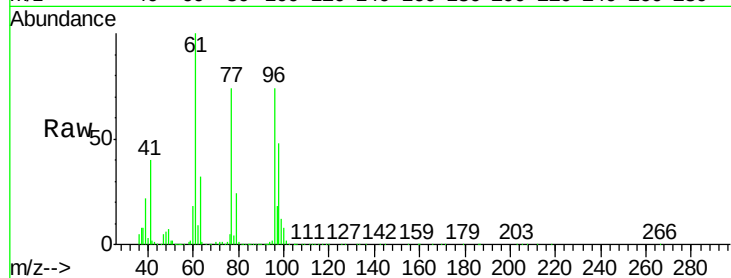


#27

cis-1,2-Dichloroethene
Concen: 44.986 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

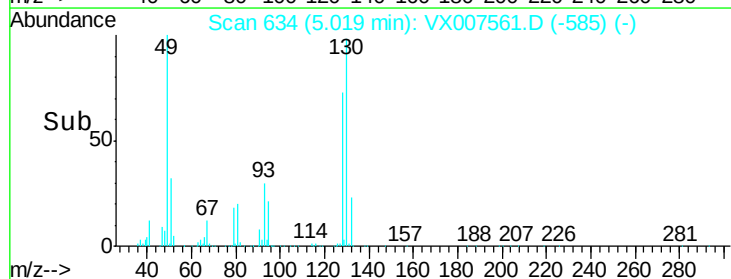
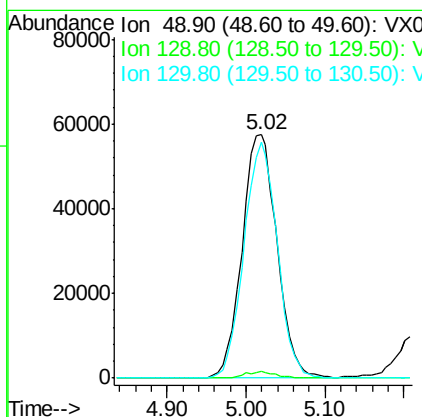
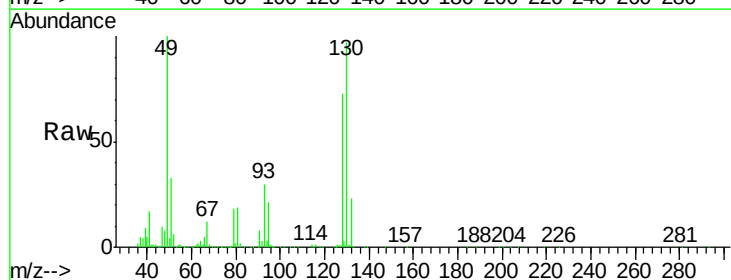
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	265.6
98	65.2	0.0	131.6

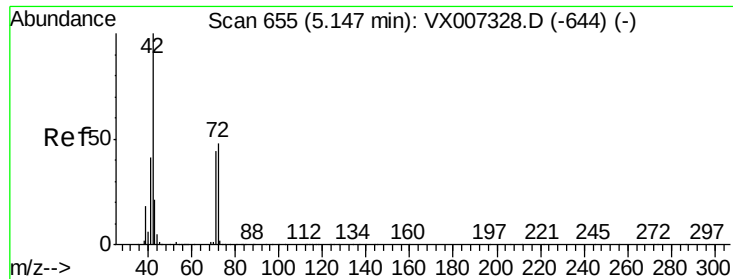


#28

Bromochloromethane
Concen: 48.012 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	93.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 250.531 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

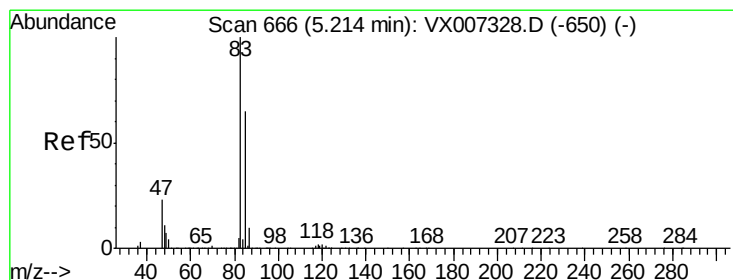
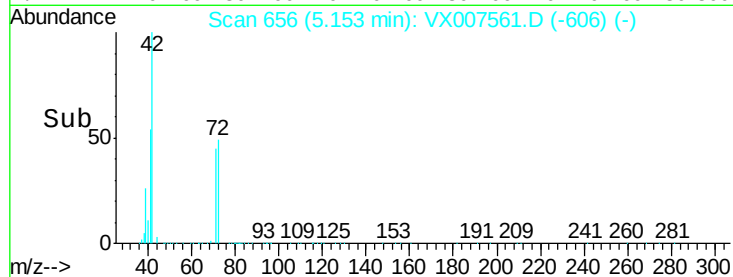
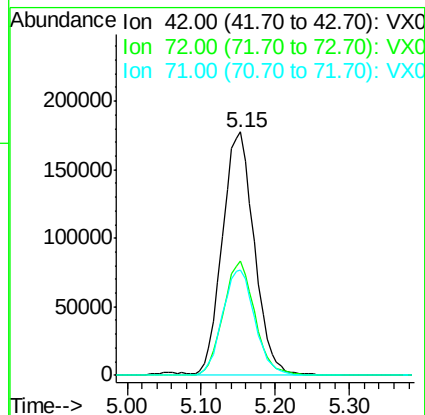
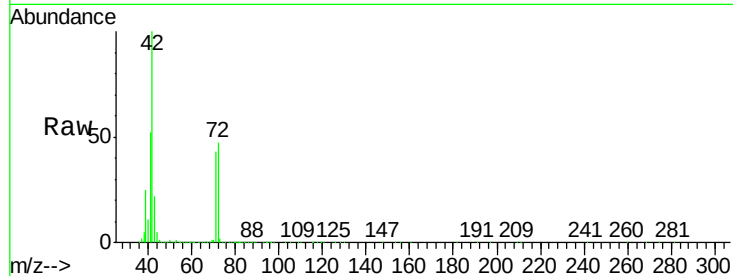
Tot Ion: 42 Resp: 529062

Ion Ratio Lower Upper

42 100

72 46.4 37.6 56.4

71 43.9 34.6 51.8



#30

Chloroform

Concen: 46.769 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007561.D

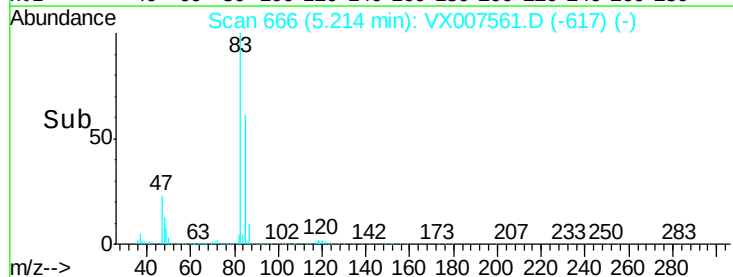
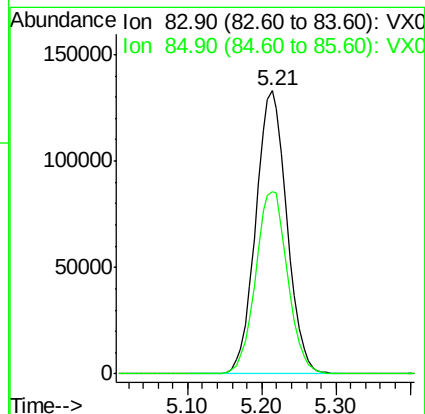
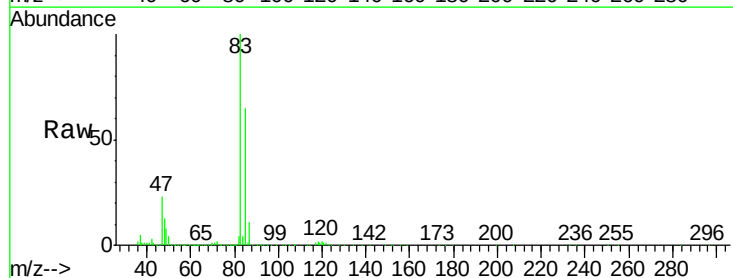
Acq: 15 Feb 2019 11:56

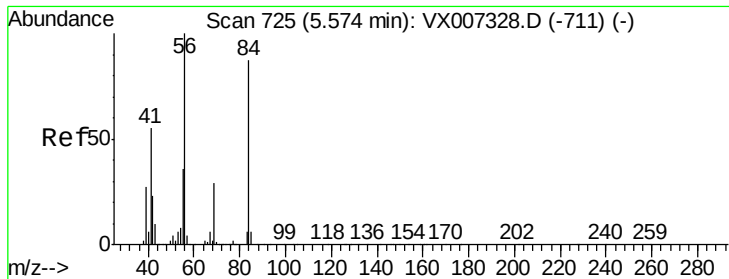
Tgt Ion: 83 Resp: 389190

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4





#31

Cyclohexane

Concen: 44.808 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

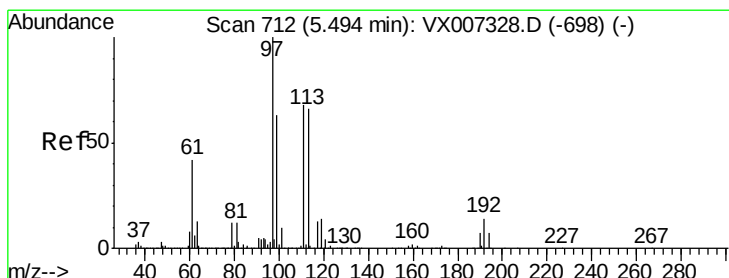
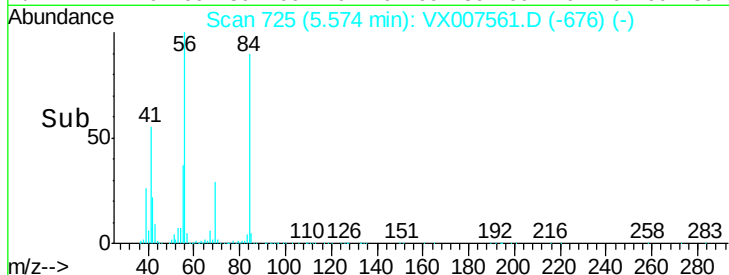
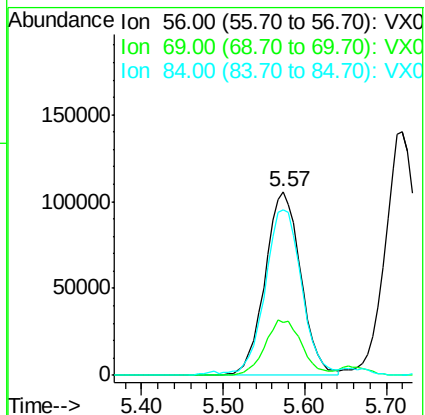
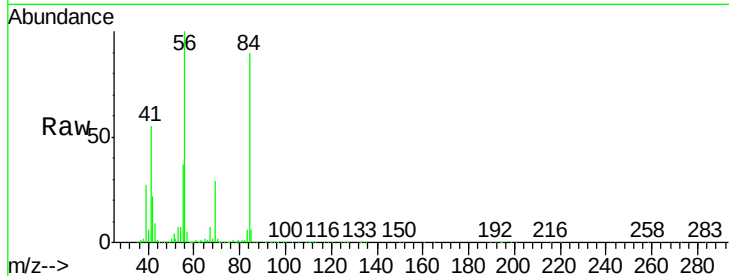
Tot Ion: 56 Resp: 320935

Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.6

84 89.9 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 47.835 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

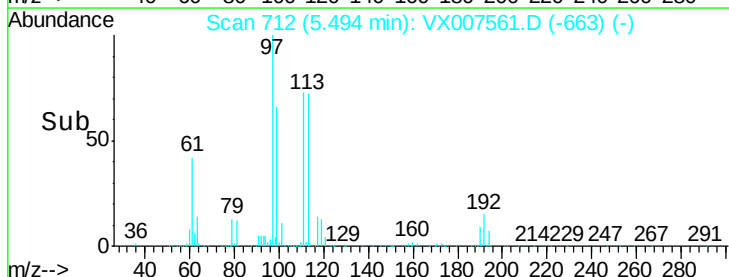
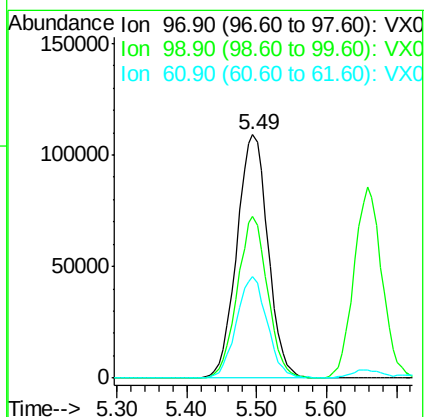
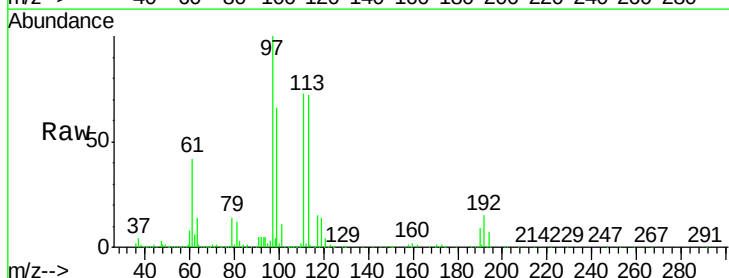
Tgt Ion: 97 Resp: 336002

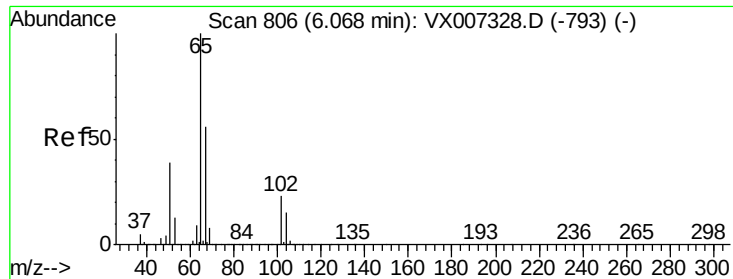
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 41.4 32.7 49.1

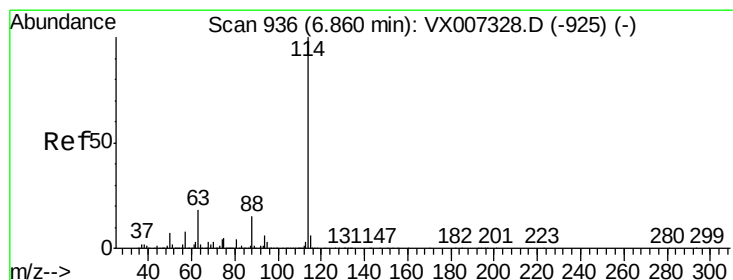
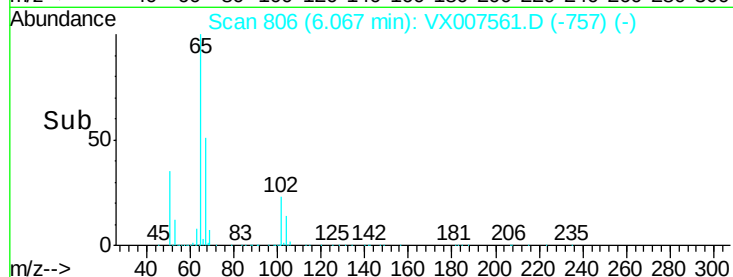
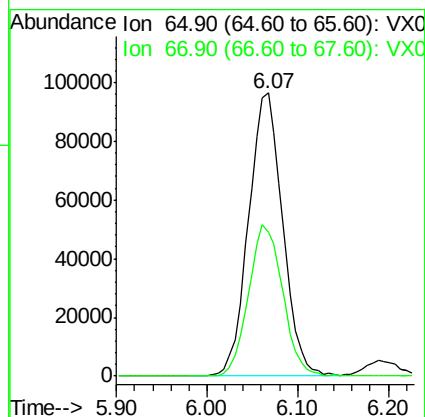
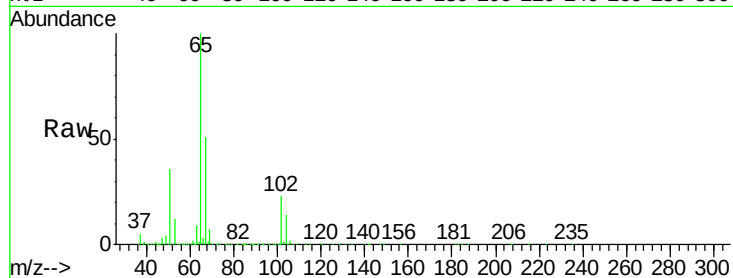




#33
 1,2-Dichloroethane-d4
 Concen: 48.683 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

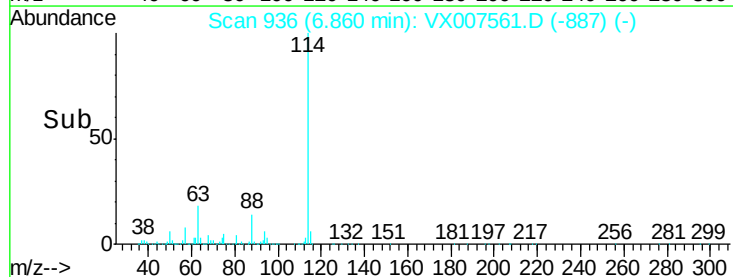
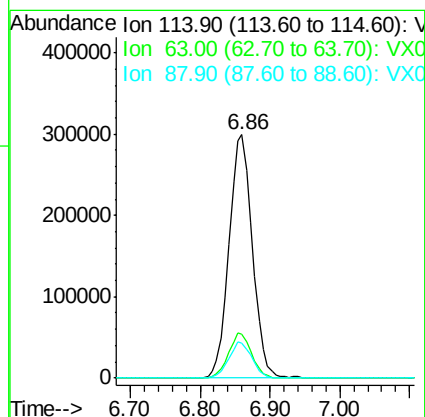
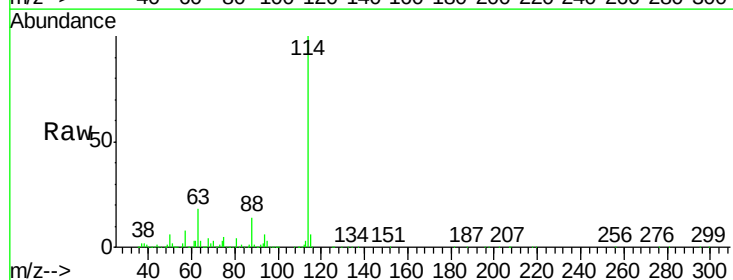
Instrument :
 MSVOA_W
 ClientSampled :

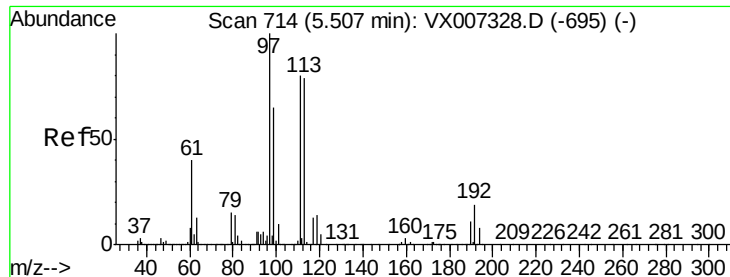
Tot Ion: 65 Resp: 250748
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

Tgt Ion: 114 Resp: 694126
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.371 ug/l

RT: 5.50 min Scan# 713

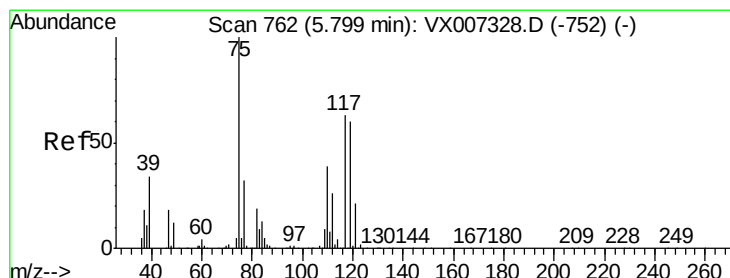
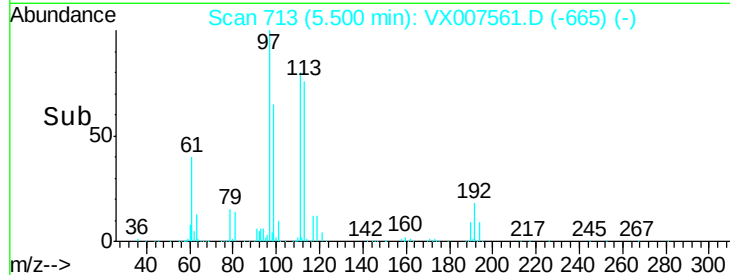
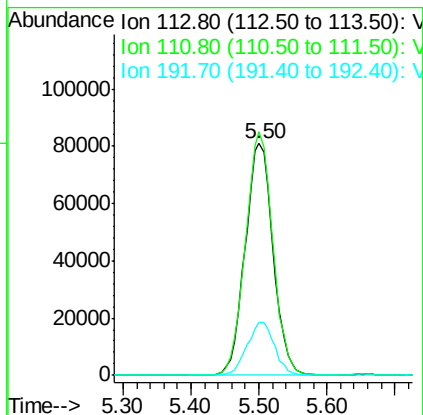
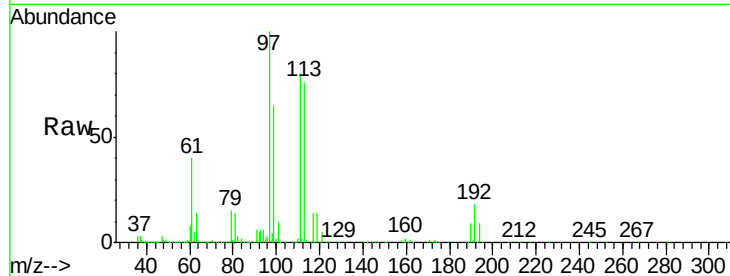
Delta R.T. -0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	113	Resp:	232015
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	22.7	18.5	27.7



