

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006710.D
 Acq On : 21 Dec 2018 07:21
 Operator : JC/MD
 Sample : J6517-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 07:52:32 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	5.67	168	601382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	920158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	835392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	423366	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	316794	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	5.50	113	296805	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1097240	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	397797	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	248980	45.256	ug/l	100
3) Chloromethane	1.33	50	253745	42.811	ug/l	96
4) Vinyl Chloride	1.41	62	307054	49.602	ug/l	99
5) Bromomethane	1.64	94	208106	35.467	ug/l	98
6) Chloroethane	1.72	64	226195	52.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	479838	49.718	ug/l	96
8) Diethyl Ether	2.19	74	188759	49.241	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	272297	48.052	ug/l	100
10) Methyl Iodide	2.51	142	322800	39.794	ug/l	99
11) Tert butyl alcohol	3.07	59	355109	245.499	ug/l	97
12) 1,1-Dichloroethene	2.37	96	261619	48.690	ug/l	99
13) Acrolein	2.30	56	207478	212.623	ug/l	100
14) Allyl chloride	2.73	41	440882	48.747	ug/l	99
15) Acrylonitrile	3.15	53	845984	263.412	ug/l	99
16) Acetone	2.45	43	718211	241.190	ug/l	99
17) Carbon Disulfide	2.57	76	646768	45.485	ug/l	98
18) Methyl Acetate	2.78	43	433155	49.469	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	957322	53.681	ug/l	98
20) Methylene Chloride	2.86	84	297767	48.358	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	279207	46.898	ug/l	95
22) Diisopropyl ether	3.87	45	856743	51.779	ug/l	93
23) Vinyl Acetate	3.82	43	3078057	227.429	ug/l	99
24) 1,1-Dichloroethane	3.70	63	475827	48.174	ug/l	98
25) 2-Butanone	4.70	43	1036387	247.430	ug/l	100
26) 2,2-Dichloropropane	4.59	77	239829	31.433	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	324918	49.466	ug/l	97
28) Bromochloromethane	5.02	49	227159	54.733	ug/l	100
29) Tetrahydrofuran	5.15	42	708816	256.933	ug/l	99
30) Chloroform	5.21	83	515919	50.440	ug/l	99
31) Cyclohexane	5.57	56	502102	55.956	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	431941	50.012	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371146	48.700	ug/l	99
37) Ethyl Acetate	4.86	43	369132	46.536	ug/l	99
38) Carbon Tetrachloride	5.78	117	366197	49.443	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	703131	70.080	ug/l	98
40) Benzene	6.14	78	1162123	50.166	ug/l	100
41) Methacrylonitrile	5.06	41	232917	55.308	ug/l	98
42) 1,2-Dichloroethane	6.20	62	384050	48.652	ug/l	93
43) Isopropyl Acetate	6.46	43	615661	51.012	ug/l	99
44) Trichloroethene	7.21	130	335181	47.805	ug/l	98
45) 1,2-Dichloropropane	7.52	63	289737	51.396	ug/l	100
46) Dibromomethane	7.67	93	204196	49.245	ug/l	94
47) Bromodichloromethane	7.90	83	347274	50.445	ug/l	97
48) Methyl methacrylate	7.77	41	333836	54.393	ug/l	97
49) 1,4-Dioxane	7.75	88	133116	825.483	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2082399	271.175	ug/l	99
52) Toluene	8.79	92	755529	50.484	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	367928	49.833	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	415884	51.336	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300842	49.111	ug/l	97
56) Ethyl methacrylate	9.18	69	481049	55.561	ug/l	94
57) 1,3-Dichloropropane	9.37	76	502314	50.967	ug/l	99
59) 2-Hexanone	9.49	43	1532429	260.818	ug/l	100
60) Dibromochloromethane	9.59	129	311543	48.690	ug/l	97
61) 1,2-Dibromoethane	9.67	107	343475	52.746	ug/l	100
64) Tetrachloroethene	9.34	164	295785	44.714	ug/l	95
65) Chlorobenzene	10.14	112	868819	49.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	303238	54.994	ug/l	99
67) Ethyl Benzene	10.25	91	1464361	50.706	ug/l	100
68) m/p-Xylenes	10.36	106	1135379	99.631	ug/l	99
69) o-Xylene	10.70	106	558283	49.611	ug/l	97
70) Styrene	10.71	104	895258	50.287	ug/l	99
71) Bromoform	10.86	173	224236	45.522	ug/l	100
73) Isopropylbenzene	11.02	105	2746918	94.841	ug/l	100
74) N-amyl acetate	10.90	43	521559	50.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	457645	53.130	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	483543	61.458	ug/l	91
77) Bromobenzene	11.26	156	401066	51.219	ug/l	99
78) n-propylbenzene	11.36	91	7027768	220.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	953298	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197377	50.192	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99923	39.611	ug/l	94
82) 4-Chlorotoluene	11.51	91	1102107	49.710	ug/l	100
83) tert-Butylbenzene	11.77	119	1322035	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1228460	48.957	ug/l	99
85) sec-Butylbenzene	11.94	105	1902576	64.993	ug/l	94
86) p-Isopropyltoluene	12.07	119	1329983	51.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	706146	50.038	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	699947	48.382	ug/l	100
89) n-Butylbenzene	12.39	91	1701827	77.710	ug/l #	84
90) Hexachloroethane	12.60	117	271577	66.286	ug/l	75
91) 1,2-Dichlorobenzene	12.39	146	694451	49.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132294	74.227	ug/l	69
93) 1,2,4-Trichlorobenzene	13.65	180	508755	52.245	ug/l	94

