

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006779.D
 Acq On : 22 Dec 2018 18:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 04:27:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	539081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	839155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388327	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	292808	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	5.50	113	267089	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	985725	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	351233	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	217552	44.114	ug/l	97
3) Chloromethane	1.33	50	235714	44.365	ug/l	100
4) Vinyl Chloride	1.41	62	255013	45.956	ug/l	98
5) Bromomethane	1.64	94	262317	50.682	ug/l	97
6) Chloroethane	1.71	64	173878	45.254	ug/l	99
7) Trichlorofluoromethane	1.93	101	418462	48.369	ug/l	100
8) Diethyl Ether	2.19	74	161819	47.092	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	246312	48.490	ug/l	99
10) Methyl Iodide	2.51	142	372040	51.165	ug/l	99
11) Tert butyl alcohol	3.07	59	323702	249.649	ug/l	100
12) 1,1-Dichloroethene	2.37	96	228048	47.347	ug/l	98
13) Acrolein	2.29	56	210268	240.385	ug/l	98
14) Allyl chloride	2.73	41	398299	49.128	ug/l	99
15) Acrylonitrile	3.15	53	757853	263.242	ug/l	99
16) Acetone	2.45	43	625301	234.258	ug/l	99
17) Carbon Disulfide	2.57	76	534042	41.898	ug/l	98
18) Methyl Acetate	2.78	43	438314	55.843	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	824458	51.573	ug/l	99
20) Methylene Chloride	2.85	84	265955	48.184	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	249444	46.741	ug/l	95
22) Diisopropyl ether	3.87	45	781811	52.711	ug/l	94
23) Vinyl Acetate	3.82	43	3123841	257.487	ug/l	99
24) 1,1-Dichloroethane	3.70	63	430146	48.582	ug/l	98
25) 2-Butanone	4.70	43	957817	255.099	ug/l	99
26) 2,2-Dichloropropane	4.58	77	286056	41.825	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	292816	49.730	ug/l	99
28) Bromochloromethane	5.02	49	199762	53.658	ug/l	98
29) Tetrahydrofuran	5.15	42	651868	263.599	ug/l	98
30) Chloroform	5.21	83	464835	50.698	ug/l	98
31) Cyclohexane	5.57	56	382094	47.503	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	386619	49.938	ug/l	99
36) 1,1-Dichloropropene	5.80	75	333757	48.022	ug/l	100
37) Ethyl Acetate	4.85	43	371835	51.402	ug/l	99
38) Carbon Tetrachloride	5.78	117	326179	48.291	ug/l	98

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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)
39) Methylcyclohexane	7.46	83	421747	46.092	ug/l	97
40) Benzene	6.14	78	1044118	49.423	ug/l	98
41) Methacrylonitrile	5.06	41	203904	53.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	352041	48.902	ug/l	100
43) Isopropyl Acetate	6.46	43	579722	52.670	ug/l	99
44) Trichloroethene	7.21	130	299056	46.770	ug/l	99
45) 1,2-Dichloropropane	7.52	63	261404	50.847	ug/l	98
46) Dibromomethane	7.66	93	185396	49.027	ug/l	99
47) Bromodichloromethane	7.90	83	318828	50.784	ug/l	95
48) Methyl methacrylate	7.77	41	302451	54.036	ug/l	98
49) 1,4-Dioxane	7.75	88	145932	996.411	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1852636	264.543	ug/l	100
52) Toluene	8.78	92	680277	49.843	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	341523	50.722	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	383966	51.971	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283945	50.827	ug/l	97
56) Ethyl methacrylate	9.18	69	416760	52.782	ug/l	98
57) 1,3-Dichloropropane	9.37	76	453726	50.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1055817	251.555	ug/l	99
59) 2-Hexanone	9.49	43	1391669	259.725	ug/l	100
60) Dibromochloromethane	9.59	129	274966	47.197	ug/l	99
61) 1,2-Dibromoethane	9.67	107	302476	50.934	ug/l	100
64) Tetrachloroethene	9.34	164	280856	46.652	ug/l	97
65) Chlorobenzene	10.14	112	784879	48.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	271010	54.004	ug/l	99
67) Ethyl Benzene	10.25	91	1305840	49.684	ug/l	99
68) m/p-Xylenes	10.36	106	1027430	99.065	ug/l	100
69) o-Xylene	10.69	106	504383	49.250	ug/l	99
70) Styrene	10.71	104	813727	50.222	ug/l	99
71) Bromoform	10.86	173	197458	44.191	ug/l	99
73) Isopropylbenzene	11.02	105	1342109	50.519	ug/l	99
74) N-amyl acetate	10.90	43	515932	54.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	417577	52.852	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	453723	62.871	ug/l	90
77) Bromobenzene	11.26	156	356255	49.602	ug/l	99
78) n-propylbenzene	11.36	91	1482536	50.677	ug/l	99
79) 2-Chlorotoluene	11.42	91	867134	48.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1102113	50.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99835	42.769	ug/l	95
82) 4-Chlorotoluene	11.51	91	1007167	49.526	ug/l	100
83) tert-Butylbenzene	11.77	119	1135187	51.835	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1126915	48.963	ug/l	100
85) sec-Butylbenzene	11.94	105	1348772	50.232	ug/l	100
86) p-Isopropyltoluene	12.07	119	1198210	50.765	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	634108	48.987	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	640244	48.249	ug/l	99
89) n-Butylbenzene	12.39	91	1026208	51.088	ug/l	99
90) Hexachloroethane	12.60	117	172595	46.939	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	634572	49.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83555	51.110	ug/l	99

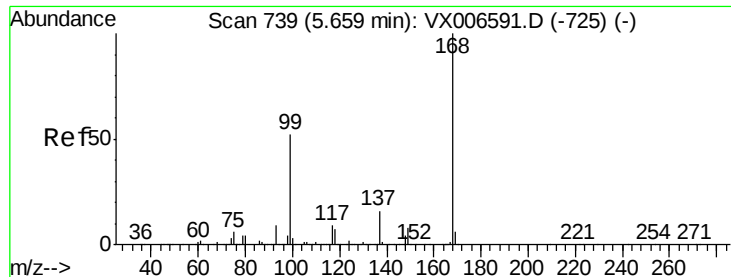
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	445943	49.926	ug/l	100
94) Hexachlorobutadiene	13.78	225	204051	48.468	ug/l	99
95) Naphthalene	13.83	128	1418172	49.747	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	452551	49.072	ug/l	98

(#) = 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: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

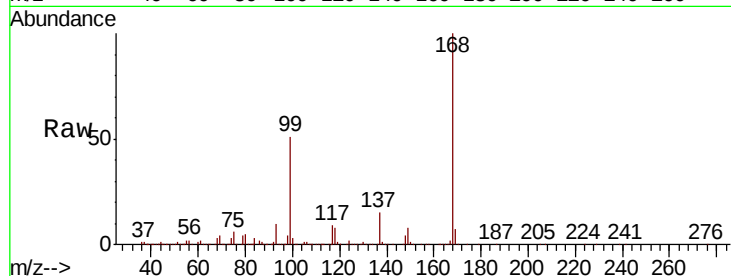
ClientSampled :

Tot Ion:168 Resp: 539081

Ion Ratio Lower Upper

168 100

99 51.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

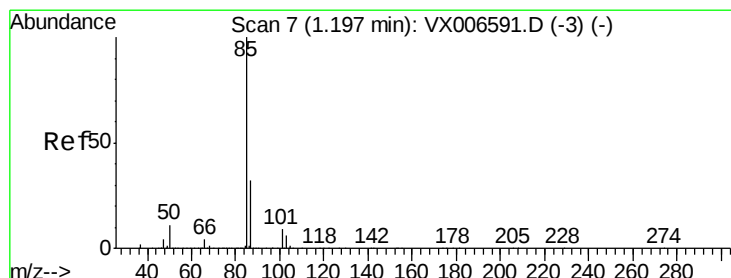
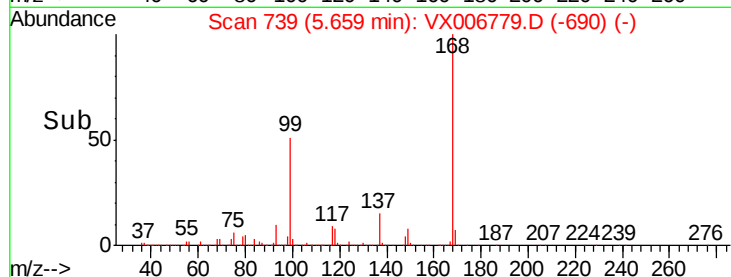
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.114 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006779.D

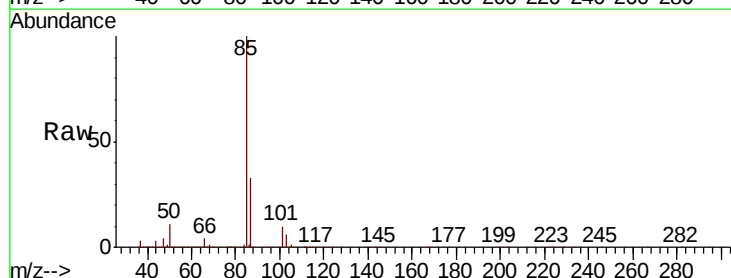
Acq: 22 Dec 2018 18:23

Tgt Ion: 85 Resp: 217552

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

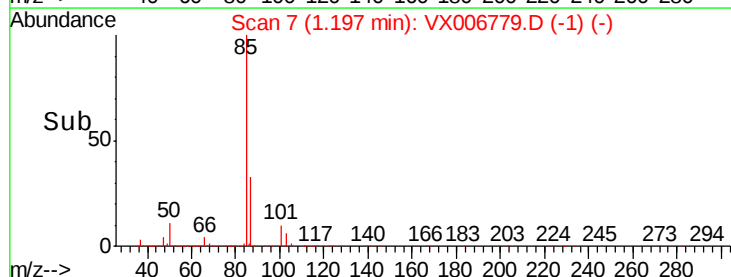
100000

50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.365 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

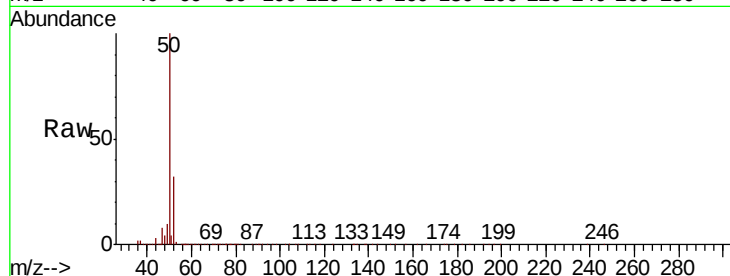
ClientSampleId :

Tot Ion: 50 Resp: 235714

Ion Ratio Lower Upper

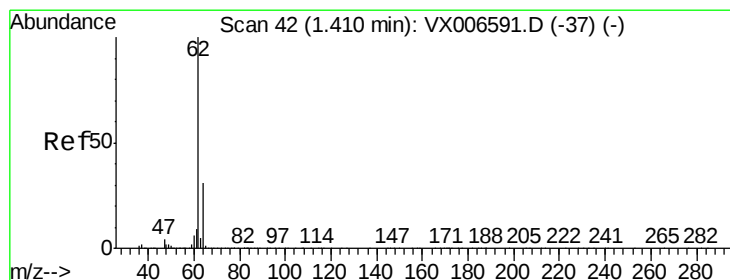
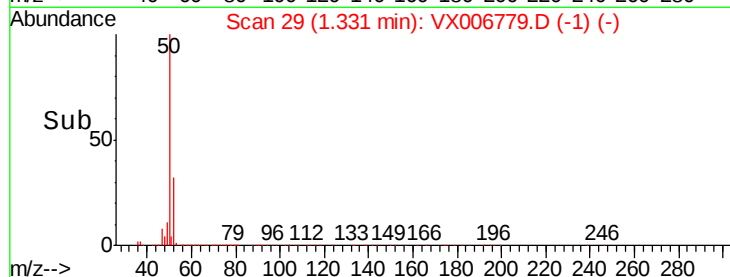
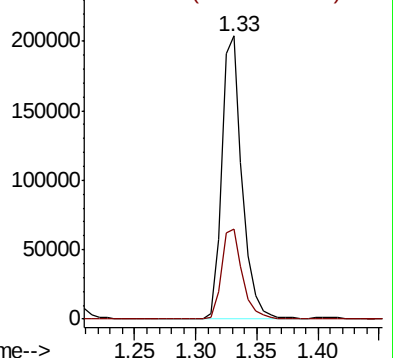
50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.956 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006779.D

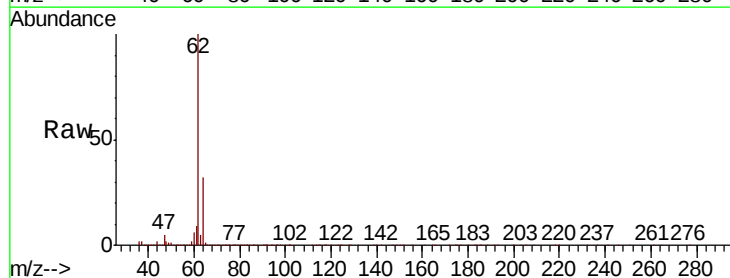
Acq: 22 Dec 2018 18:23

Tgt Ion: 62 Resp: 255013

Ion Ratio Lower Upper

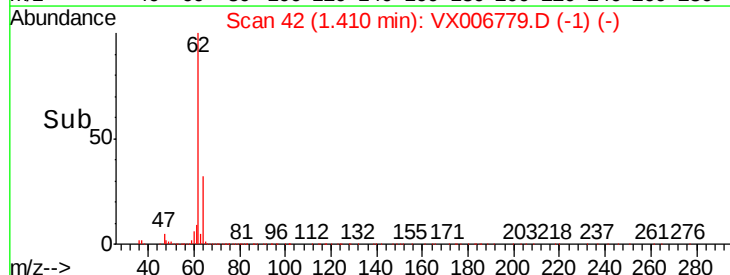
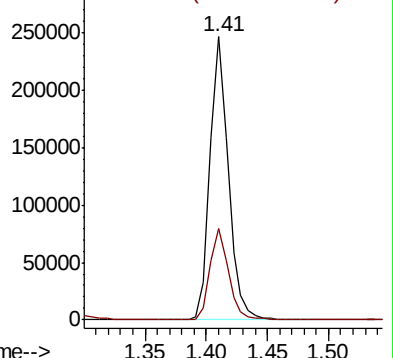
62 100

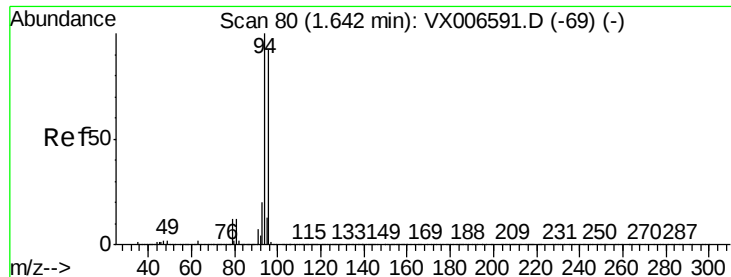
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.682 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

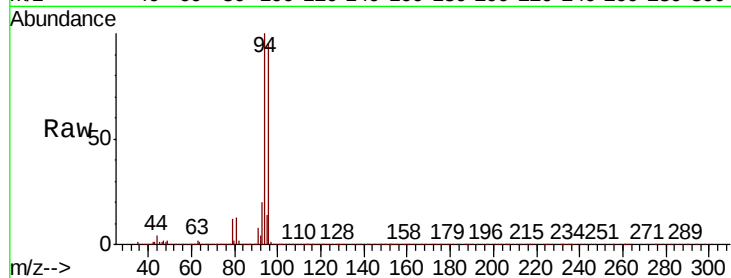
ClientSampled :

Tot Ion: 94 Resp: 262317

Ion Ratio Lower Upper

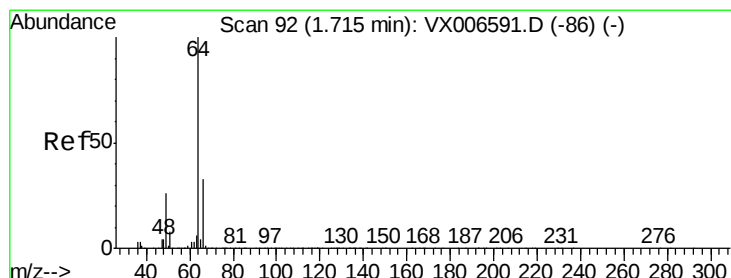
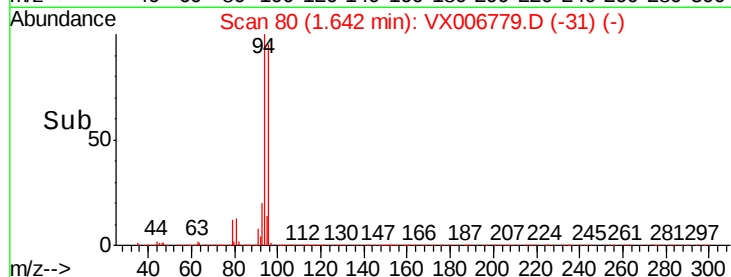
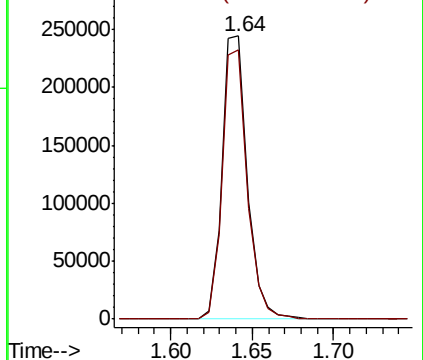
94 100

96 95.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.254 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006779.D

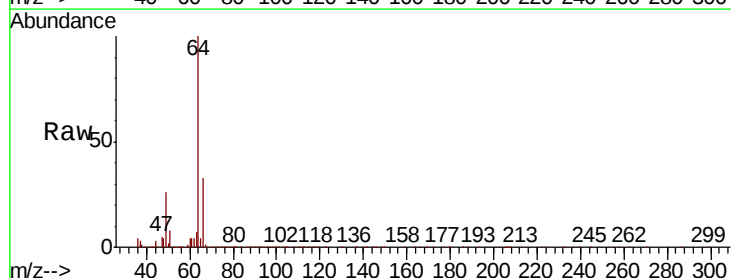
Acq: 22 Dec 2018 18:23

Tgt Ion: 64 Resp: 173878

Ion Ratio Lower Upper

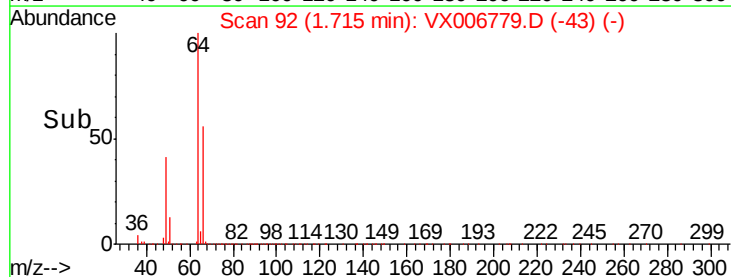
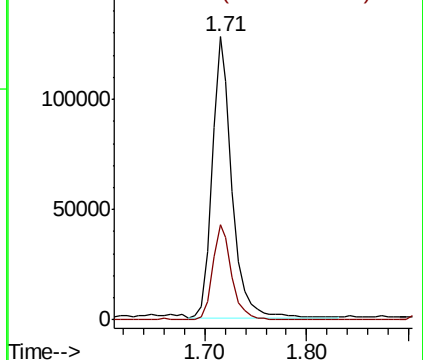
64 100

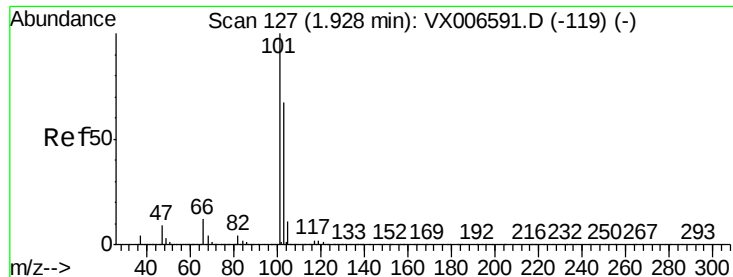
66 33.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



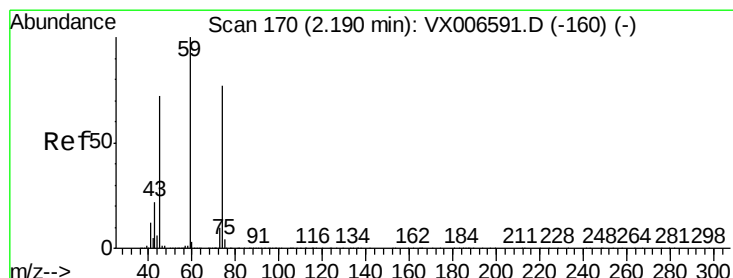
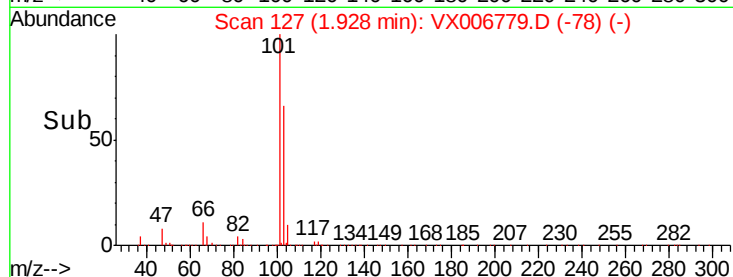
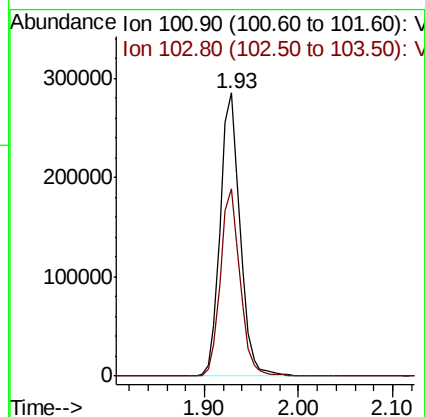
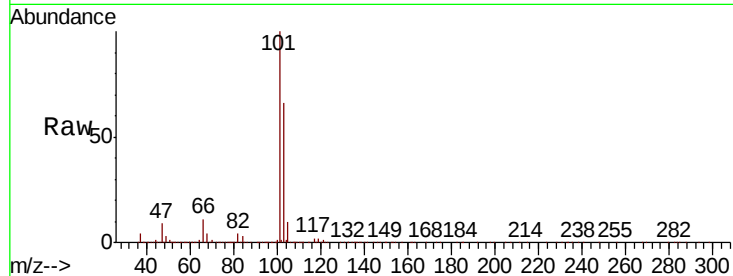


#7

Trichlorofluoromethane
Concen: 48.369 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

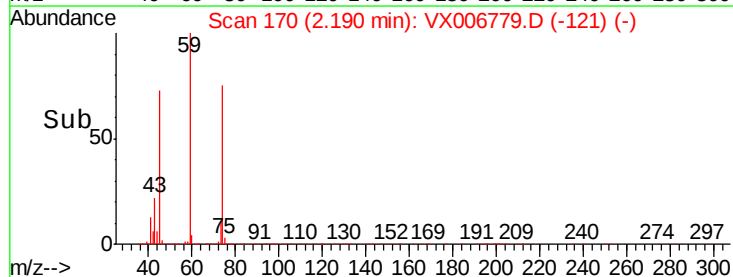
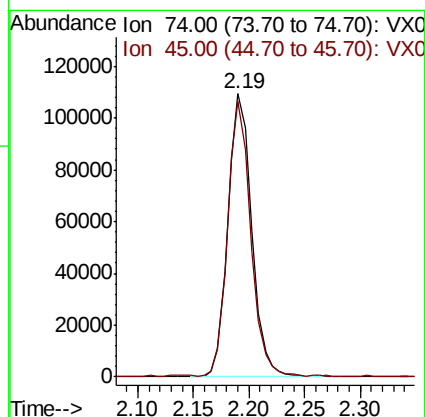
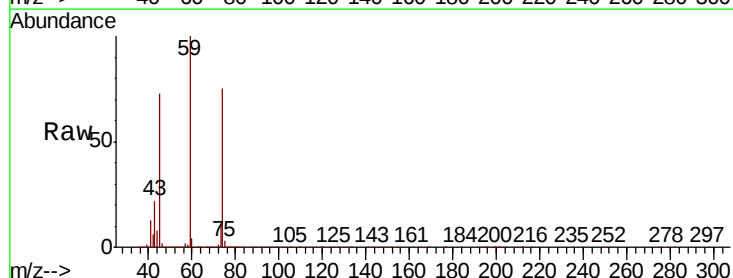
Tot Ion:101 Resp: 418462
Ion Ratio Lower Upper
101 100
103 66.3 53.2 79.8

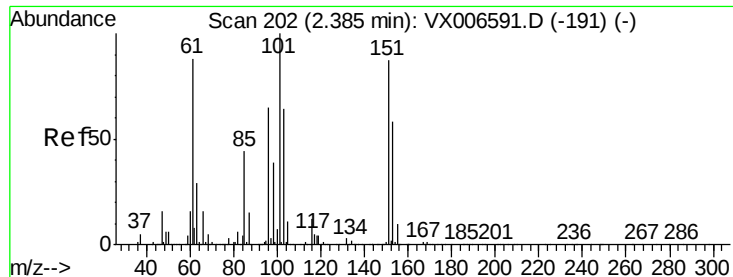


#8

Diethyl Ether
Concen: 47.092 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 74 Resp: 161819
Ion Ratio Lower Upper
74 100
45 94.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.490 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

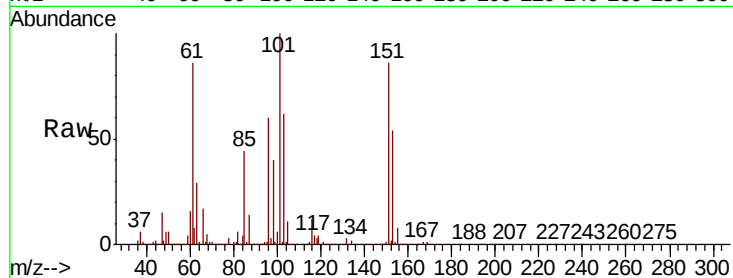
Tot Ion:101 Resp: 246312

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

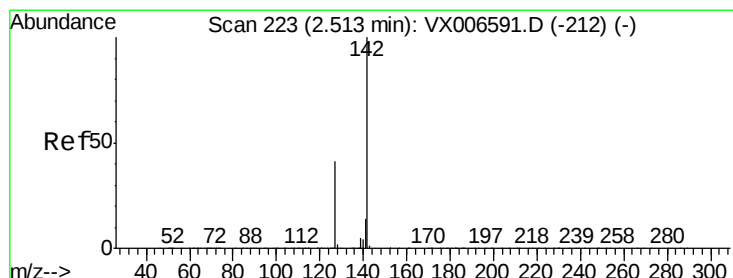
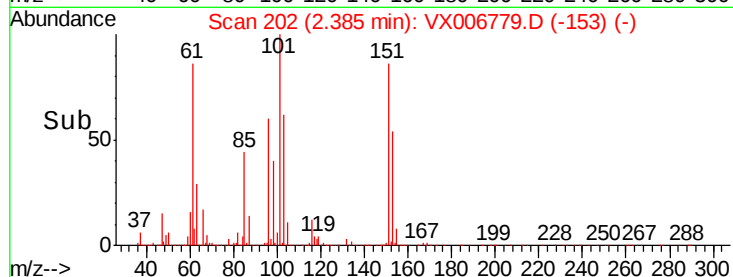
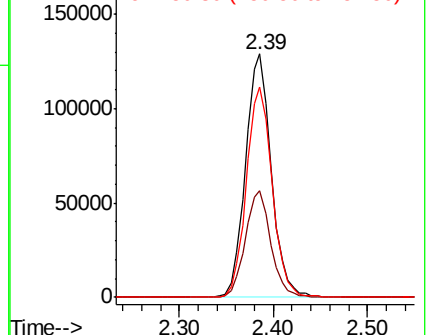
151 87.0 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.165 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

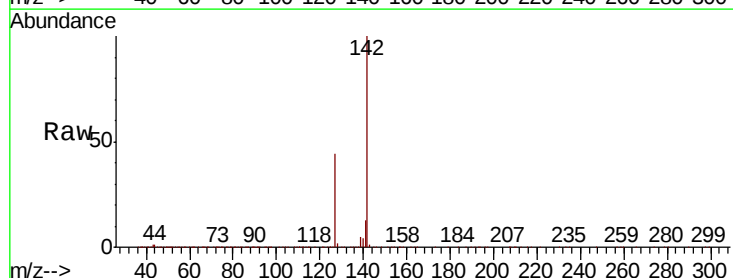
Tgt Ion:142 Resp: 372040

Ion Ratio Lower Upper

142 100

127 43.2 33.9 50.9

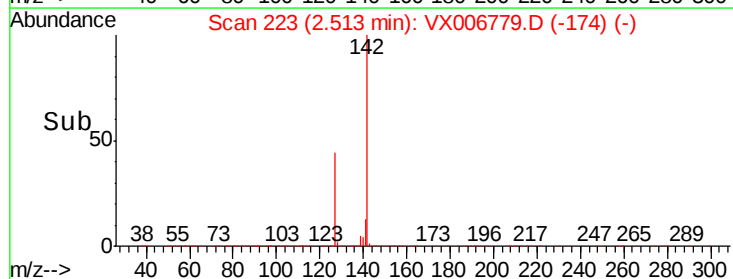
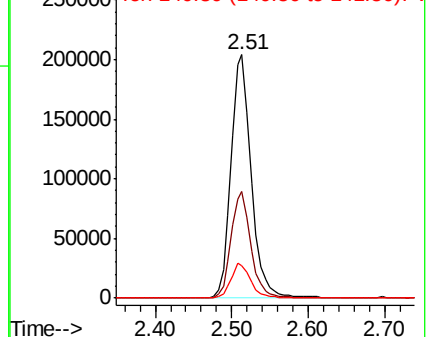
141 14.0 11.4 17.0