#36

1,1-Dichloropropene

Concen: 45.426 ug/l

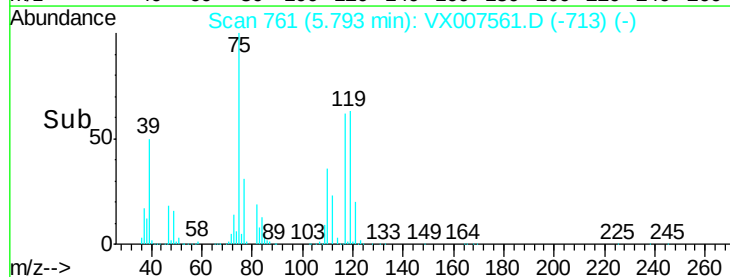
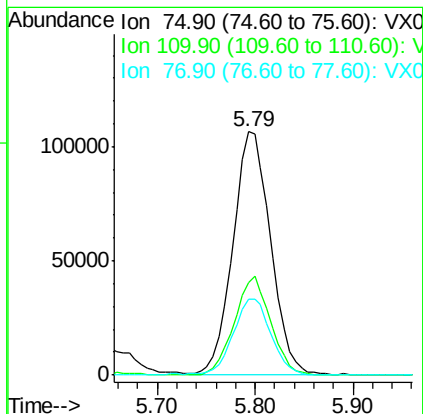
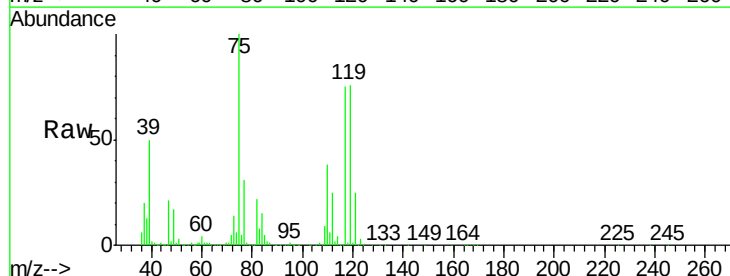
RT: 5.79 min Scan# 761

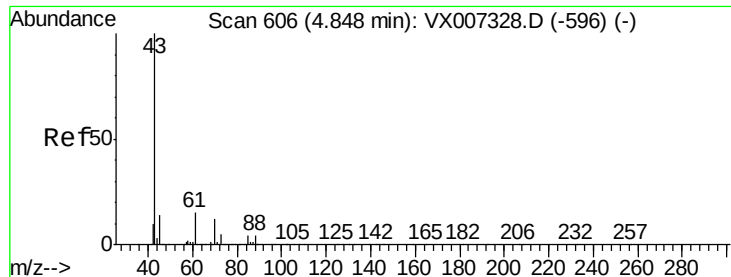
Delta R.T. -0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Tgt Ion:	75	Resp:	282910
Ion	Ratio	Lower	Upper
75	100		
110	39.4	20.0	59.9
77	30.8	24.7	37.1

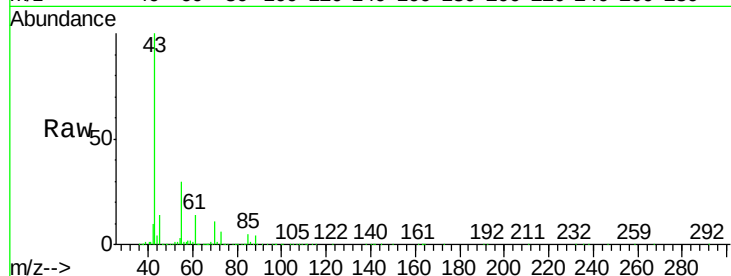




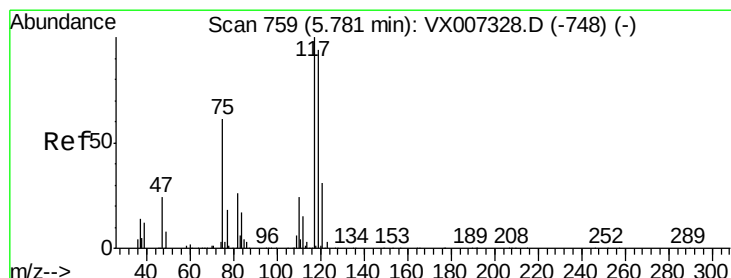
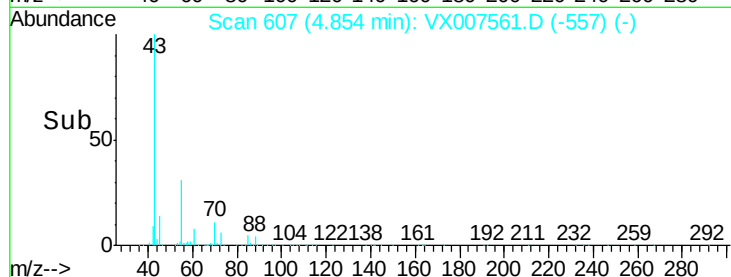
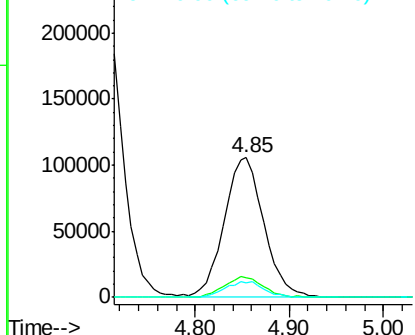
#37
Ethyl Acetate
Concen: 48.553 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.4	8.6	13.0

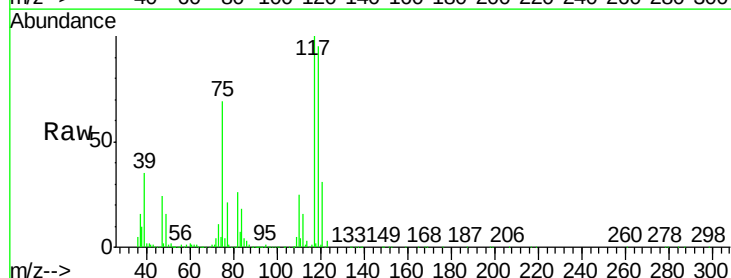


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

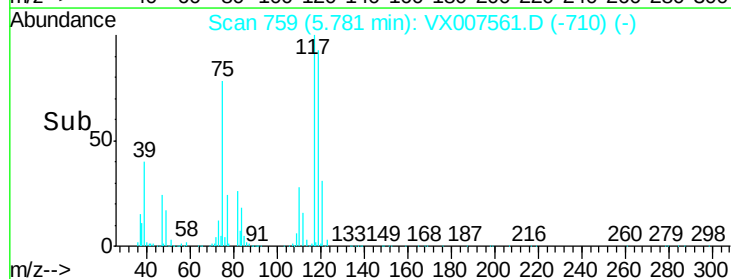
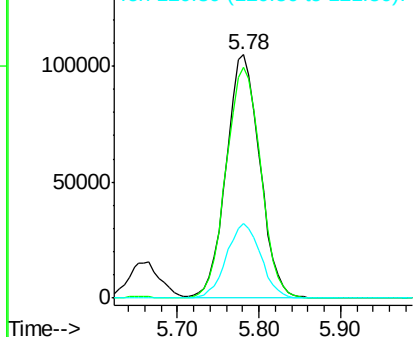


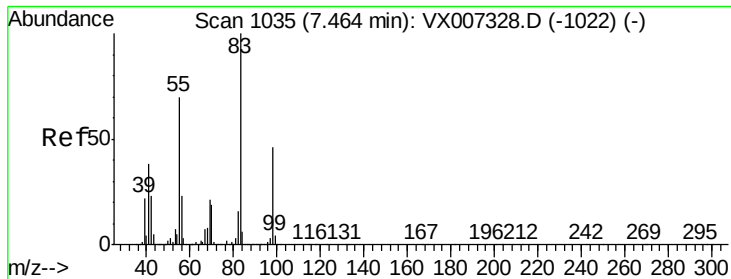
#38
Carbon Tetrachloride
Concen: 49.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.3	112.9
121	30.9	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

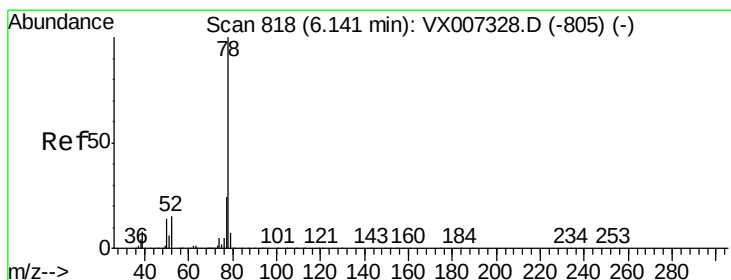
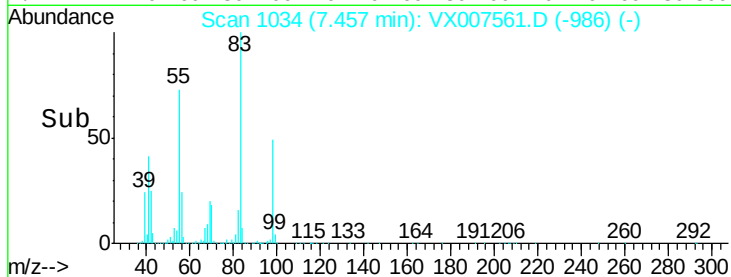
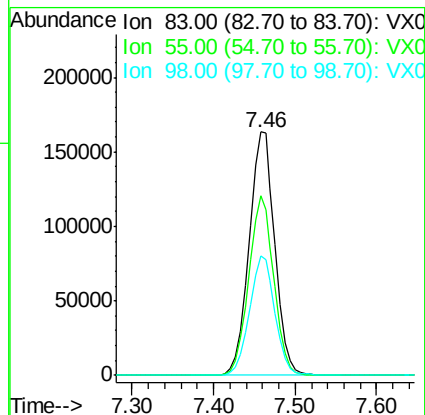
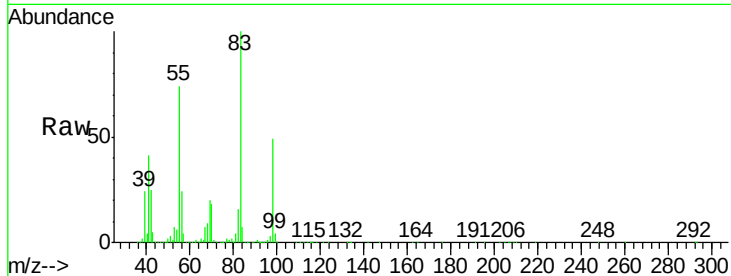




#39
Methylvlcyclohexane
Concen: 47.417 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

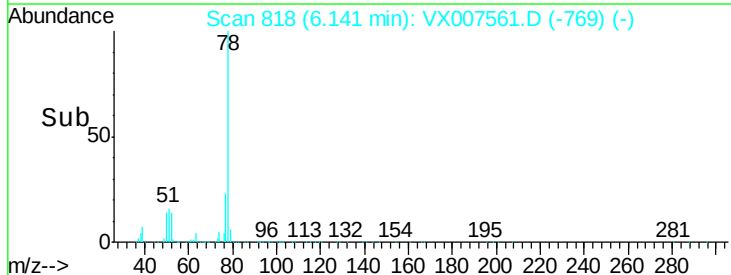
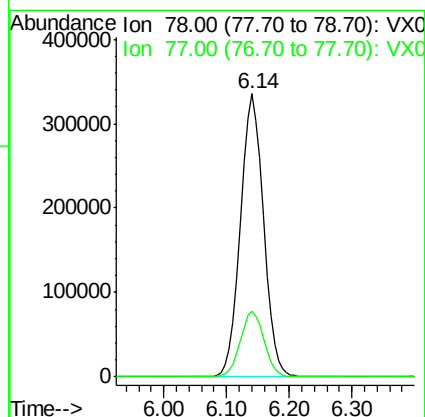
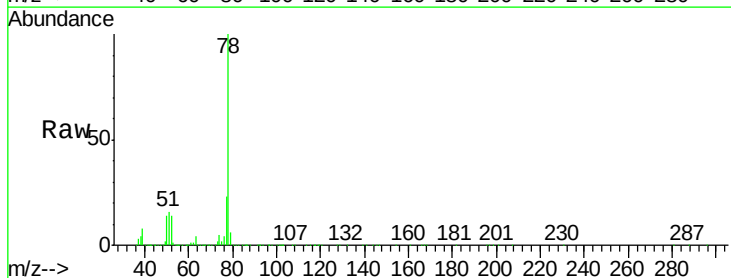
Instrument :
MSVOA_W
ClientSampleId :

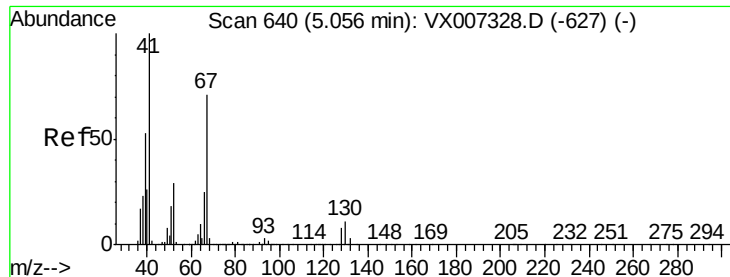
Tot Ion: 83 Resp: 357295
Ion Ratio Lower Upper
83 100
55 73.5 56.2 84.2
98 48.9 36.8 55.2



#40
Benzene
Concen: 46.789 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 78 Resp: 858380
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

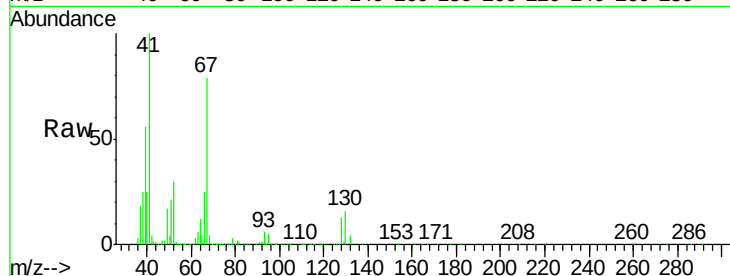




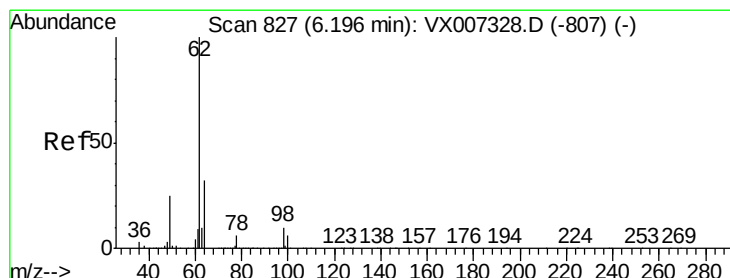
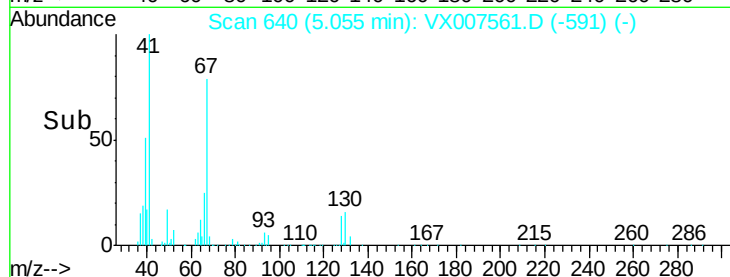
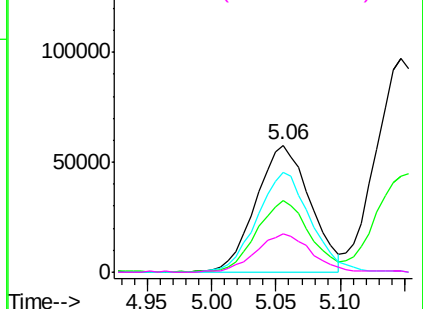
#41
Methacrylonitrile
Concen: 49.740 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	167833
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	77.3	60.4	90.6
52	30.7	24.1	36.1

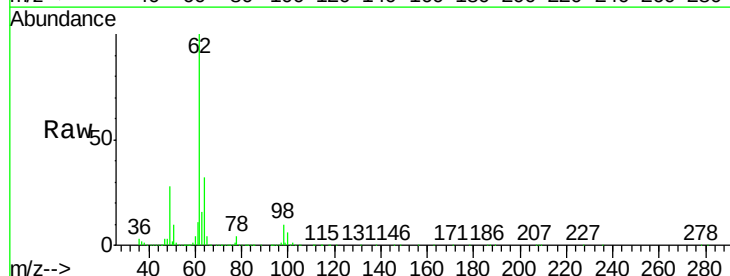


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

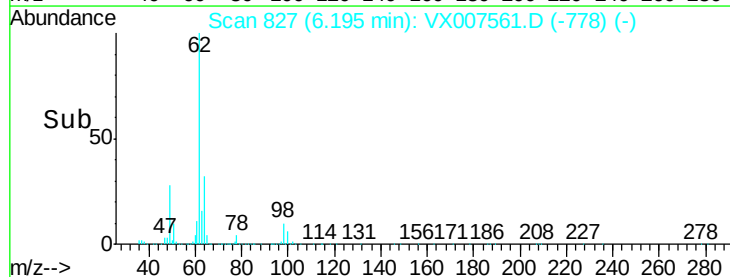
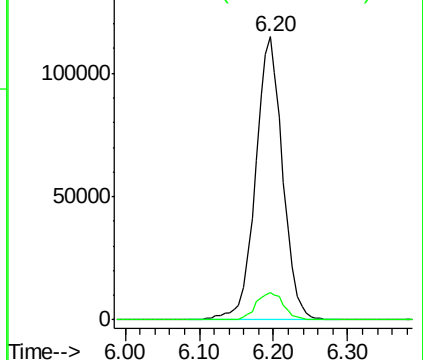


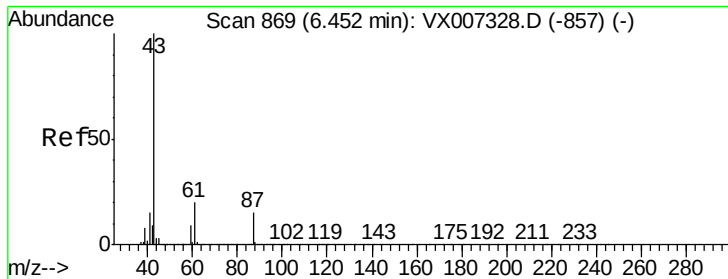
#42
1,2-Dichloroethane
Concen: 45.813 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion:	62	Resp:	290800
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.360 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

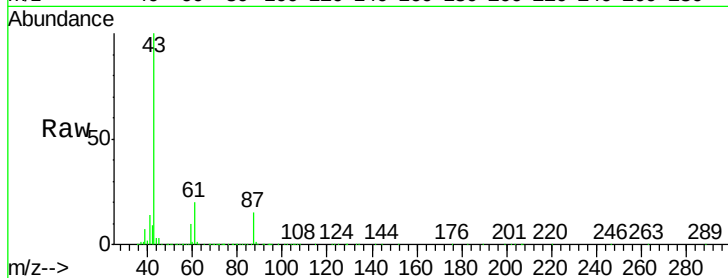
Tot Ion: 43 Resp: 489371

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

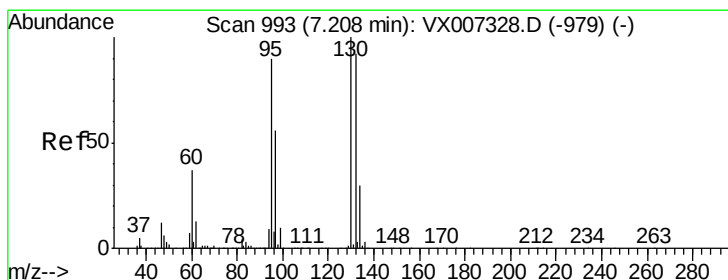
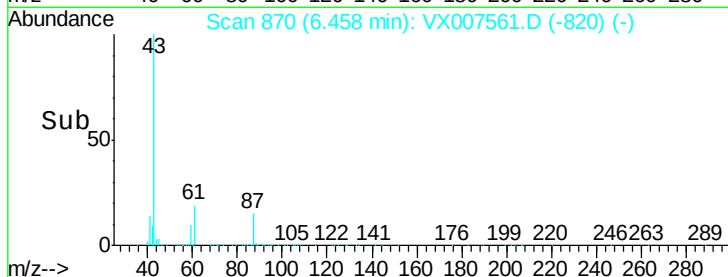
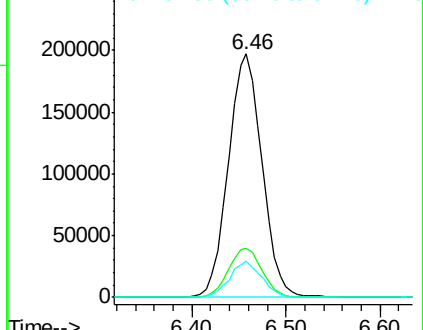
87 14.4 11.5 17.3



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: 45.831 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX007561.D

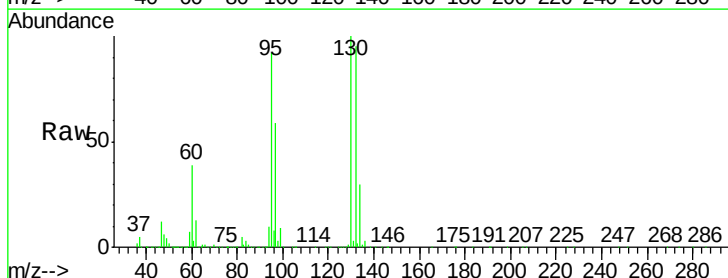
Acq: 15 Feb 2019 11:56

Tgt Ion:130 Resp: 253231

Ion Ratio Lower Upper

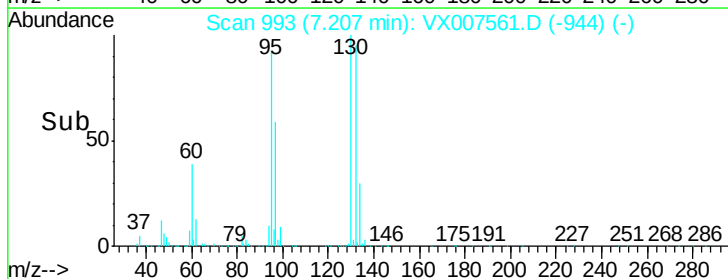
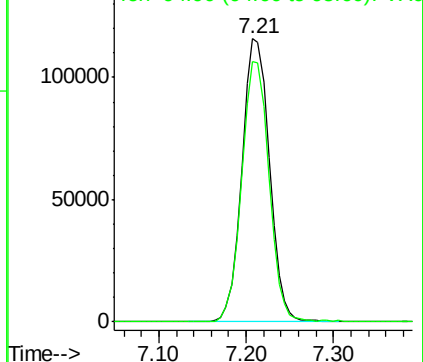
130 100