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Quant Time: Dec 21 07:52:32 2018
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

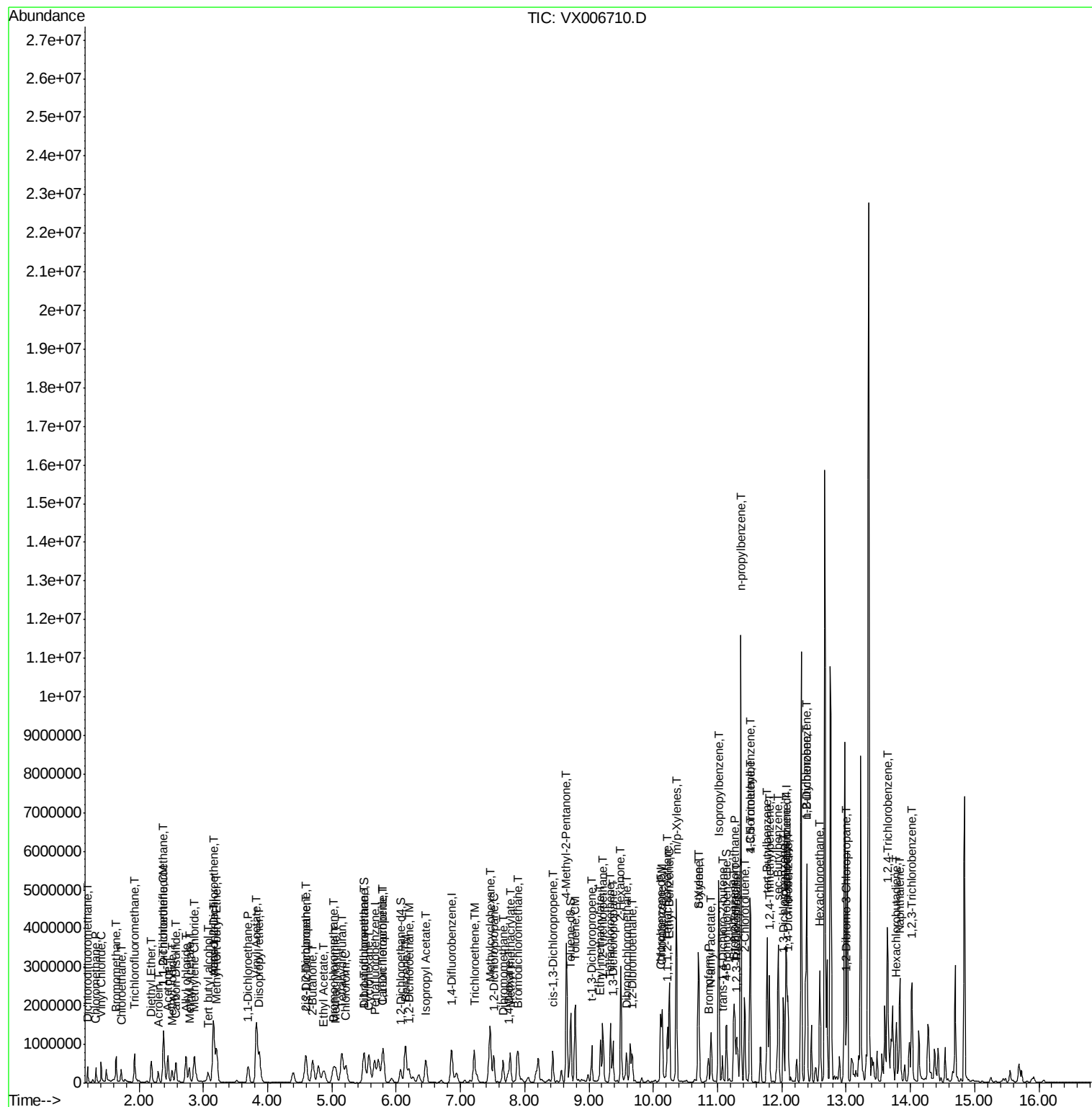
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	236170	51.454	ug/l	98
95) Naphthalene	13.83	128	1646109	52.963	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	519659	51.685	ug/l	98