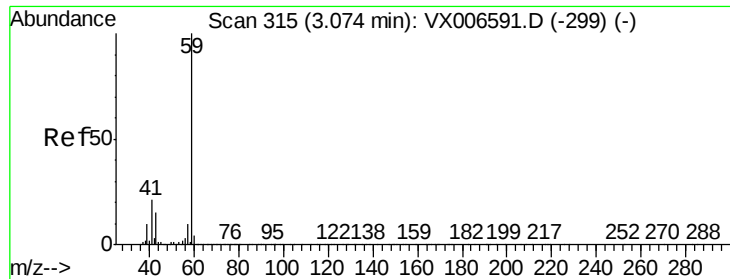


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



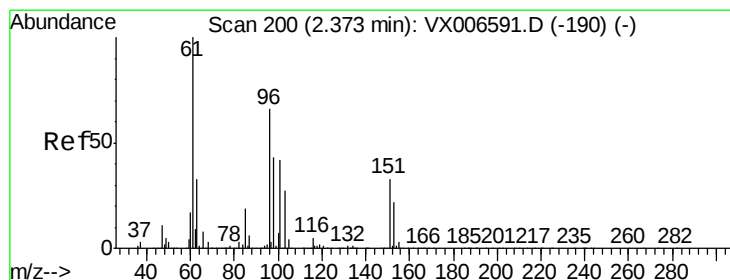
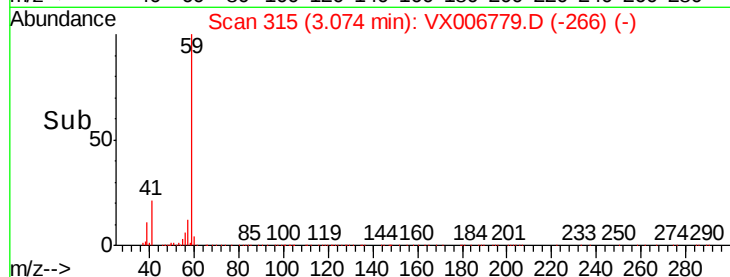
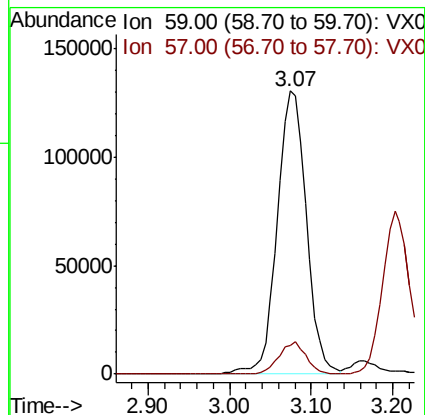
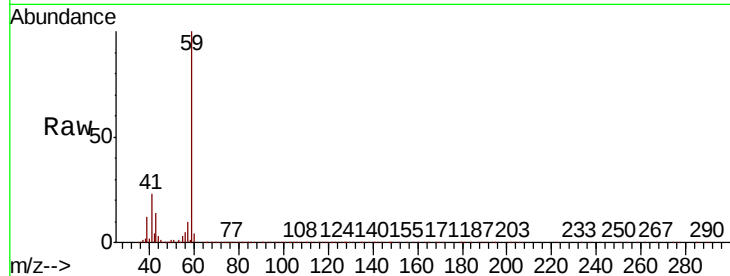


#11

Tert butyl alcohol
Concen: 249.649 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampled :

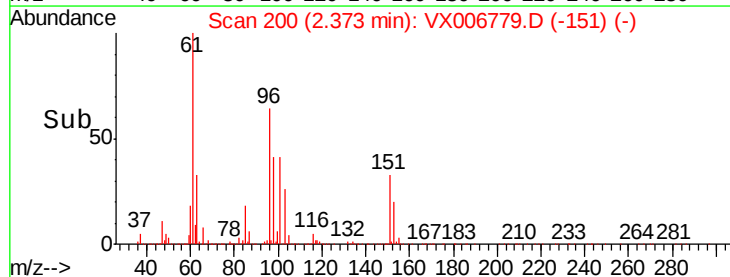
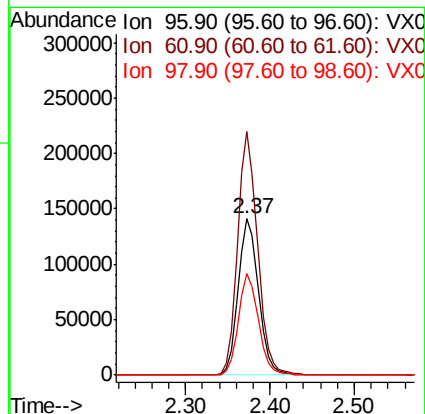
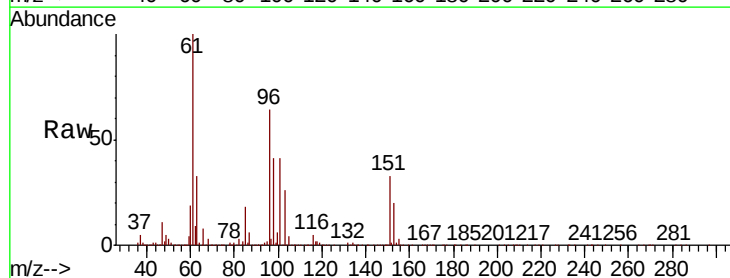
Tot Ion: 59 Resp: 323702
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

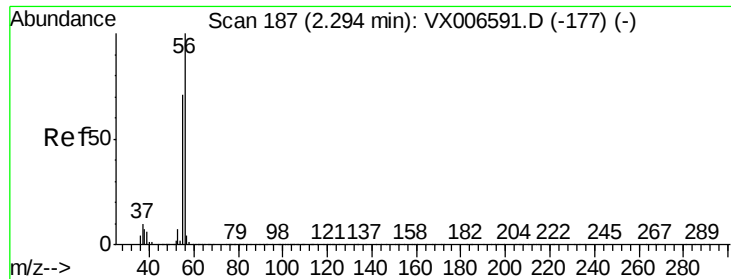


#12

1,1-Dichloroethene
Concen: 47.347 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 96 Resp: 228048
Ion Ratio Lower Upper
96 100
61 155.5 121.4 182.2
98 64.5 51.9 77.9





#13

Acrolein

Concen: 240.385 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

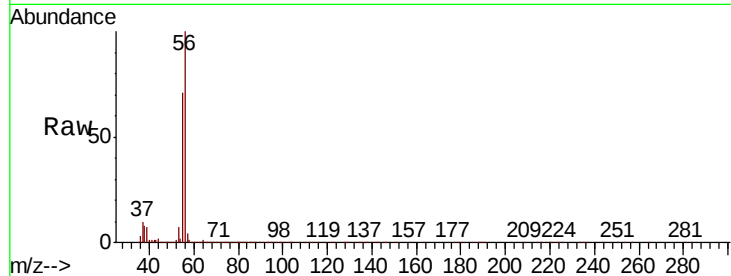
ClientSampled :

Tot Ion: 56 Resp: 210268

Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

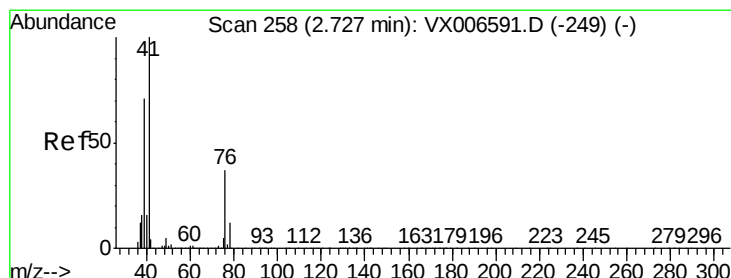
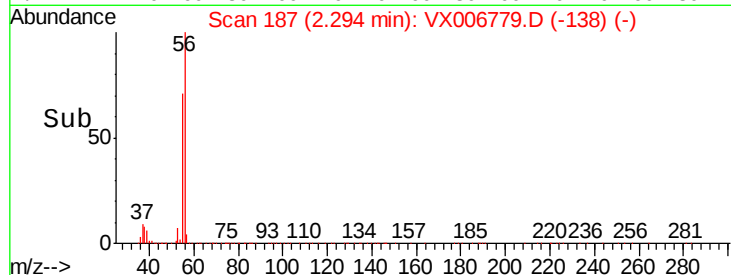
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 49.128 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

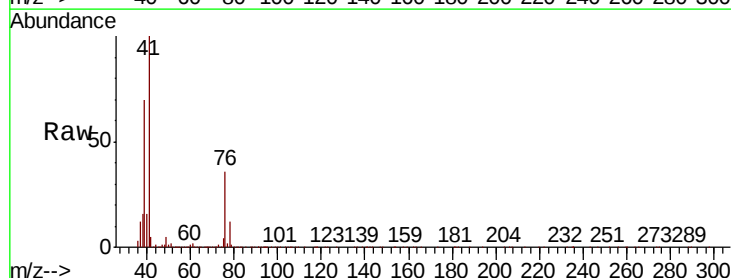
Tgt Ion: 41 Resp: 398299

Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 33.2 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

250000

200000

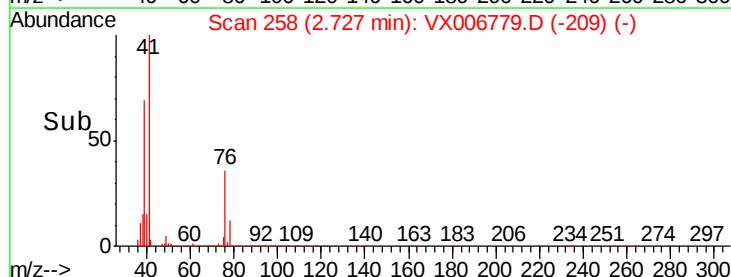
150000

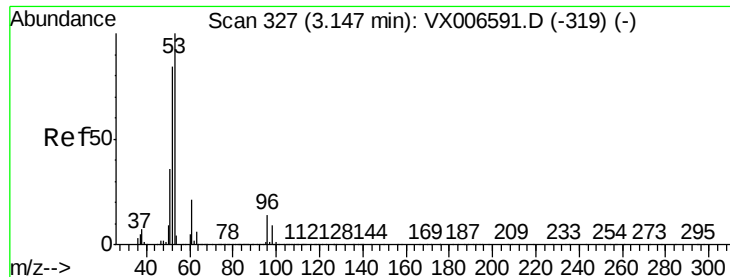
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 263.242 ug/l

RT: 3.15 min Scan# 328

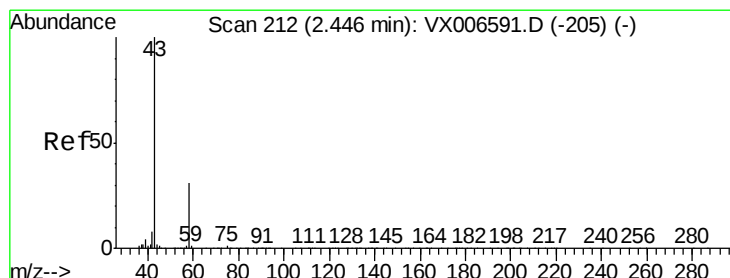
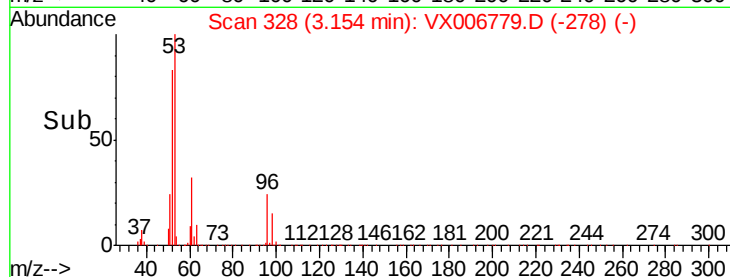
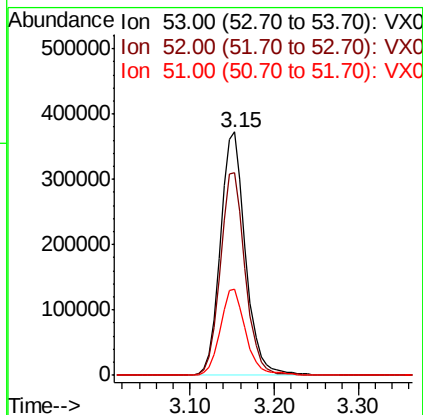
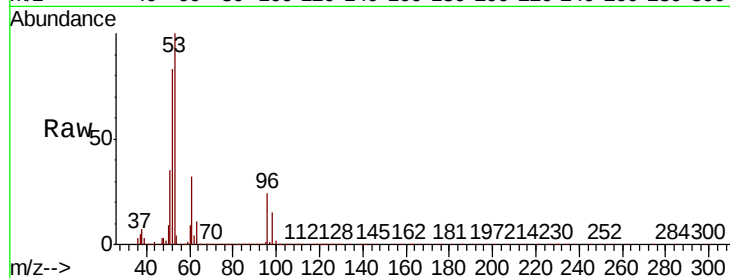
Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	757853
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.0	28.6	42.8



#16

Acetone

Concen: 234.258 ug/l

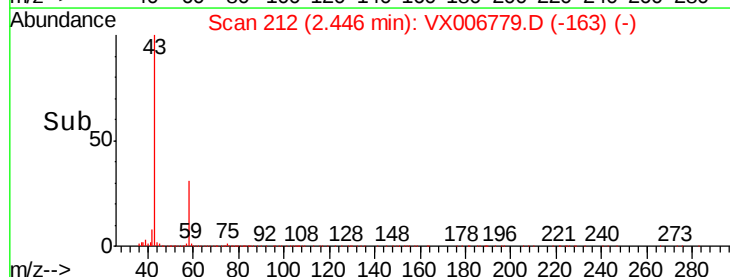
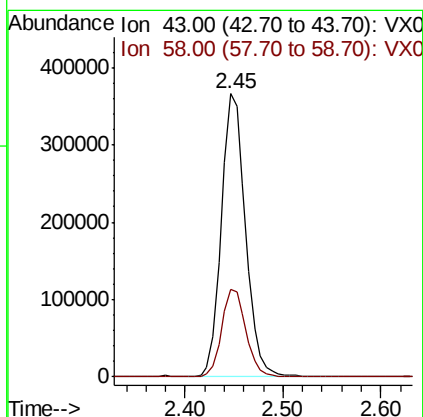
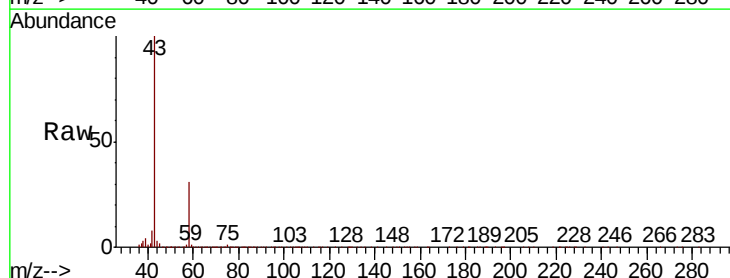
RT: 2.45 min Scan# 212

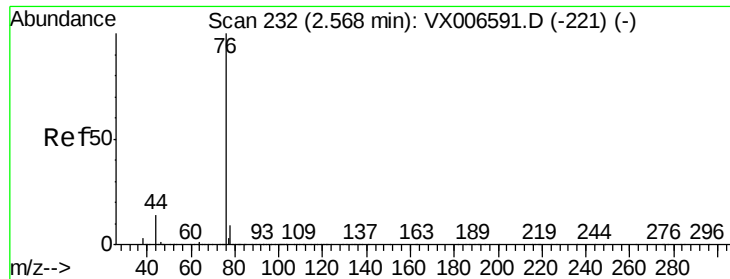
Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Tgt Ion:	43	Resp:	625301
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.0	37.6





#17

Carbon Disulfide

Concen: 41.898 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

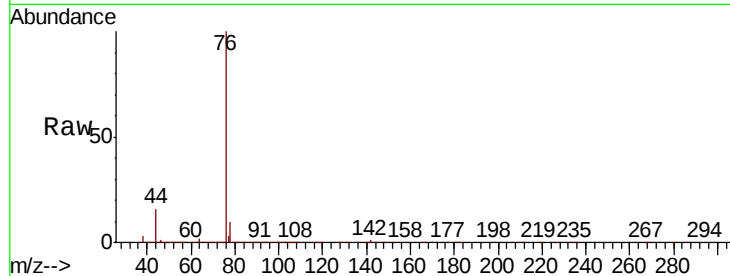
ClientSampleId :

Tot Ion: 76 Resp: 534042

Ion Ratio Lower Upper

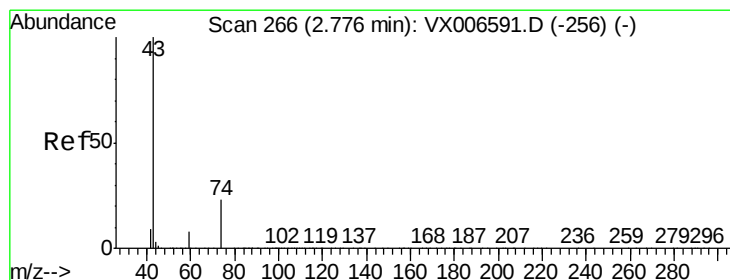
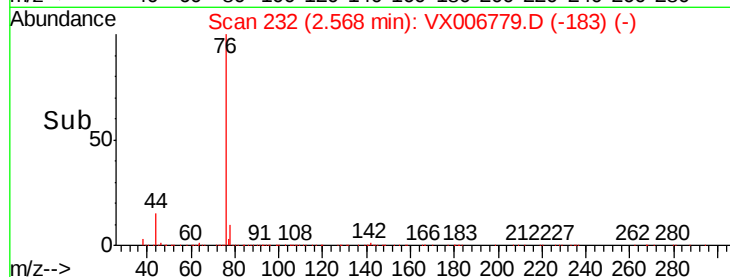
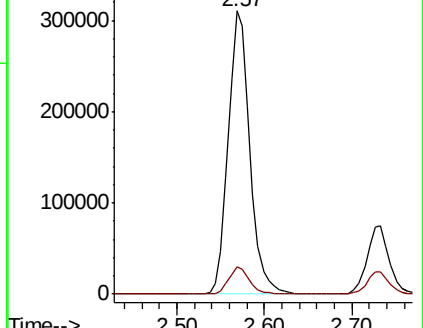
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX006779.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX006779.D (-183) (-)



#18

Methyl Acetate

Concen: 55.843 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006779.D

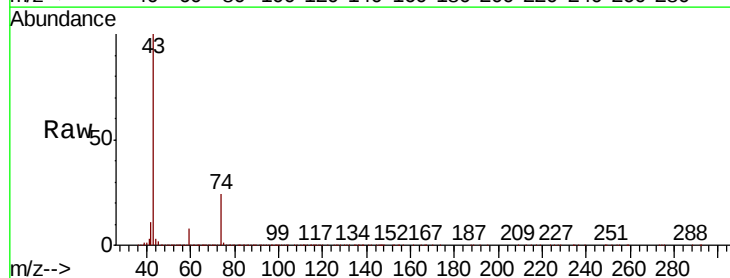
Acq: 22 Dec 2018 18:23

Tgt Ion: 43 Resp: 438314

Ion Ratio Lower Upper

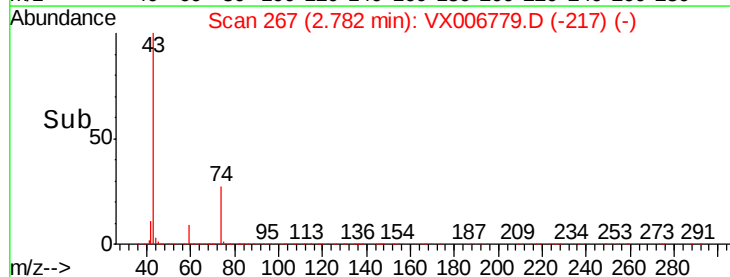
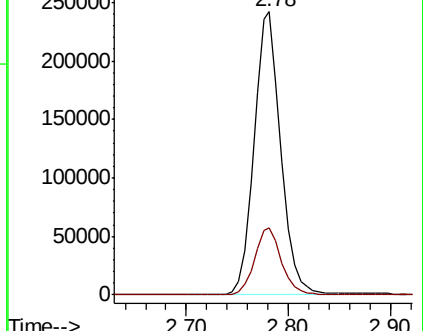
43 100

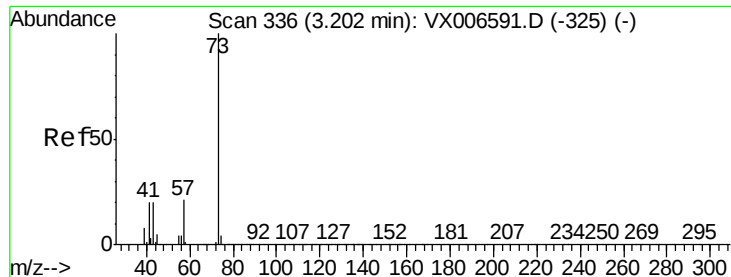
74 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX006779.D (-217) (-)

Ion 74.00 (73.70 to 74.70): VX006779.D (-217) (-)



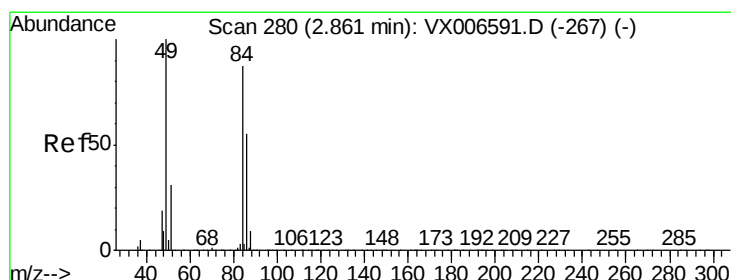
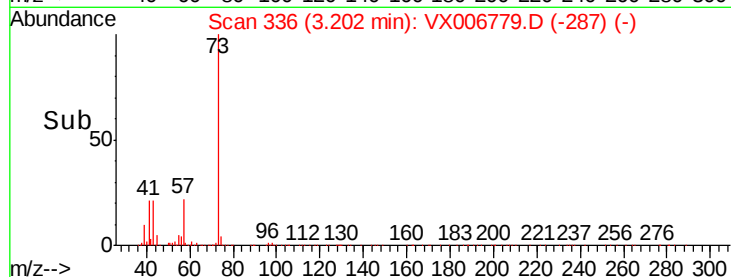
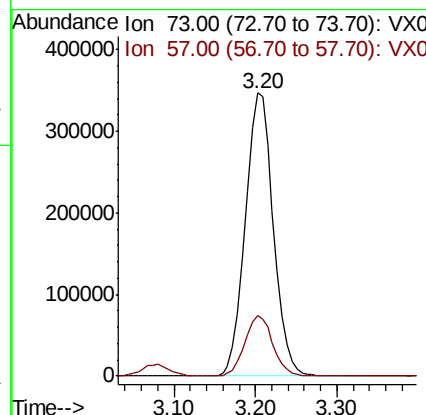
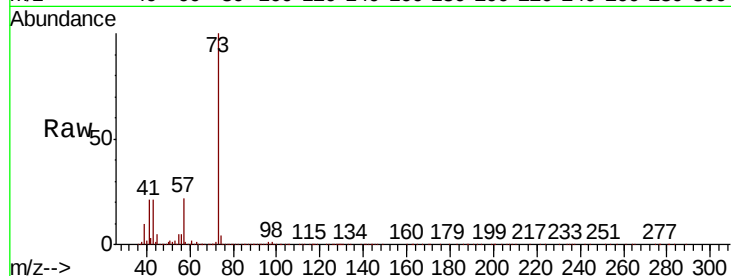


#19

Methyl tert-butyl Ether
 Concen: 51.573 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :

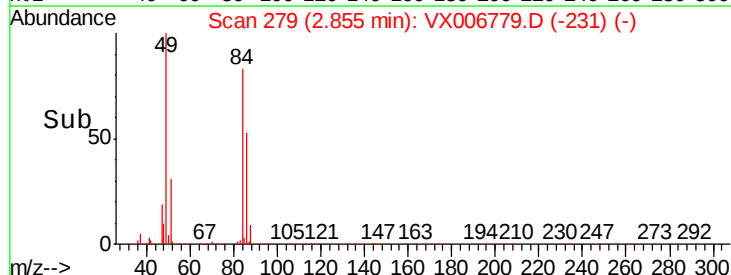
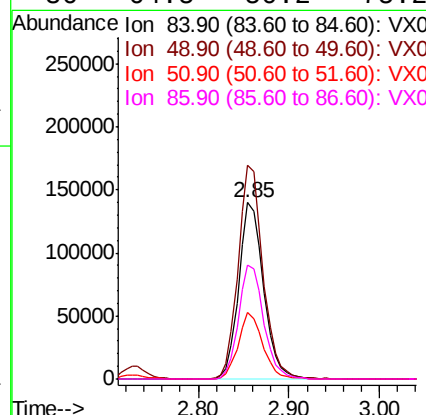
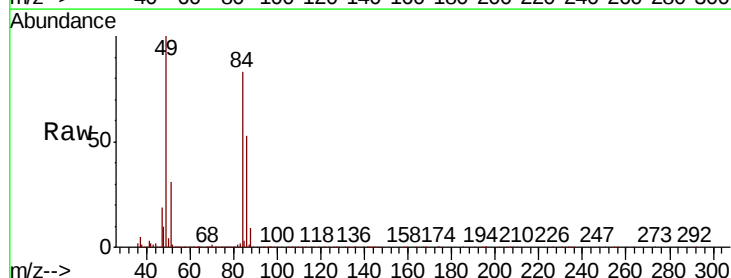
Tot Ion: 73 Resp: 824458
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

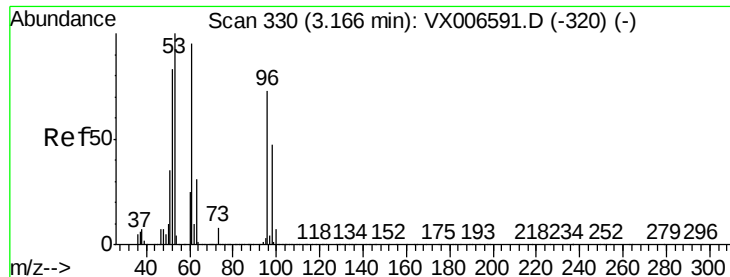


#20

Methylene Chloride
 Concen: 48.184 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion: 84 Resp: 265955
 Ion Ratio Lower Upper
 84 100
 49 121.1 91.8 137.6
 51 37.9 28.5 42.7
 86 64.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.741 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

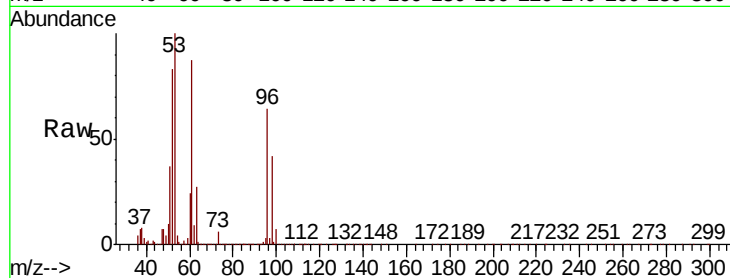
Tot Ion: 96 Resp: 249444

Ion Ratio Lower Upper

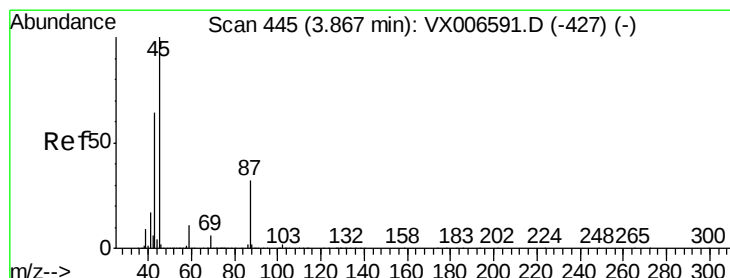
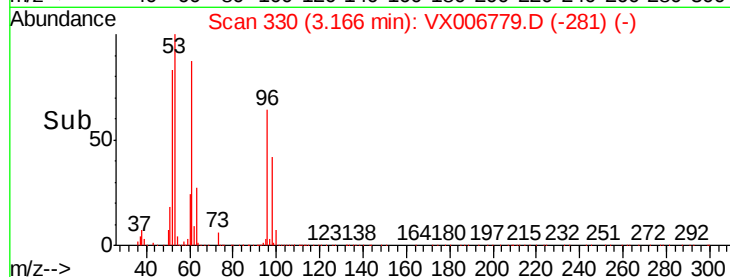
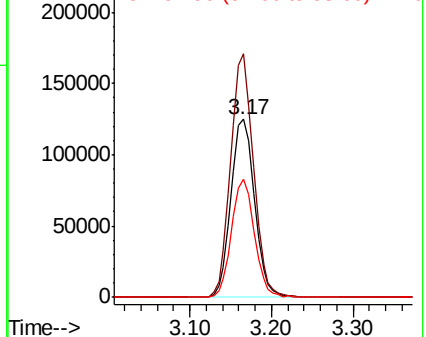
96 100

61 136.6 103.7 155.5

98 66.1 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.711 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Tgt Ion: 45 Resp: 781811

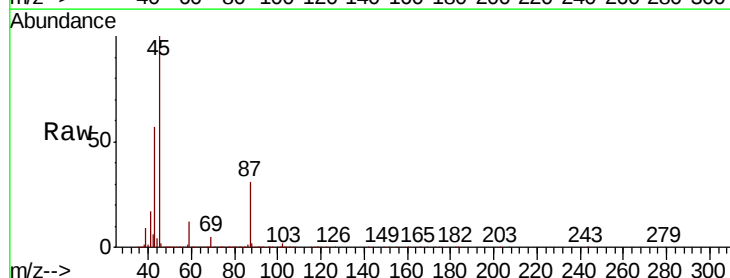
Ion Ratio Lower Upper

45 100

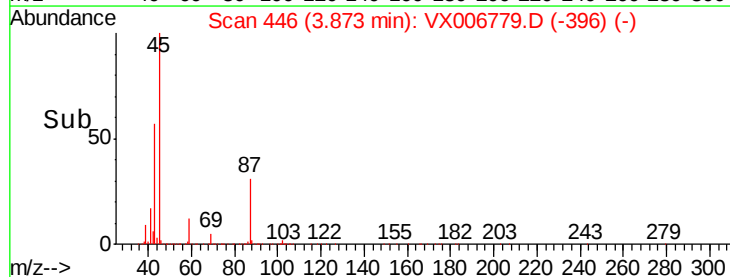
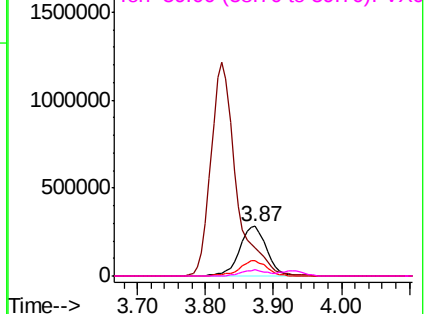
43 56.5 51.2 76.8

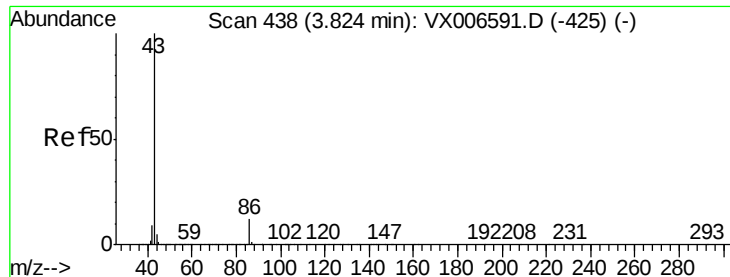
87 31.2 25.8 38.6

59 12.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.487 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

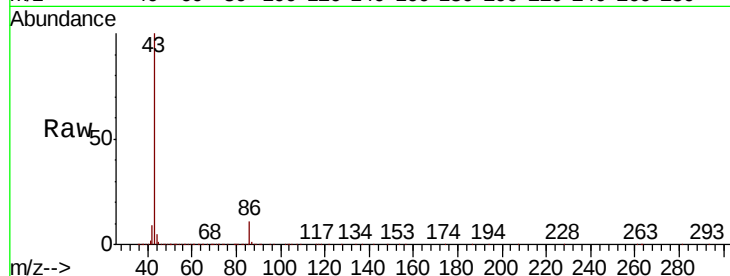
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3123841