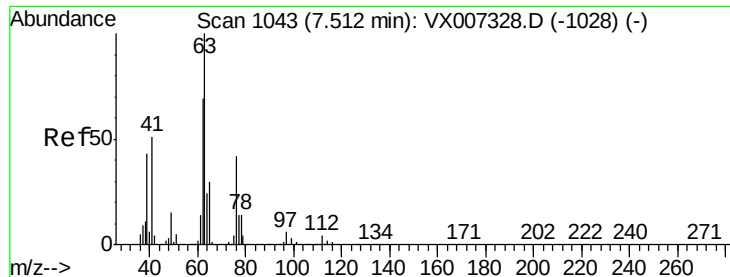
95 92.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

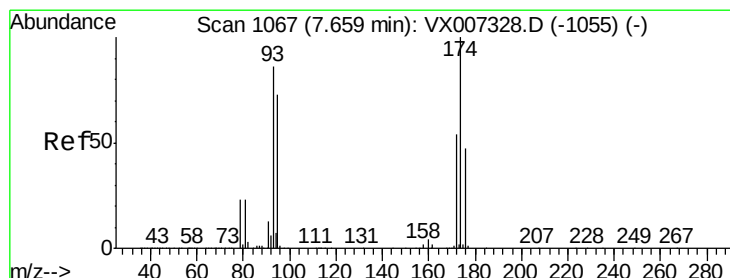
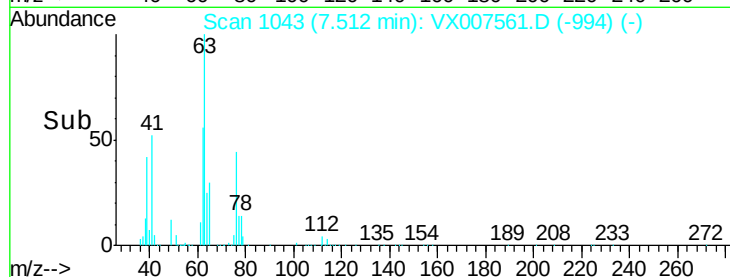
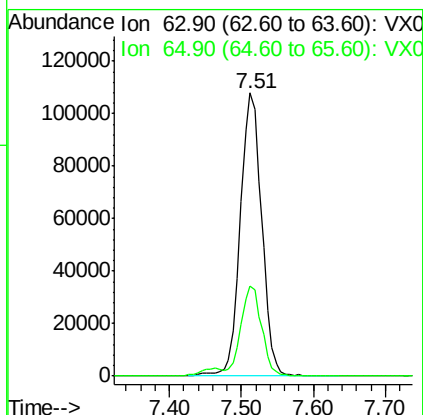
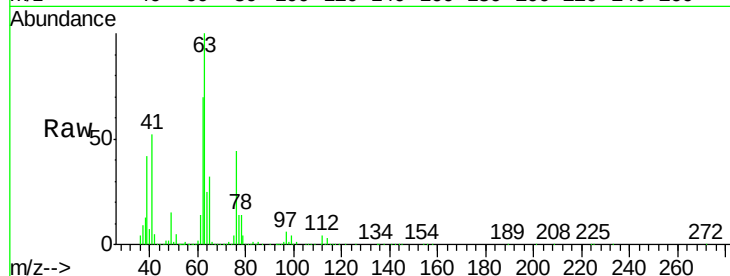




#45
 1,2-Dichloropropane
 Concen: 48.102 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

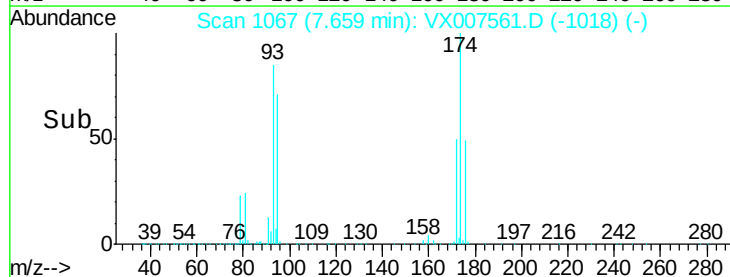
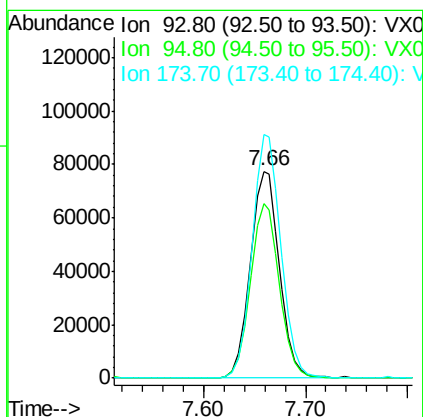
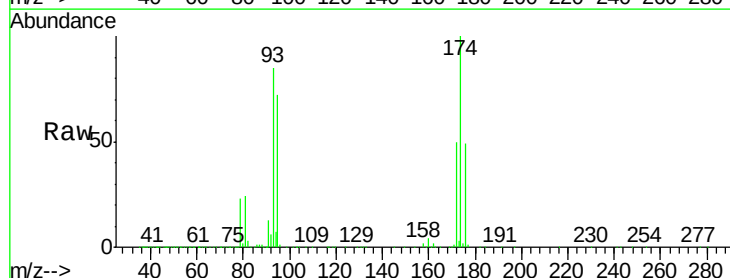
Instrument :
 MSVOA_W
 ClientSampleId :

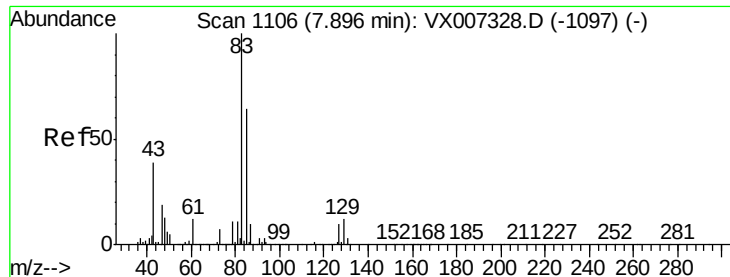
Tot Ion: 63 Resp: 221104
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.2 36.2



#46
 Dibromomethane
 Concen: 46.082 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

Tgt Ion: 93 Resp: 153952
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.6 101.4
 174 116.6 94.2 141.4





#47

Bromodichloromethane

Concen: 50.515 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

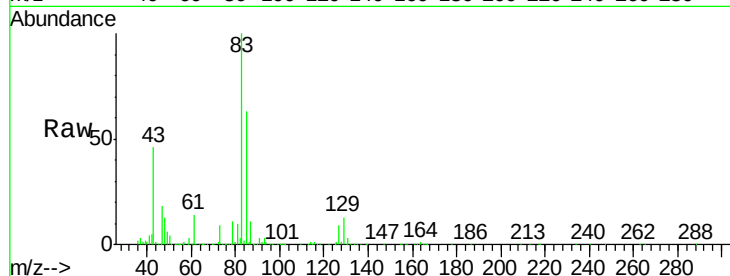
Tot Ion: 83 Resp: 286009

Ion Ratio Lower Upper

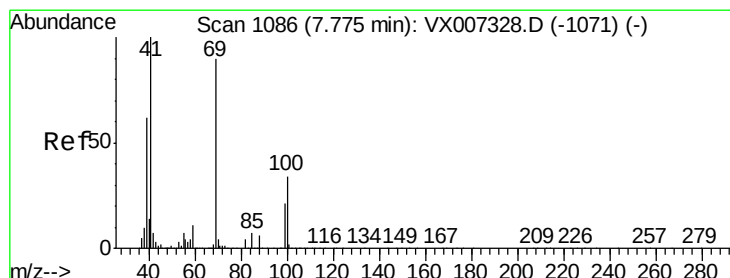
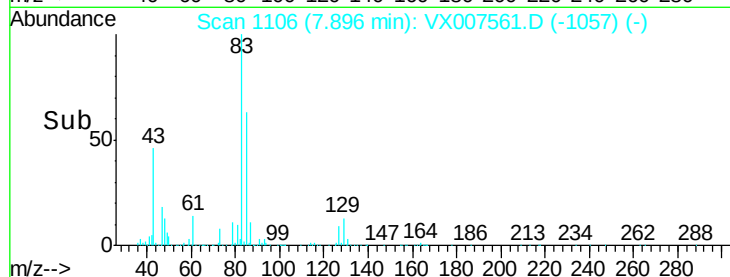
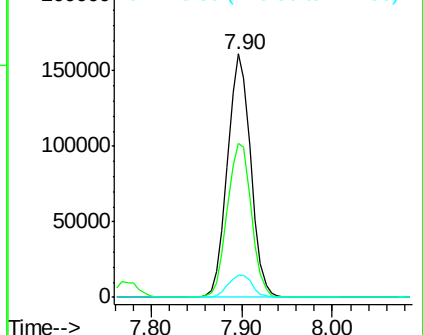
83 100

85 63.4 51.4 77.0

127 9.2 8.1 12.1



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: 52.068 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

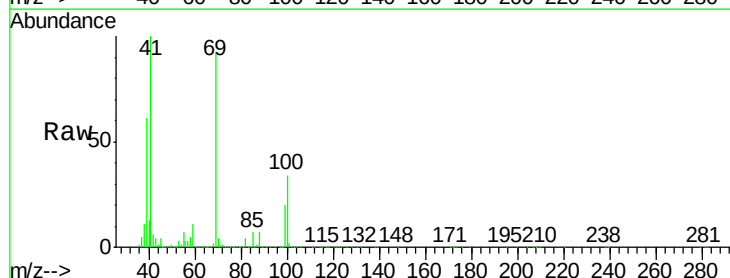
Tgt Ion: 41 Resp: 253083

Ion Ratio Lower Upper

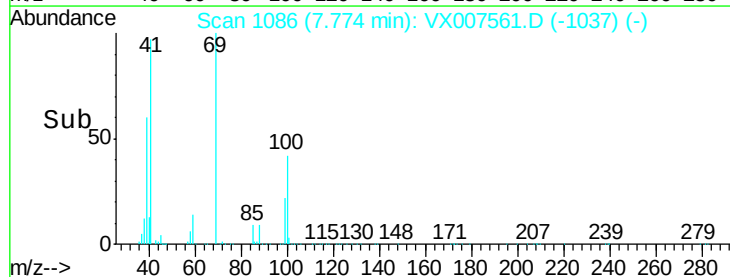
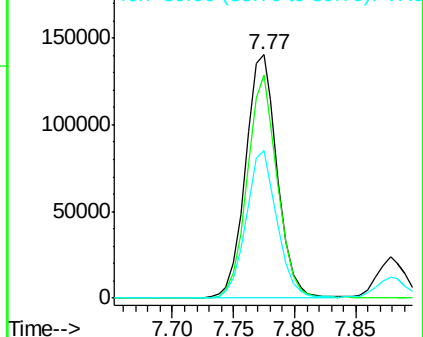
41 100

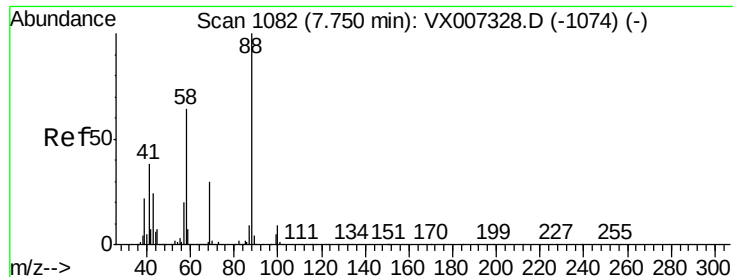
69 86.8 70.2 105.4

39 58.4 47.4 71.0



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: 1001.083 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

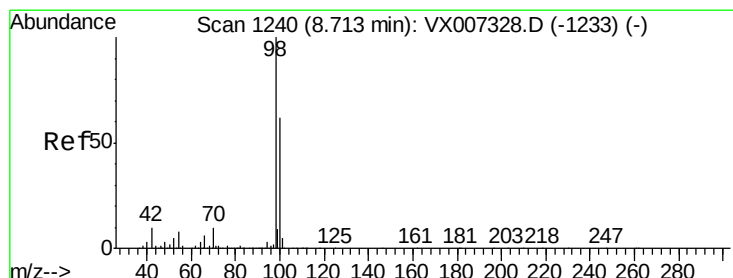
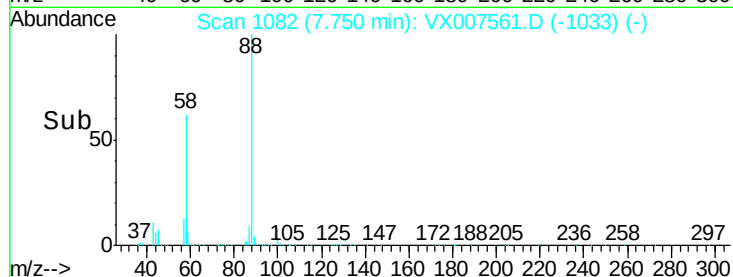
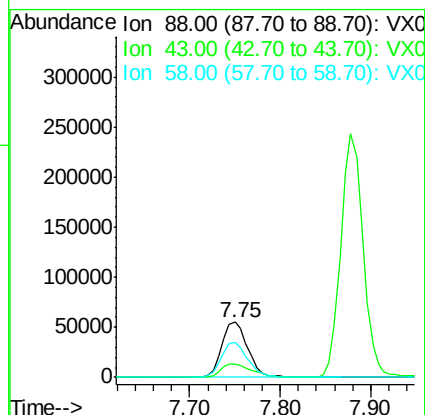
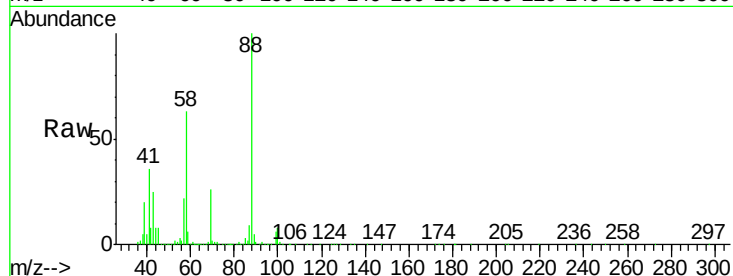
Tot Ion: 88 Resp: 110661

Ion Ratio Lower Upper

88 100

43 30.6 24.2 36.4

58 64.1 53.0 79.4



#50

Toluene-d8

Concen: 50.365 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007561.D

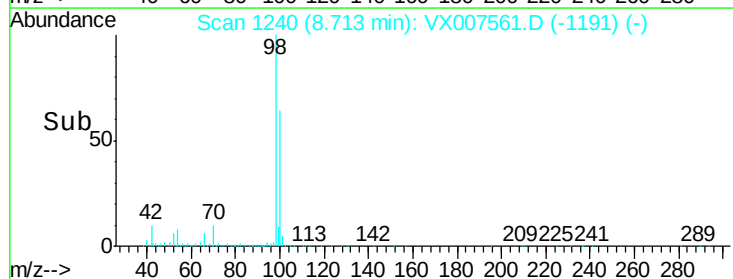
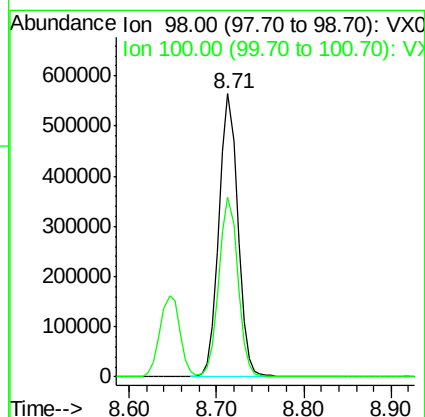
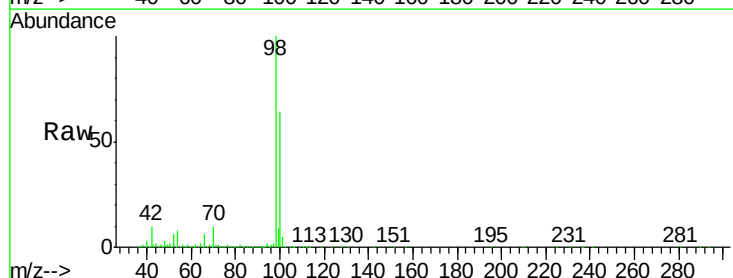
Acq: 15 Feb 2019 11:56

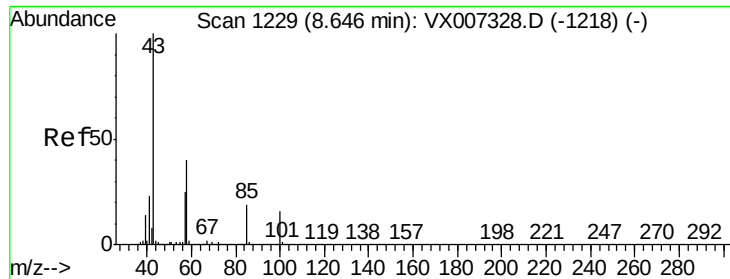
Tgt Ion: 98 Resp: 843947

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 250.252 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

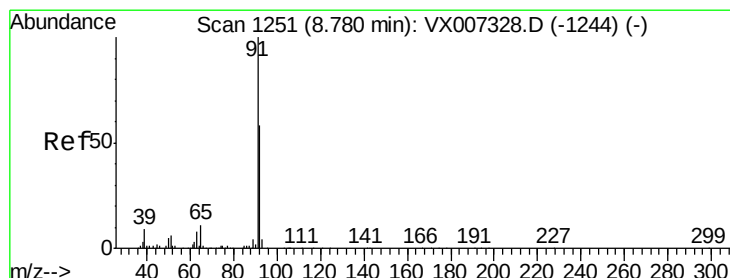
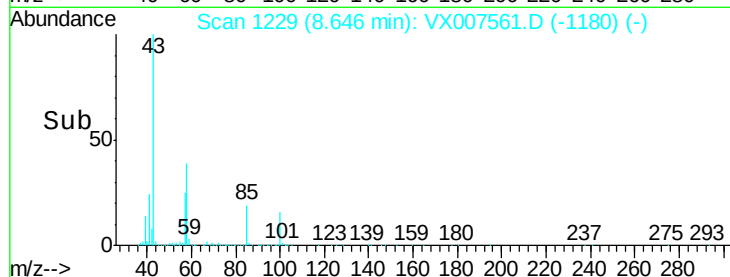
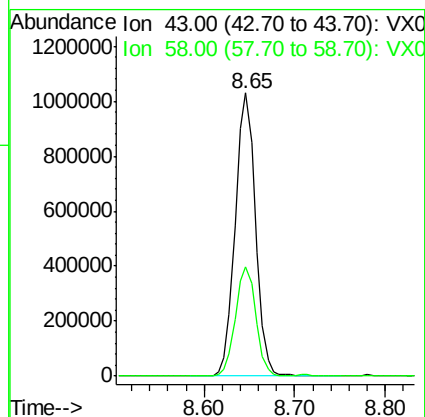
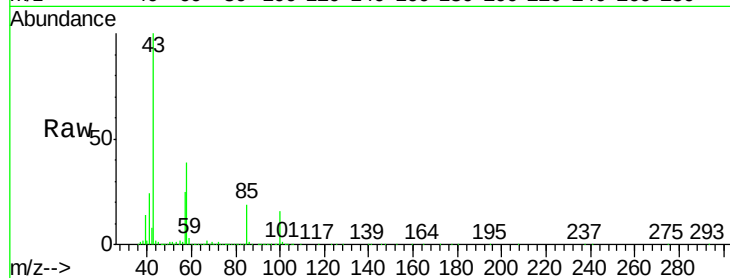
ClientSampleId :

Tot Ion: 43 Resp: 1600885

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 46.710 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007561.D

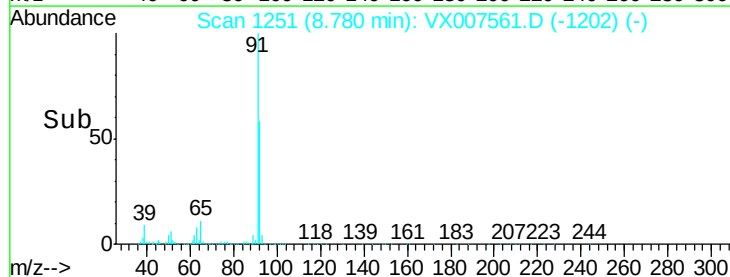
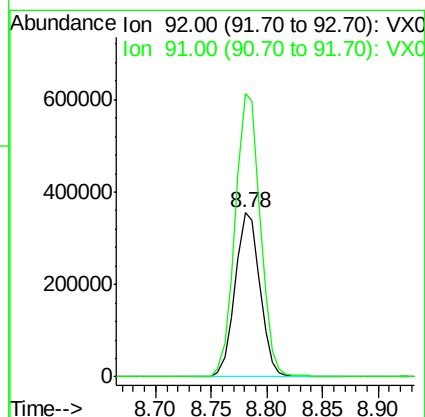
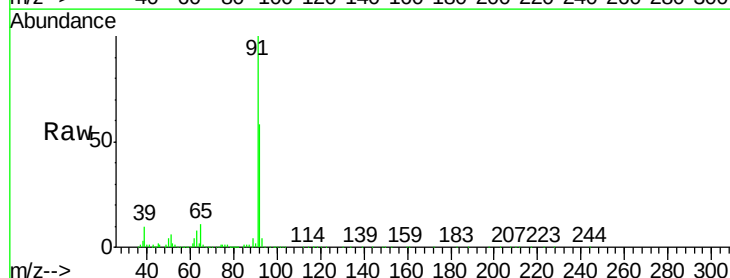
Acq: 15 Feb 2019 11:56