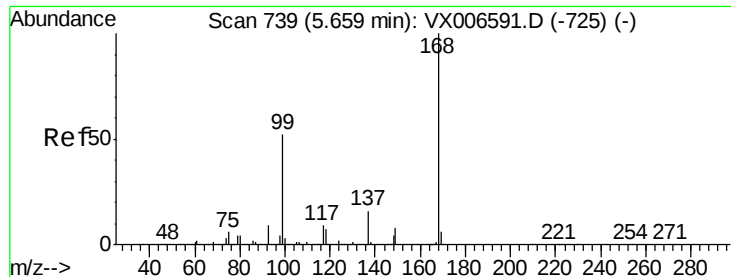
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

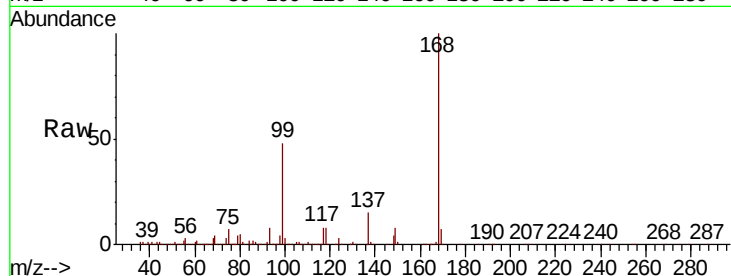
ClientSampleId :

Tot Ion:168 Resp: 601382

Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

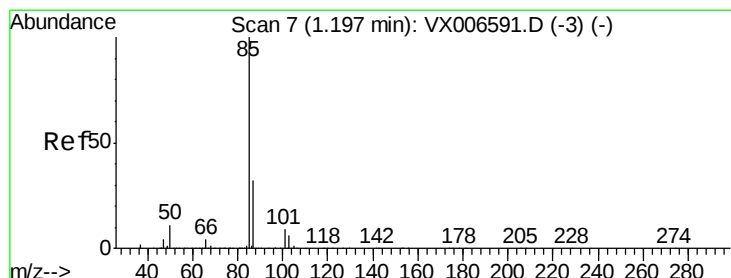
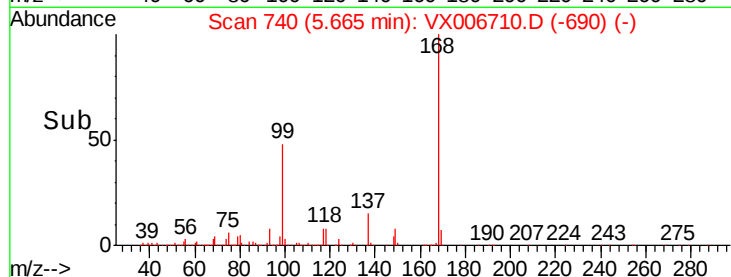
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.256 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006710.D