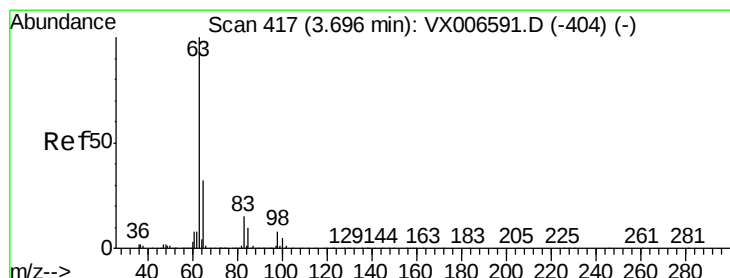
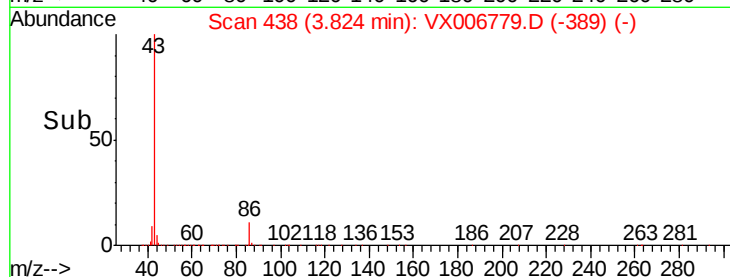
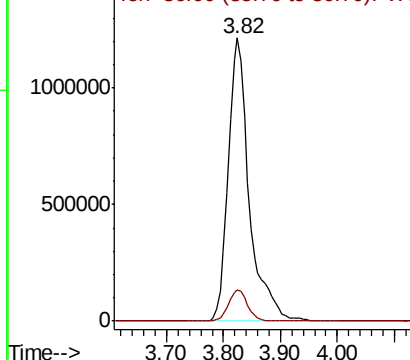
Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.582 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

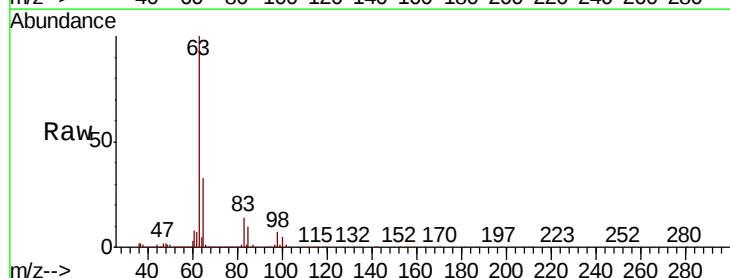
Tgt Ion: 63 Resp: 430146

Ion Ratio Lower Upper

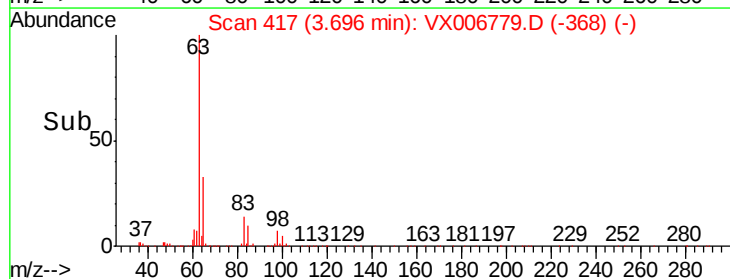
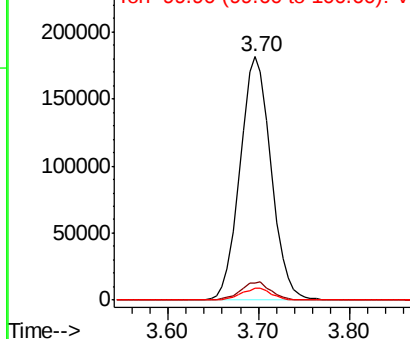
63 100

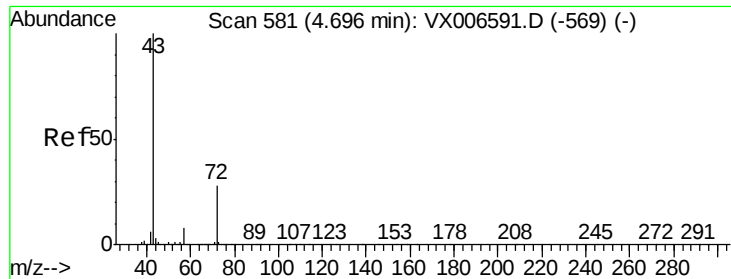
98 7.0 3.9 11.5

100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

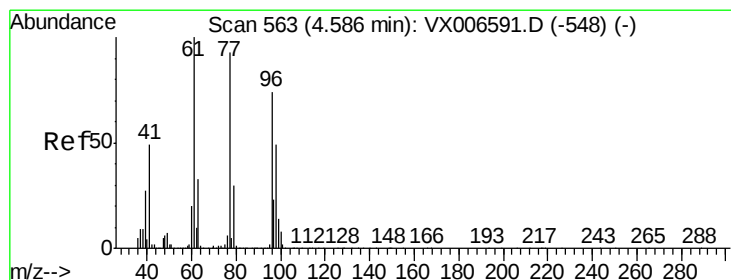
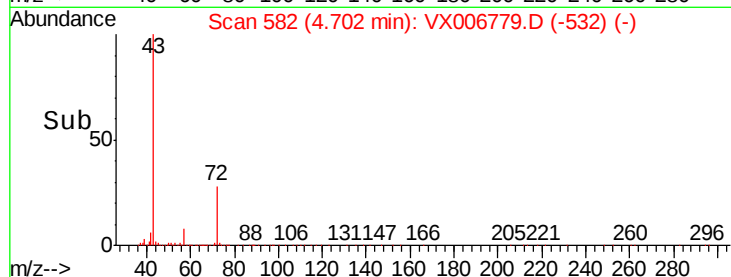
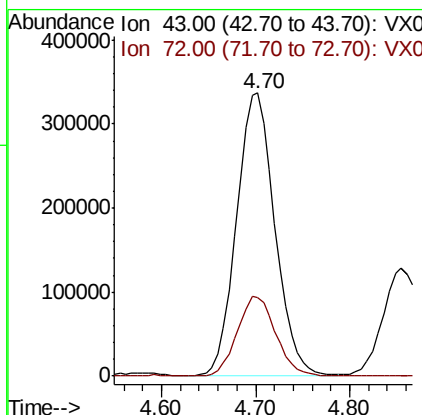
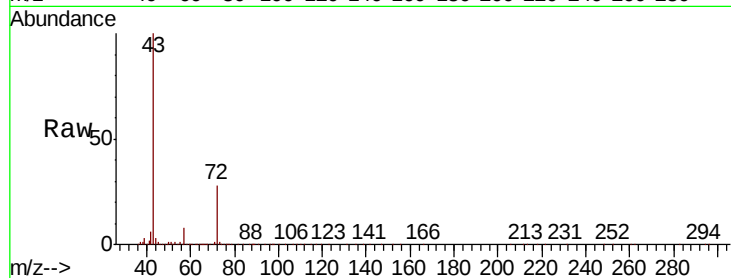




#25
2-Butanone
Concen: 255.099 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

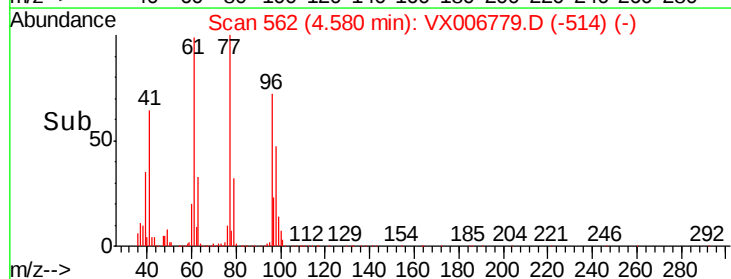
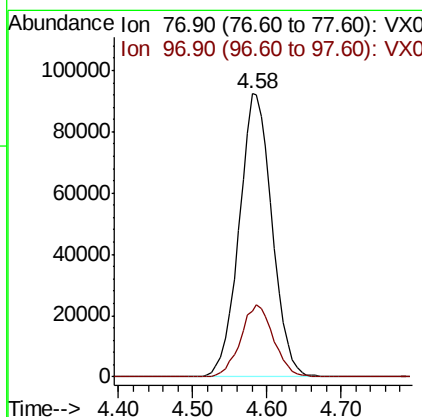
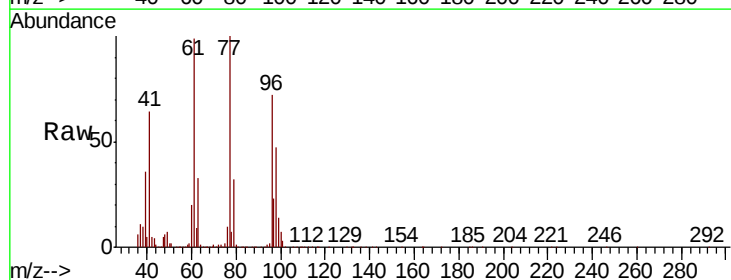
Instrument :
MSVOA_X
ClientSampleId :

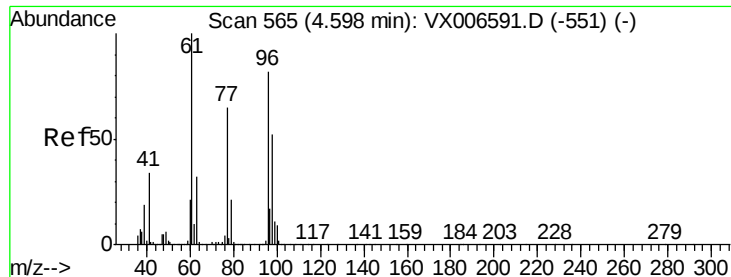
Tot Ion: 43 Resp: 957817
Ion Ratio Lower Upper
43 100
72 27.7 22.4 33.6



#26
2,2-Dichloropropane
Concen: 41.825 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 77 Resp: 286056
Ion Ratio Lower Upper
77 100
97 25.6 12.4 37.4



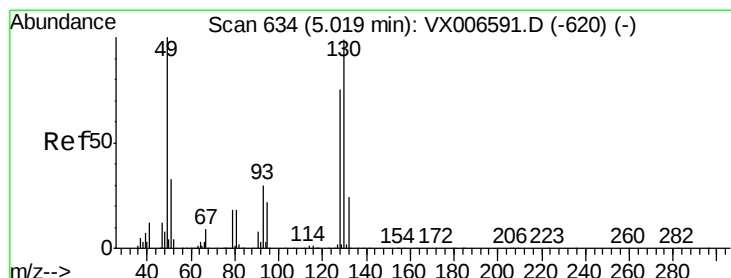
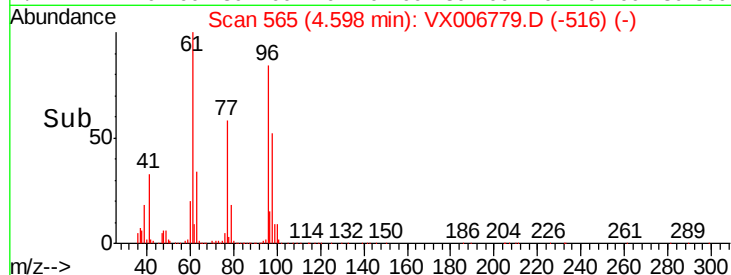
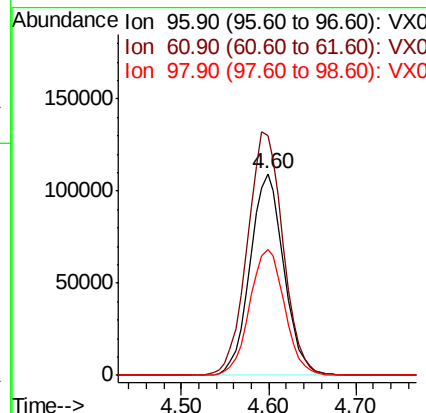
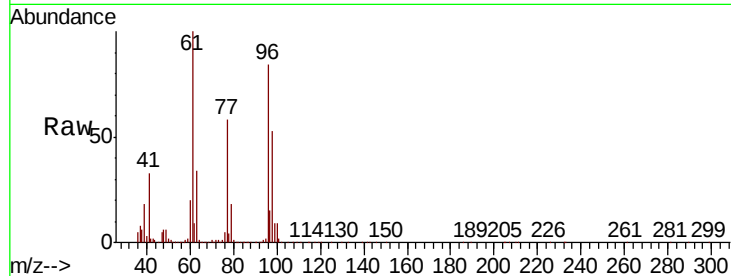


#27

cis-1,2-Dichloroethene
Concen: 49.730 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

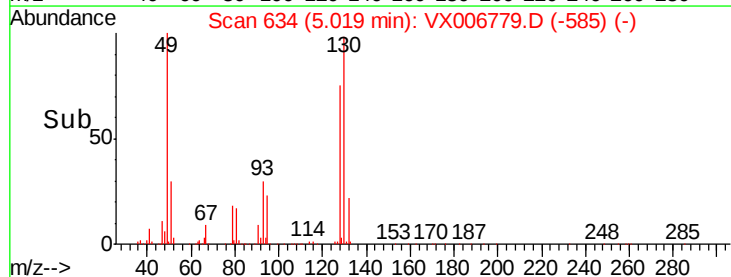
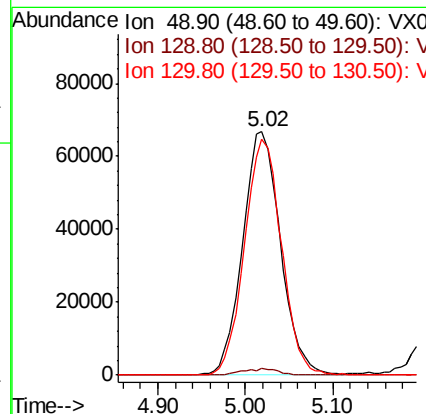
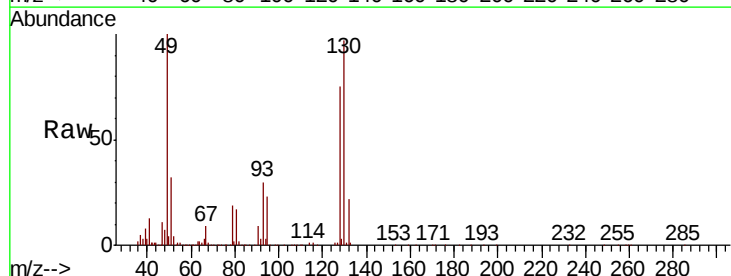
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	258.6
98	64.8	0.0	132.0

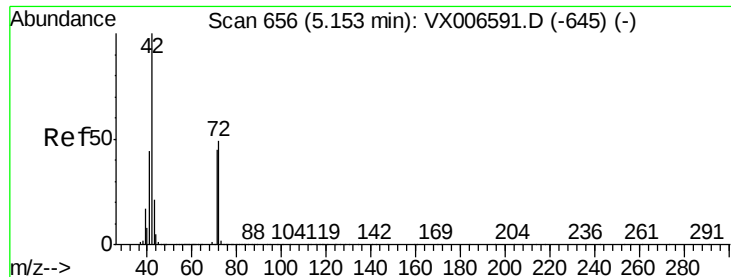


#28

Bromochloromethane
Concen: 53.658 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	95.3	77.7	116.5





#29

Tetrahydrofuran

Concen: 263.599 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

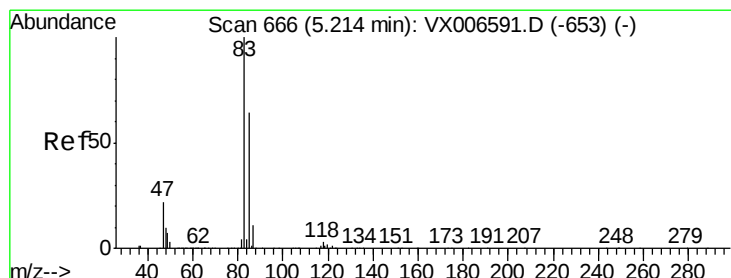
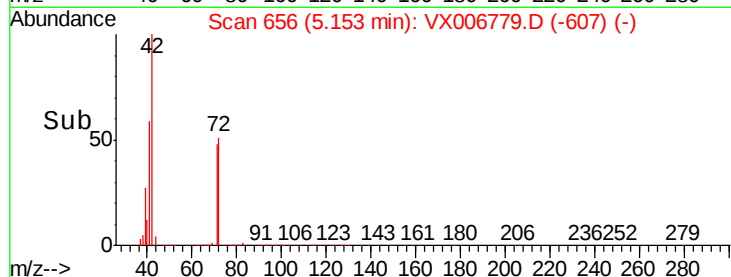
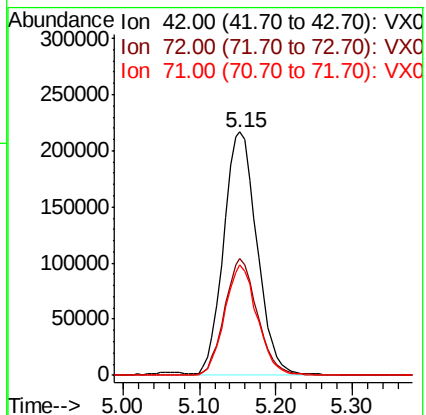
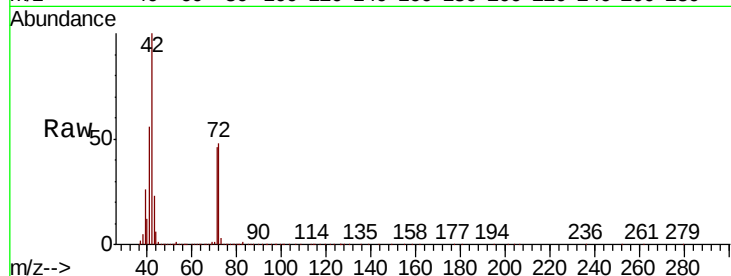
Tot Ion: 42 Resp: 651868

Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

71 44.3 36.2 54.4



#30

Chloroform

Concen: 50.698 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006779.D

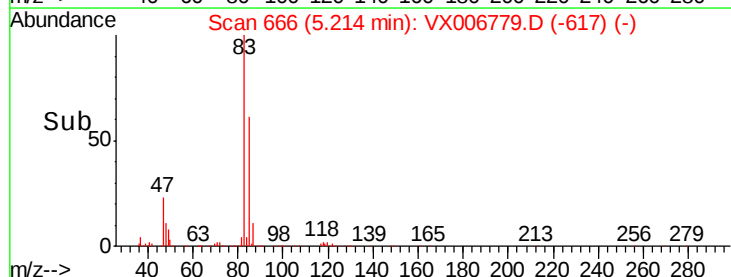
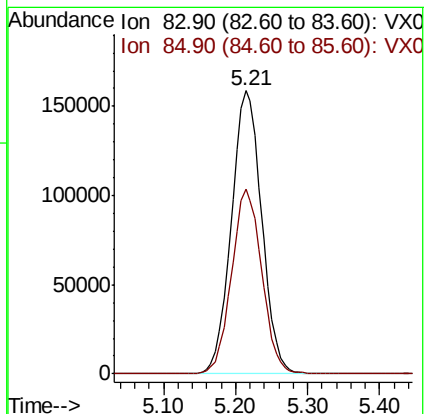
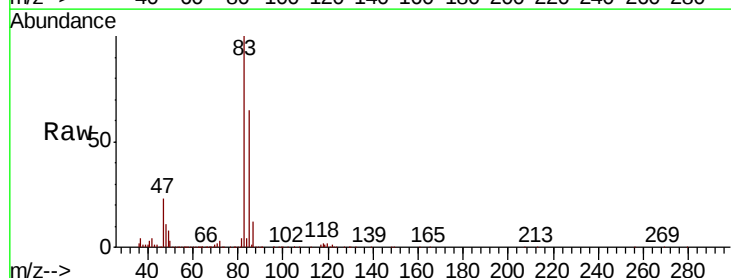
Acq: 22 Dec 2018 18:23

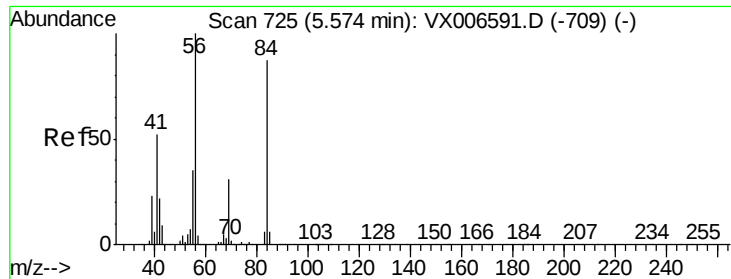
Tgt Ion: 83 Resp: 464835

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8





#31

Cyclohexane

Concen: 47.503 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

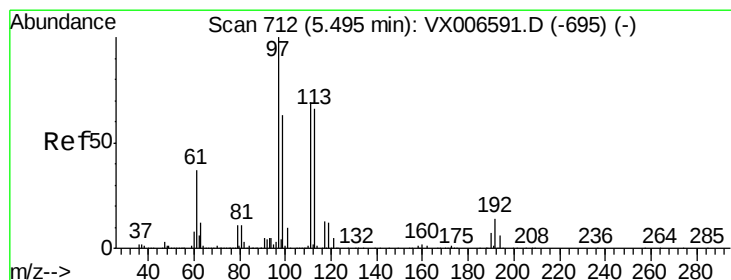
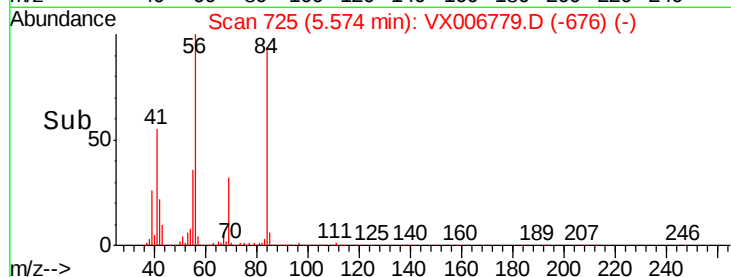
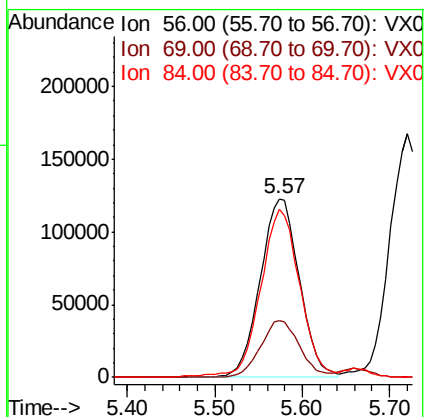
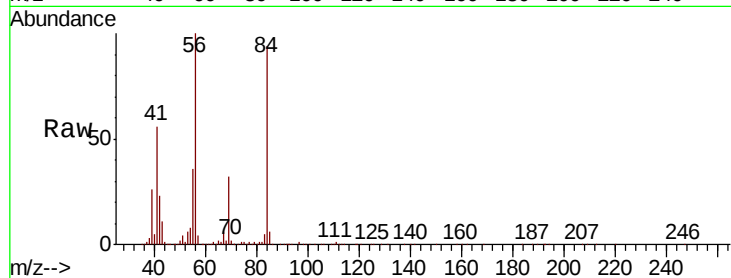
Tot Ion: 56 Resp: 382094

Ion Ratio Lower Upper

56 100

69 31.8 24.4 36.6

84 93.7 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 49.938 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

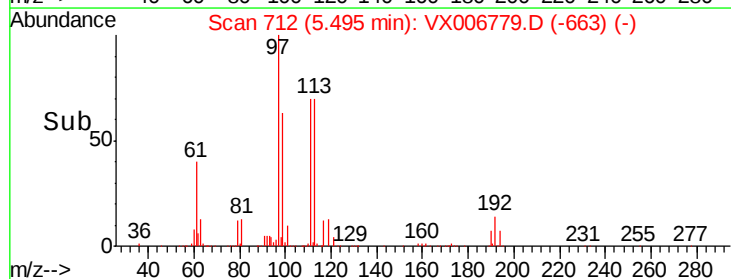
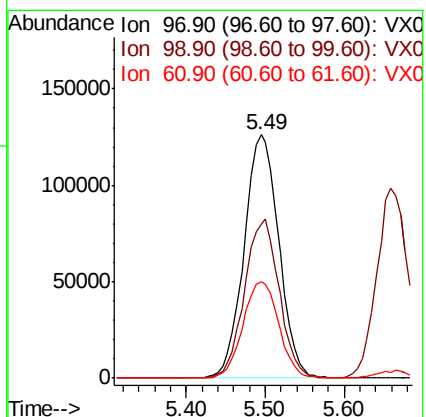
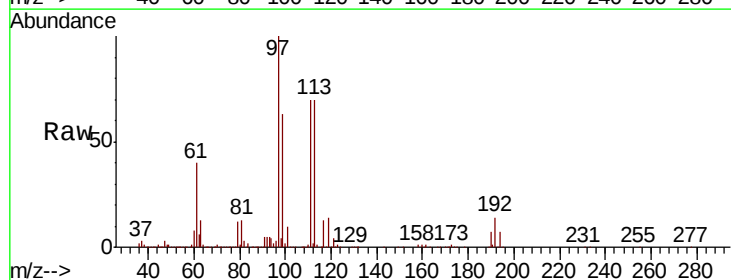
Tgt Ion: 97 Resp: 386619

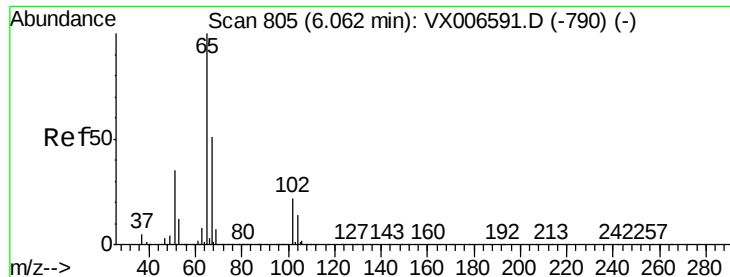
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 40.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.397 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

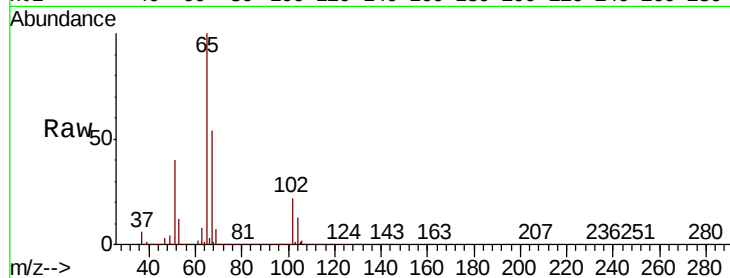
ClientSampleId :

Tot Ion: 65 Resp: 292808

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

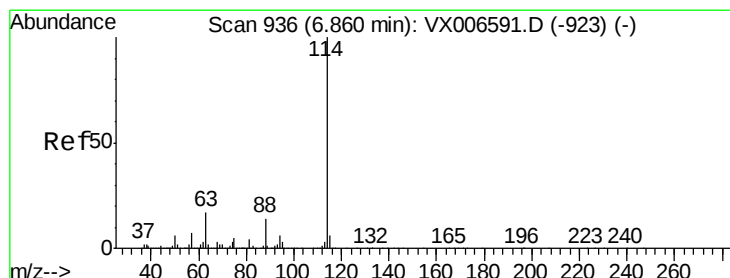
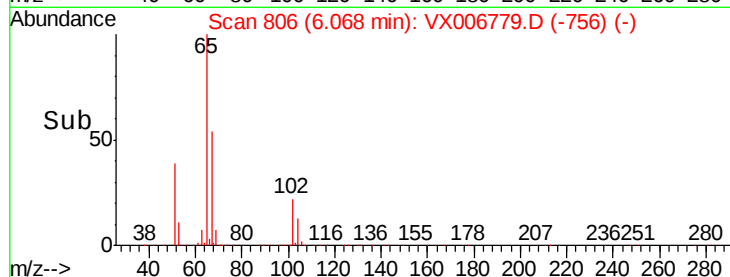
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

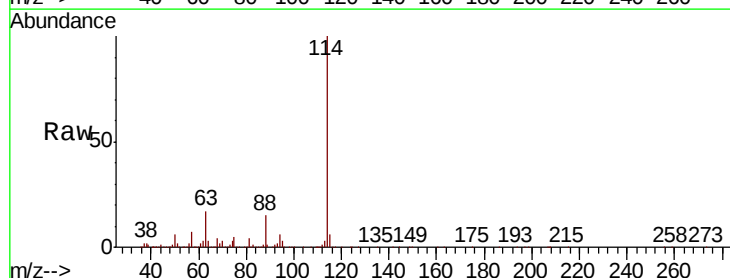
Tgt Ion: 114 Resp: 839155

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.8

88 14.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

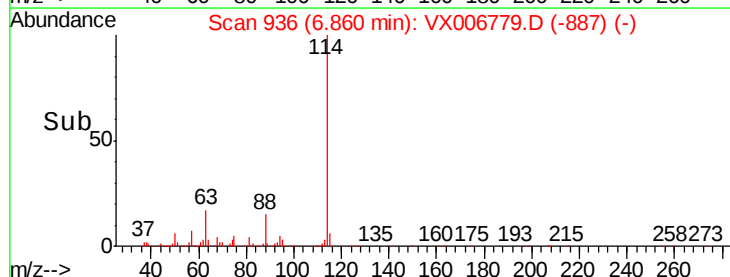
300000

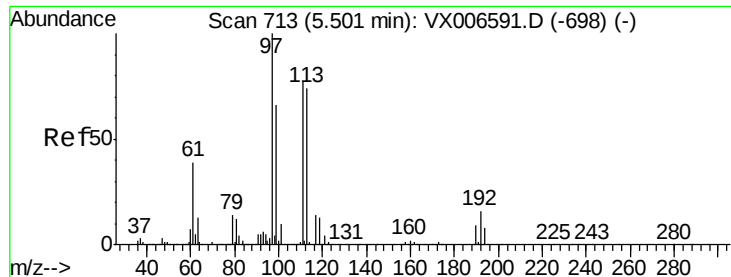
200000

100000

0

Time-->

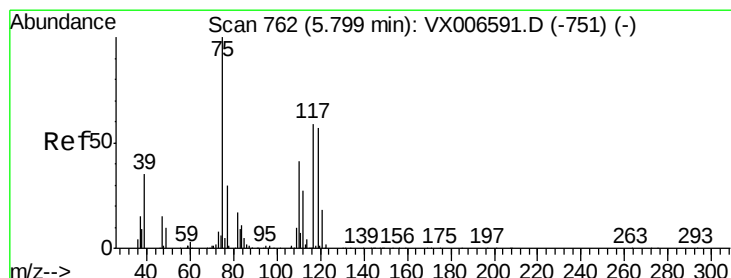
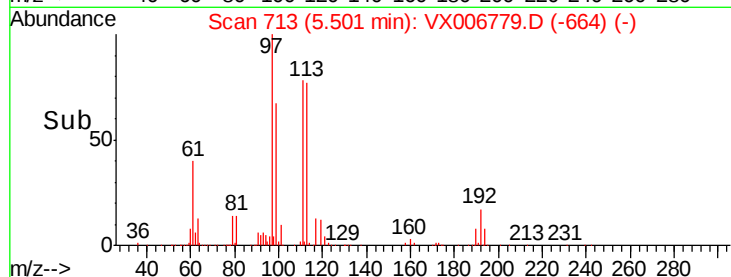
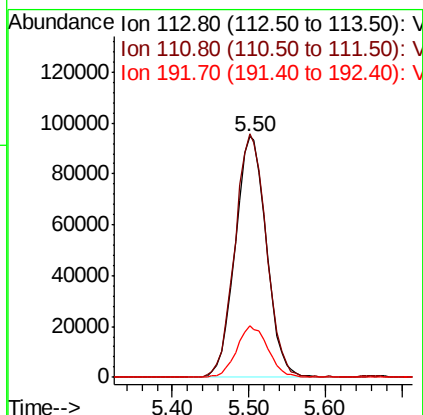
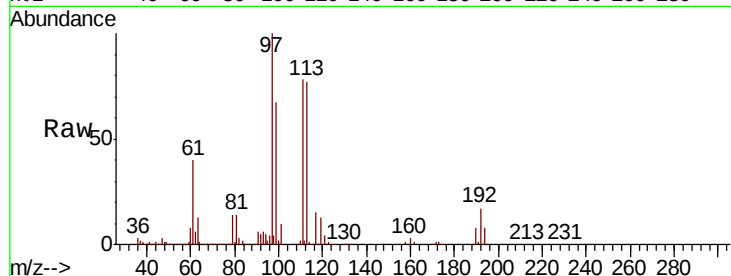