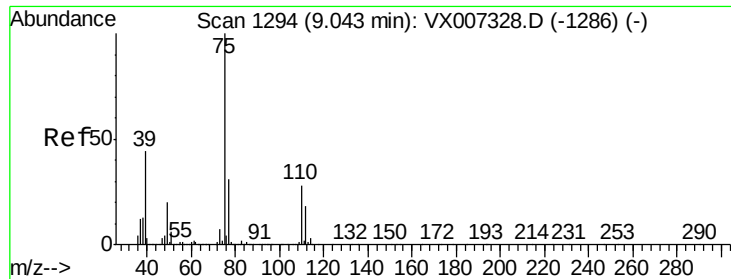
Tgt Ion: 92 Resp: 552877

Ion Ratio Lower Upper

92 100

91 174.3 139.1 208.7

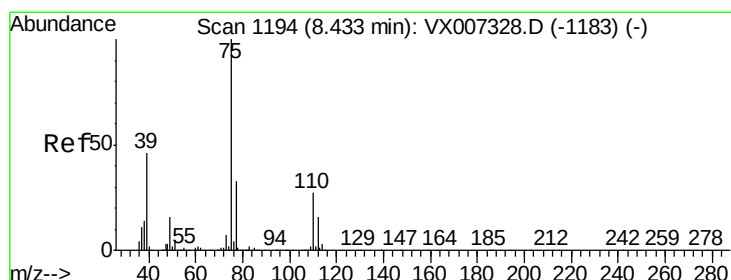
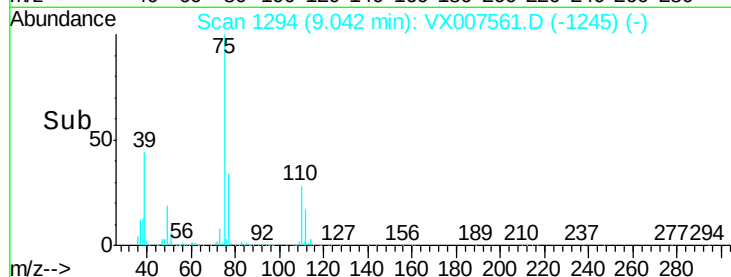
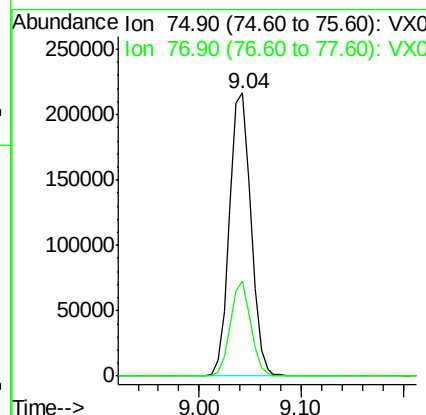
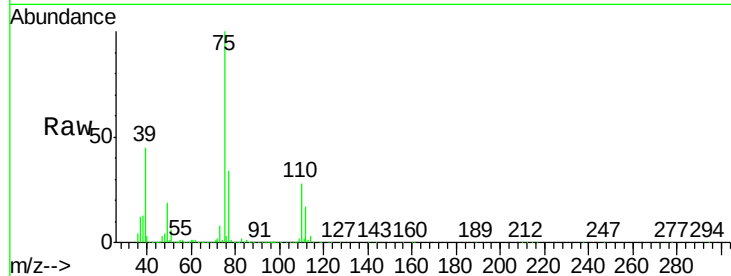




#53
t-1,3-Dichloropropene
Concen: 51.976 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

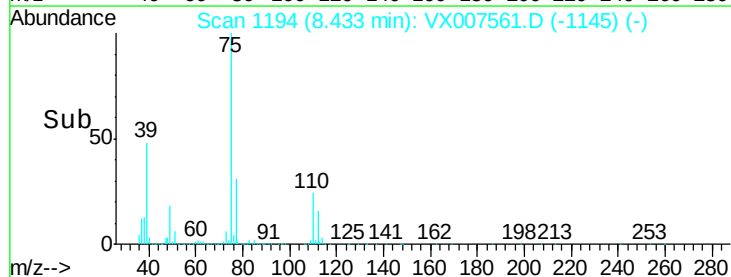
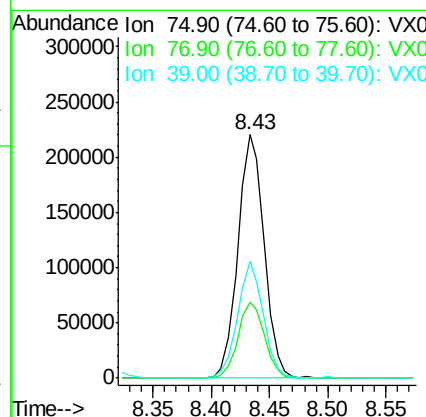
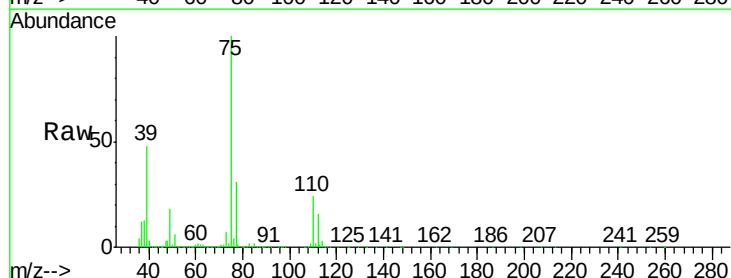
Instrument :
MSVOA_W
ClientSampleId :

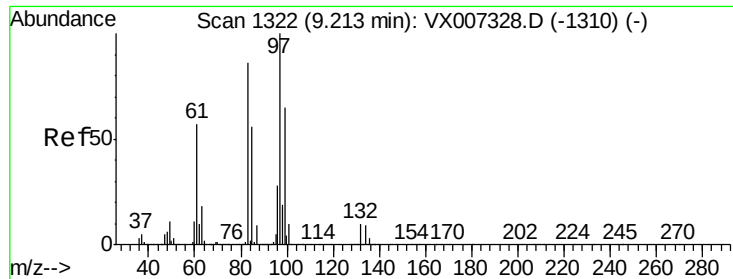
Tot Ion: 75 Resp: 316107
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.772 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 75 Resp: 346253
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 48.0 37.1 55.7

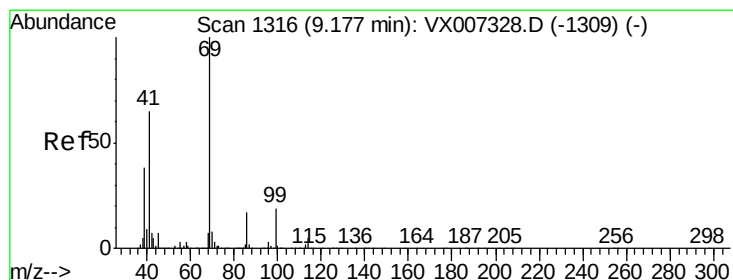
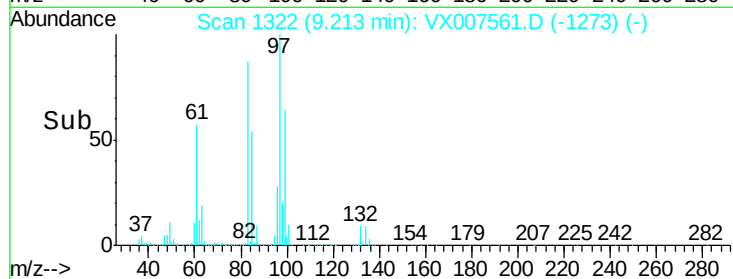
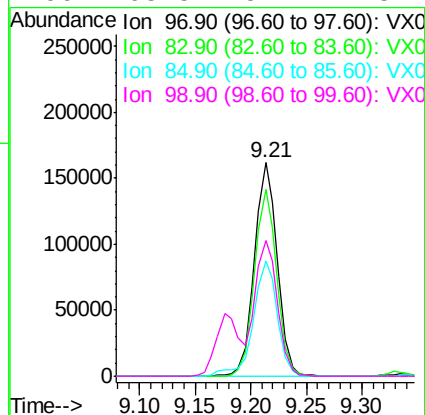
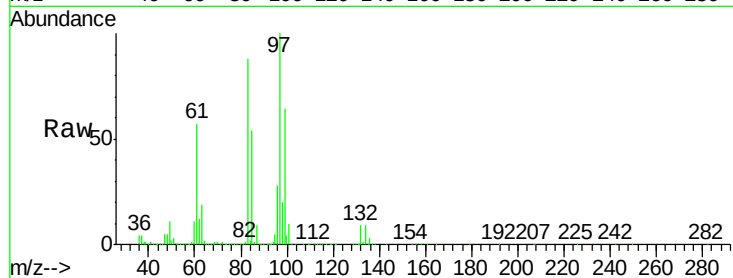




#55
 1,1,2-Trichloroethane
 Concen: 46.914 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

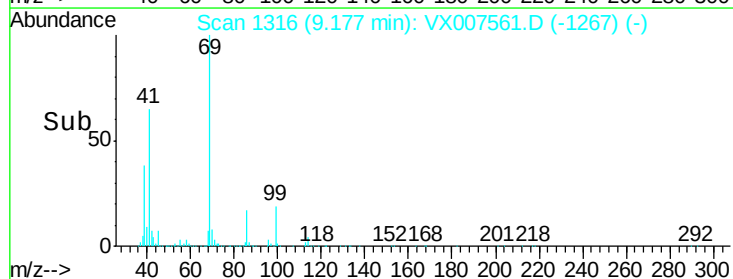
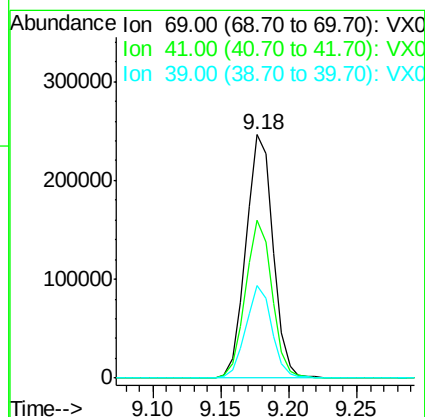
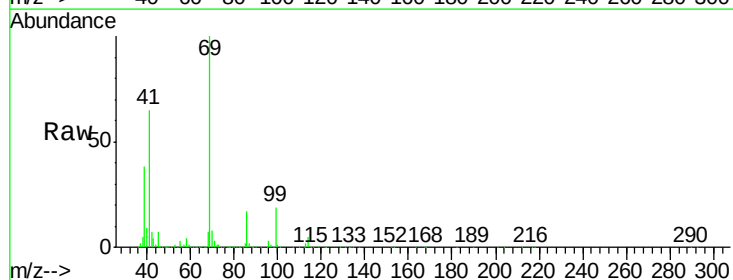
Instrument :
 MSVOA_W
 ClientSampleId :

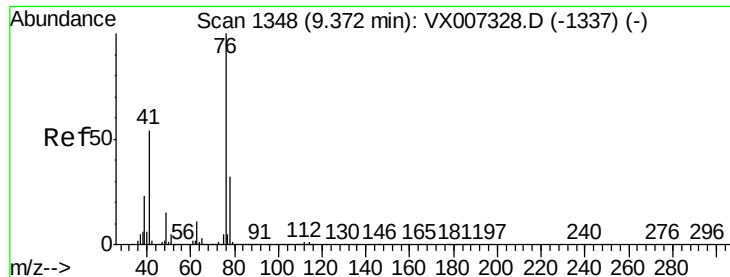
Tot Ion:	97	Resp:	231470
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.6	102.8
85	53.8	44.5	66.7
99	63.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 50.147 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

Tgt Ion:	69	Resp:	342682
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.1	78.1
39	36.4	30.1	45.1





#57

1,3-Dichloropropane

Concen: 47.768 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

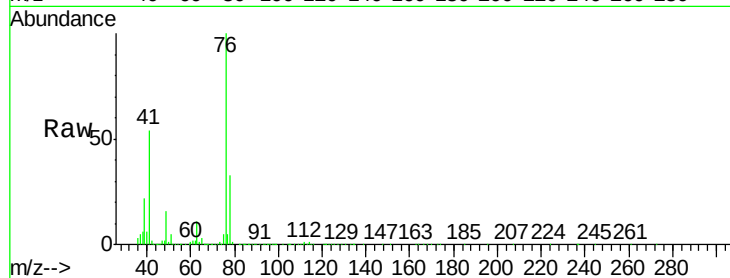
ClientSampleId :

Tot Ion: 76 Resp: 374808

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

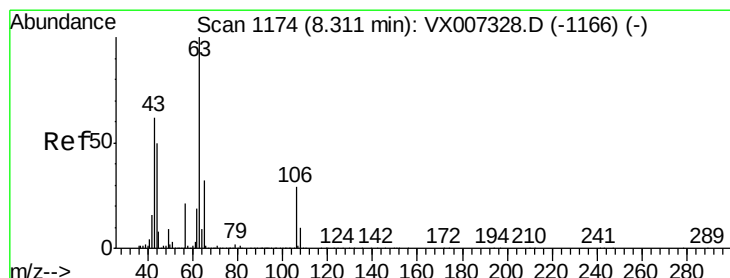
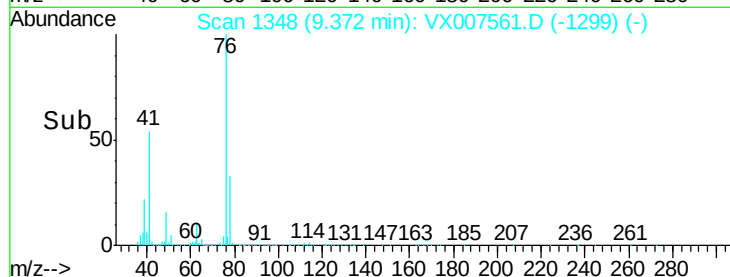
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.723 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007561.D

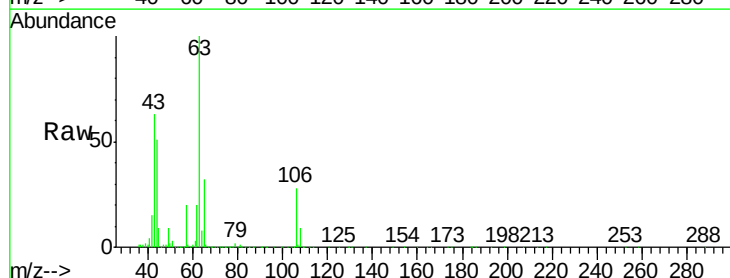
Acq: 15 Feb 2019 11:56

Tgt Ion: 63 Resp: 917476

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

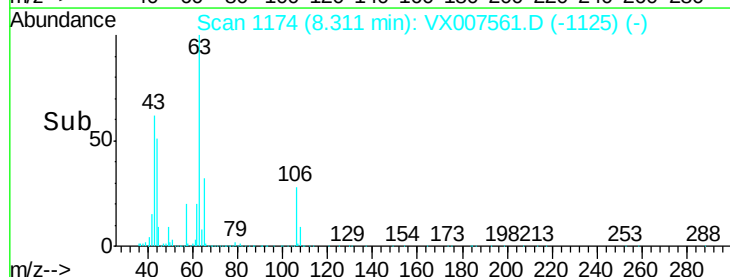
600000

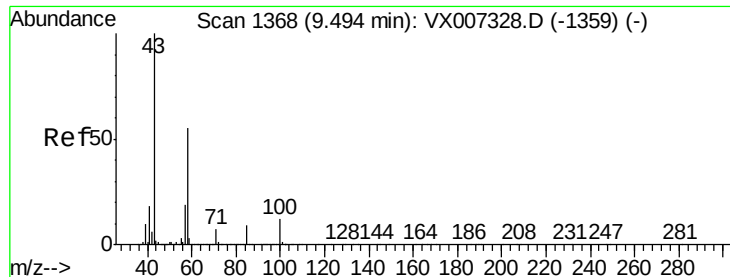
400000

200000

0

Time-->

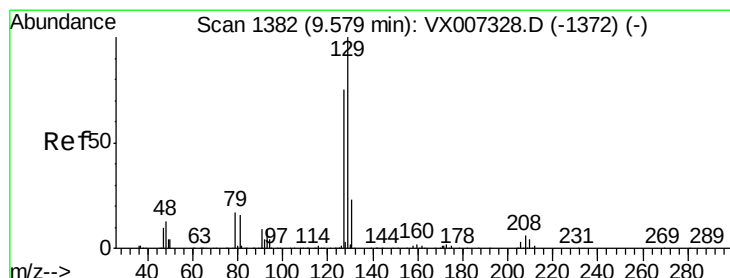
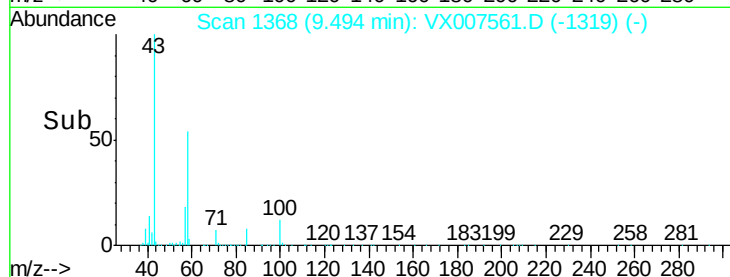
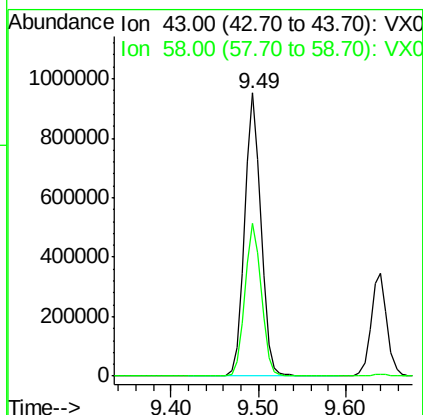
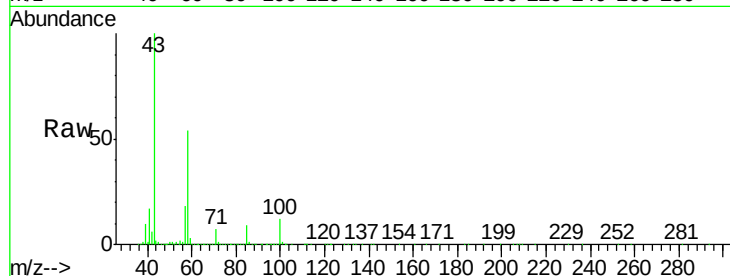




#59
2-Hexanone
Concen: 247.698 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

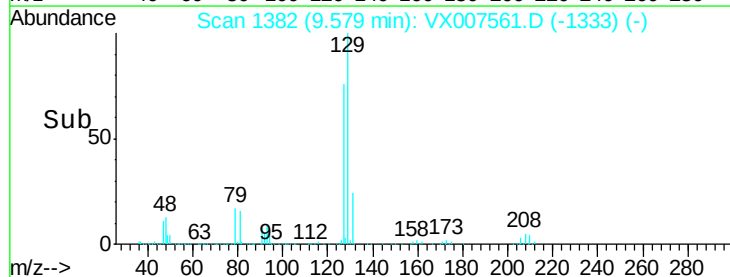
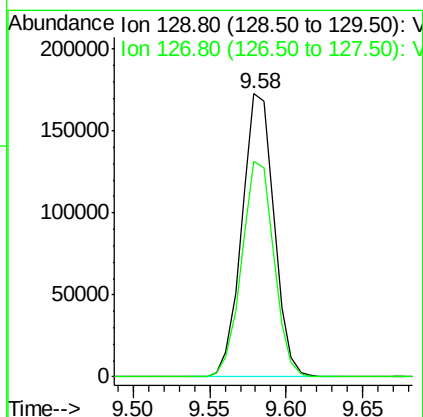
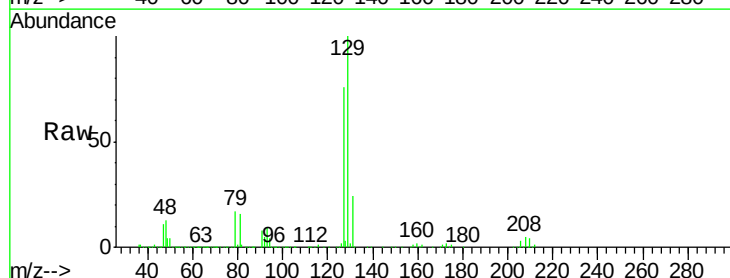
Instrument :
MSVOA_W
ClientSampled :

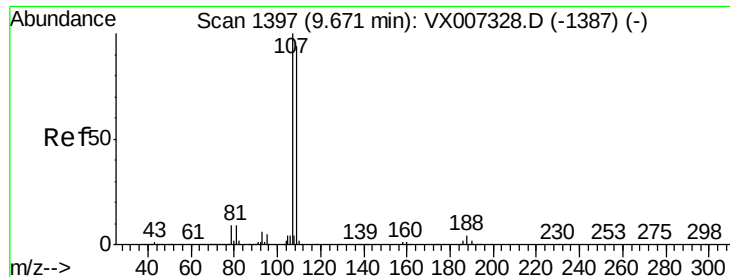
Tot Ion: 43 Resp: 1233041
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3



#60
Dibromochloromethane
Concen: 54.051 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 129 Resp: 252223
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 47.977 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

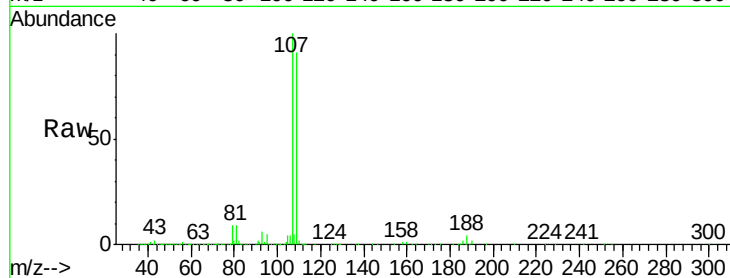
ClientSampleId :

Tot Ion: 107 Resp: 250684

Ion Ratio Lower Upper

107 100

109 94.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

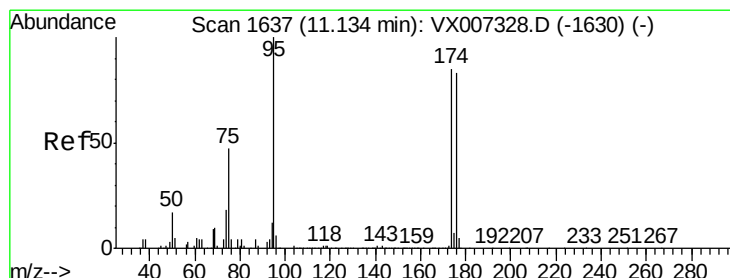
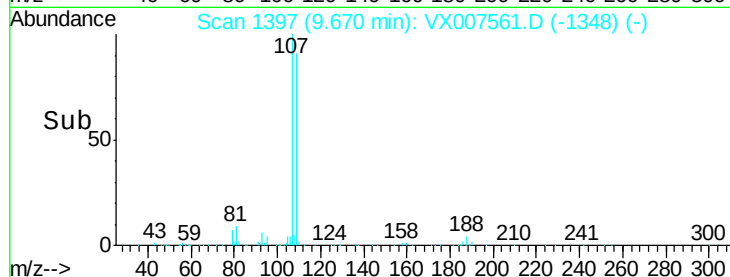
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