#35
 Dibromofluoromethane
 Concen: 50.331 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

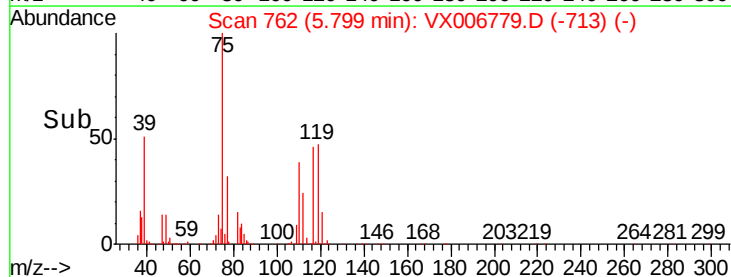
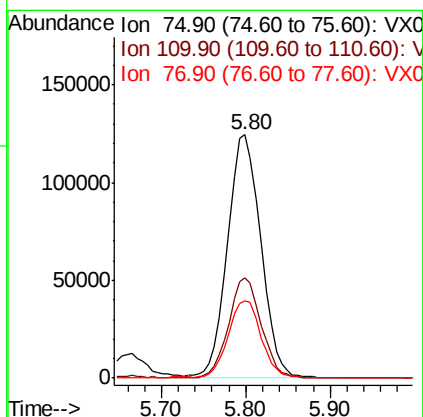
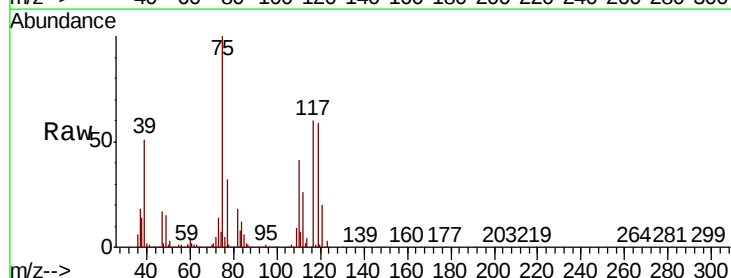
Instrument :
 MSVOA_X
 ClientSampleId :

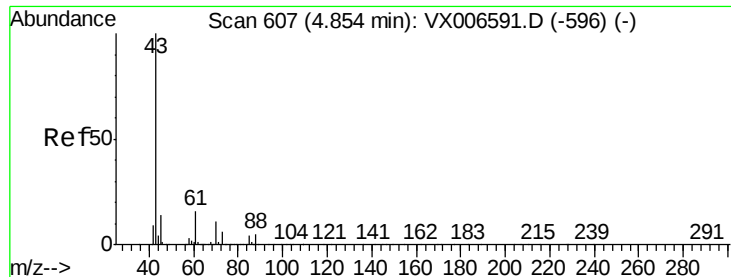
Tot Ion:113 Resp: 267089
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 21.5 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 48.022 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion: 75 Resp: 333757
 Ion Ratio Lower Upper
 75 100
 110 40.3 20.2 60.5
 77 31.3 24.8 37.2

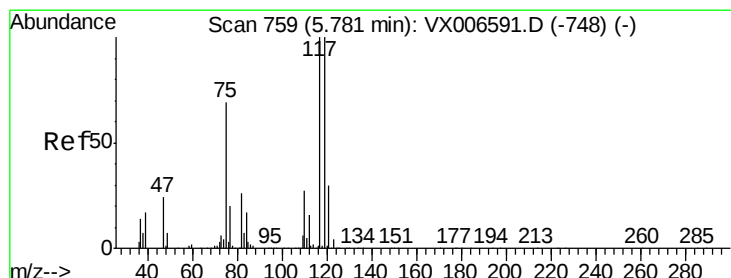
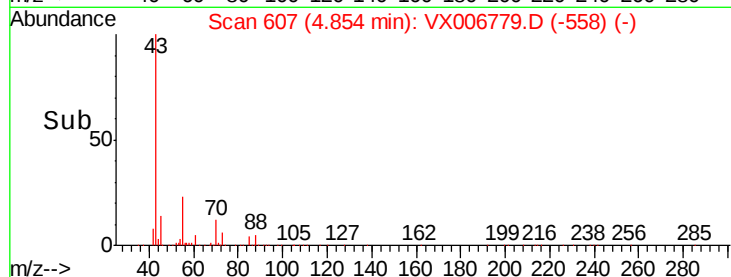
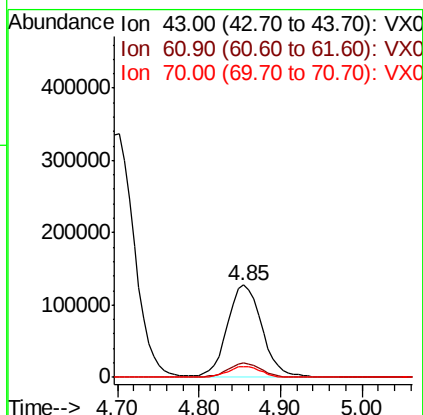
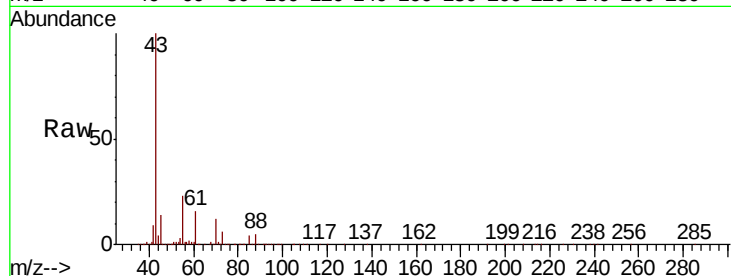




#37
Ethyl Acetate
Concen: 51.402 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

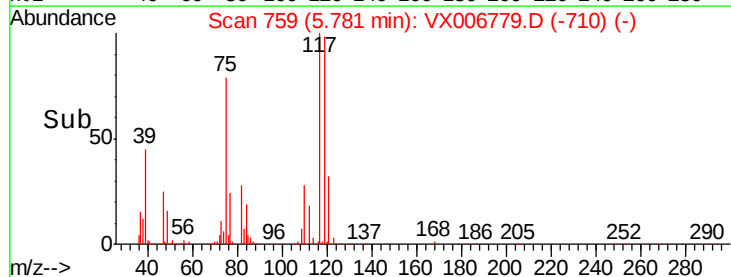
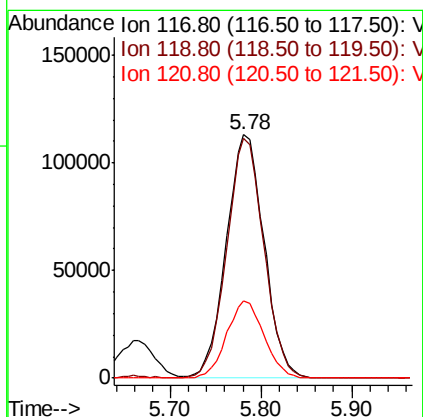
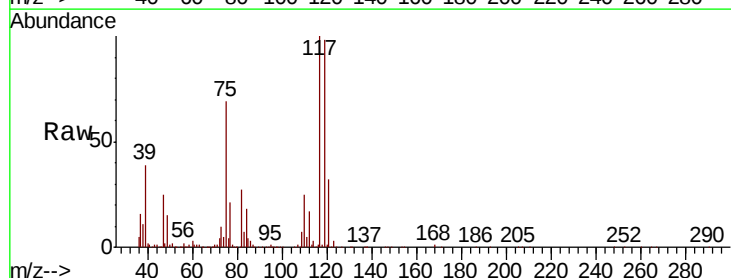
Instrument :
MSVOA_X
ClientSampleId :

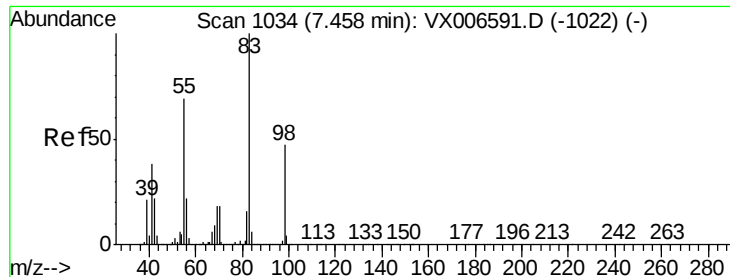
Tot Ion: 43 Resp: 371835
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.291 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 117 Resp: 326179
Ion Ratio Lower Upper
117 100
119 98.2 79.4 119.2
121 31.6 24.0 36.0

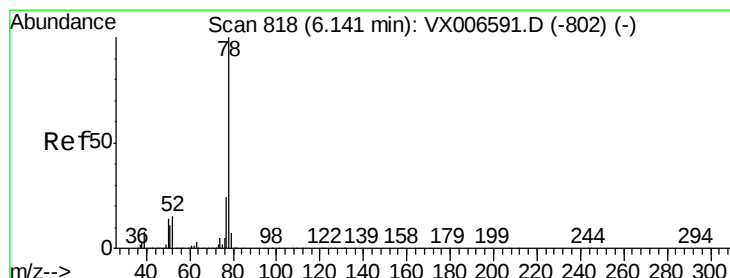
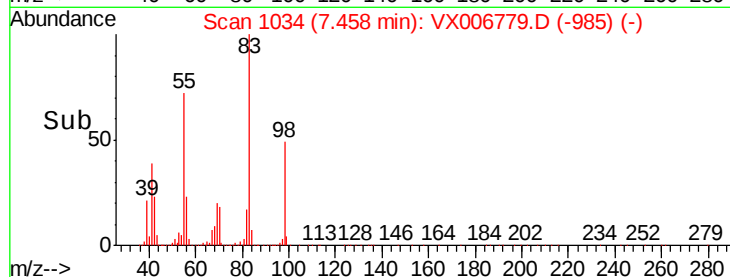
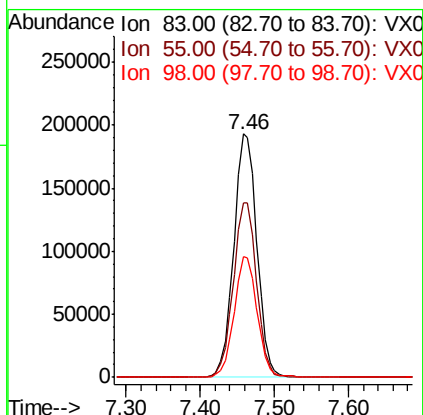
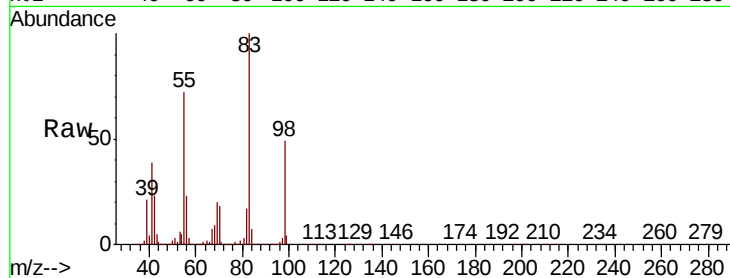




#39
Methvlcvclohexane
Concen: 46.092 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

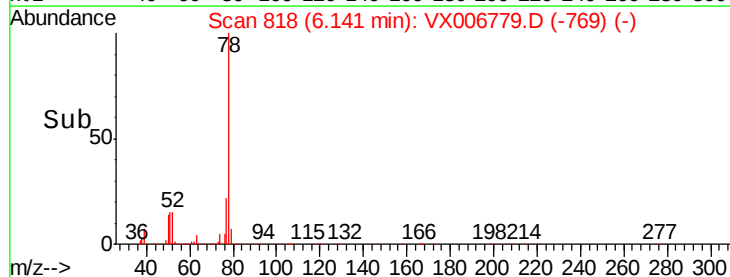
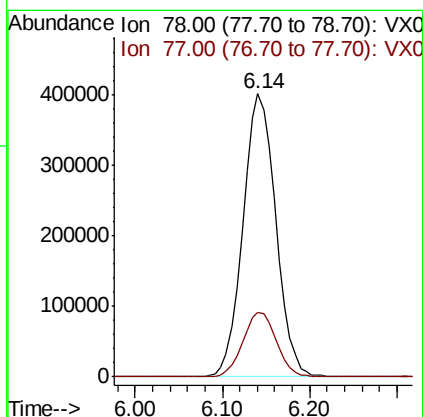
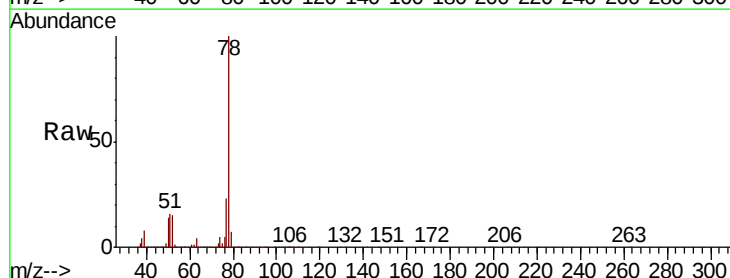
Instrument :
MSVOA_X
ClientSampleId :

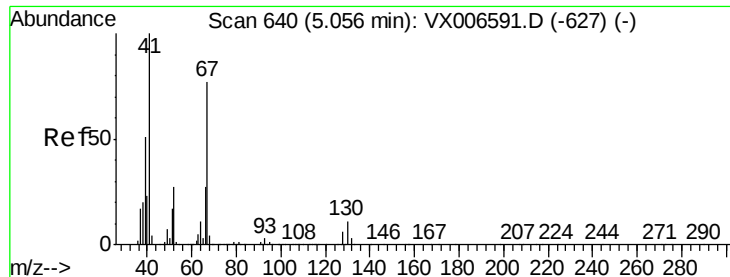
Tot Ion: 83 Resp: 421747
Ion Ratio Lower Upper
83 100
55 71.7 54.9 82.3
98 49.4 37.9 56.9



#40
Benzene
Concen: 49.423 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 78 Resp: 1044118
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8





#41

Methacrylonitrile

Concen: 53.092 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 203904

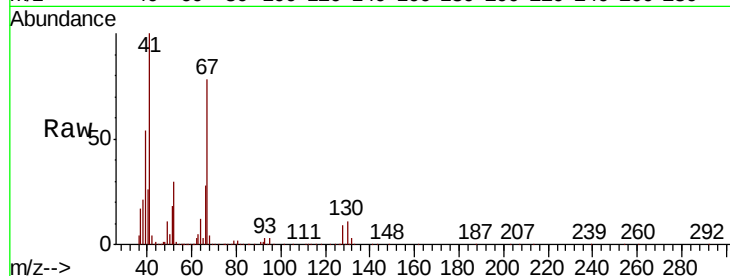
Ion Ratio Lower Upper

41 100

39 55.5 42.8 64.2

67 78.6 62.1 93.1

52 29.8 23.4 35.0

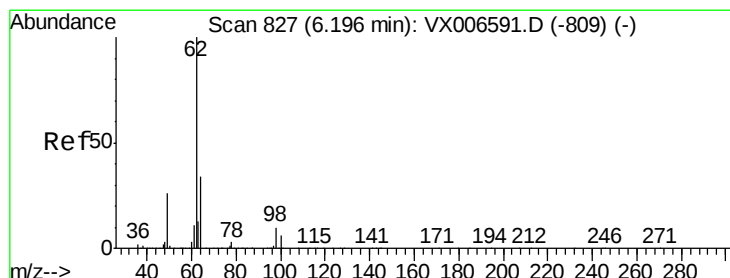
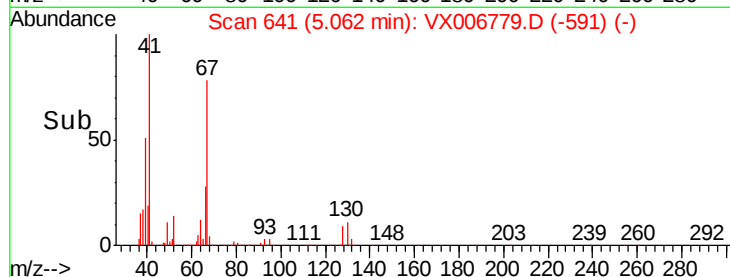
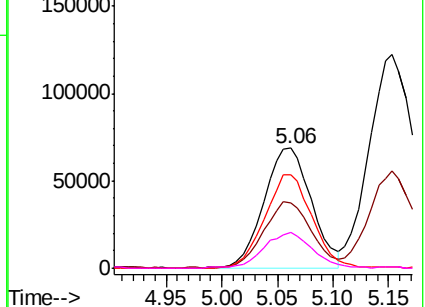


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.902 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006779.D

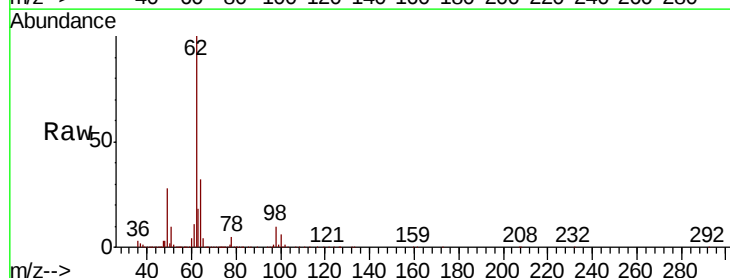
Acq: 22 Dec 2018 18:23

Tgt Ion: 62 Resp: 352041

Ion Ratio Lower Upper

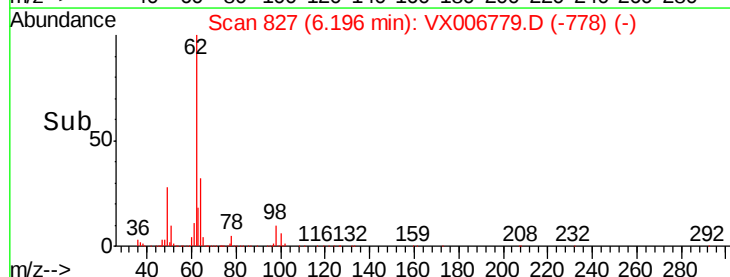
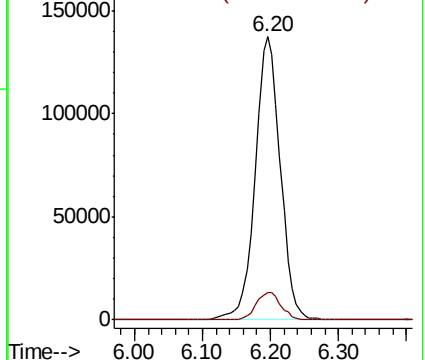
62 100

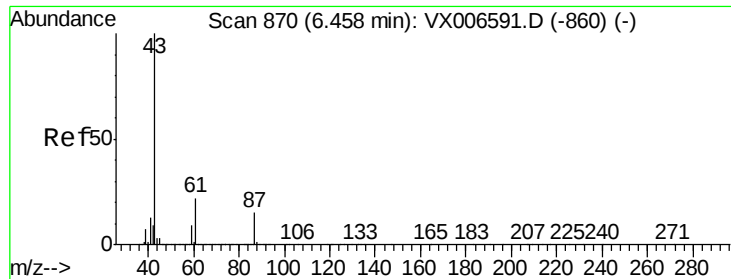
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



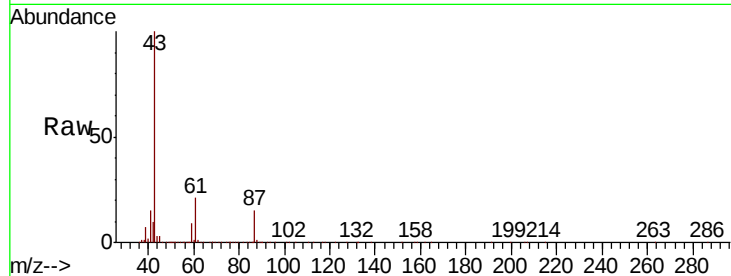


#43

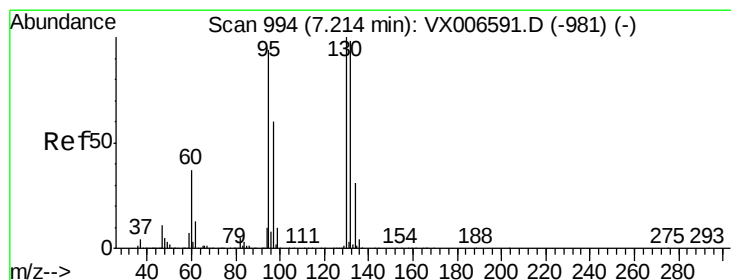
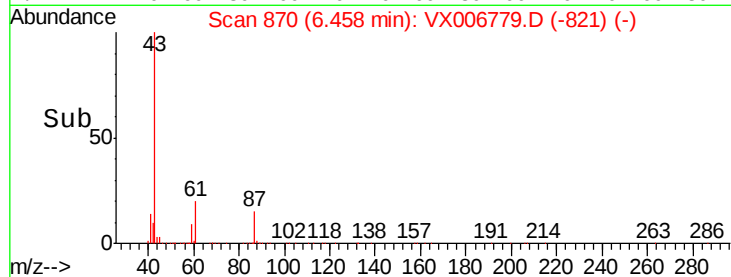
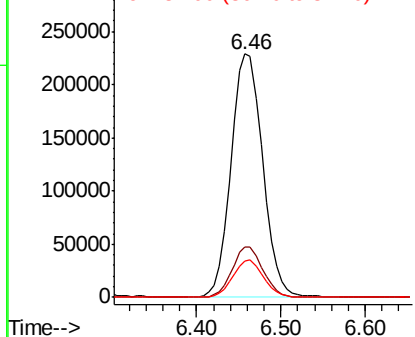
Isopropyl Acetate
 Concen: 52.670 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 579722
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.8 25.2
 87 14.9 12.4 18.6



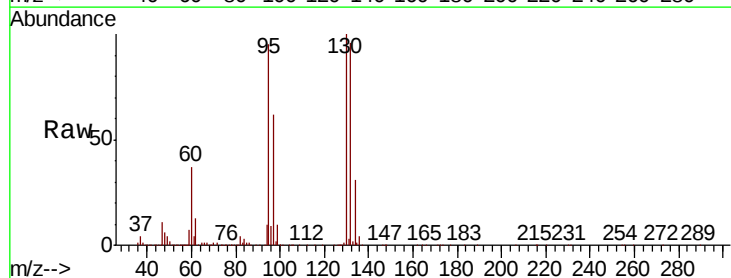
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



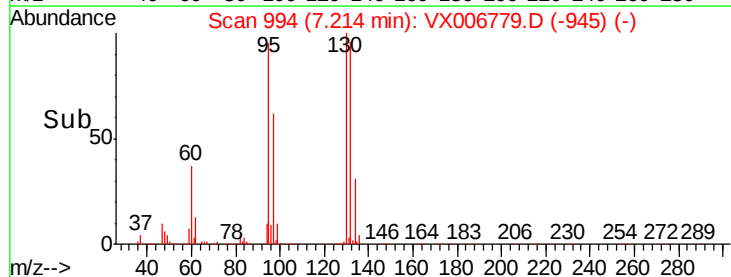
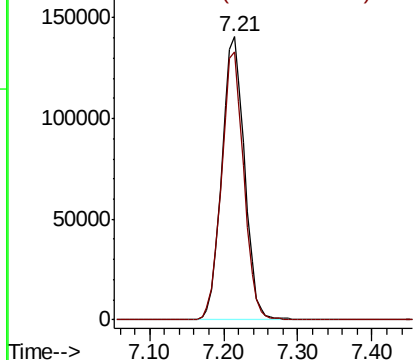
#44

Trichloroethene
 Concen: 46.770 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion: 130 Resp: 299056
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 187.0



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





#45

1,2-Dichloropropane

Concen: 50.847 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

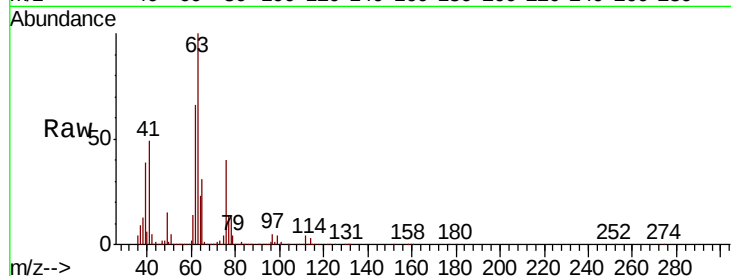
ClientSampled :

Tot Ion: 63 Resp: 261404

Ion Ratio Lower Upper

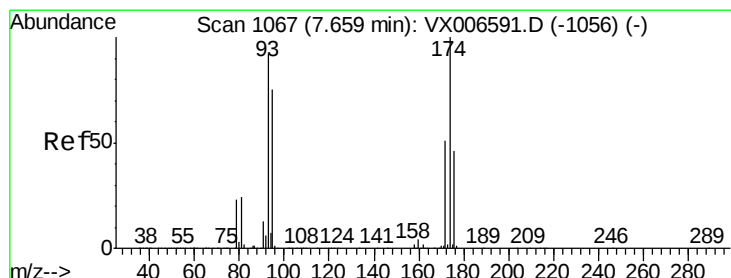
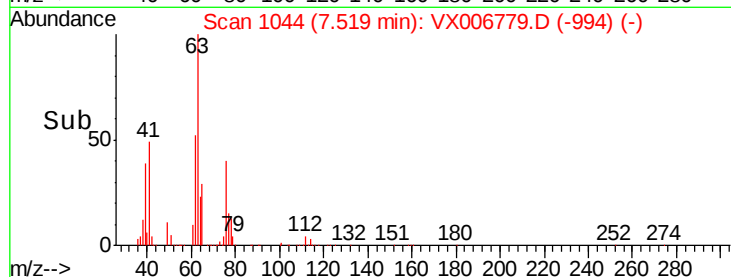
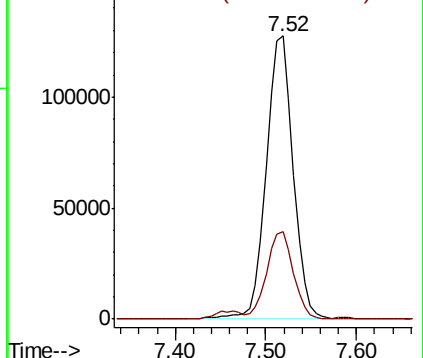
63 100

65 30.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.027 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

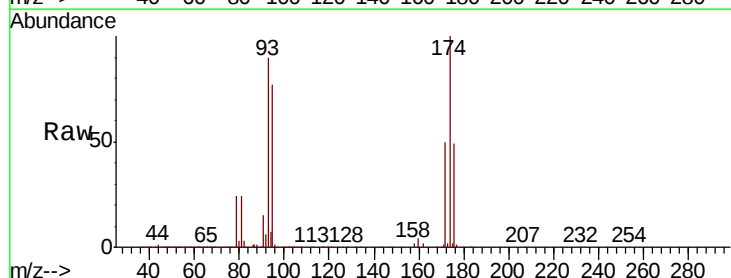
Tgt Ion: 93 Resp: 185396

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

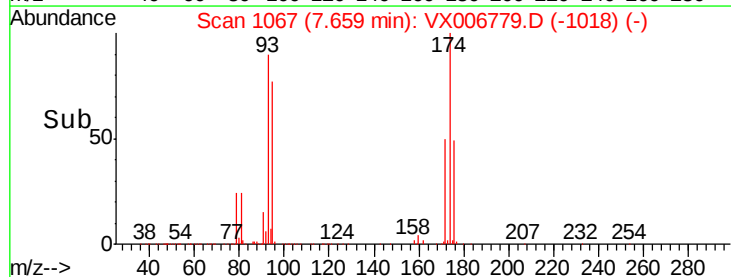
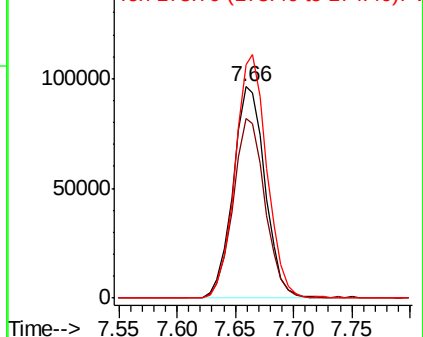
174 114.0 91.0 136.4

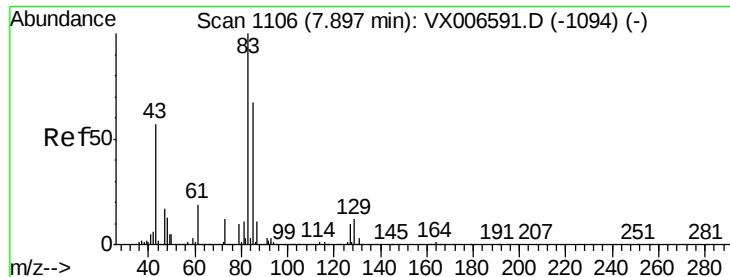


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.784 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

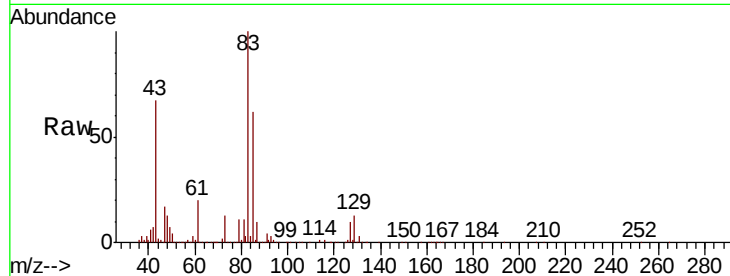
Tot Ion: 83 Resp: 318828

Ion Ratio Lower Upper

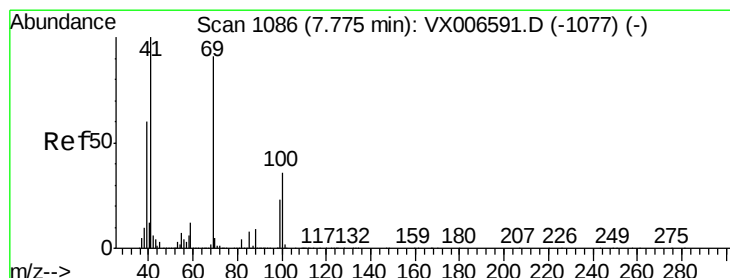
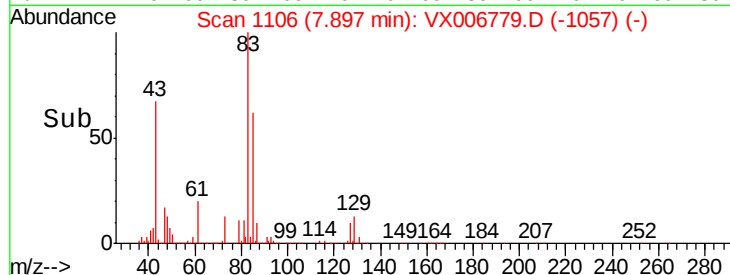
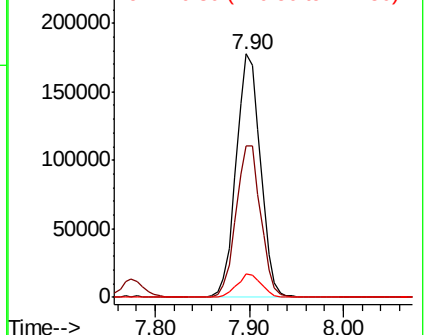
83 100