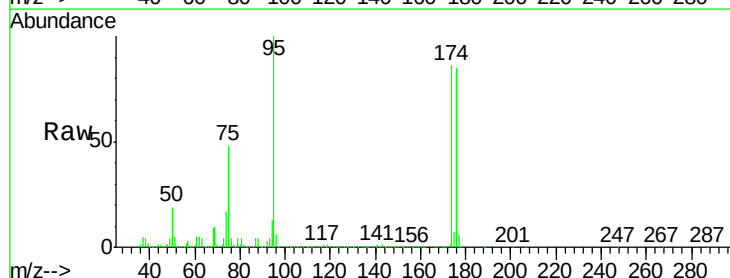
Tgt Ion: 95 Resp: 301662

Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

176 92.1 0.0 186.2



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

300000

250000

200000

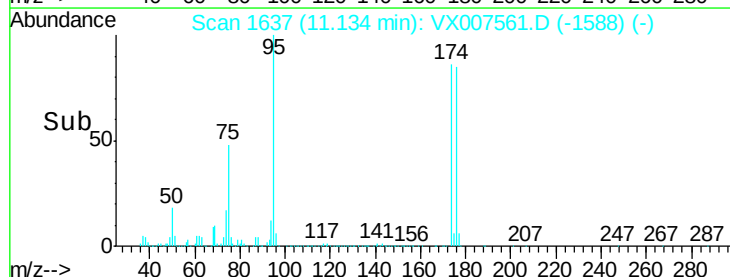
150000

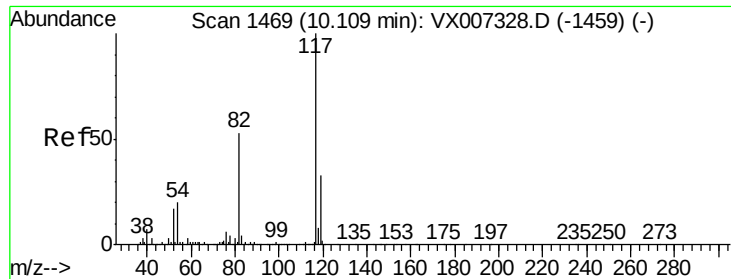
100000

50000

0

Time-->

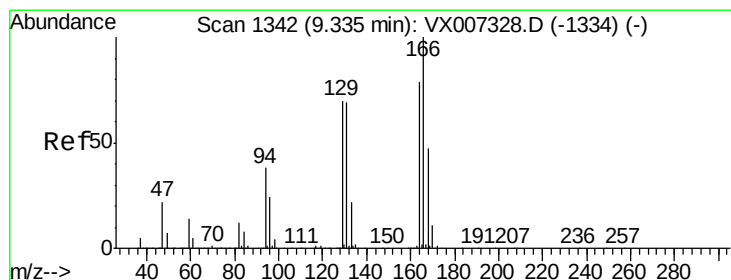
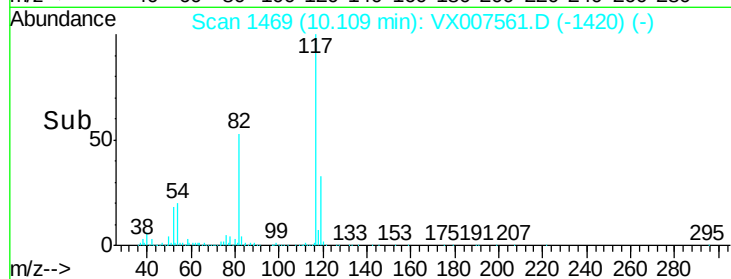
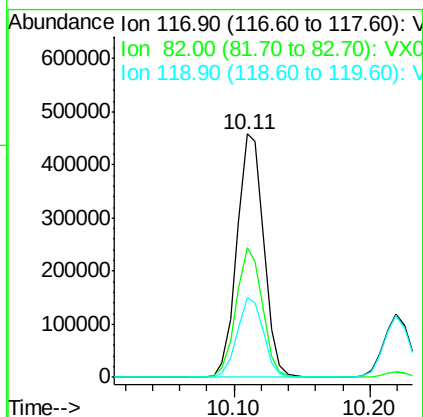
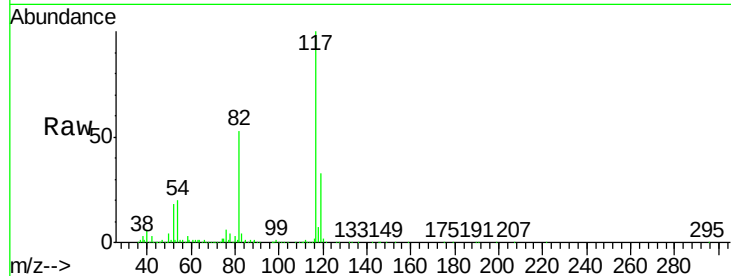




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

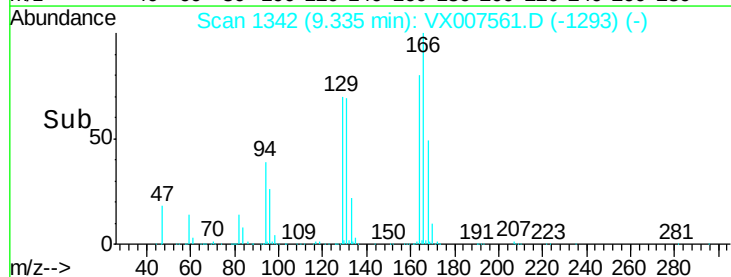
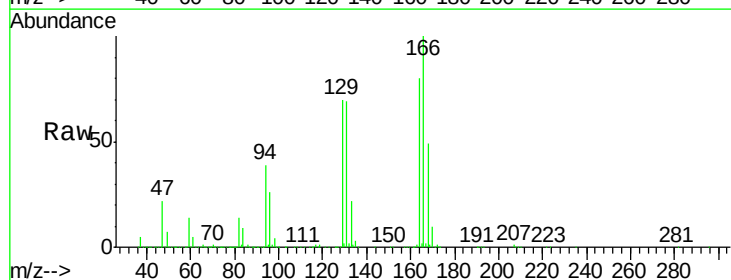
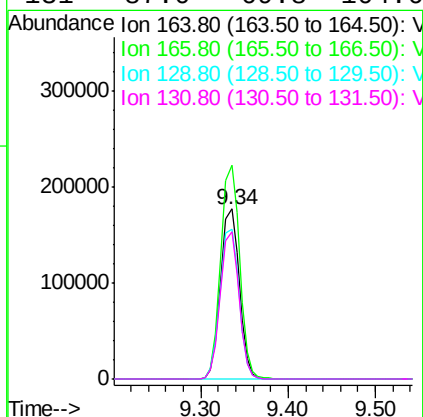
Instrument :
MSVOA_W
ClientSampled :

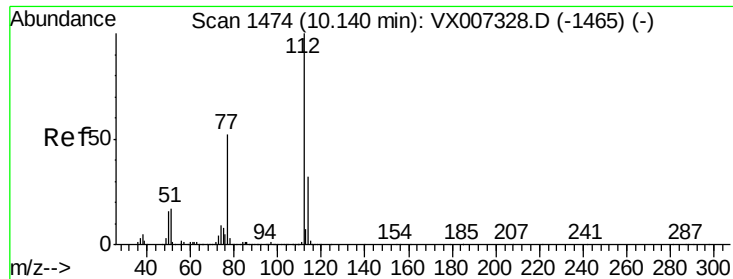
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	32.7	26.5	39.7



#64
Tetrachloroethene
Concen: 44.470 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.0	151.4
129	88.4	70.5	105.7
131	87.0	69.8	104.6

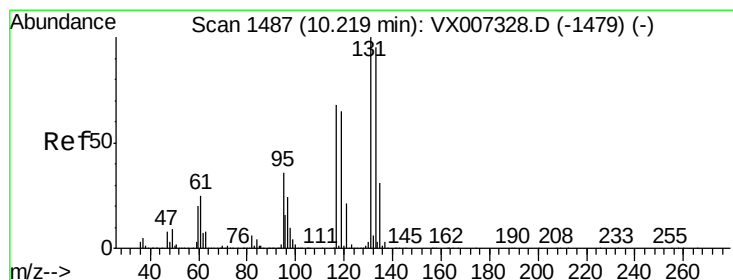
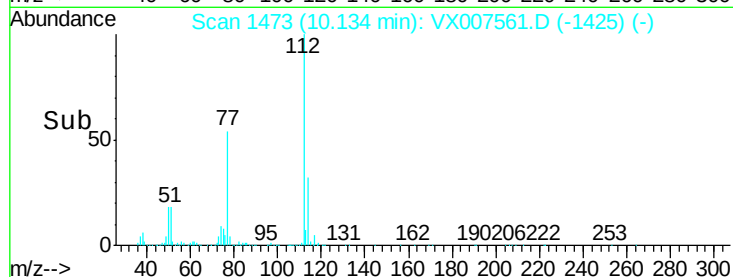
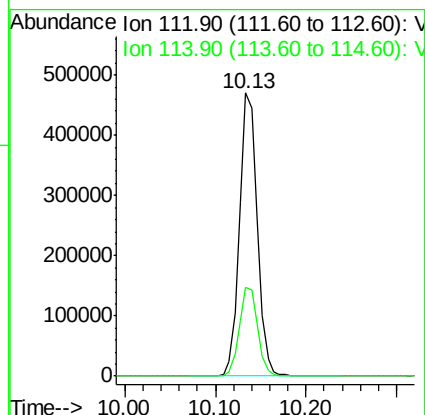
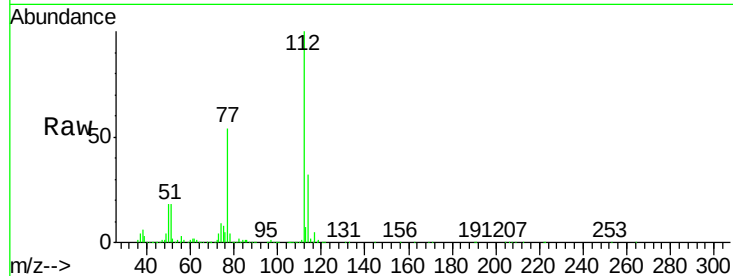




#65
Chlorobenzene
Concen: 46.760 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

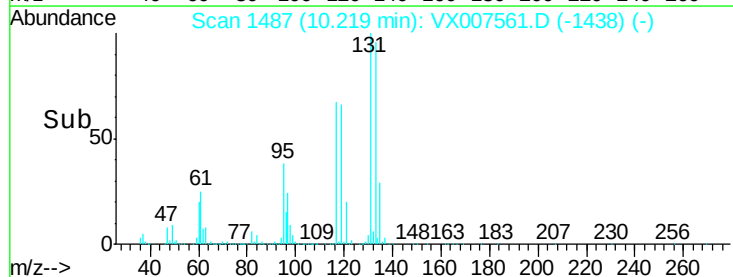
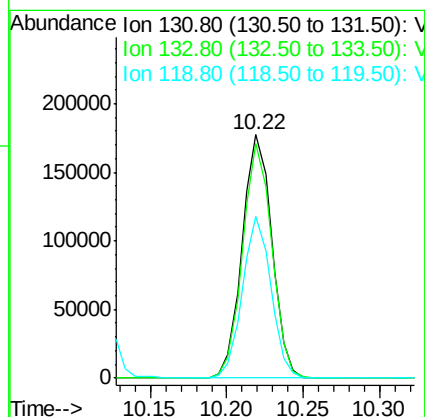
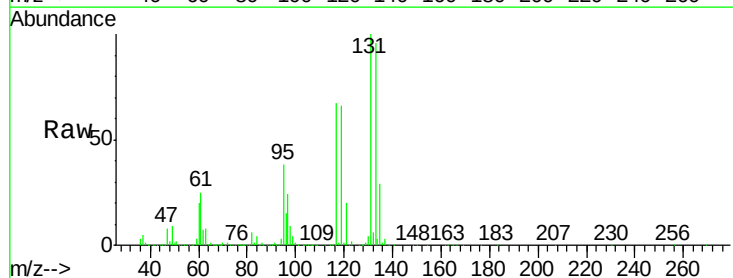
Instrument :
MSVOA_W
ClientSampleId :

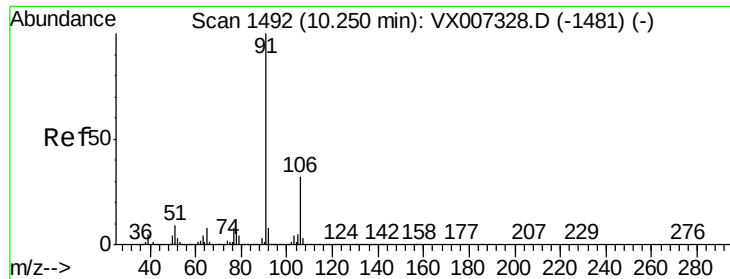
Tot Ion:112 Resp: 638347
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.273 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion:131 Resp: 239253
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 63.8 32.0 96.0

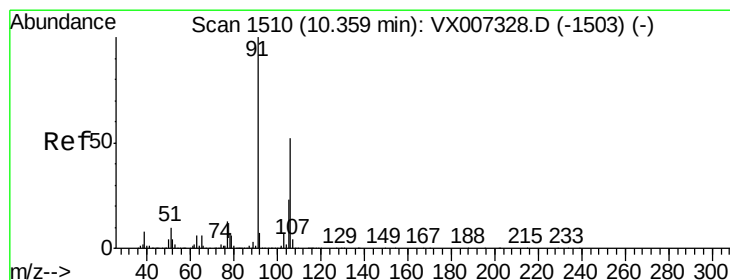
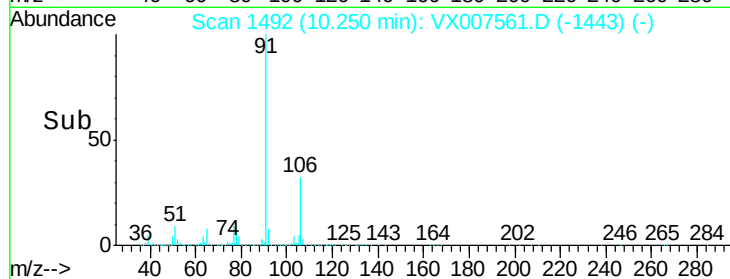
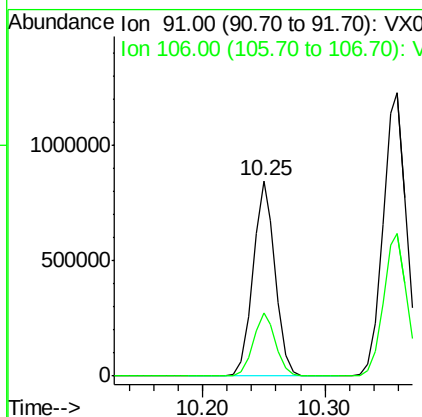
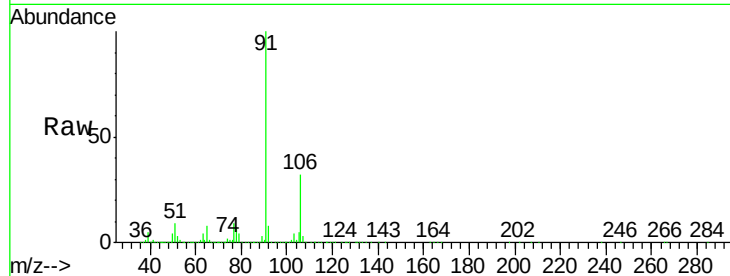




#67
Ethyl Benzene
Concen: 48.382 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

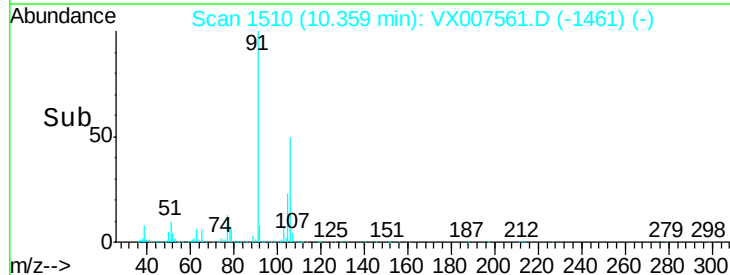
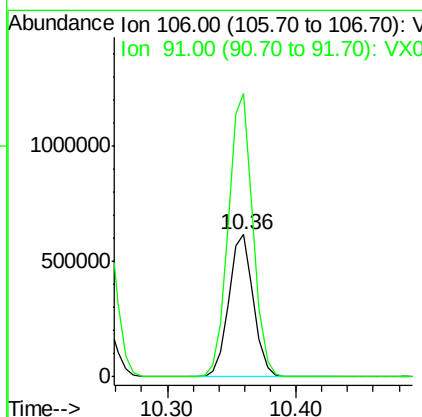
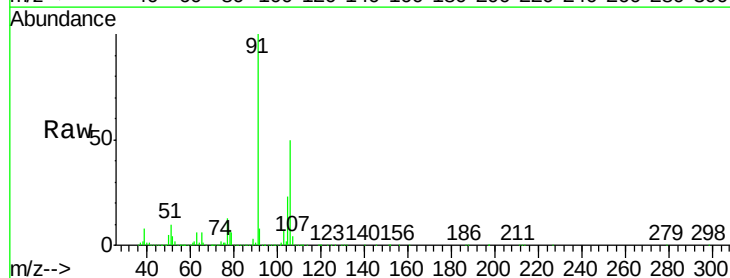
Instrument :
MSVOA_W
ClientSampled :

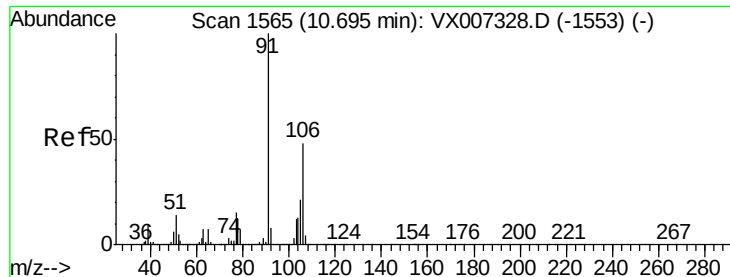
Tot Ion: 91 Resp: 1063644
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 94.313 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 106 Resp: 824207
Ion Ratio Lower Upper
106 100
91 199.0 156.6 234.8

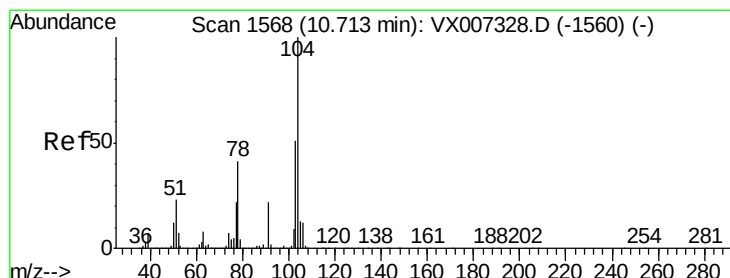
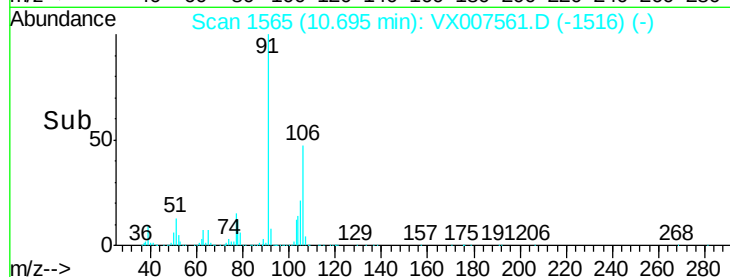
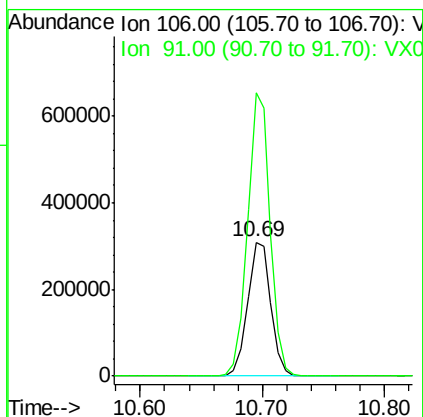
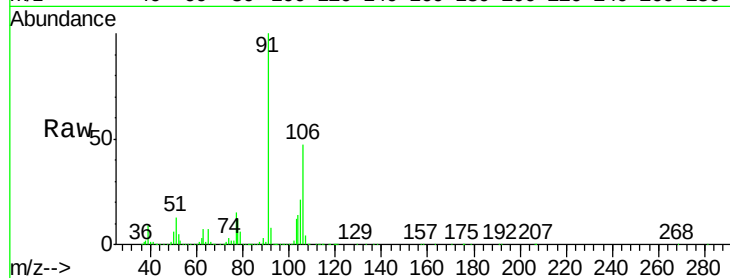




#69
o-Xylene
Concen: 48.201 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

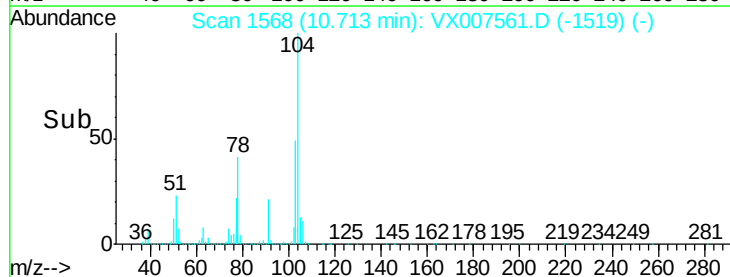
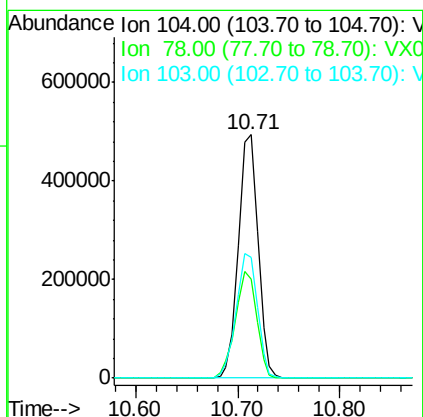
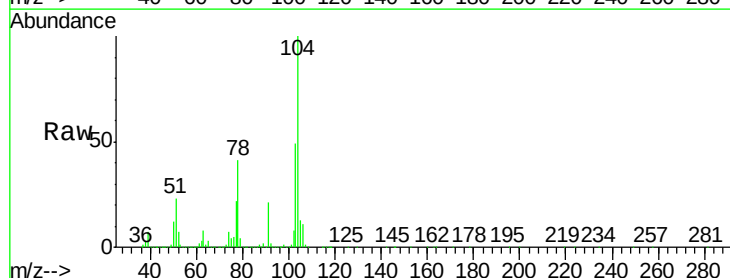
Instrument :
MSVOA_W
ClientSampleId :

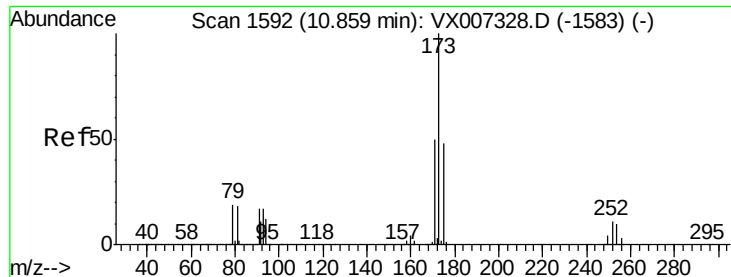
Tot Ion:106 Resp: 405328
Ion Ratio Lower Upper
106 100
91 205.8 102.9 308.7



#70
Styrene
Concen: 48.129 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion:104 Resp: 656370
Ion Ratio Lower Upper
104 100
78 47.8 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 46.770 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

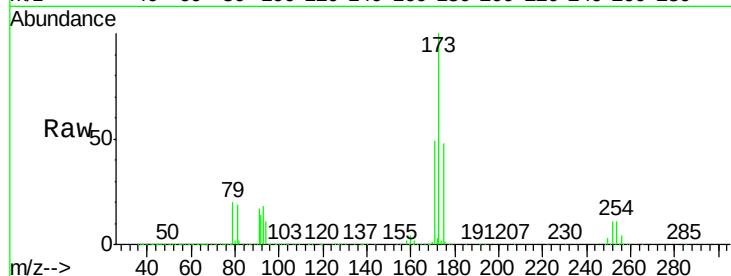
Tot Ion:173 Resp: 186617

Ion Ratio Lower Upper

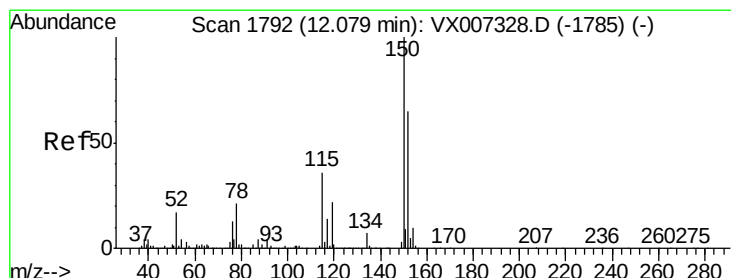
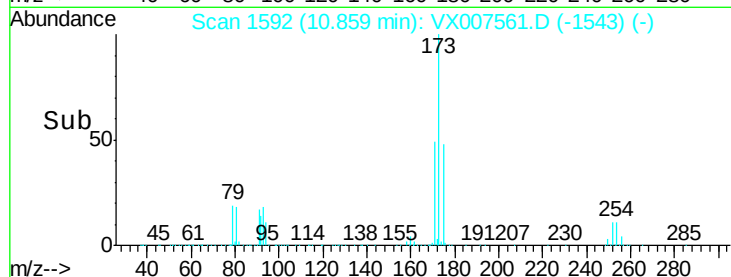
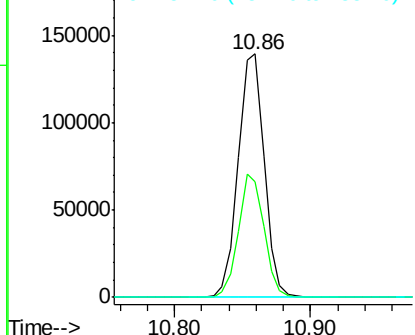
173 100

175 49.7 24.2 72.6

254 0.3 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: VX007561.D

Acq: 15 Feb 2019 11:56

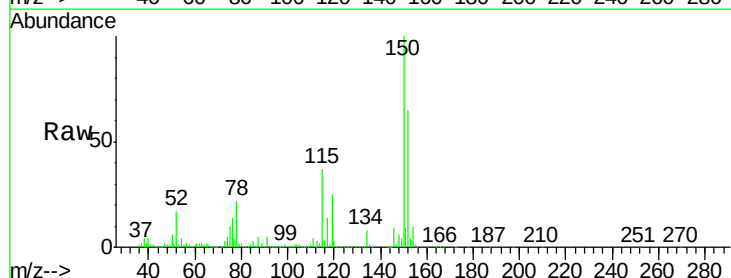
Tgt Ion:152 Resp: 329635

Ion Ratio Lower Upper

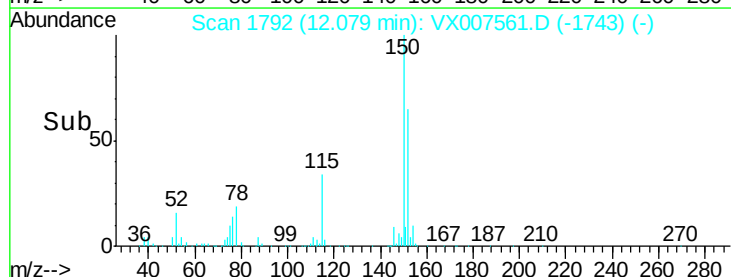
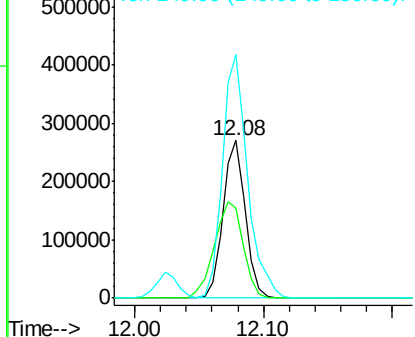
152 100

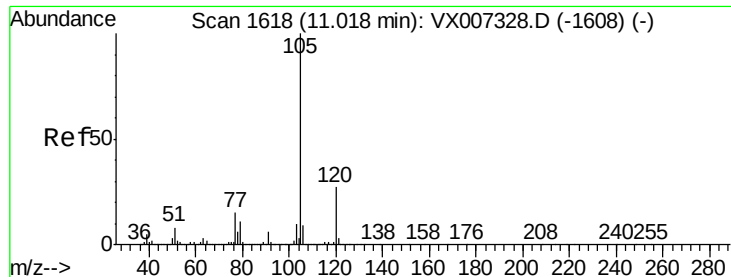
115 78.4 38.0 114.0

150 173.8 0.0 346.4



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: 49.034 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

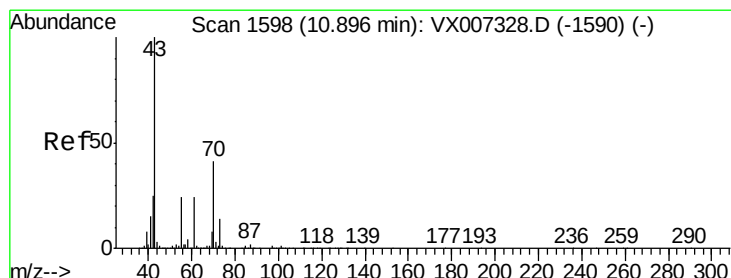
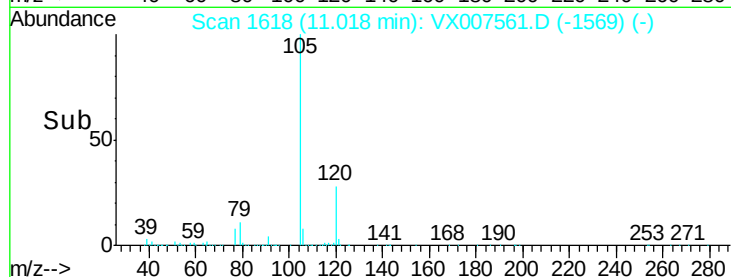
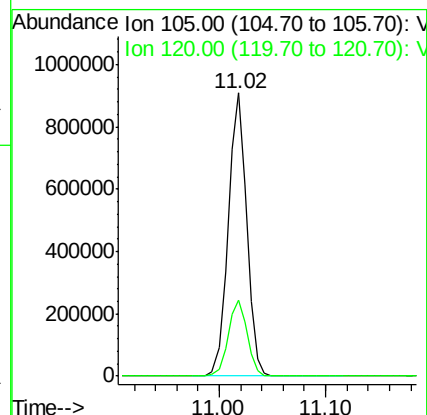
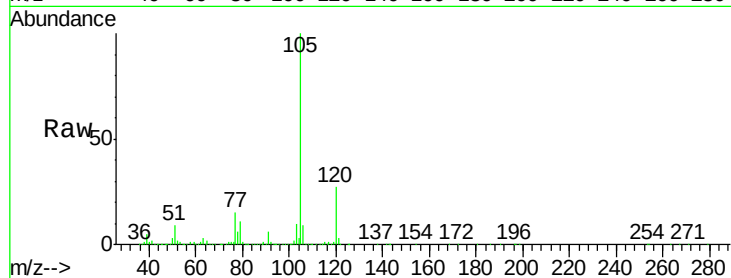
ClientSampled :

Tot Ion:105 Resp: 1098391

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 49.536 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Tgt Ion: 43 Resp: 429193

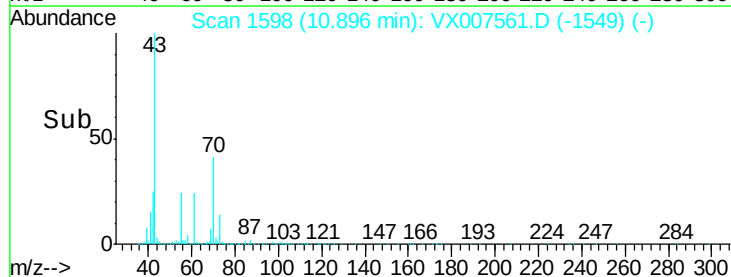
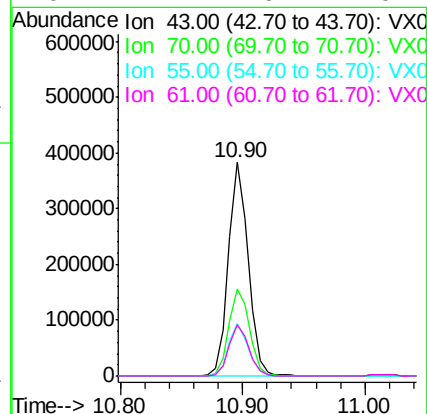
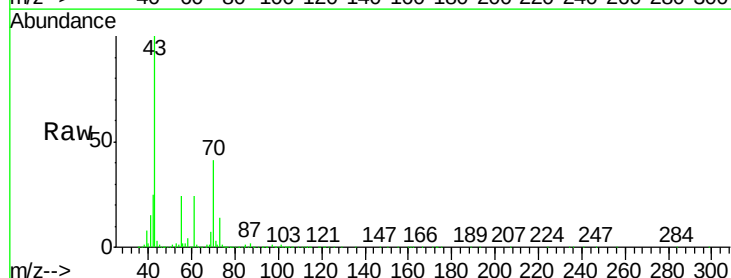
Ion Ratio Lower Upper

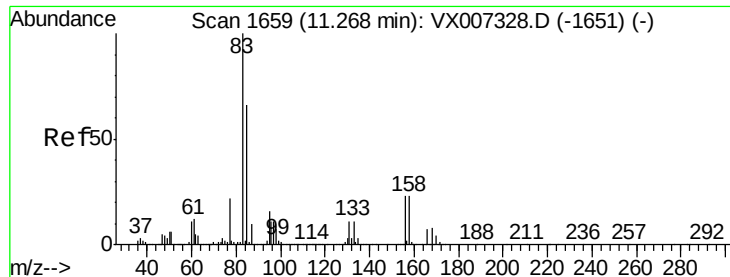
43 100

70 42.9 33.8 50.6

55 24.4 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.093 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

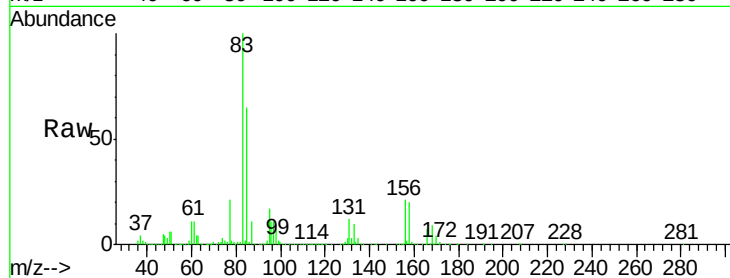
Tot Ion: 83 Resp: 335148

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

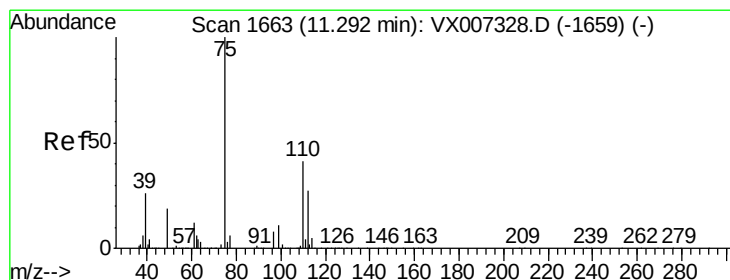
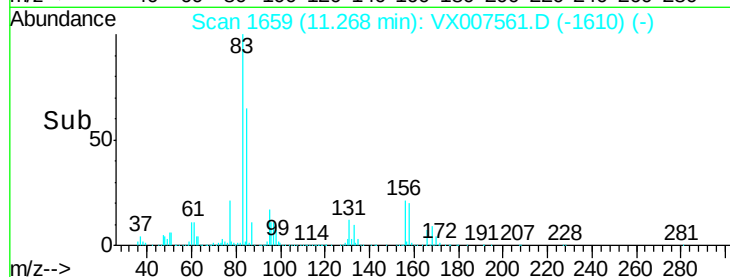
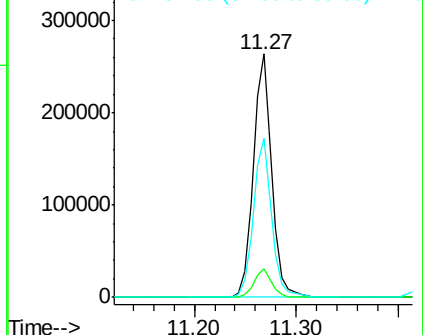
85 64.8 32.8 98.3



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



#76

1,2,3-Trichloropropane

Concen: 61.786 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007561.D

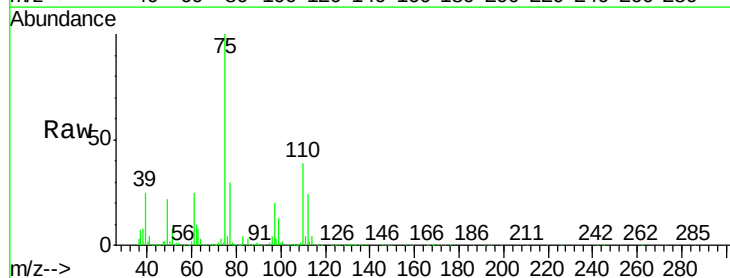
Acq: 15 Feb 2019 11:56

Tgt Ion: 75 Resp: 396158

Ion Ratio Lower Upper

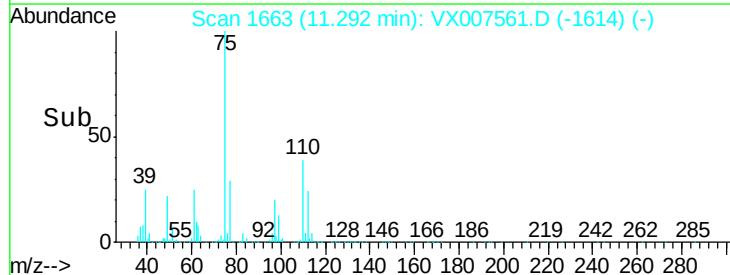
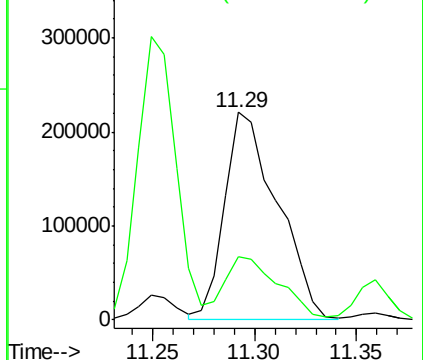
75 100

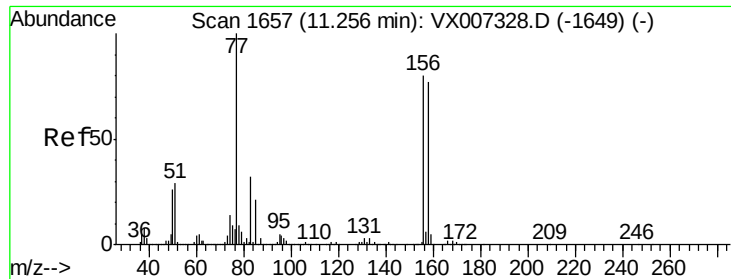
77 31.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.047 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

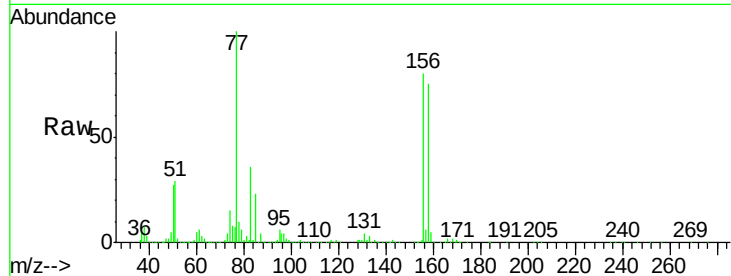
Tot Ion:156 Resp: 290626

Ion Ratio Lower Upper

156 100

77 135.1 66.8 200.6

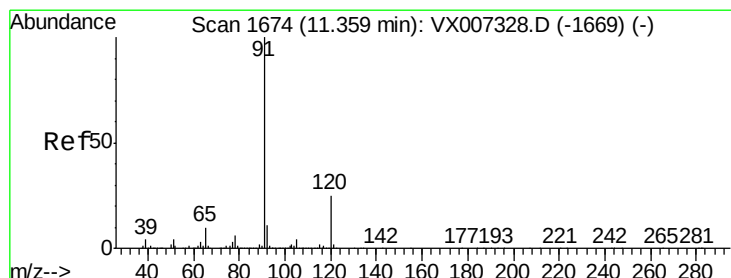
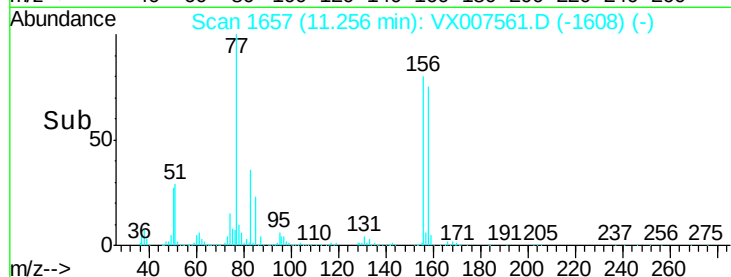
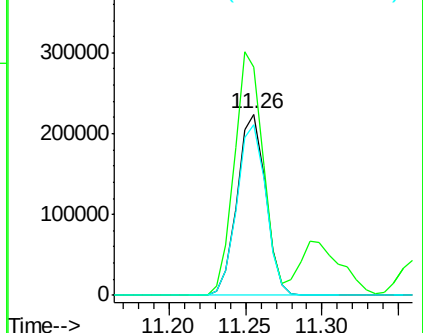
158 96.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.223 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007561.D

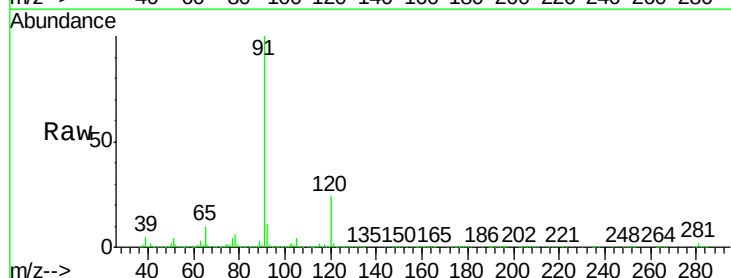
Acq: 15 Feb 2019 11:56

Tgt Ion: 91 Resp: 1233649

Ion Ratio Lower Upper

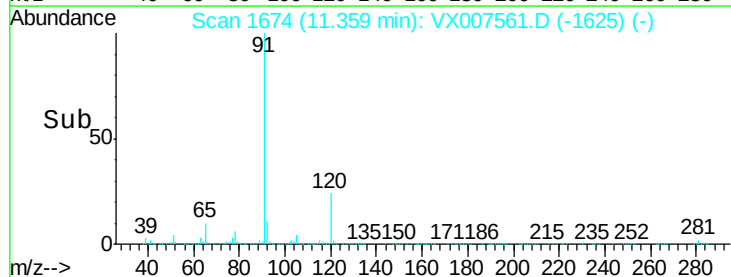
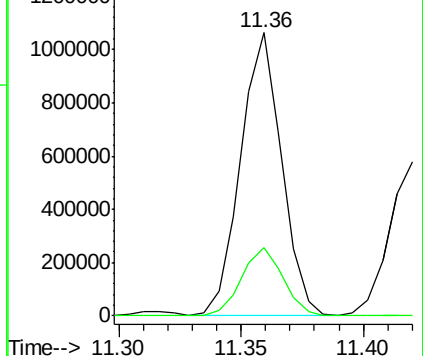
91 100

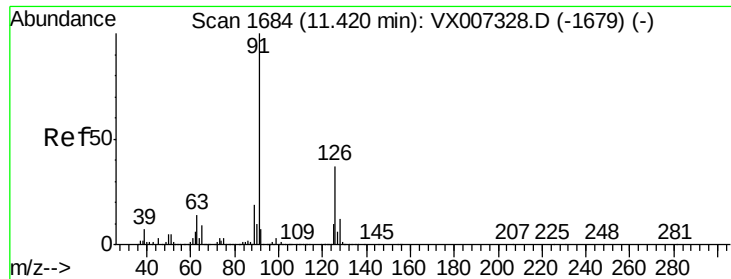
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.651 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