85 62.3 53.2 79.8

127 9.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.036 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

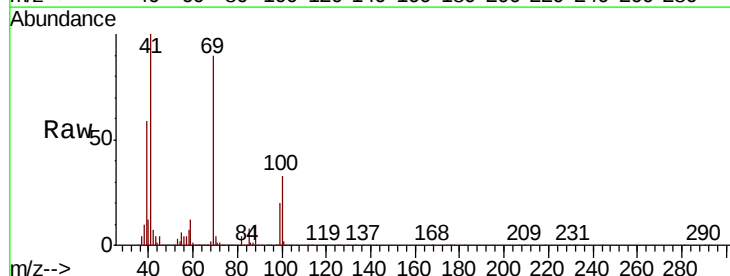
Tgt Ion: 41 Resp: 302451

Ion Ratio Lower Upper

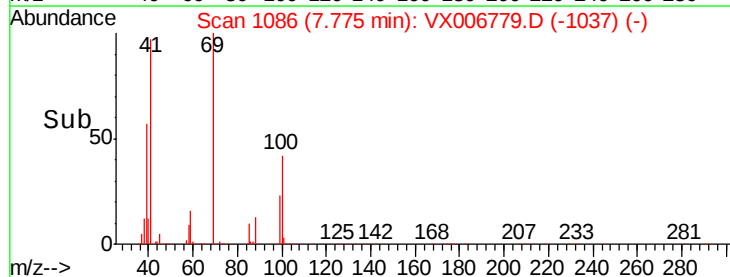
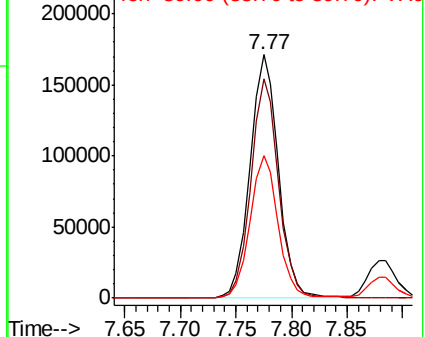
41 100

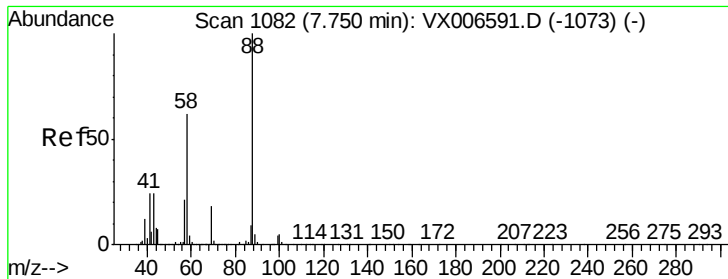
69 88.2 72.4 108.6

39 58.0 45.8 68.8



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

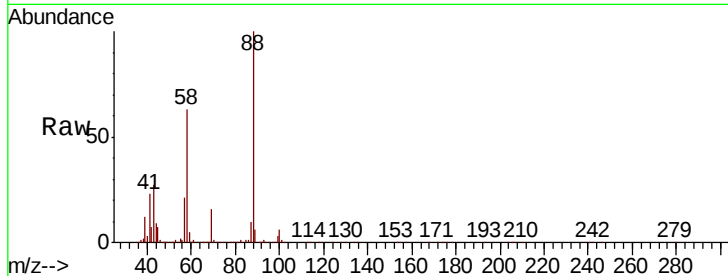




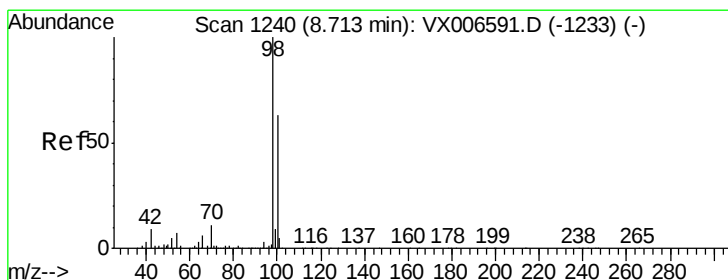
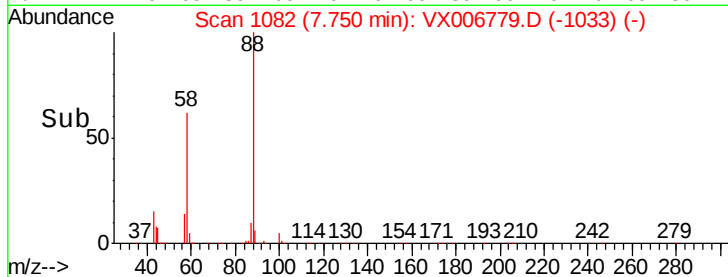
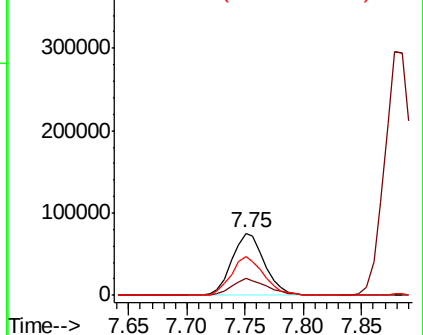
#49
1,4-Dioxane
Concen: 996.411 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	145932
Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.2	33.4
58	63.9	51.0	76.4

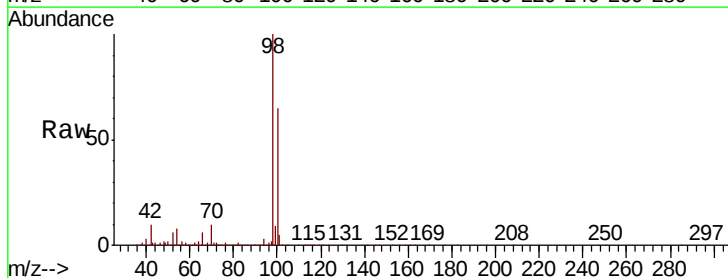


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

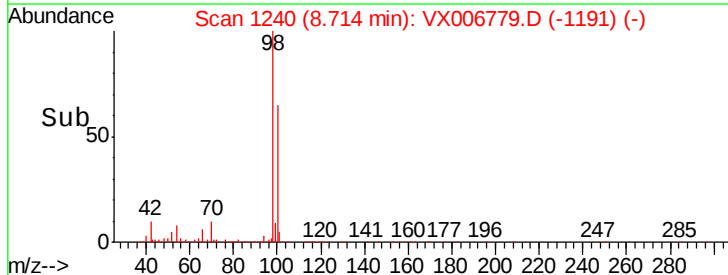
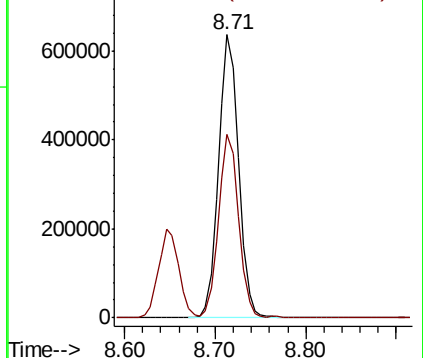


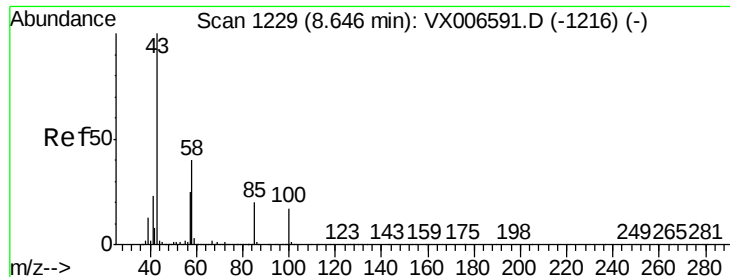
#50
Toluene-d8
Concen: 49.271 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion	98	Resp	985725
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 264.543 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

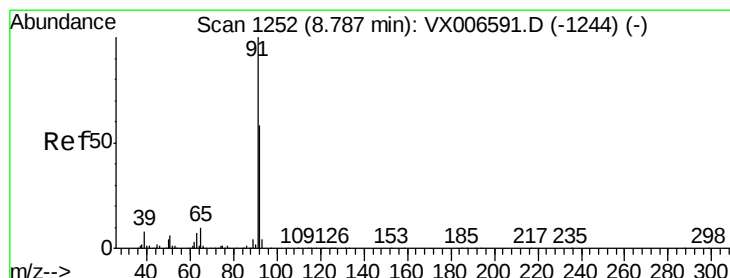
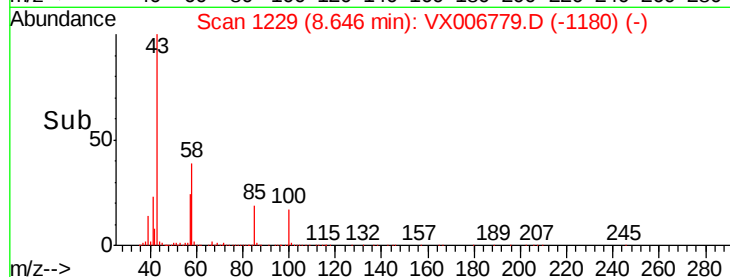
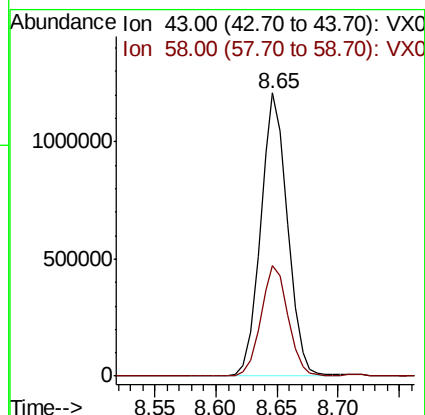
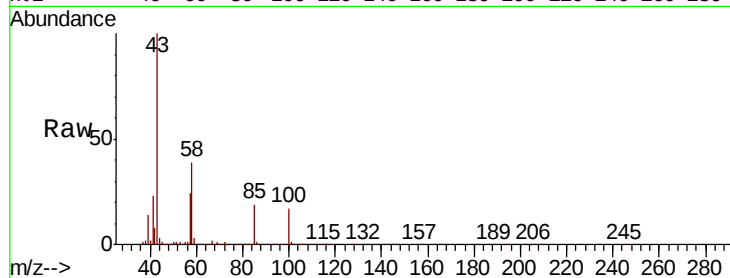
ClientSampleId :

Tot Ion: 43 Resp: 1852636

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6



#52

Toluene

Concen: 49.843 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006779.D

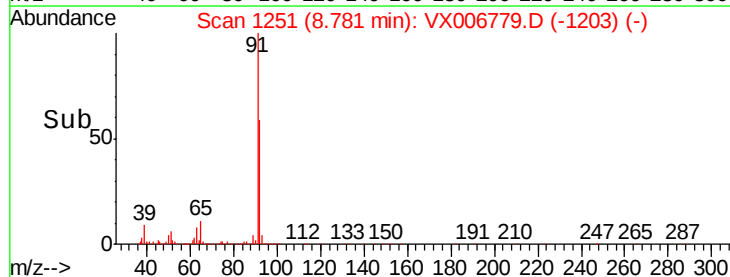
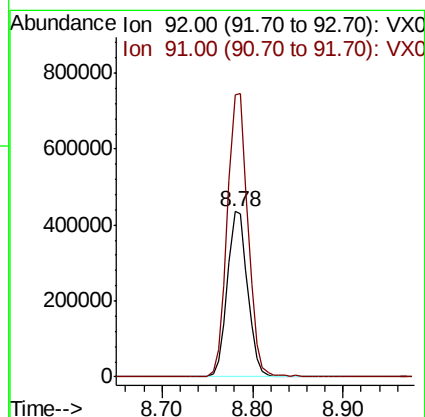
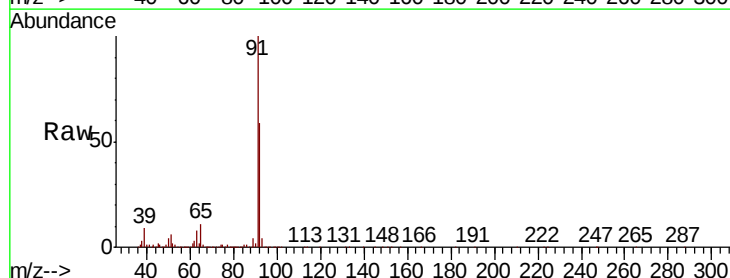
Acq: 22 Dec 2018 18:23

Tgt Ion: 92 Resp: 680277

Ion Ratio Lower Upper

92 100

91 173.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.722 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

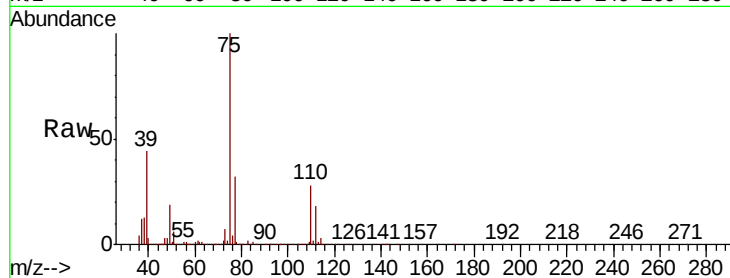
ClientSampled :

Tot Ion: 75 Resp: 341523

Ion Ratio Lower Upper

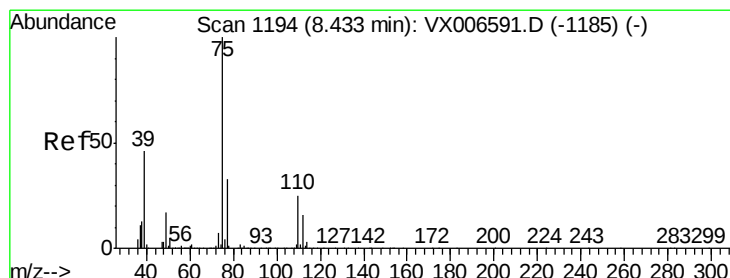
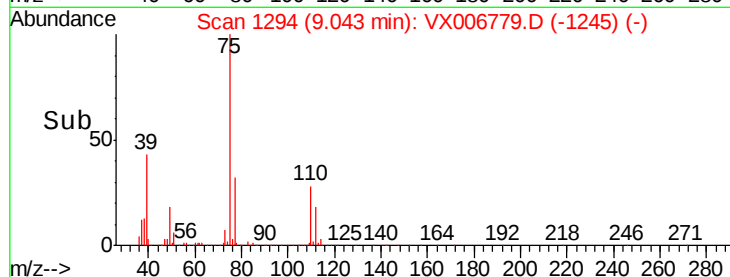
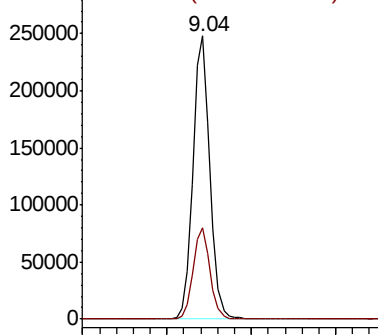
75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.971 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

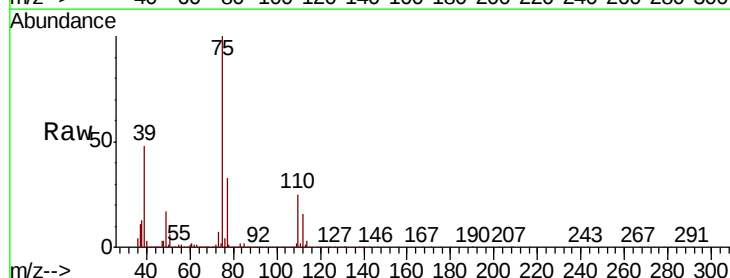
Tgt Ion: 75 Resp: 383966

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

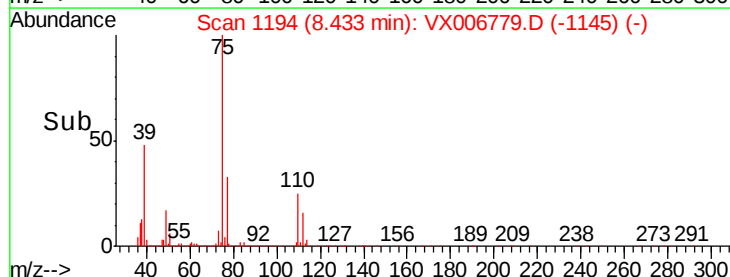
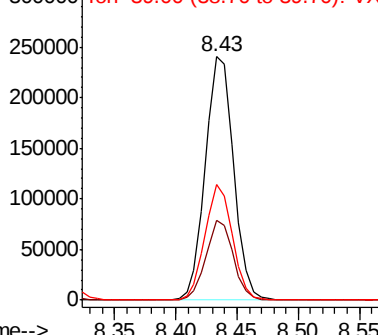
39 47.5 36.7 55.1

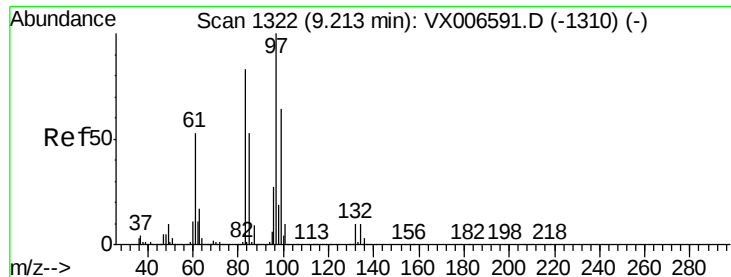


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.827 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 283945

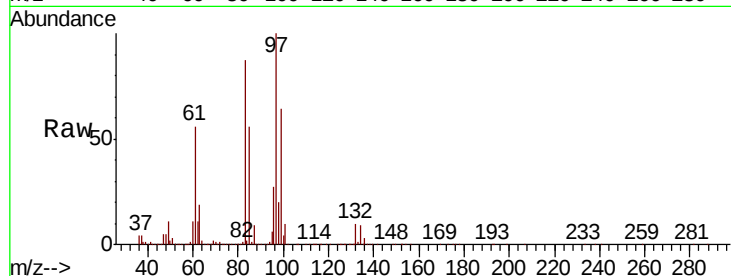
Ion Ratio Lower Upper

97 100

83 86.8 66.6 99.8

85 55.9 42.7 64.1

99 64.4 50.8 76.2

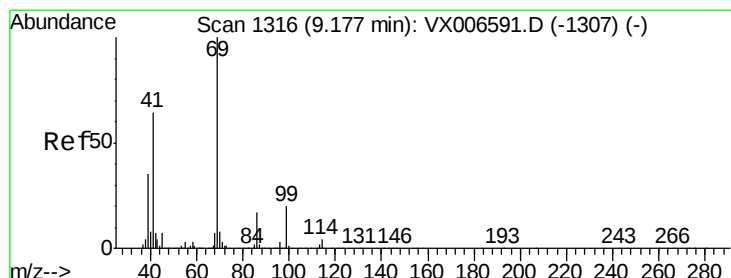
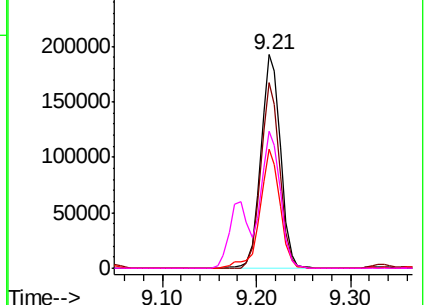
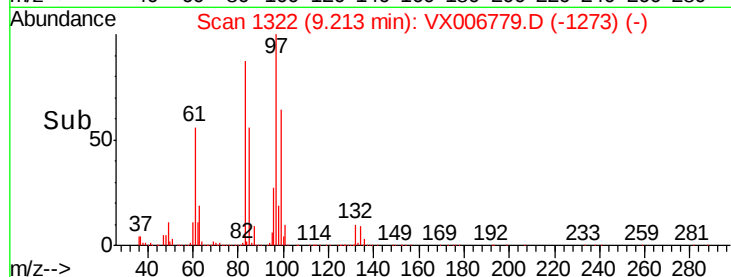


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.782 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

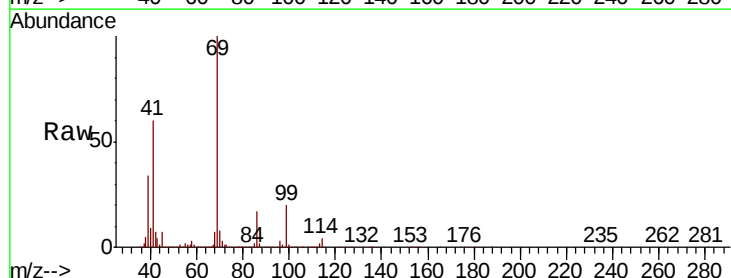
Tgt Ion: 69 Resp: 416760

Ion Ratio Lower Upper

69 100

41 62.2 48.7 73.1

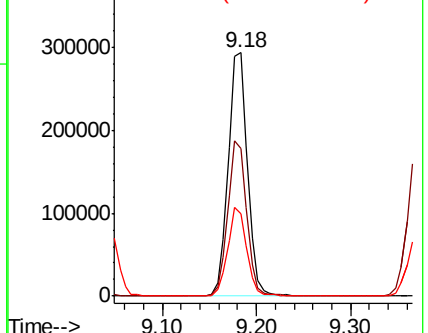
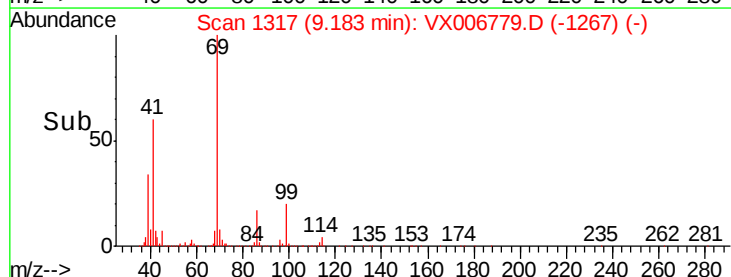
39 35.5 27.0 40.6

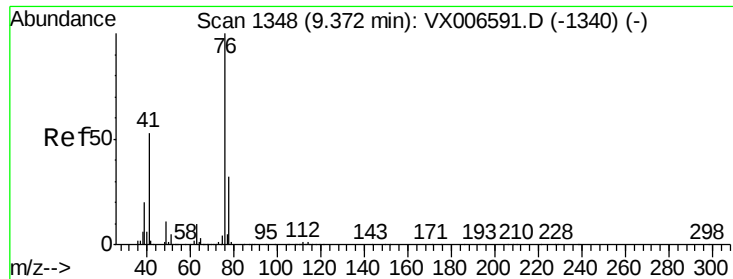


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

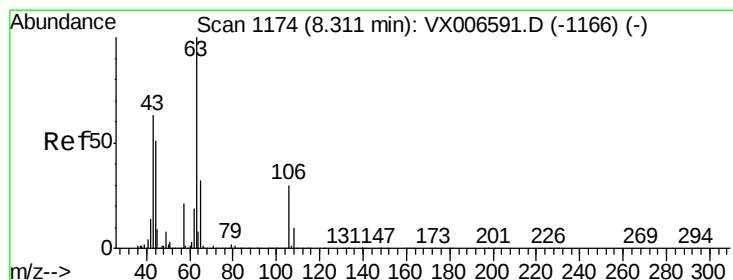
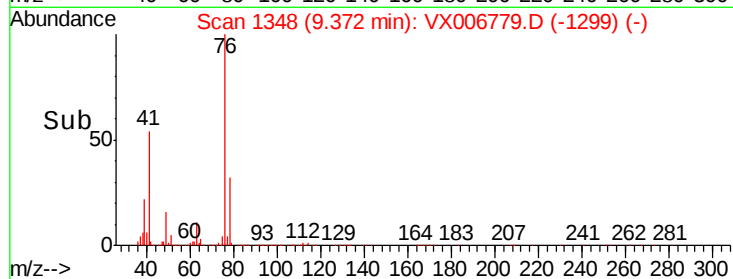
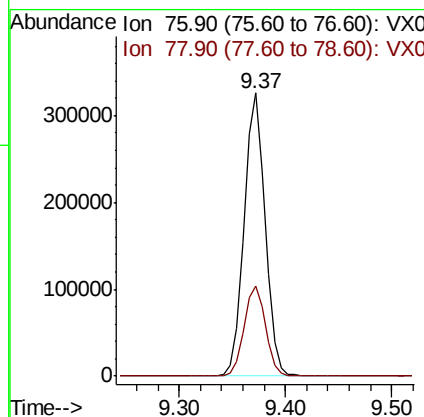
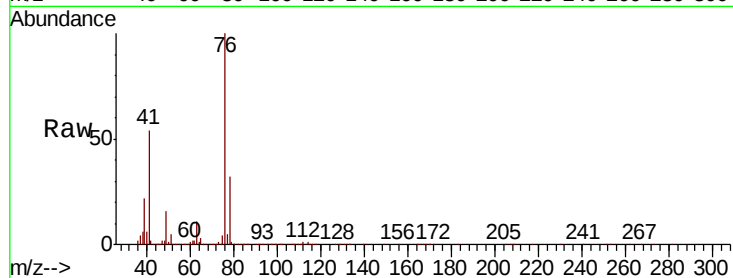




#57
 1,3-Dichloropropane
 Concen: 50.481 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

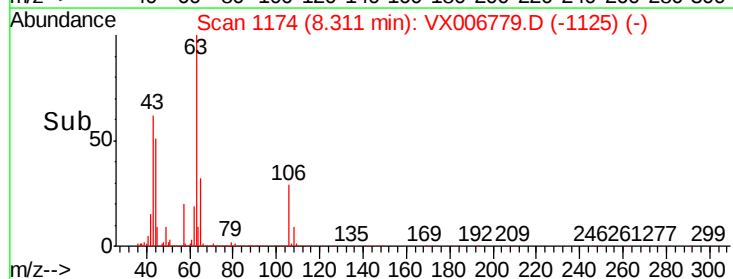
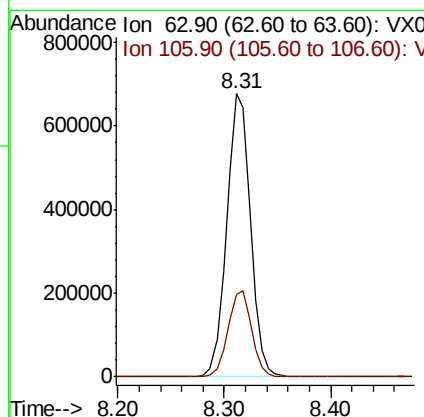
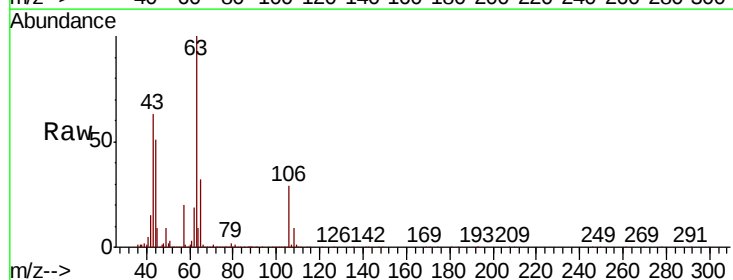
Instrument :
 MSVOA_X
 ClientSampleId :

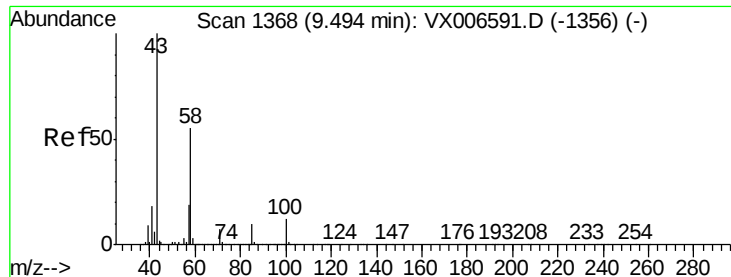
Tot Ion: 76 Resp: 453726
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.555 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion: 63 Resp: 1055817
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.6 36.8

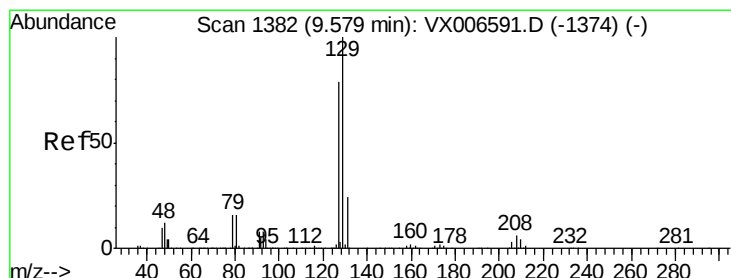
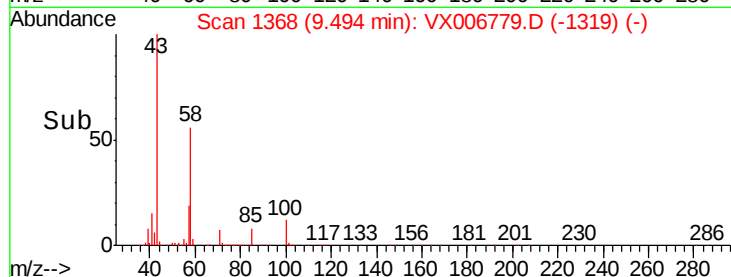
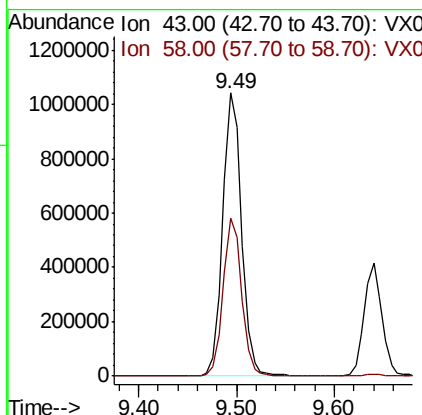
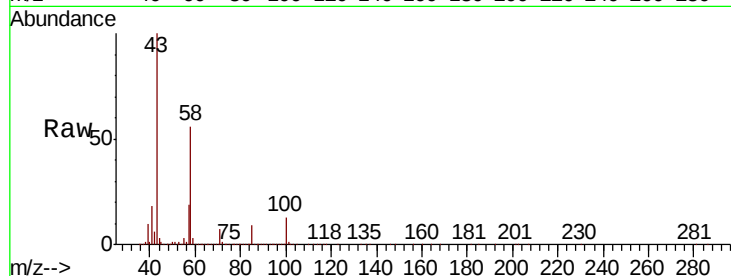




#59
2-Hexanone
Concen: 259.725 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