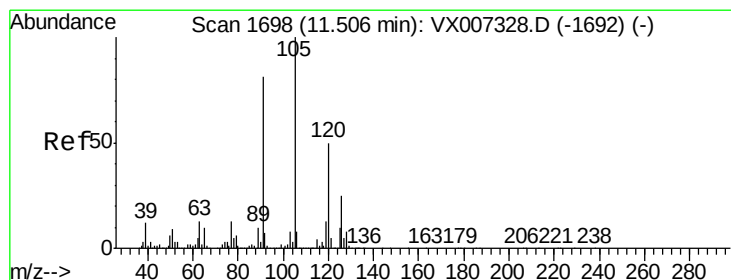
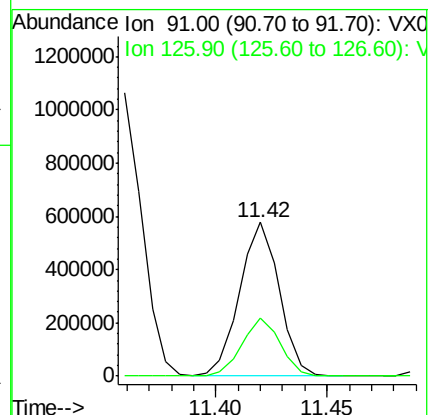
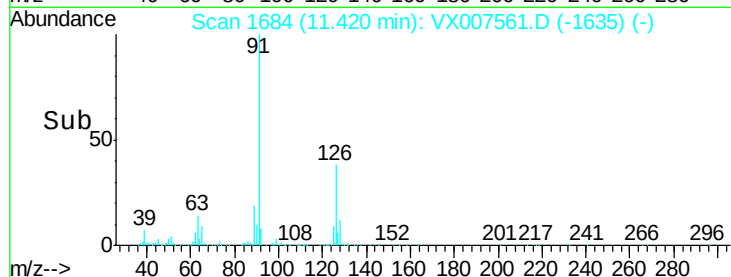
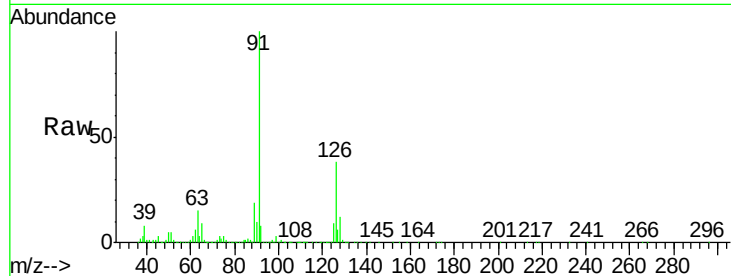
ClientSampled :

Tot Ion: 91 Resp: 710213

Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 49.024 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007561.D

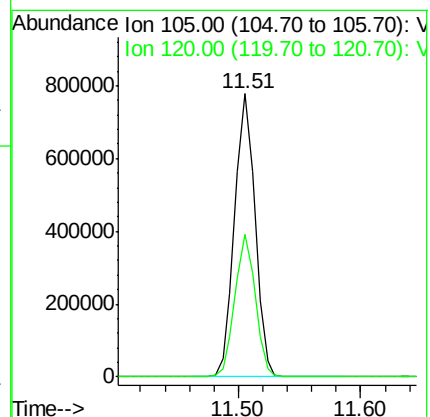
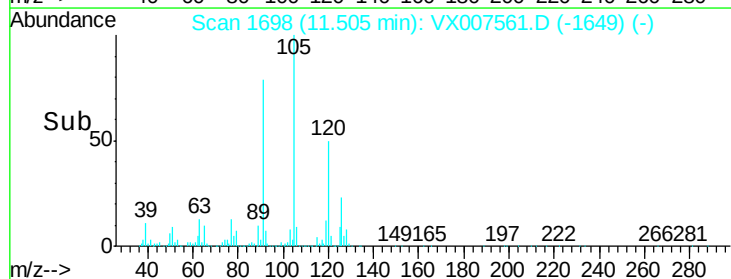
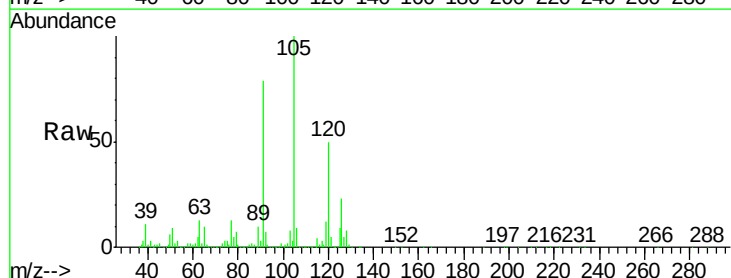
Acq: 15 Feb 2019 11:56

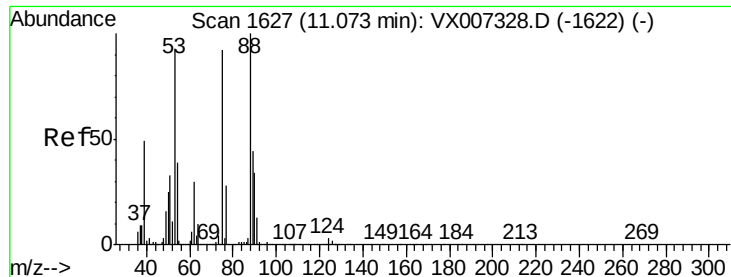
Tgt Ion:105 Resp: 898431

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.936 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

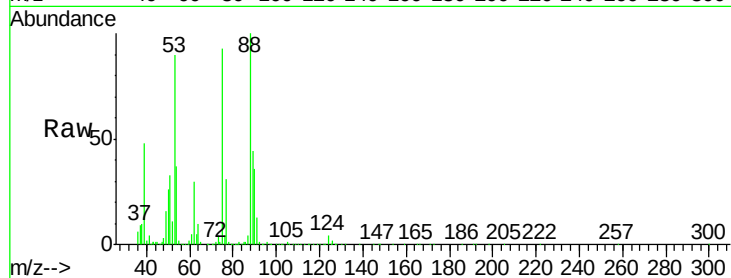
Tot Ion: 75 Resp: 101309

Ion Ratio Lower Upper

75 100

53 97.7 81.0 121.6

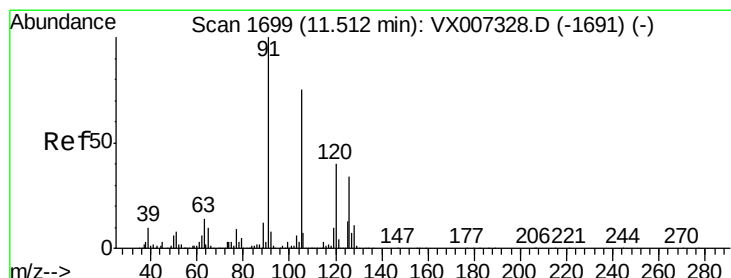
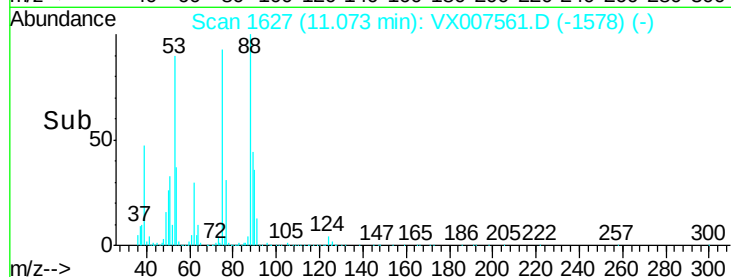
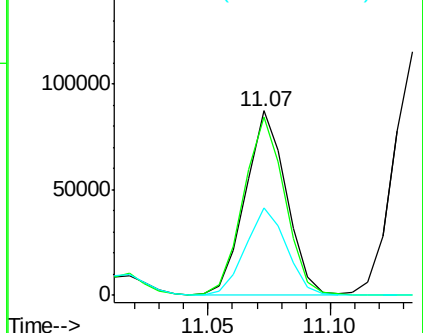
89 47.7 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.509 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007561.D

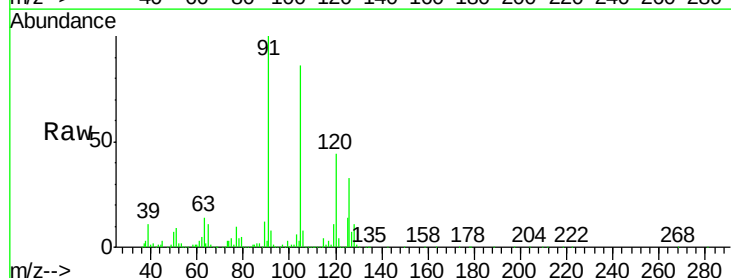
Acq: 15 Feb 2019 11:56

Tgt Ion: 91 Resp: 836602

Ion Ratio Lower Upper

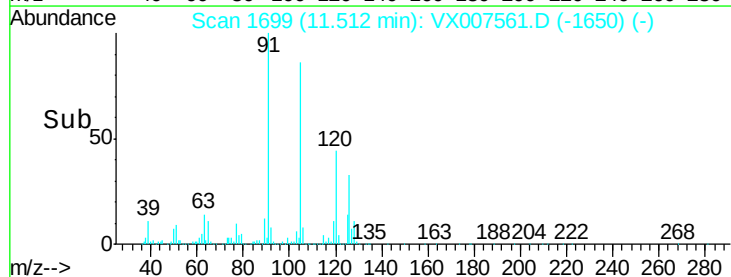
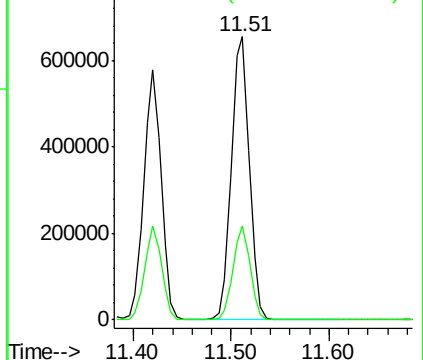
91 100

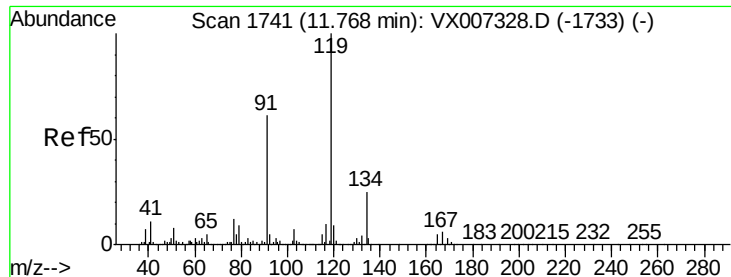
126 31.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

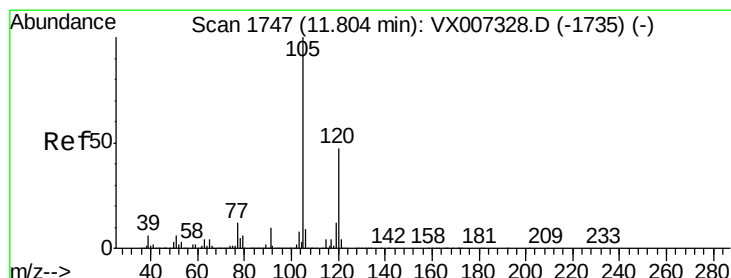
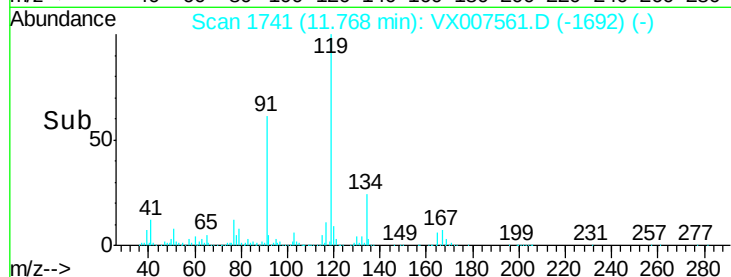
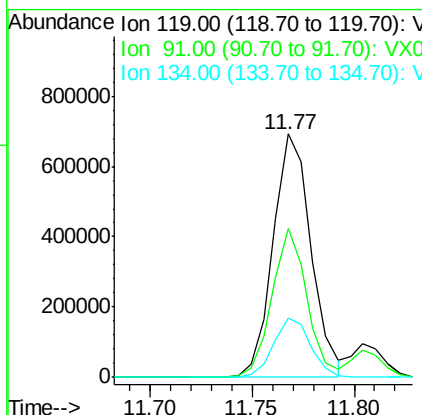
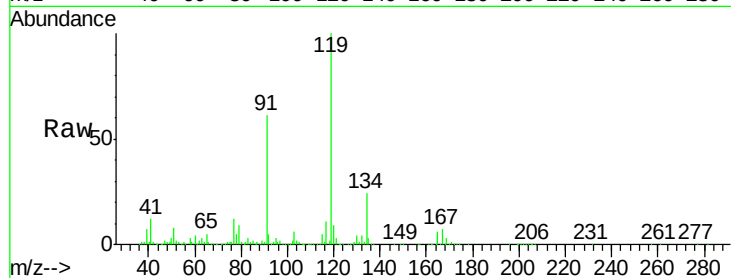




#83
 tert-Butylbenzene
 Concen: 49.464 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

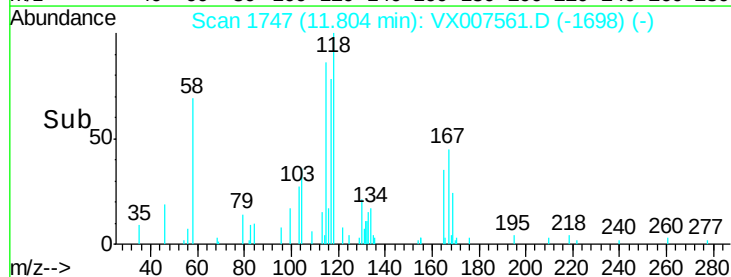
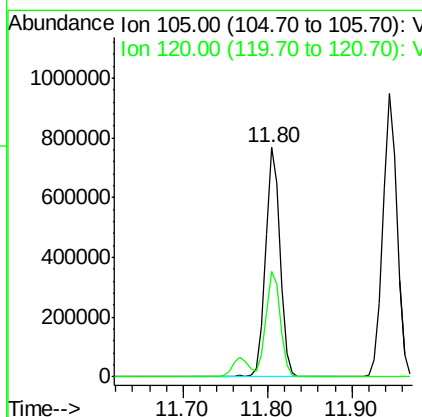
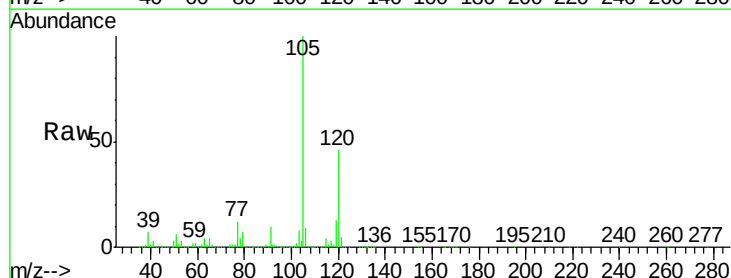
Instrument :
 MSVOA_W
 ClientSampled :

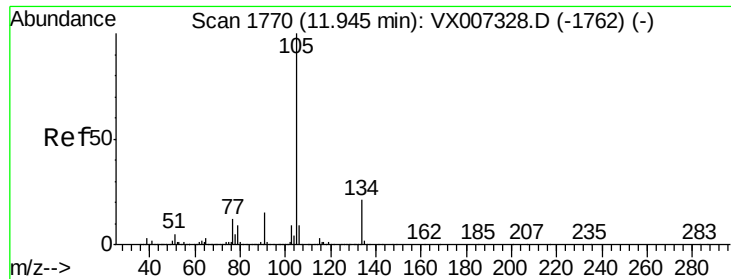
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.5	85.6
134	24.0	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.232 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.736 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

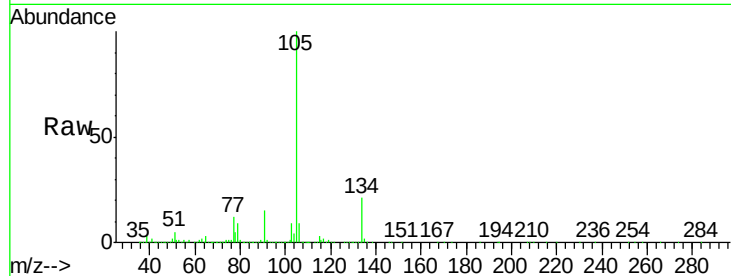
ClientSampleId :

Tot Ion:105 Resp: 1114168

Ion Ratio Lower Upper

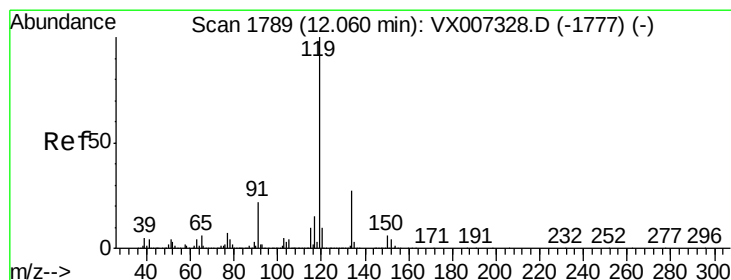
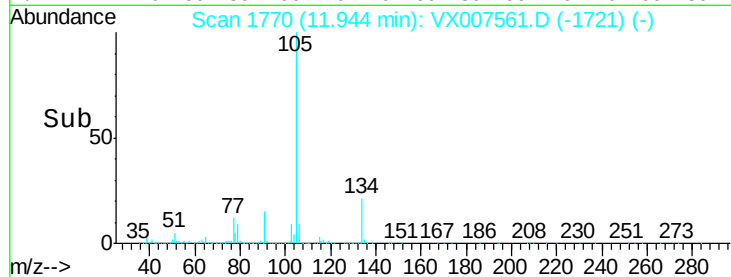
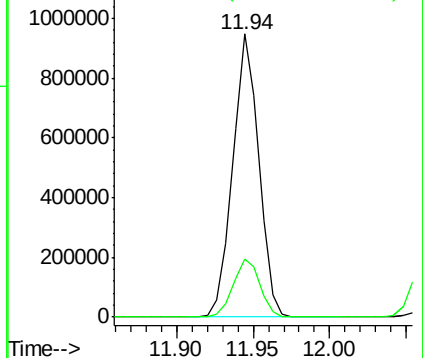
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.329 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

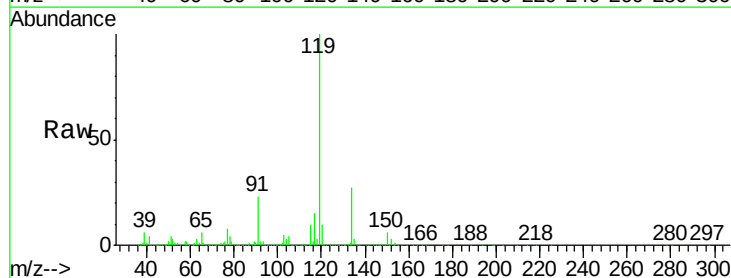
Tgt Ion:119 Resp: 997697

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

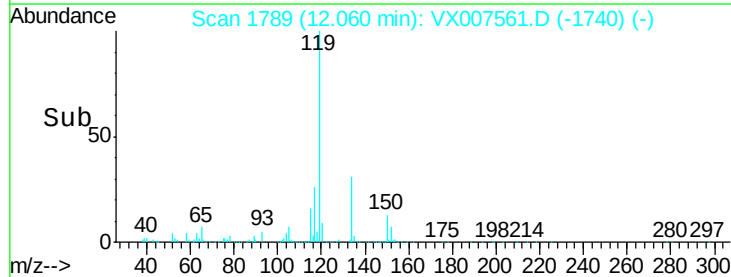
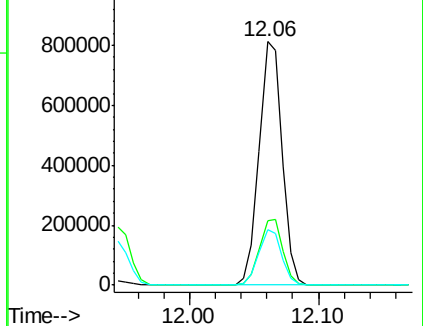
91 22.7 11.2 33.5

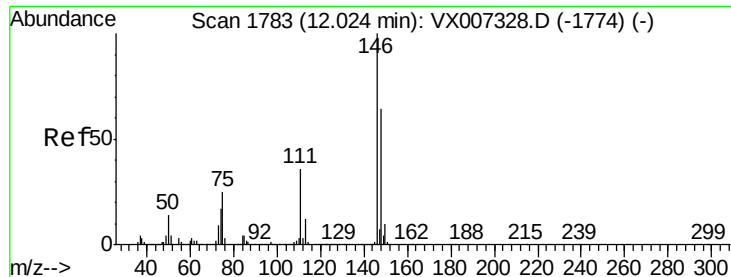


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.297 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

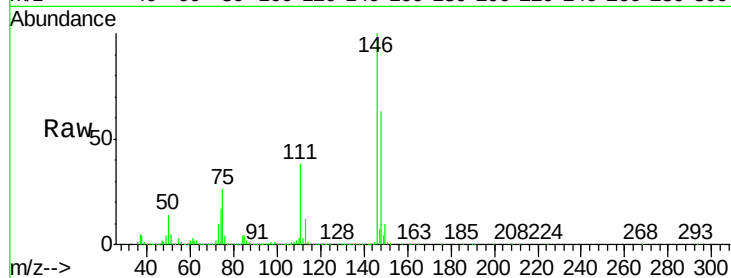
Tot Ion:146 Resp: 524404

Ion Ratio Lower Upper

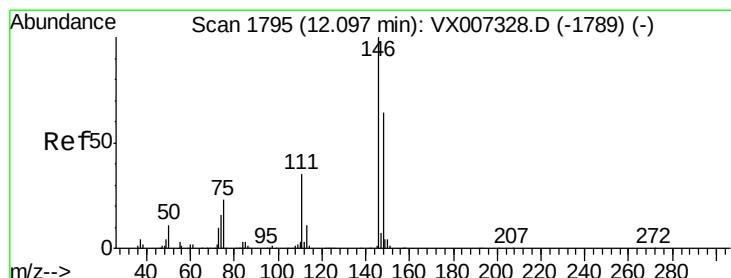
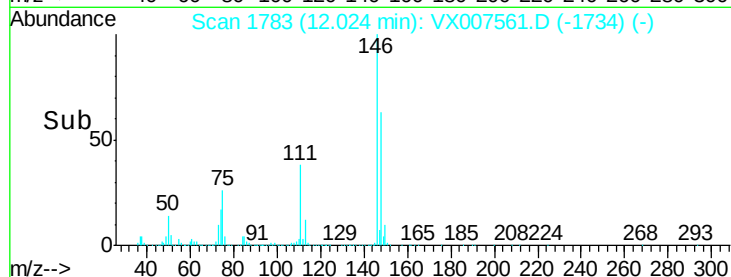
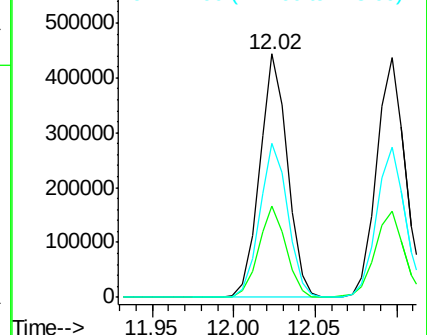
146 100