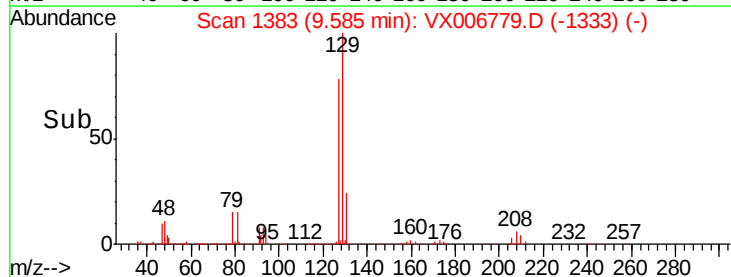
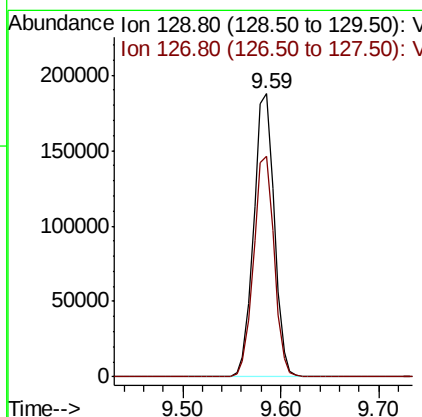
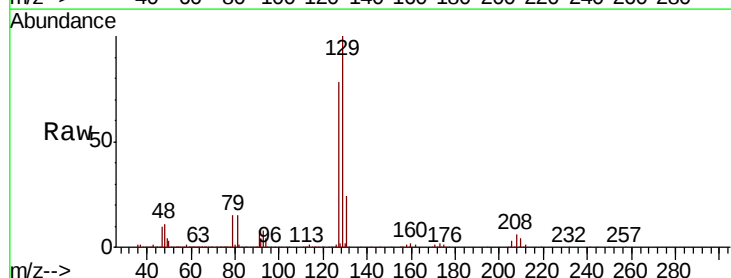
Instrument :
MSVOA_X
ClientSampleId :

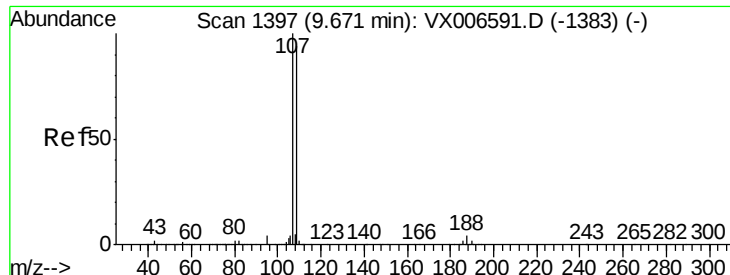
Tot Ion: 43 Resp: 1391669
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 47.197 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion:129 Resp: 274966
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.934 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

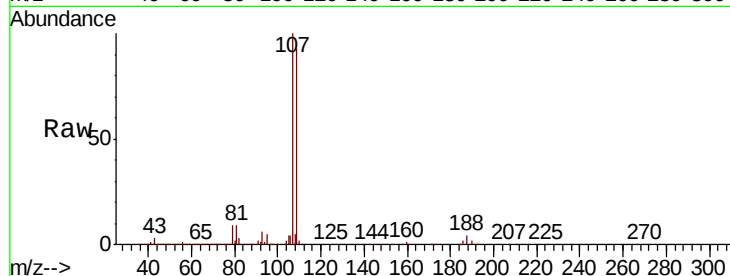
ClientSampleId :

Tot Ion: 107 Resp: 302476

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

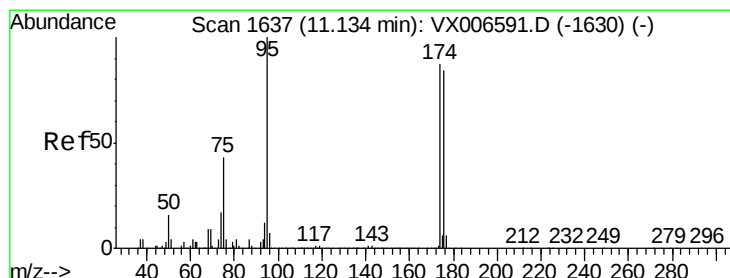
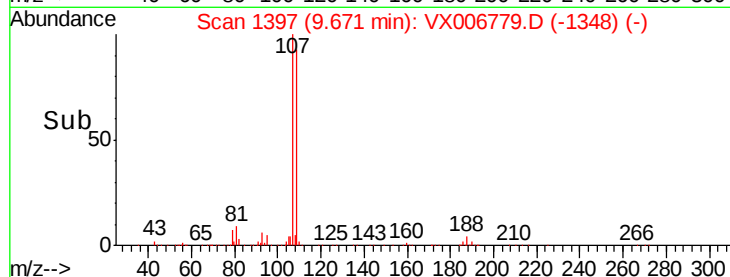
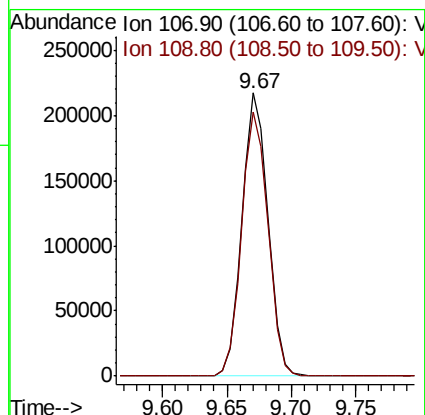
150000

100000

50000

0

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.936 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

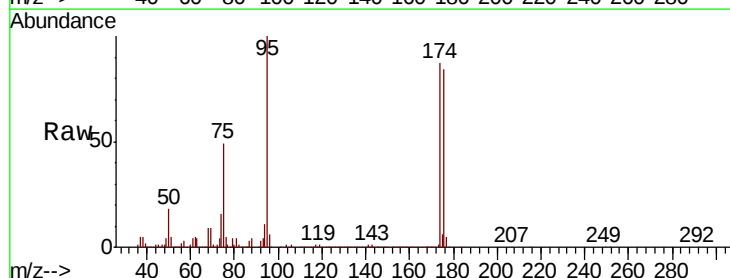
Tgt Ion: 95 Resp: 351233

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.2

176 89.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

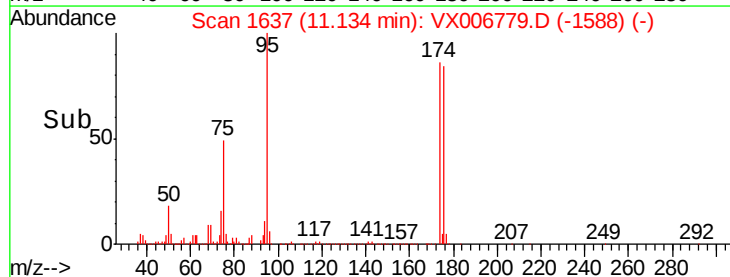
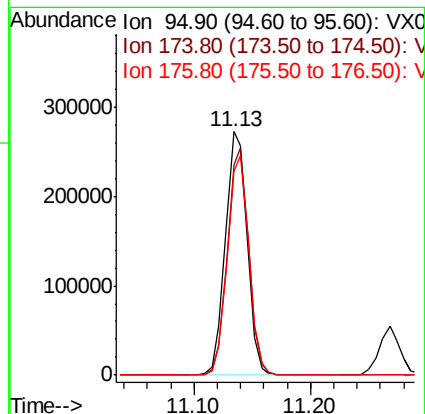
300000

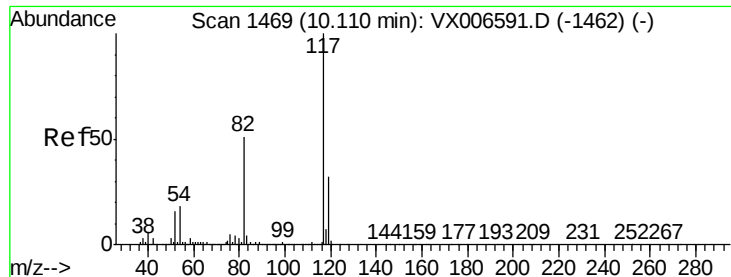
200000

100000

0

11.10 11.20

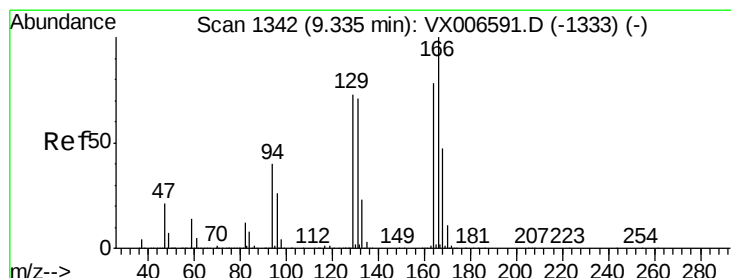
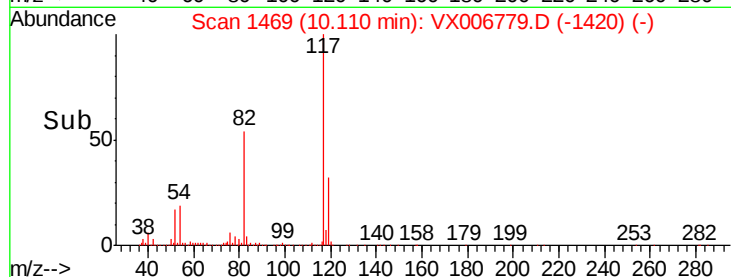
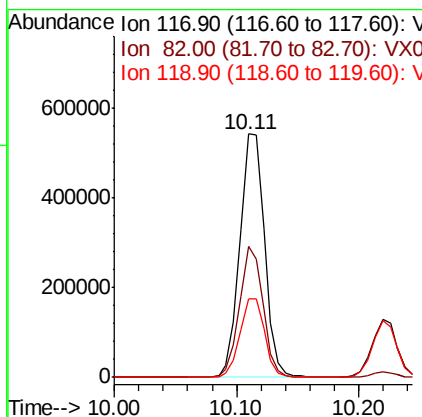
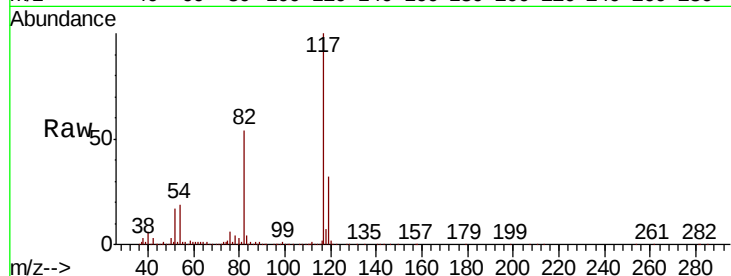




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

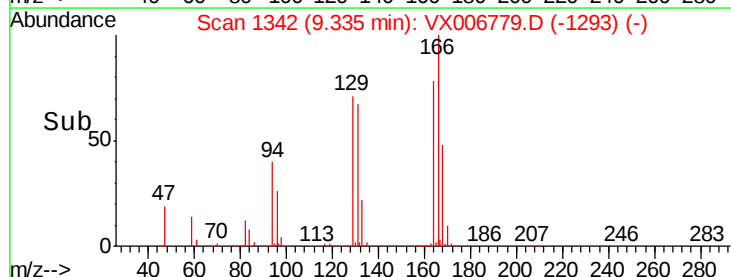
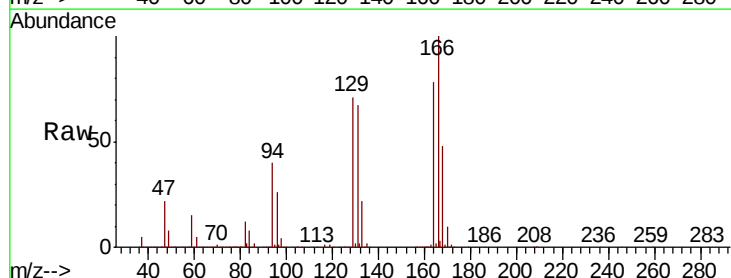
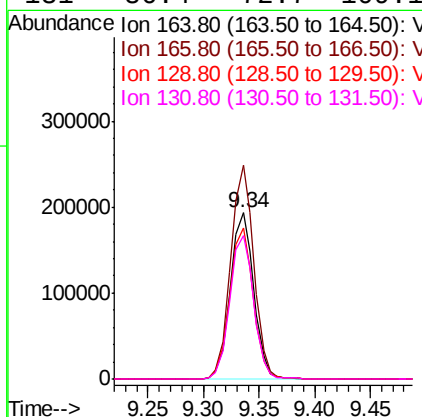
Instrument :
MSVOA_X
ClientSampleId :

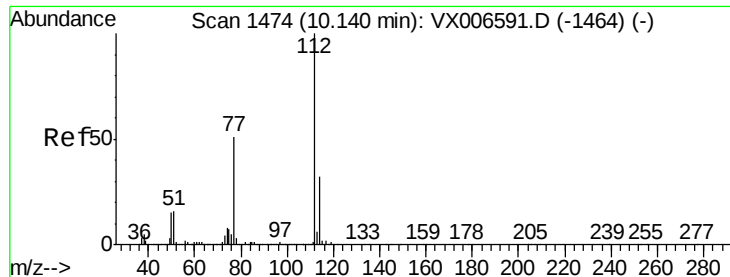
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.0	61.6
119	32.0	25.4	38.0



#64
Tetrachloroethene
Concen: 46.652 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.5	153.7
129	90.6	75.1	112.7
131	86.4	72.7	109.1





#65

Chlorobenzene

Concen: 48.797 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

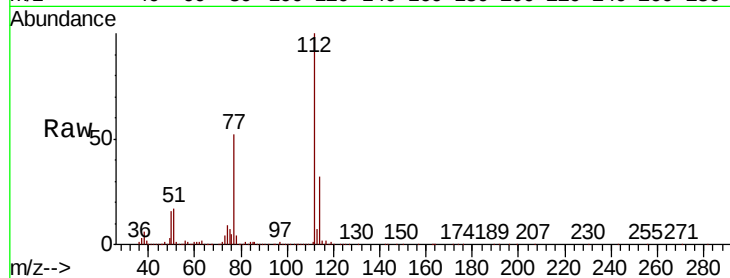
ClientSampleId :

Tot Ion:112 Resp: 784879

Ion Ratio Lower Upper

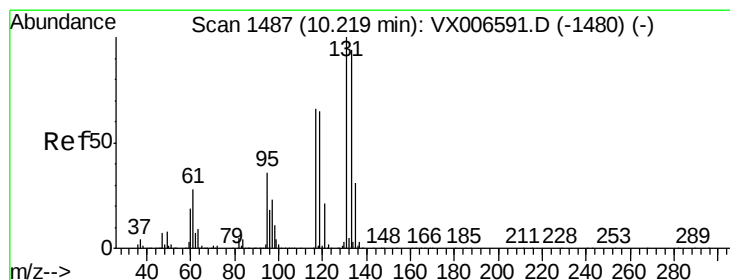
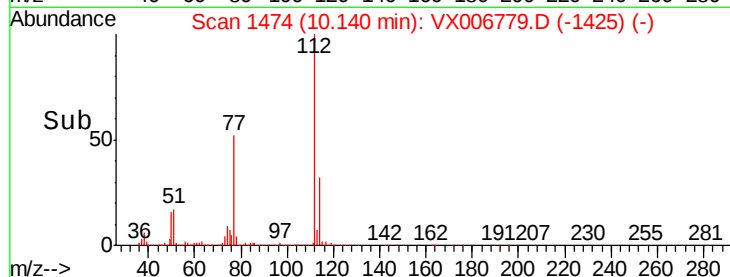
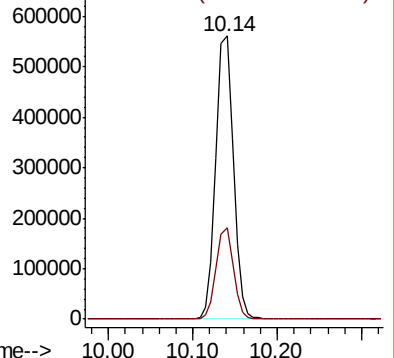
112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.004 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

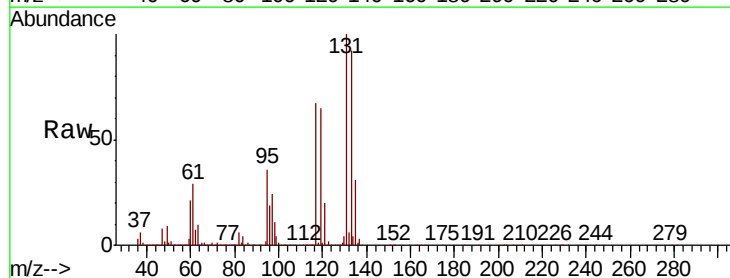
Tgt Ion:131 Resp: 271010

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

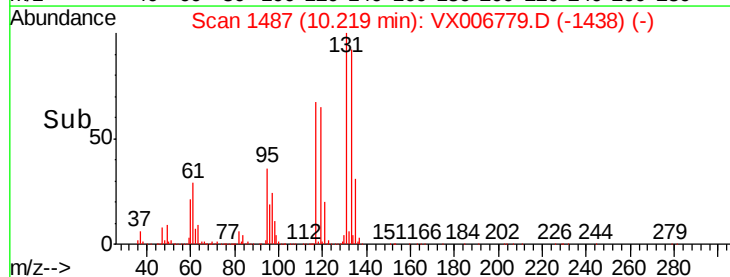
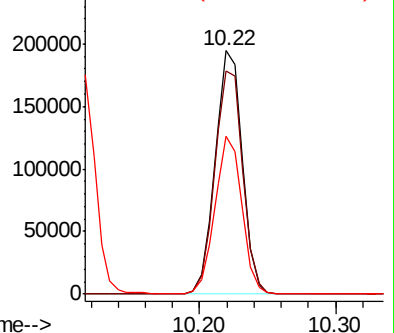
119 64.6 32.6 97.8

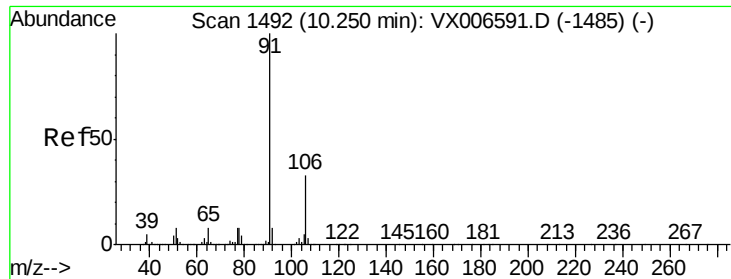


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.684 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

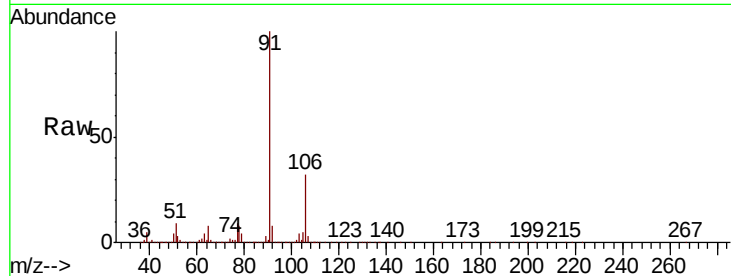
ClientSampleId :

Tot Ion: 91 Resp: 1305840

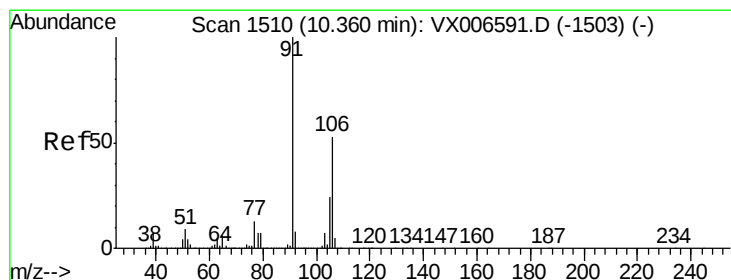
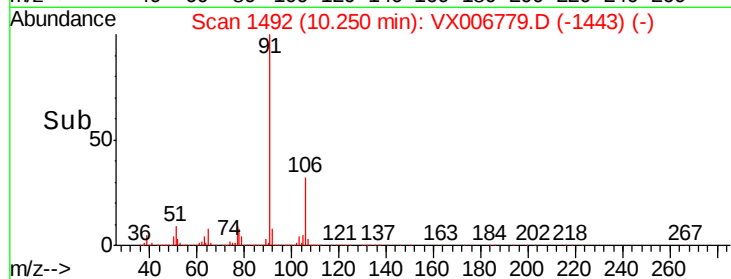
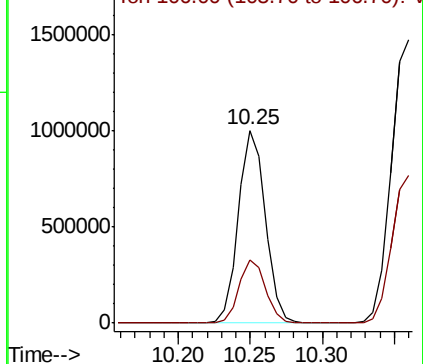
Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006779.D (-1443) (-)



#68

m/p-Xylenes

Concen: 99.065 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006779.D

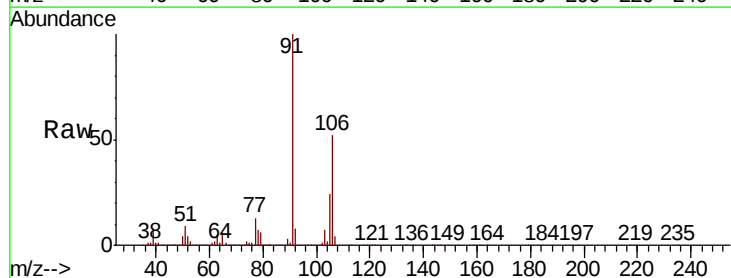
Acq: 22 Dec 2018 18:23

Tgt Ion: 106 Resp: 1027430

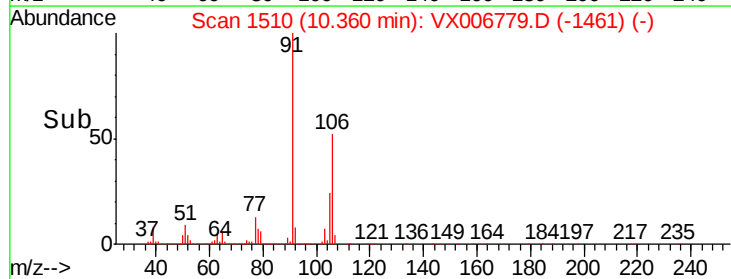
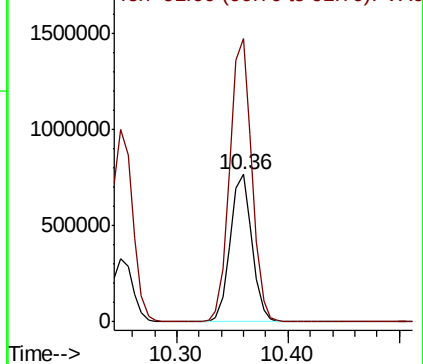
Ion Ratio Lower Upper

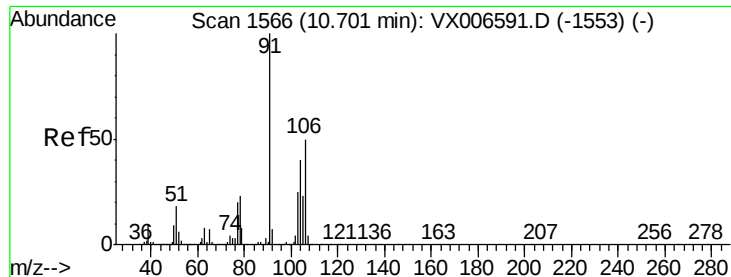
106 100

91 194.8 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006779.D (-1461) (-)

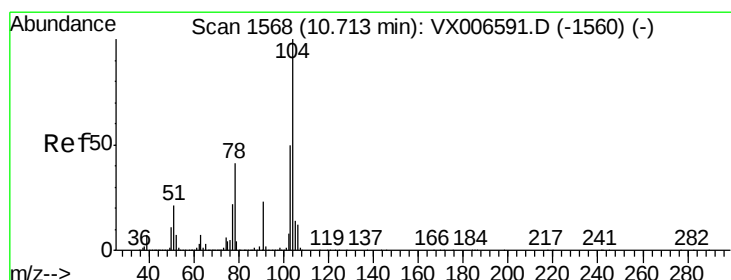
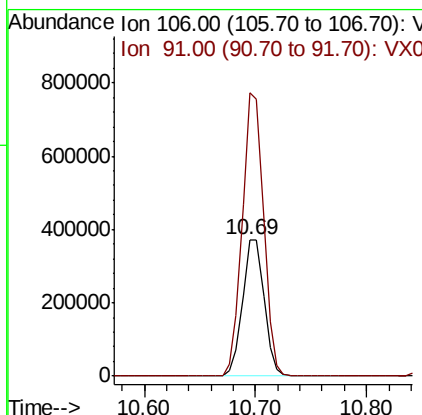
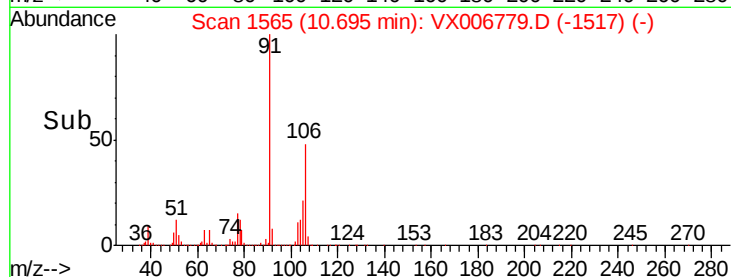
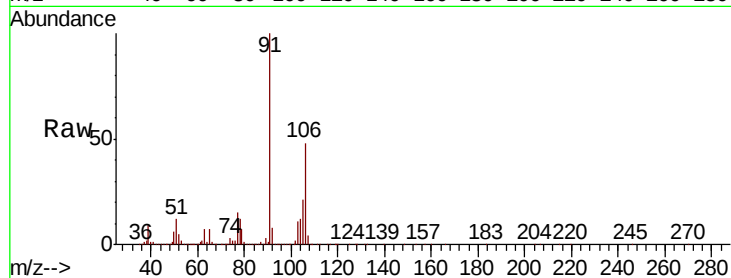




#69
o-Xylene
Concen: 49.250 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

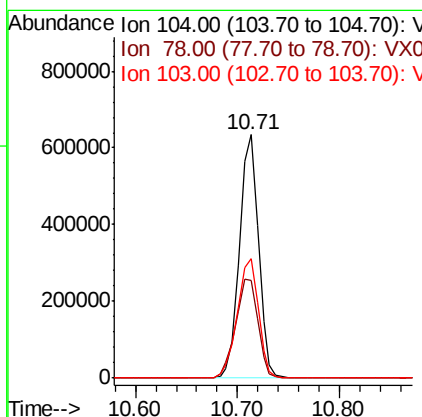
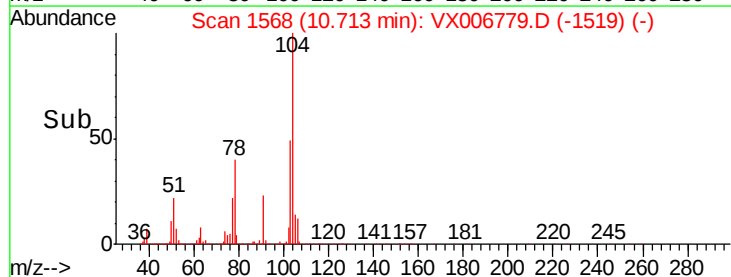
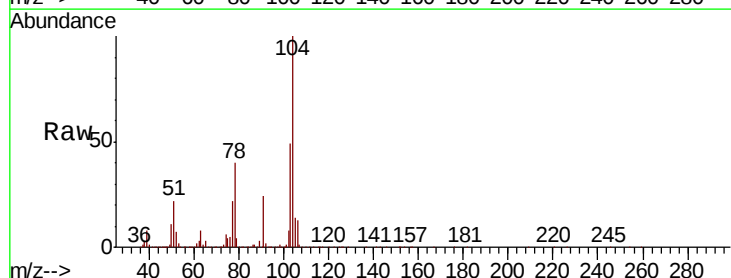
Instrument :
MSVOA_X
ClientSampleId :

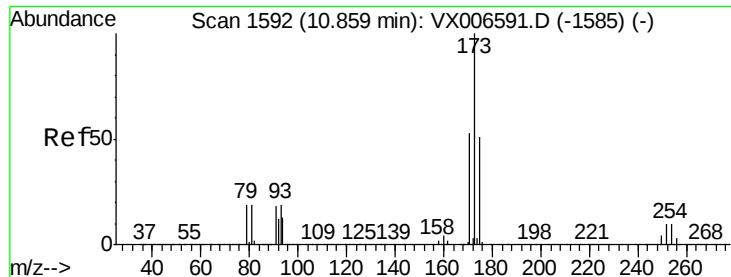
Tot Ion:106 Resp: 504383
Ion Ratio Lower Upper
106 100
91 204.5 101.3 303.7



#70
Styrene
Concen: 50.222 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion:104 Resp: 813727
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 54.9 43.8 65.8

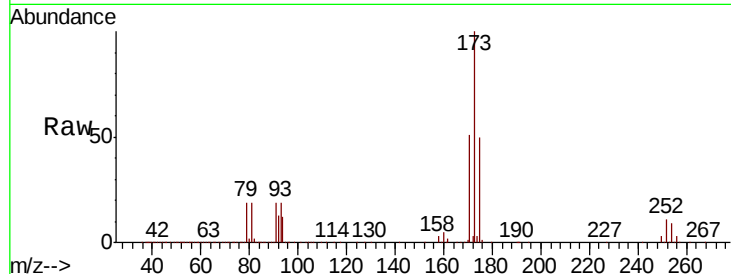




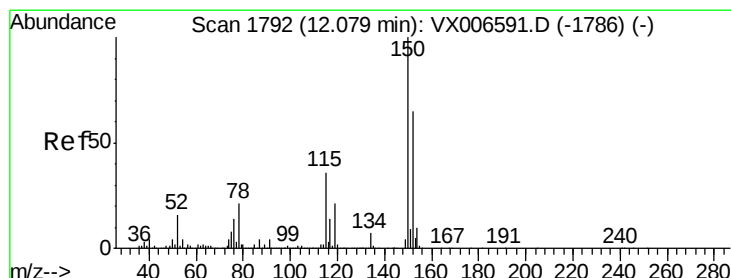
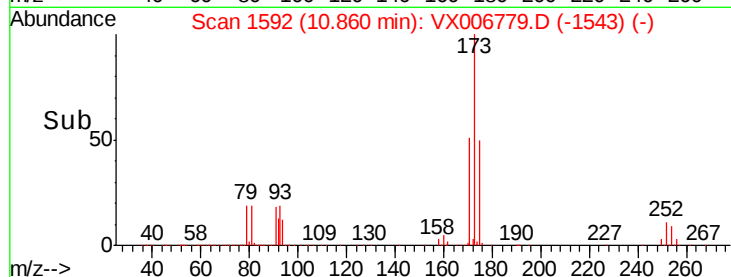
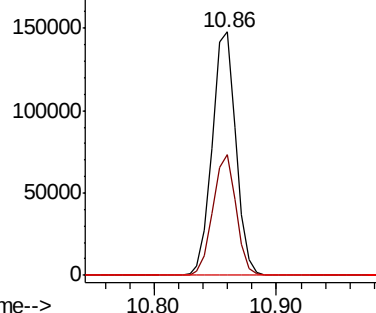
#71
Bromoform
Concen: 44.191 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 197458
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2