111 37.1 18.1 54.1

148 64.2 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 46.136 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

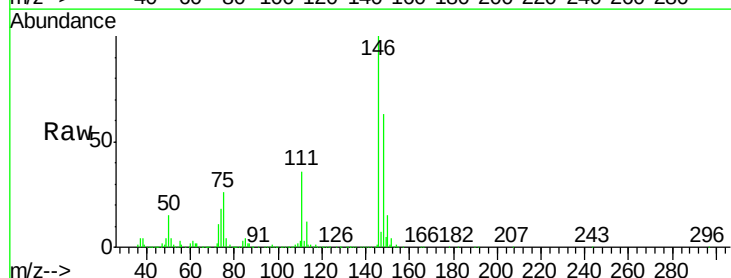
Tgt Ion:146 Resp: 530175

Ion Ratio Lower Upper

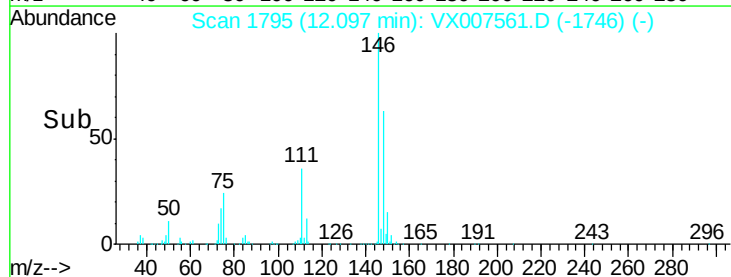
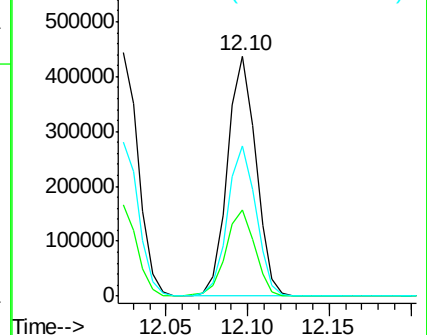
146 100

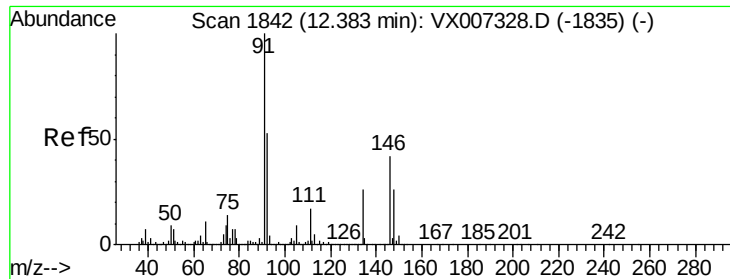
111 36.7 18.1 54.1

148 63.1 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

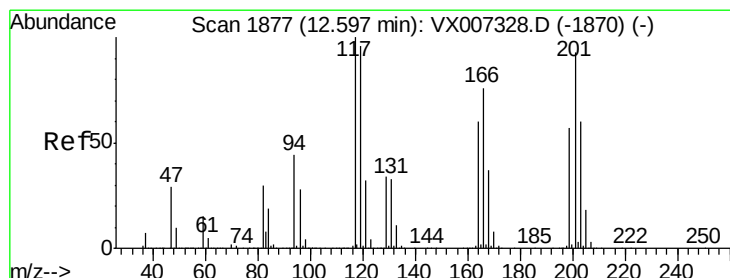
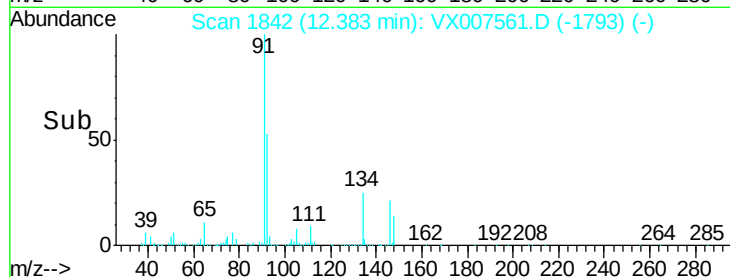
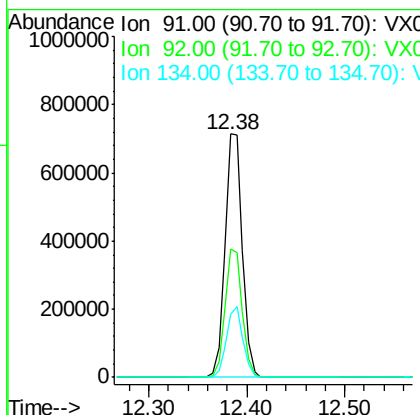
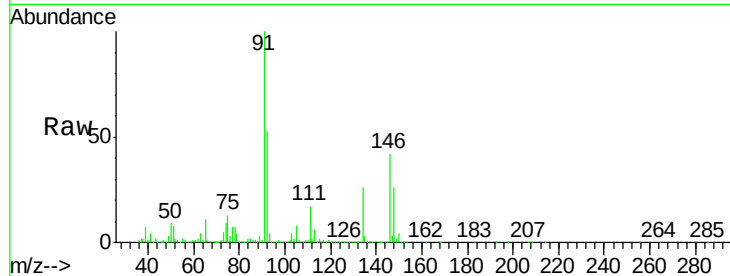




#89
n-Butylbenzene
Concen: 50.849 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

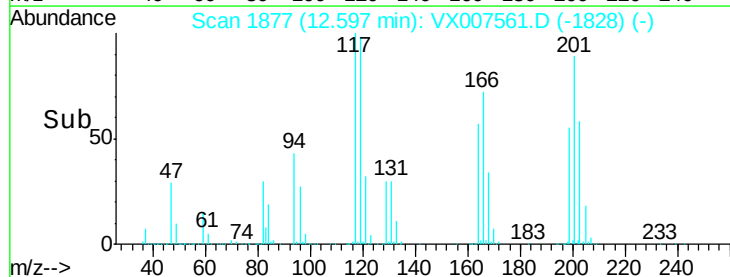
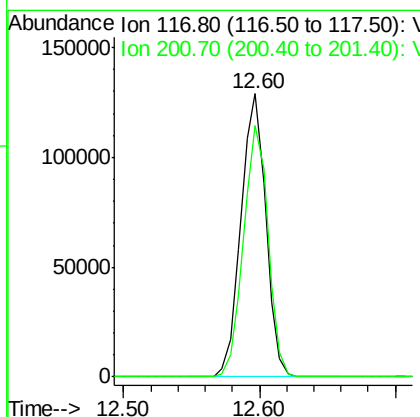
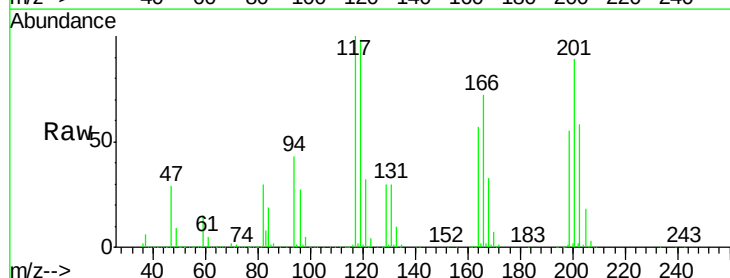
Instrument :
MSVOA_W
ClientSampleId :

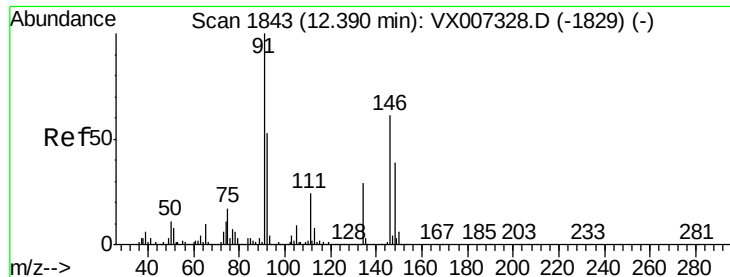
Tot Ion: 91 Resp: 867125
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 55.404 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion: 117 Resp: 164374
Ion Ratio Lower Upper
117 100
201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.158 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

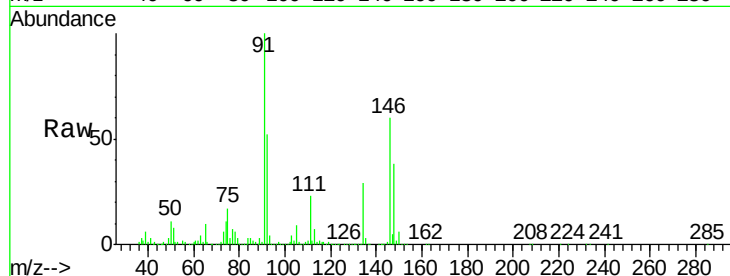
Tot Ion:146 Resp: 520310

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

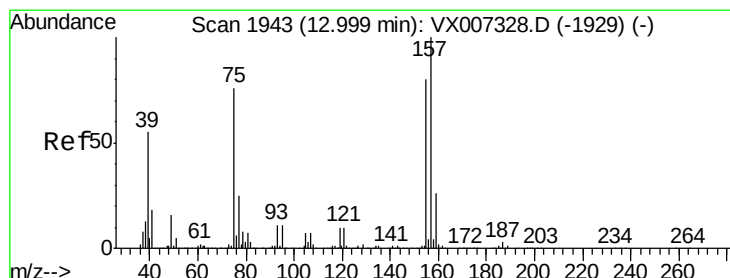
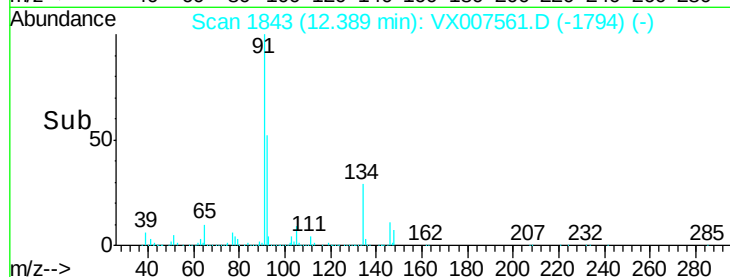
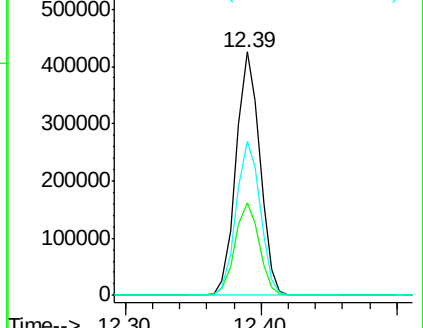
148 64.1 32.1 96.3



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: 52.498 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007561.D

Acq: 15 Feb 2019 11:56

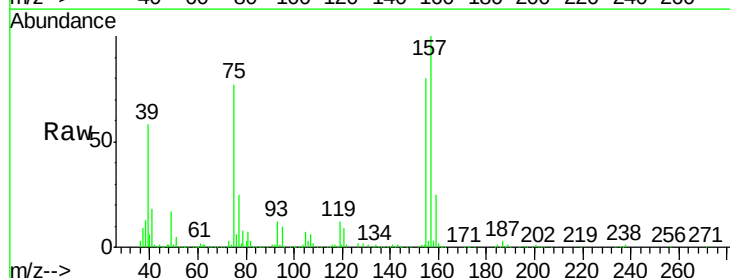
Tgt Ion: 75 Resp: 74520

Ion Ratio Lower Upper

75 100

155 99.7 49.6 149.0

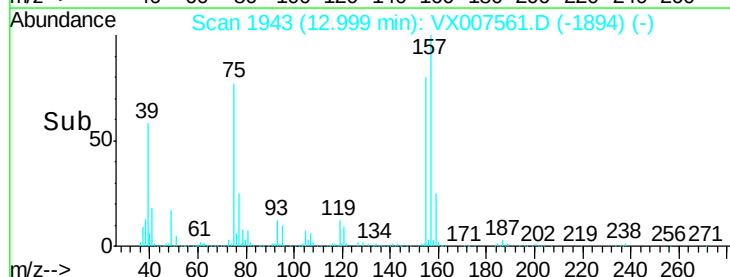
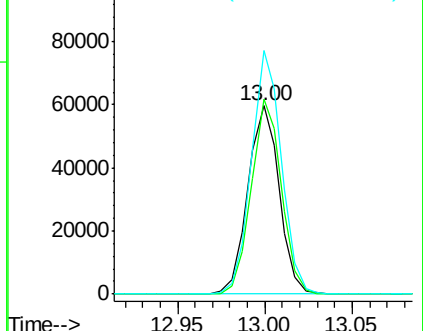
157 124.6 65.1 195.3

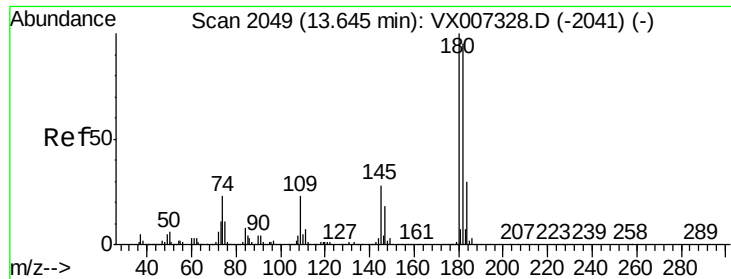


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

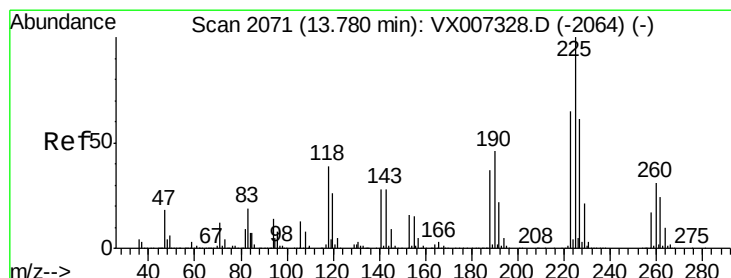
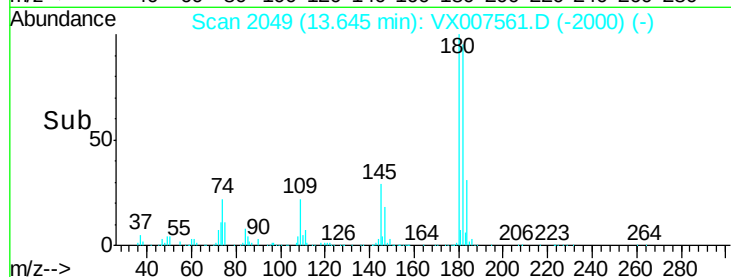
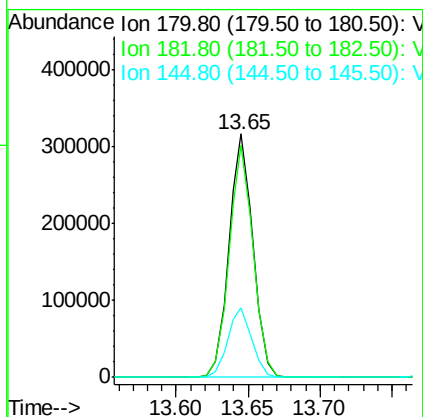
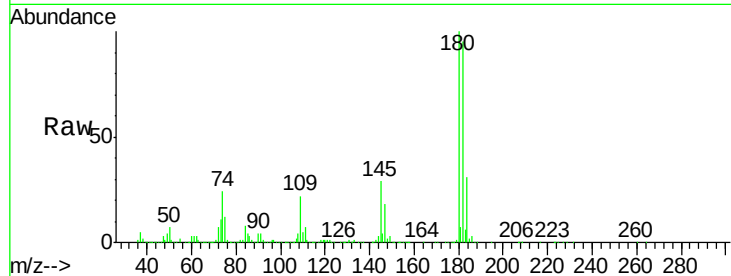




#93
 1,2,4-Trichlorobenzene
 Concen: 48.670 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

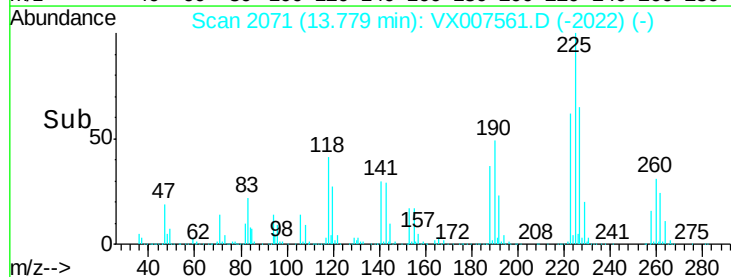
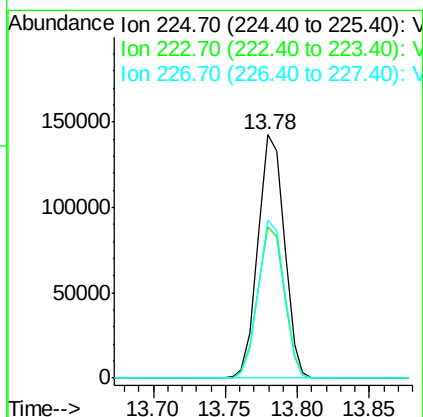
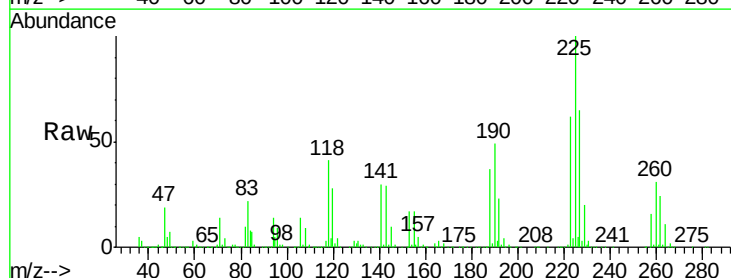
Instrument :
 MSVOA_W
 ClientSampleId :

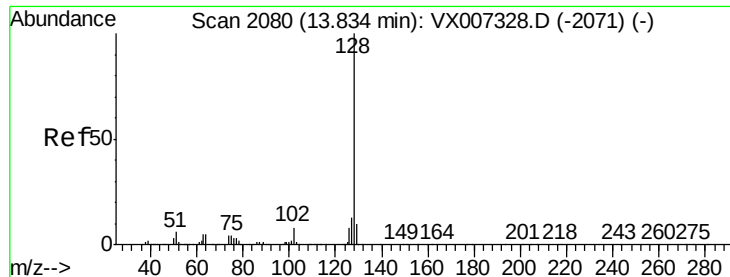
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 48.615 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007561.D
 Acq: 15 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	64.7	32.1	96.3

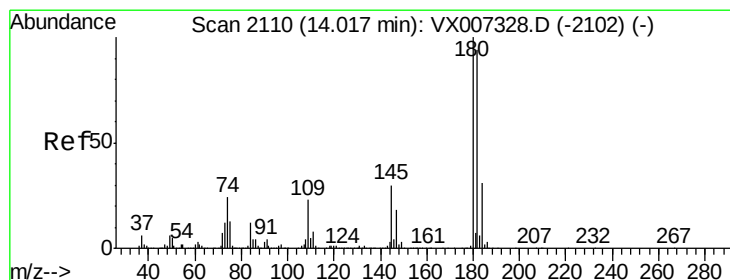
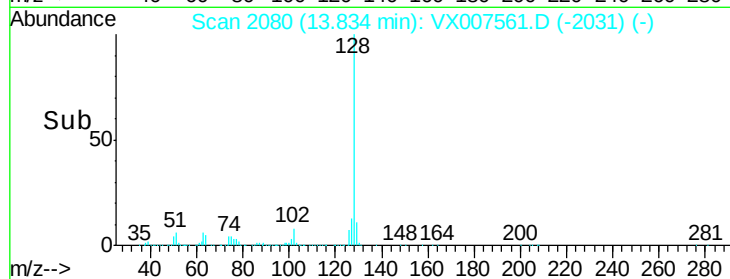
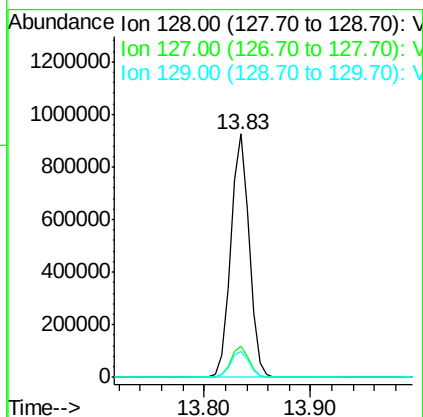
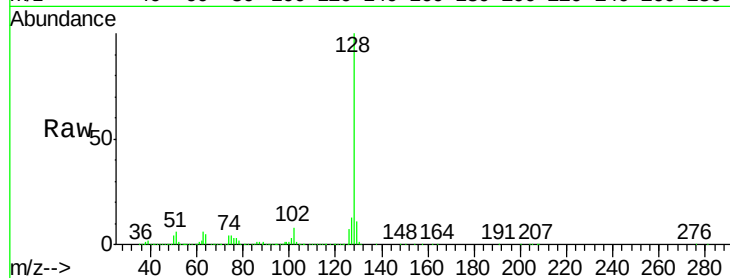




#95
Naphthalene
Concen: 50.522 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 1123136
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.521 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007561.D
Acq: 15 Feb 2019 11:56

Tgt Ion:180 Resp: 371290
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.6
145 29.7 14.9 44.5