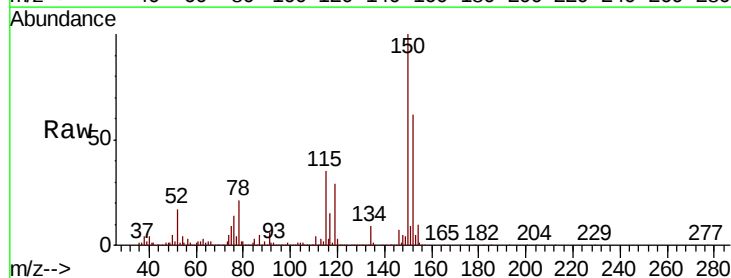


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

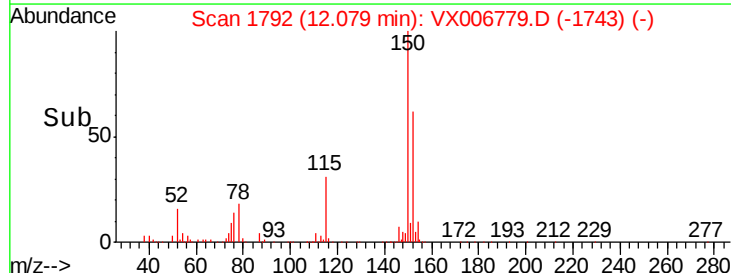
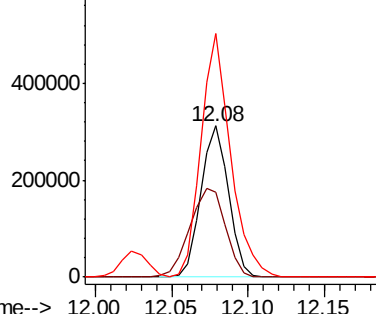


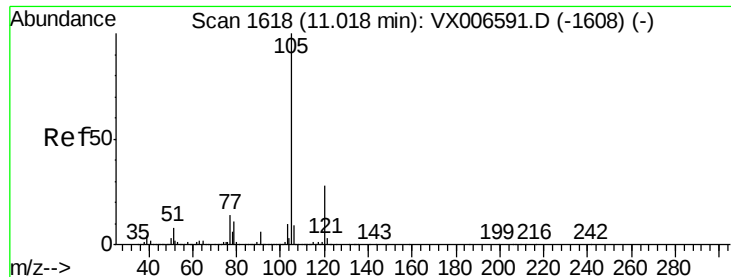
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion:152 Resp: 388327
Ion Ratio Lower Upper
152 100
115 76.3 39.1 117.2
150 173.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.519 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

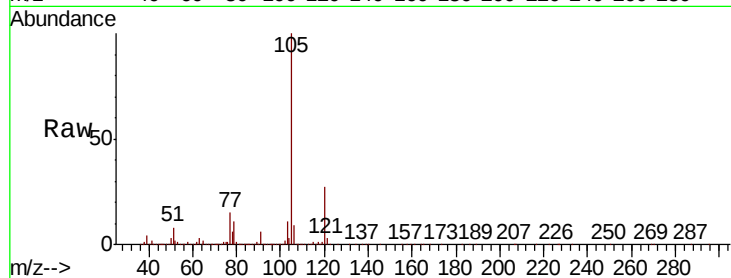
ClientSampleId :

Tot Ion:105 Resp: 1342109

Ion Ratio Lower Upper

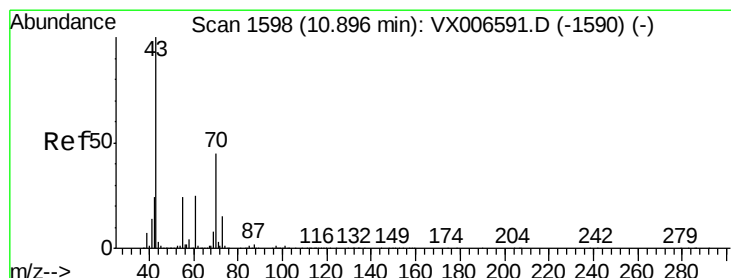
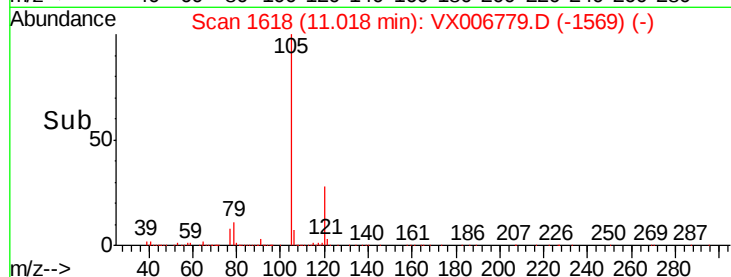
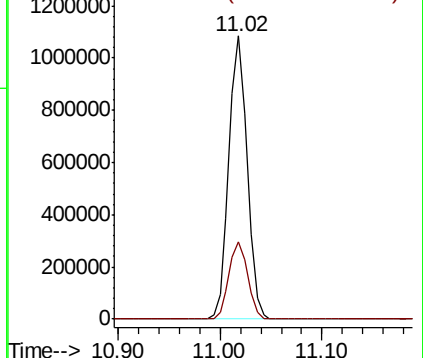
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.256 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Tgt Ion: 43 Resp: 515932

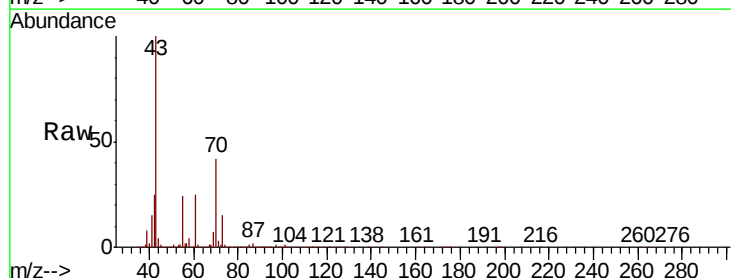
Ion Ratio Lower Upper

43 100

70 43.7 35.8 53.8

55 24.4 19.4 29.0

61 24.6 20.1 30.1

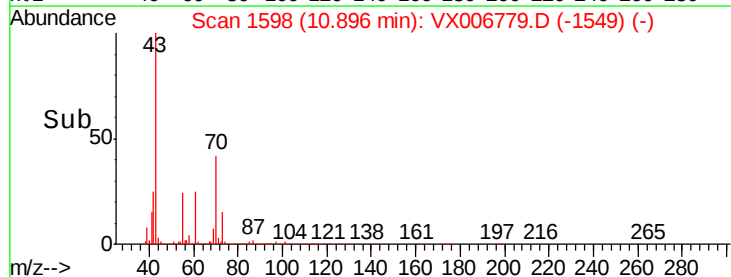
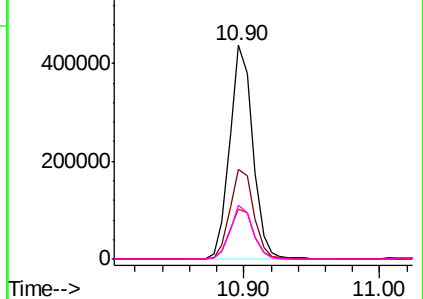


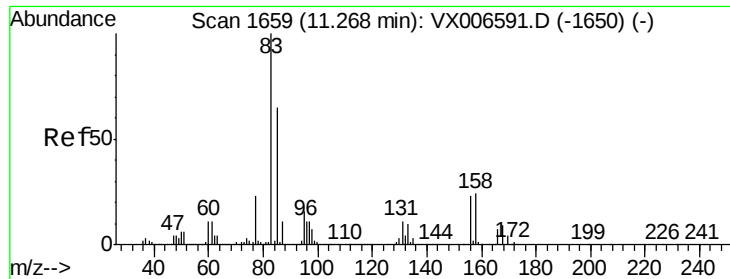
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.852 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

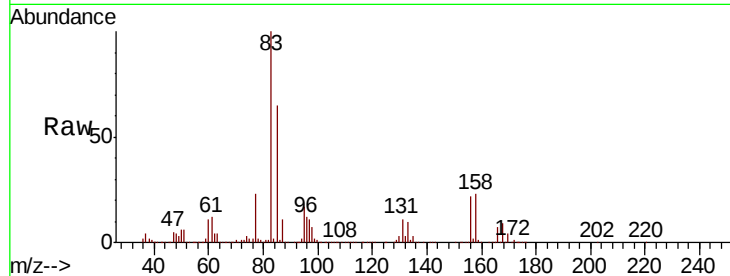
Tot Ion: 83 Resp: 417577

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

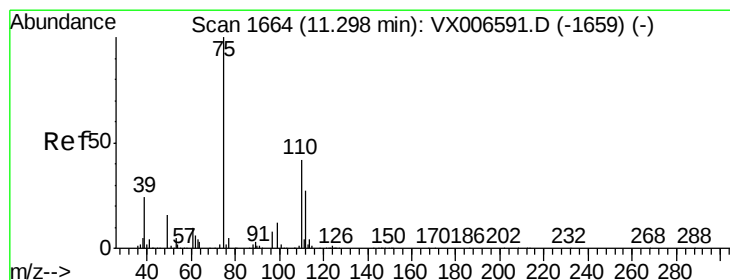
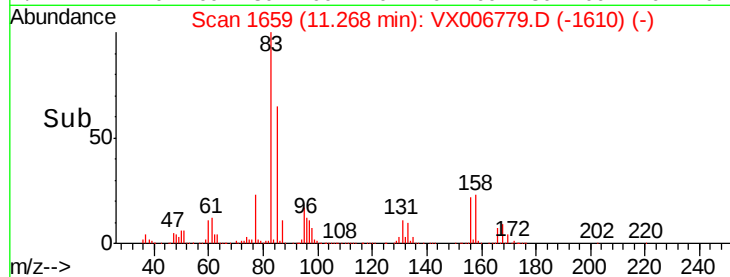
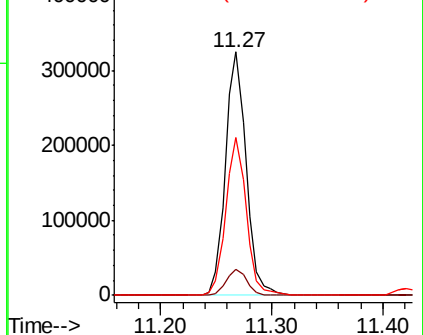
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX006779.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX006779.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX006779.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 62.871 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006779.D

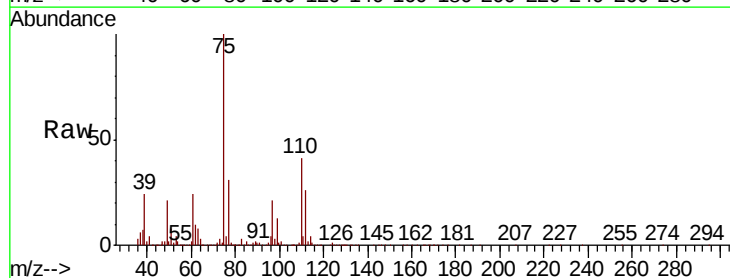
Acq: 22 Dec 2018 18:23

Tgt Ion: 75 Resp: 453723

Ion Ratio Lower Upper

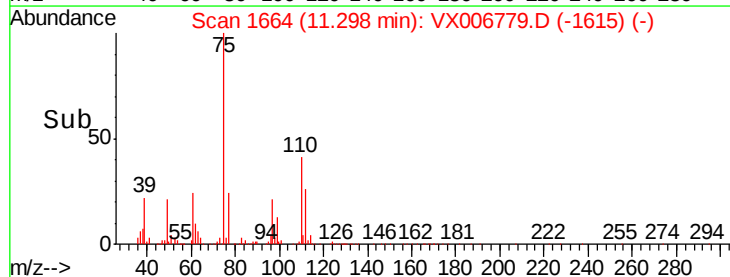
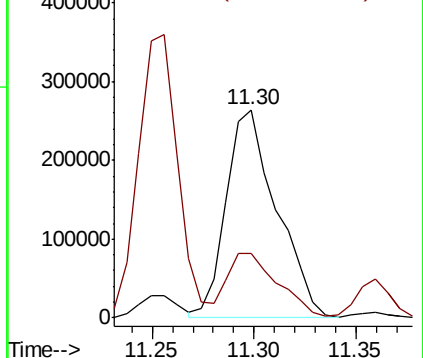
75 100

77 30.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX006779.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX006779.D (-1615) (-)





#77

Bromobenzene

Concen: 49.602 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

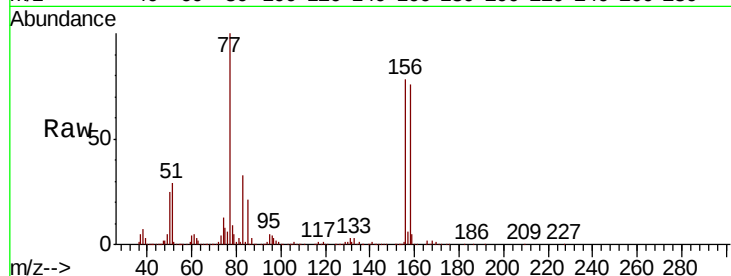
Tot Ion:156 Resp: 356255

Ion Ratio Lower Upper

156 100

77 136.1 68.0 204.0

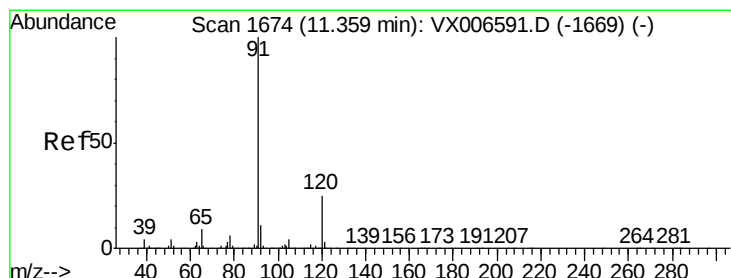
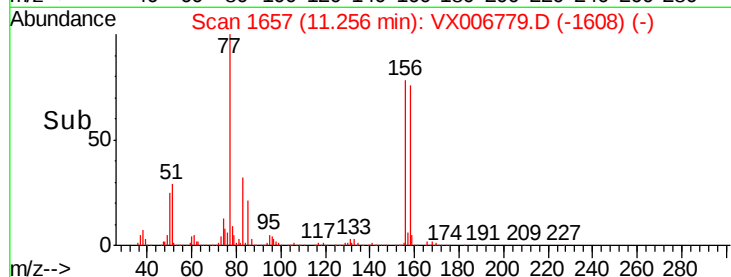
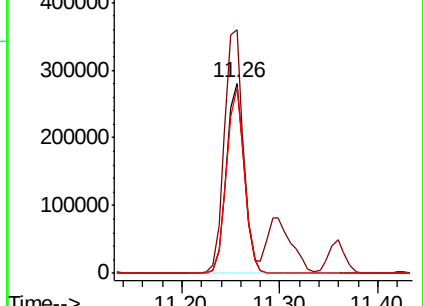
158 98.2 48.3 144.8



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: 50.677 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006779.D

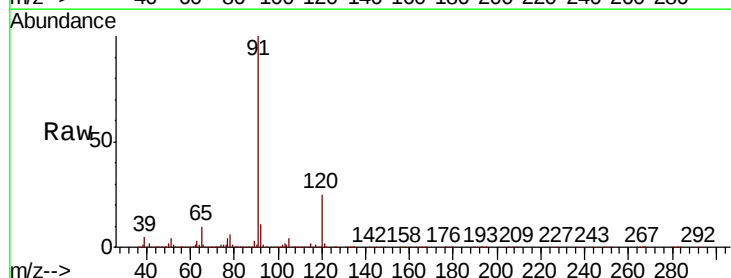
Acq: 22 Dec 2018 18:23

Tgt Ion: 91 Resp: 1482536

Ion Ratio Lower Upper

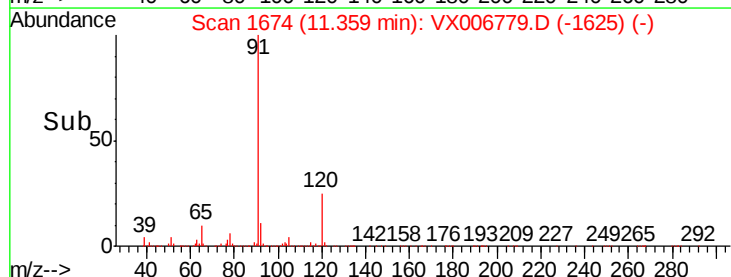
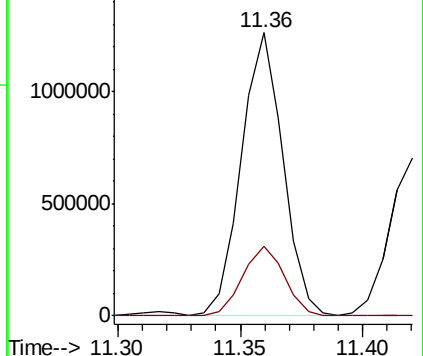
91 100

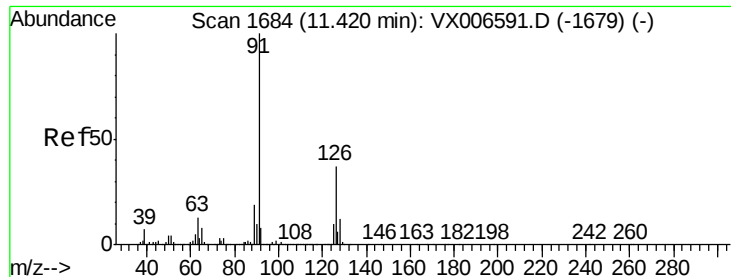
120 24.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.911 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

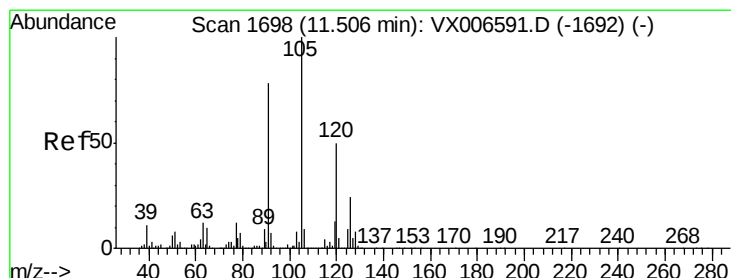
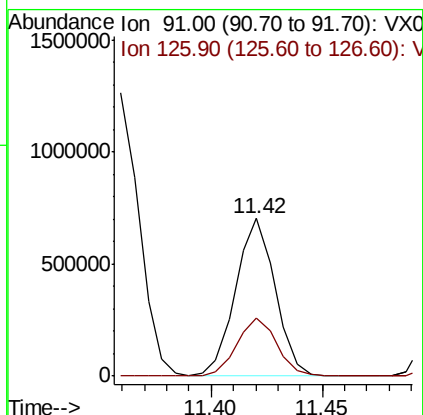
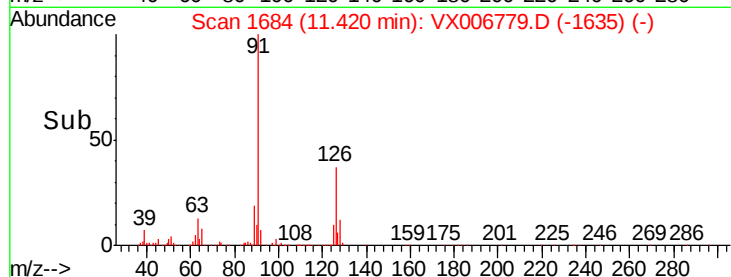
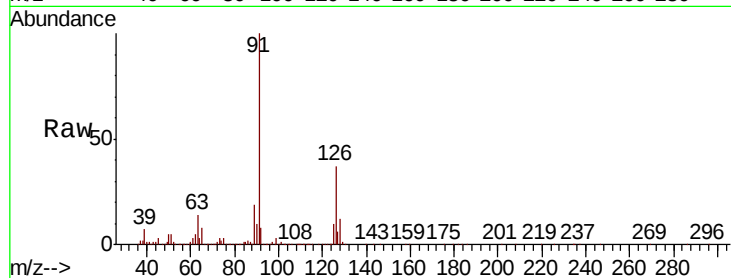
ClientSampled :

Tot Ion: 91 Resp: 867134

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 50.367 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006779.D

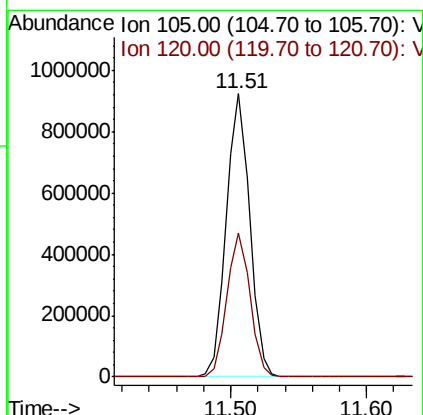
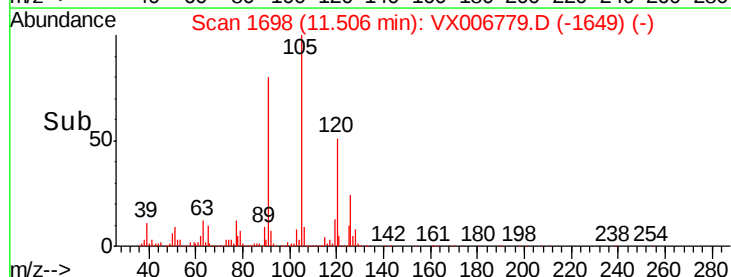
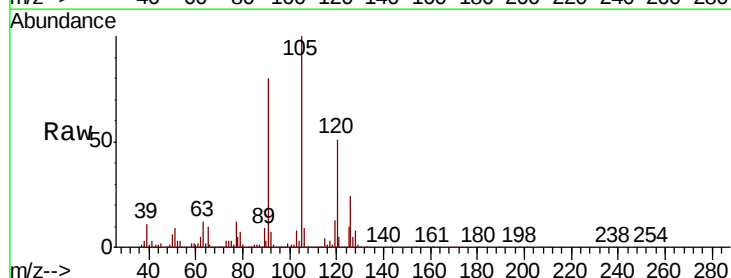
Acq: 22 Dec 2018 18:23

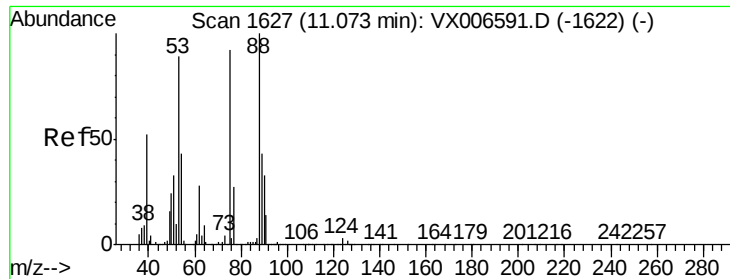
Tgt Ion:105 Resp: 1102113

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3

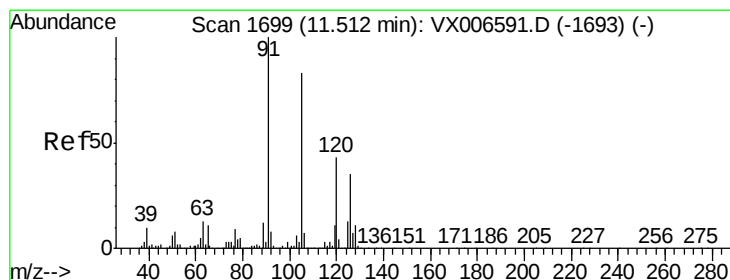
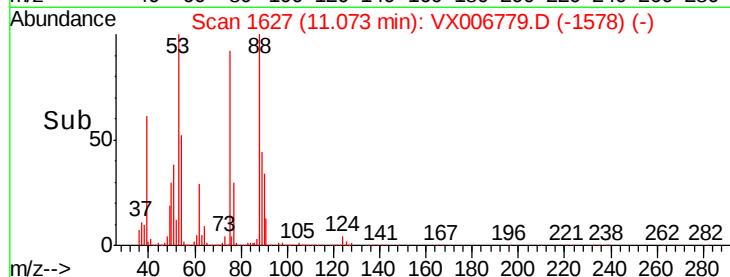
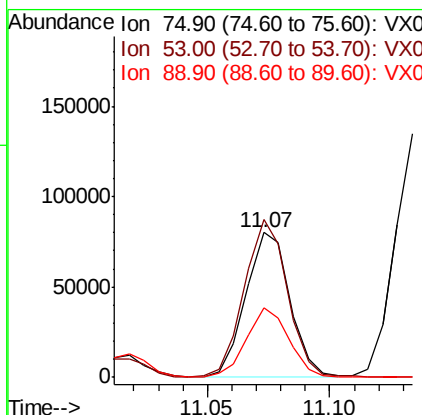
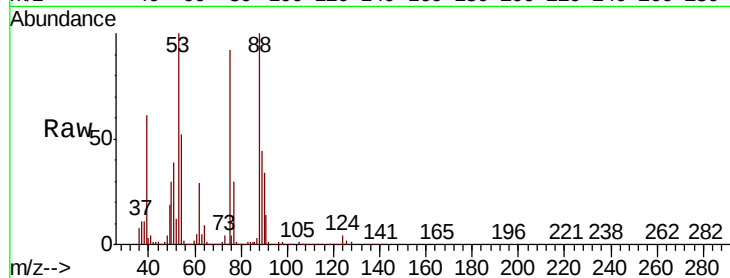




#81
trans-1,4-Dichloro-2-butene
Concen: 42.769 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

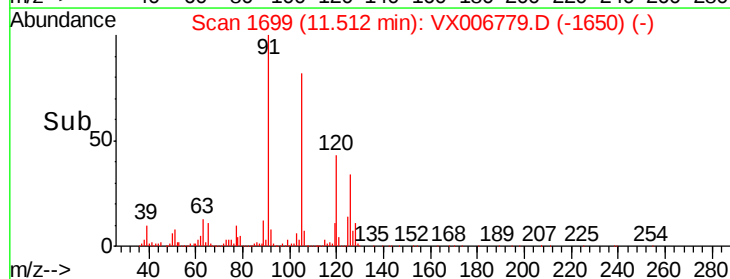
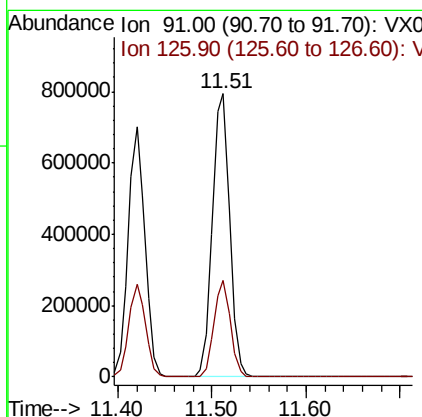
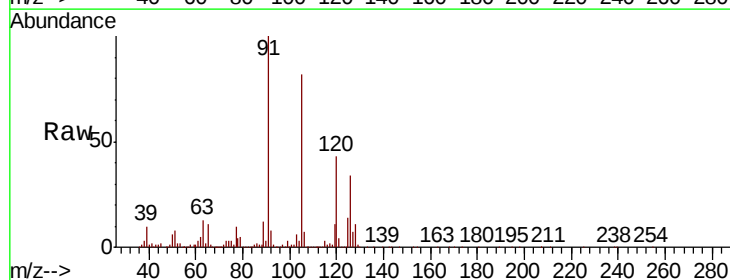
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 99835
Ion Ratio Lower Upper
75 100
53 106.5 79.7 119.5
89 46.8 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.526 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 91 Resp: 1007167
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9





#83

tert-Butylbenzene

Concen: 51.835 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

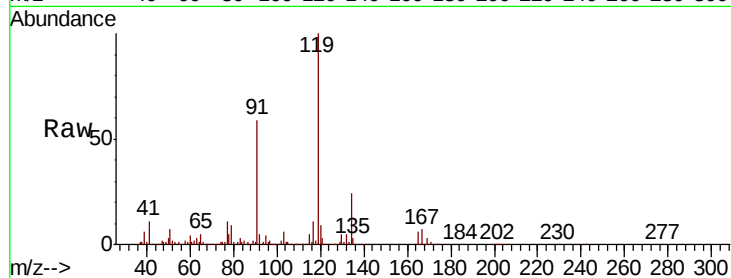
Tot Ion:119 Resp: 1135187

Ion Ratio Lower Upper

119 100

91 54.8 27.7 83.1

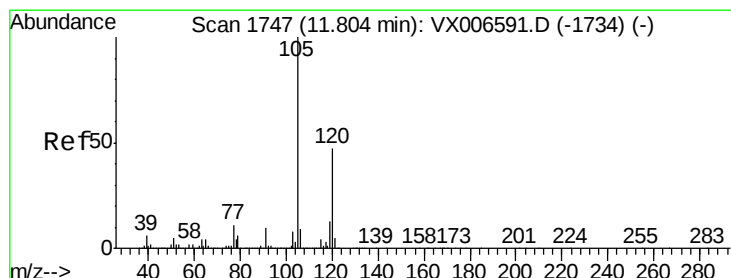
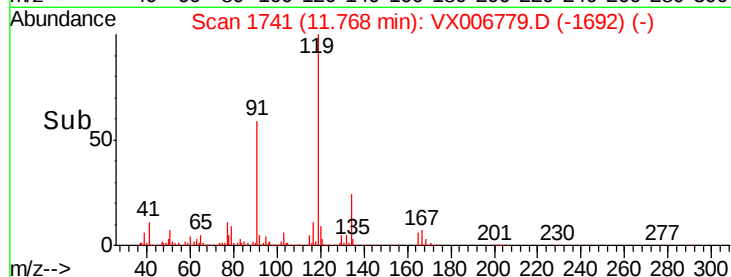
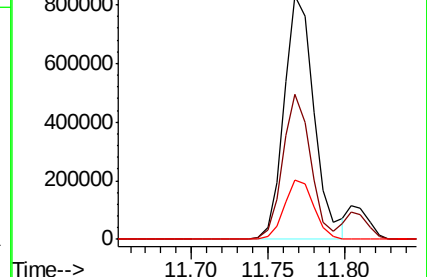
134 23.8 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.963 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006779.D

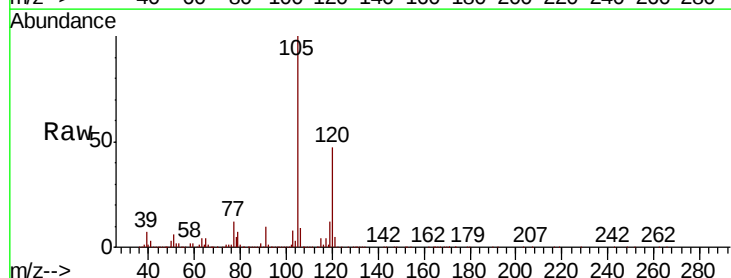
Acq: 22 Dec 2018 18:23

Tgt Ion:105 Resp: 1126915

Ion Ratio Lower Upper

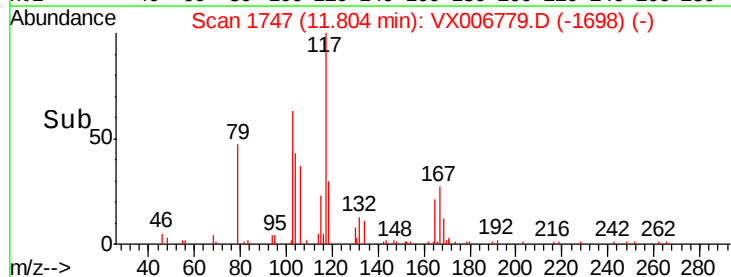
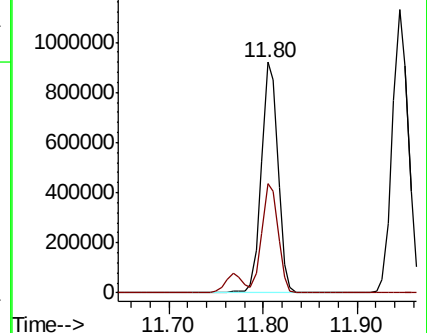
105 100

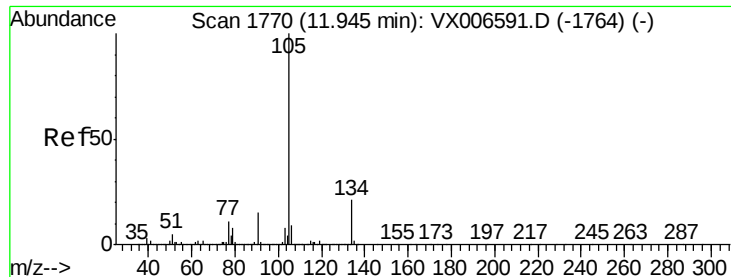
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

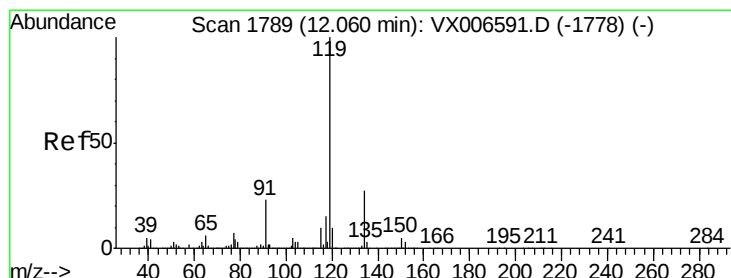
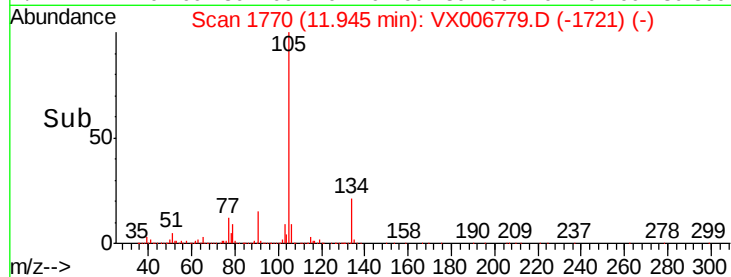
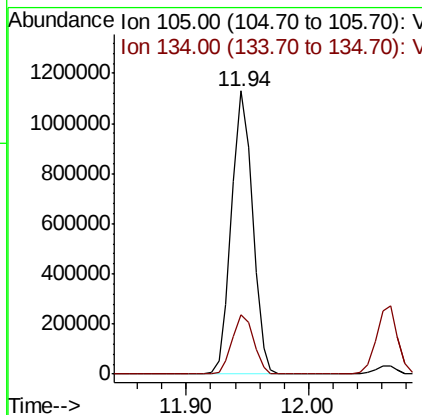
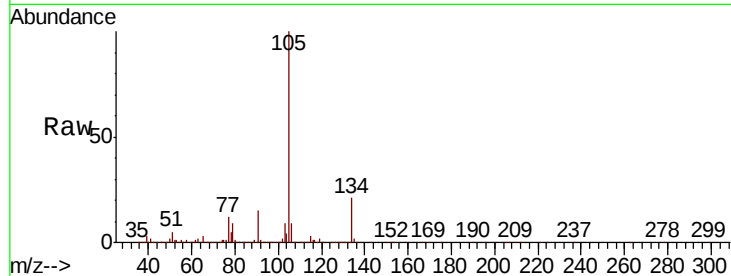




#85
 sec-Butylbenzene
 Concen: 50.232 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

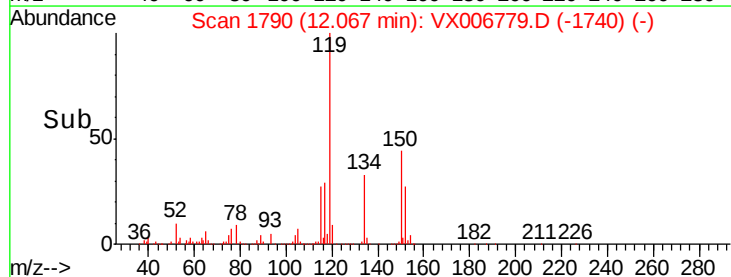
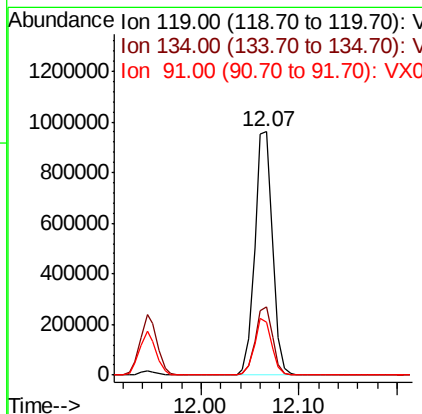
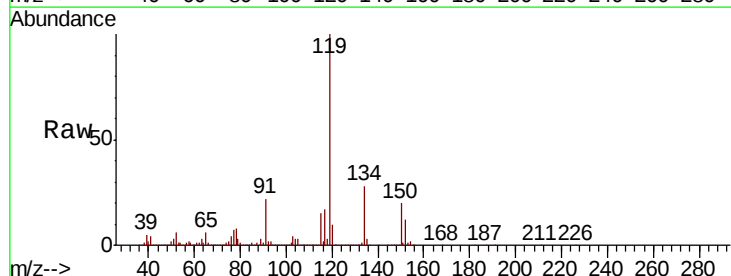
Instrument :
 MSVOA_X
 ClientSampleId :

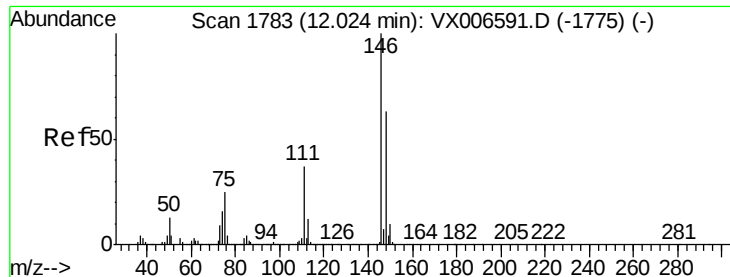
Tot Ion:105 Resp: 1348772
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 50.765 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion:119 Resp: 1198210
 Ion Ratio Lower Upper
 119 100
 134 27.6 14.0 41.9
 91 22.6 11.3 33.9

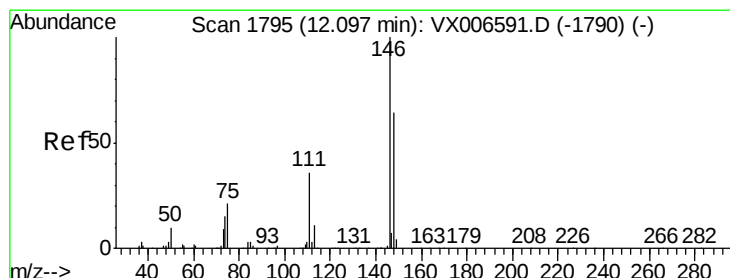
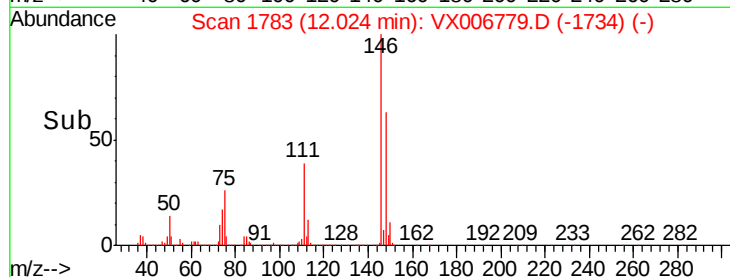
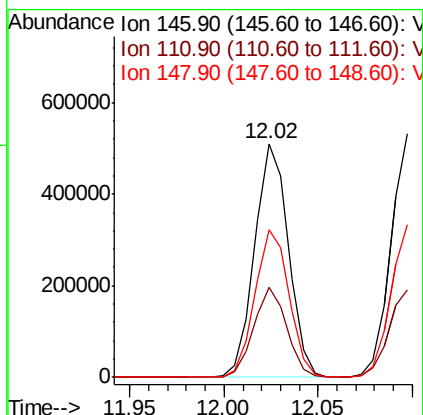
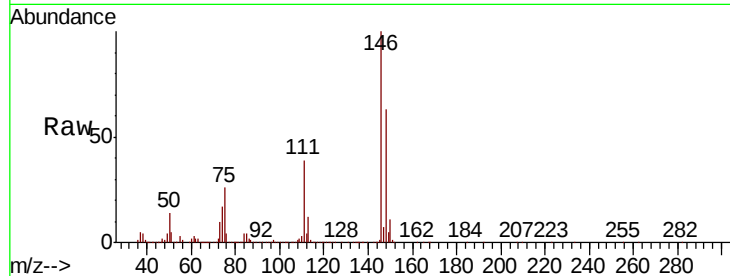




#87
 1,3-Dichlorobenzene
 Concen: 48.987 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

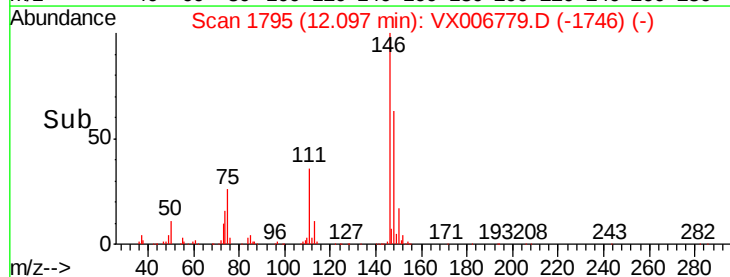
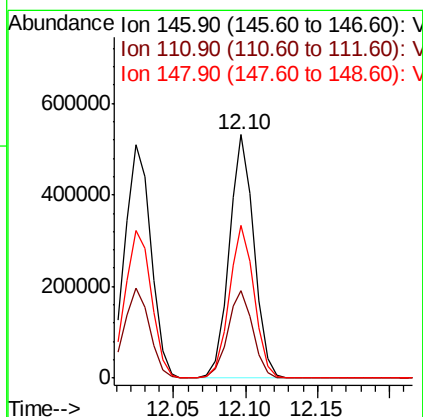
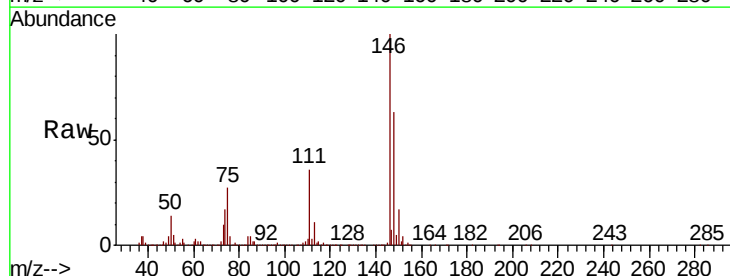
Instrument :
 MSVOA_X
 ClientSampleId :

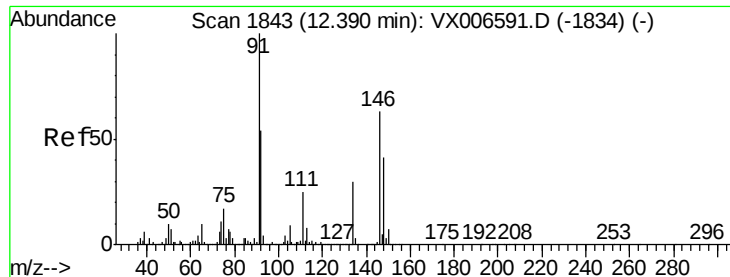
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	63.3	31.9	95.9

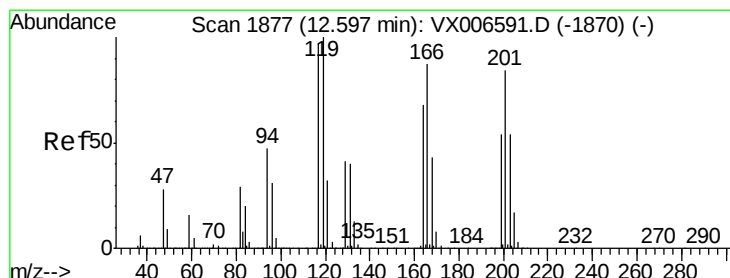
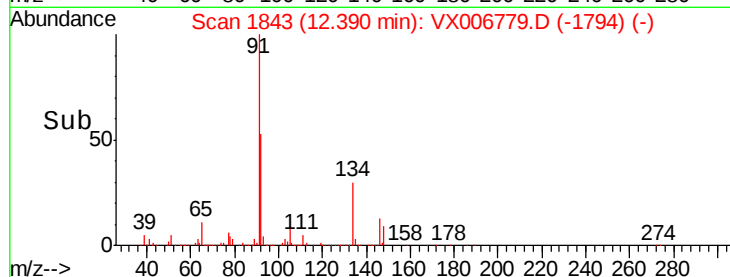
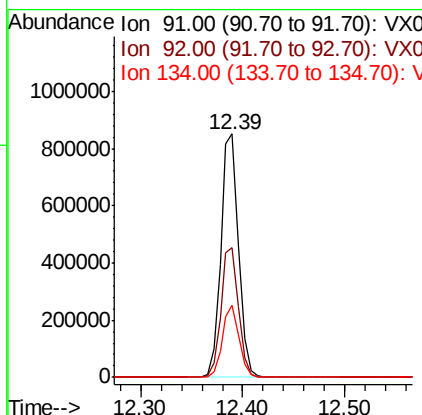
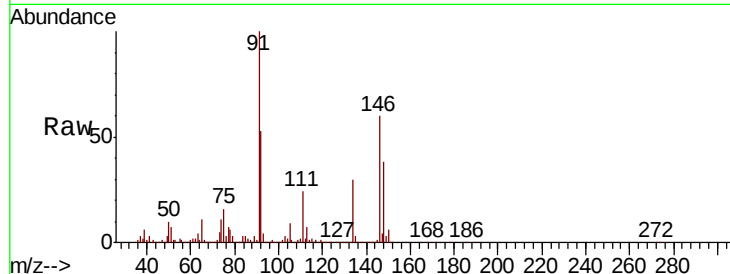




#89
n-Butylbenzene
Concen: 51.088 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

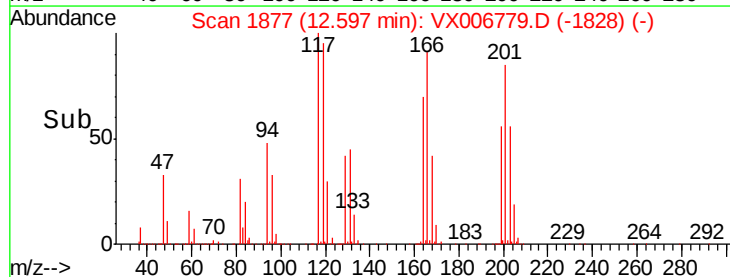
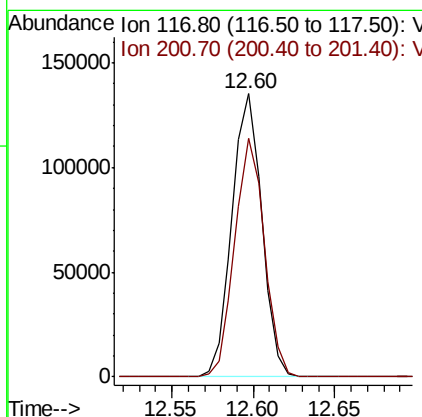
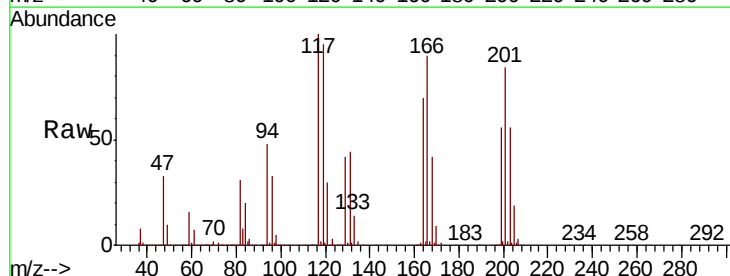
Instrument :
MSVOA_X
ClientSampled :

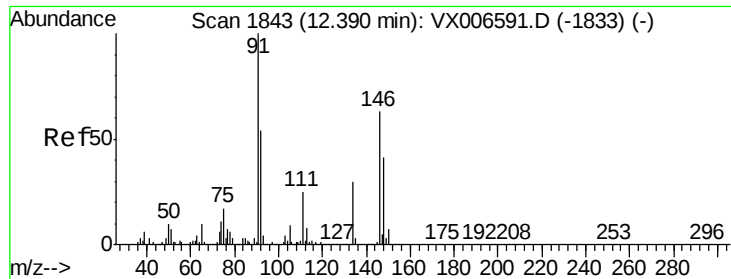
Tot Ion: 91 Resp: 1026208
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.1 14.4 43.2



#90
Hexachloroethane
Concen: 46.939 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006779.D
Acq: 22 Dec 2018 18:23

Tgt Ion: 117 Resp: 172595
Ion Ratio Lower Upper
117 100
201 83.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.006 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

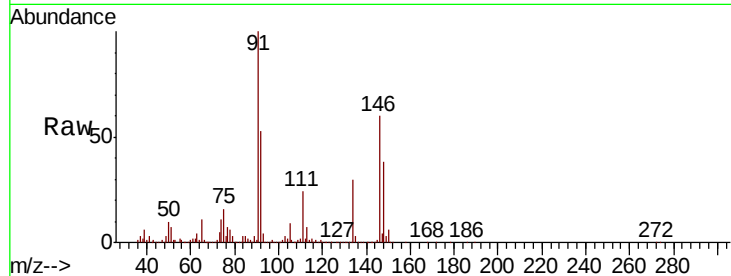
Tot Ion:146 Resp: 634572

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

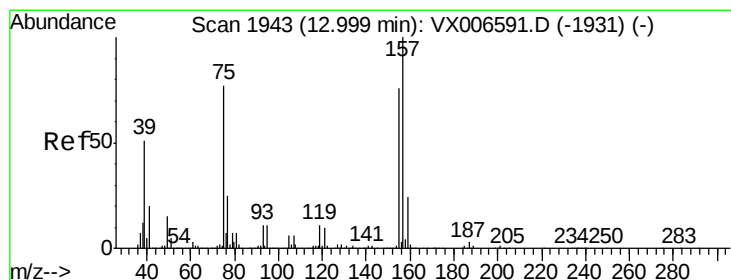
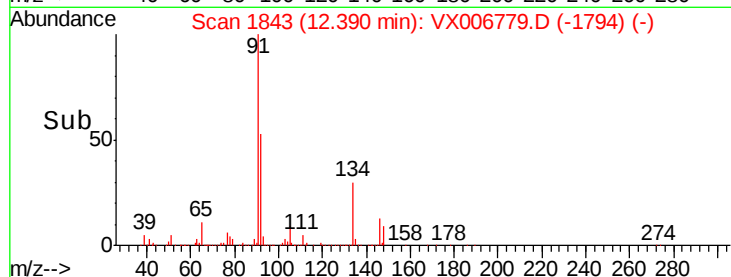
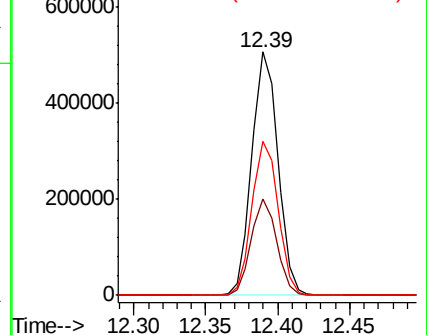
148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.110 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

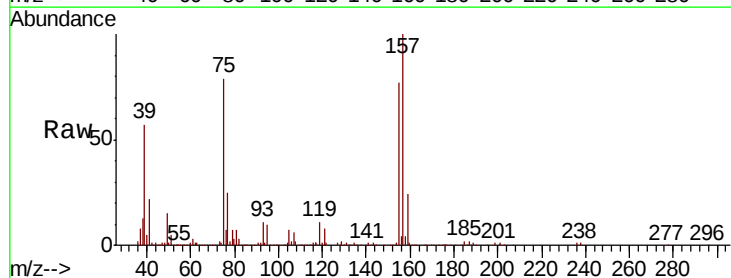
Tgt Ion: 75 Resp: 83555

Ion Ratio Lower Upper

75 100

155 100.3 50.6 151.8

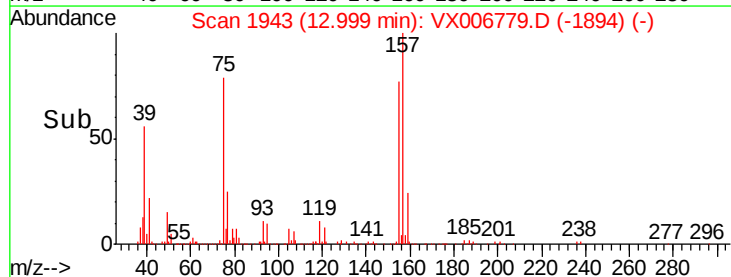
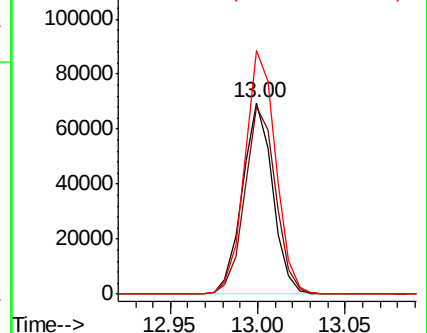
157 130.4 64.6 193.8

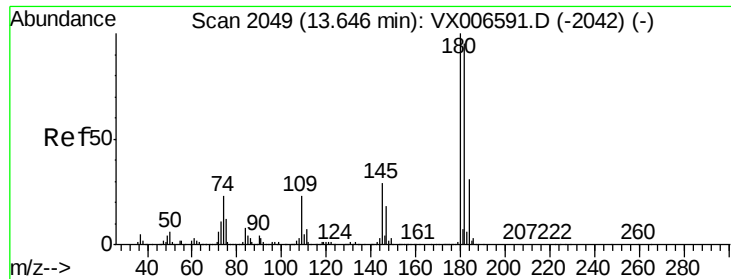


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

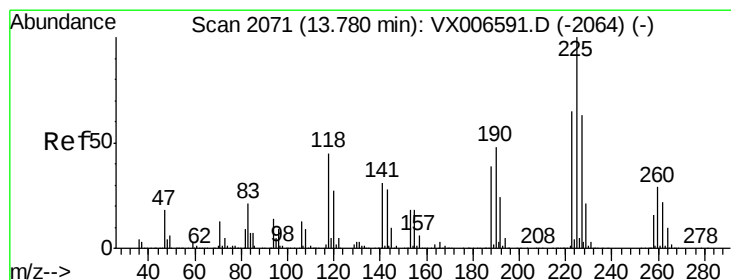
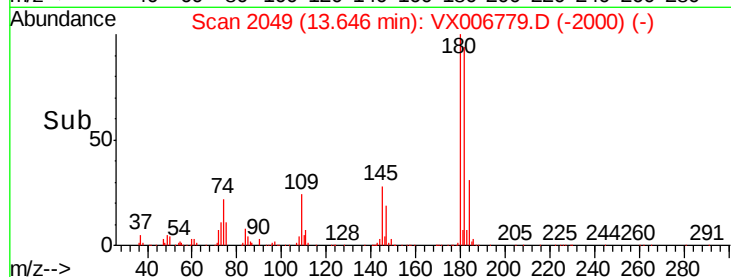
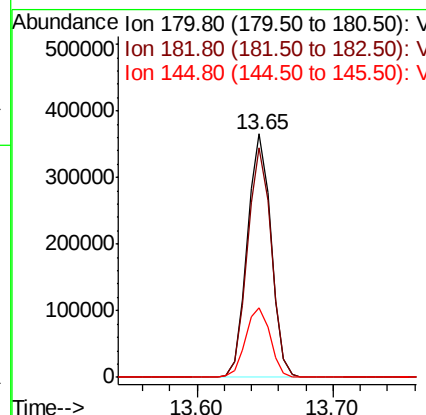
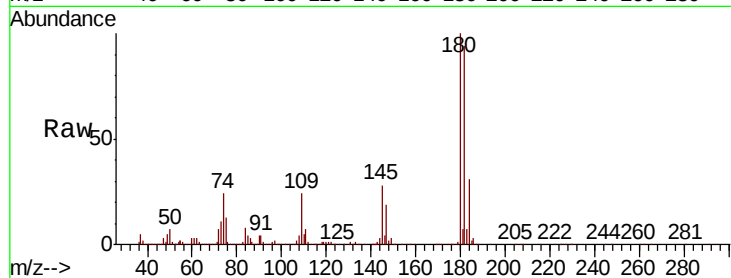




#93
 1,2,4-Trichlorobenzene
 Concen: 49.926 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

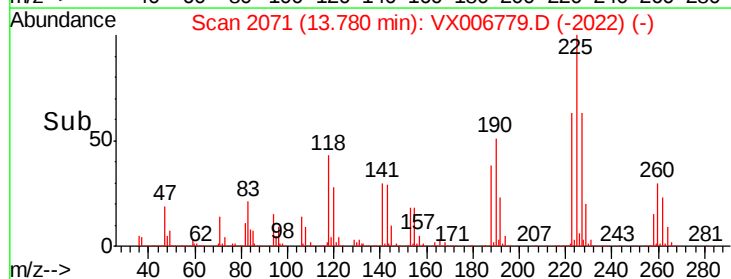
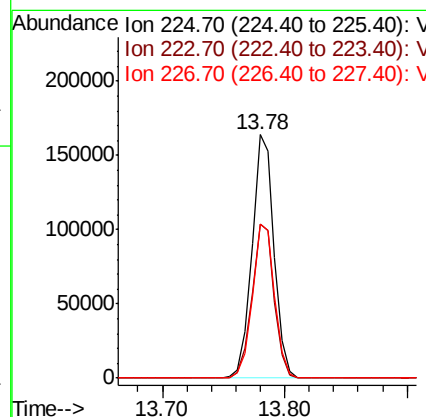
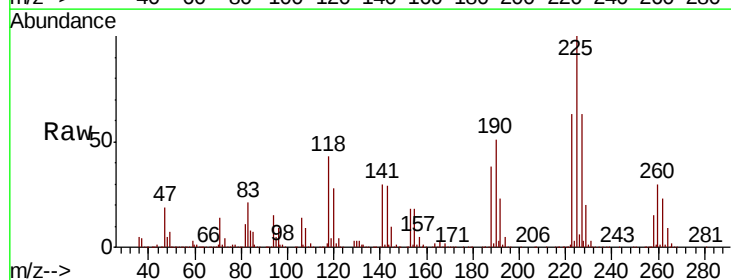
Instrument :
 MSVOA_X
 ClientSampleId :

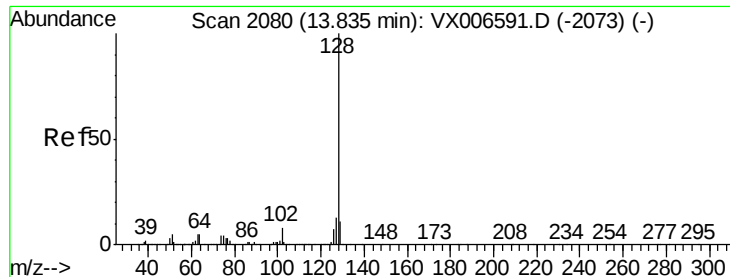
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	29.6	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 48.468 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006779.D
 Acq: 22 Dec 2018 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.1	96.3
227	63.7	32.3	96.8





#95

Naphthalene

Concen: 49.747 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

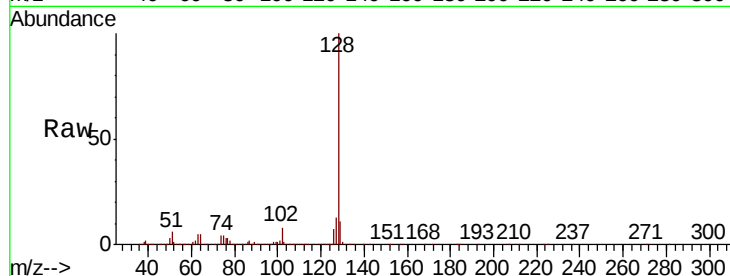
Tot Ion:128 Resp: 1418172

Ion Ratio Lower Upper

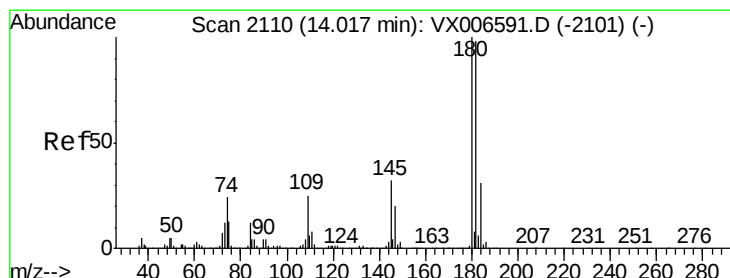
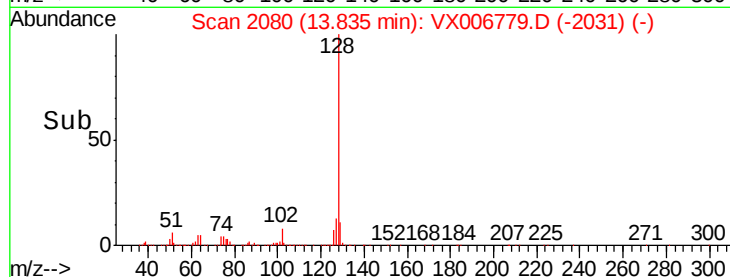
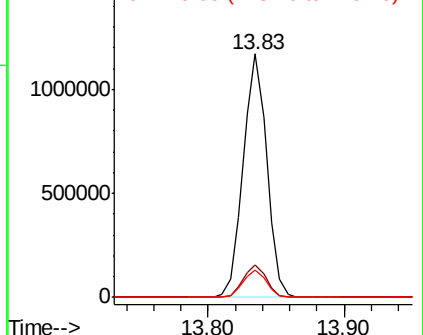
128 100

127 13.1 10.1 15.1

129 11.0 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 49.072 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006779.D

Acq: 22 Dec 2018 18:23

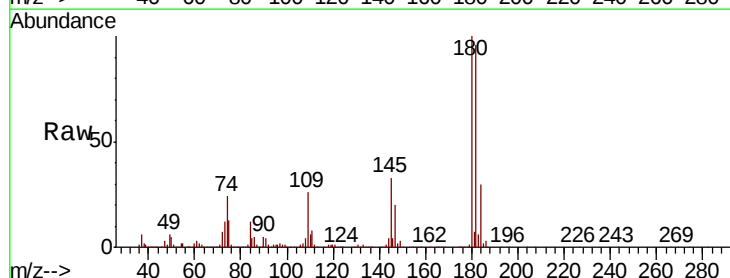
Tgt Ion:180 Resp: 452551

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.5

145 31.2 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