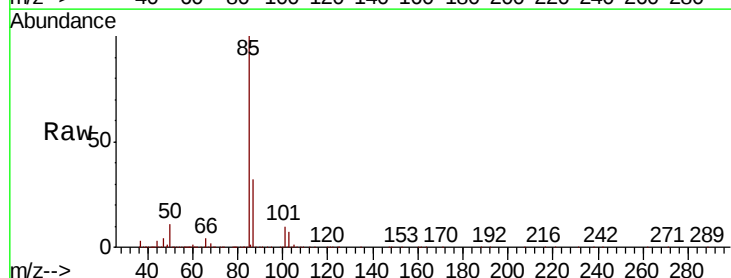
Acq: 21 Dec 2018 07:21

Tgt Ion: 85 Resp: 248980

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

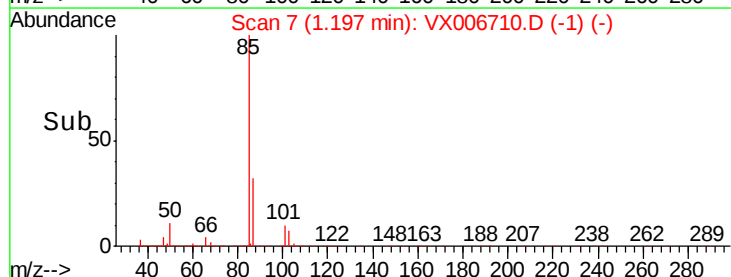
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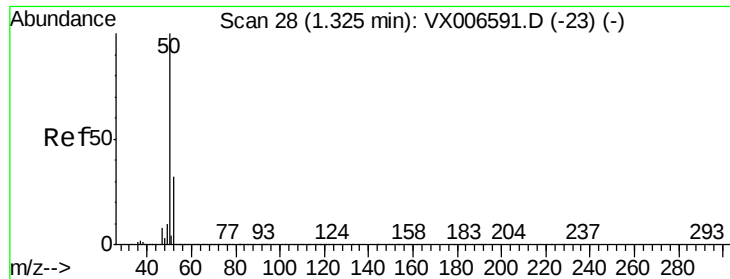
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Time-->

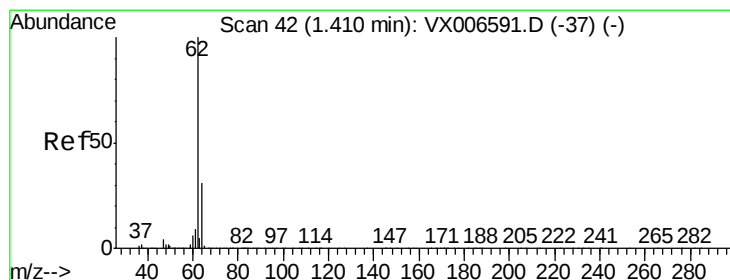
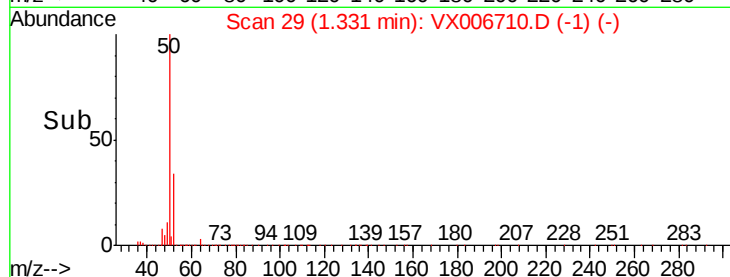
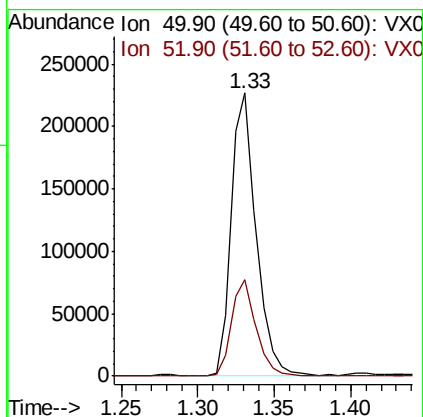
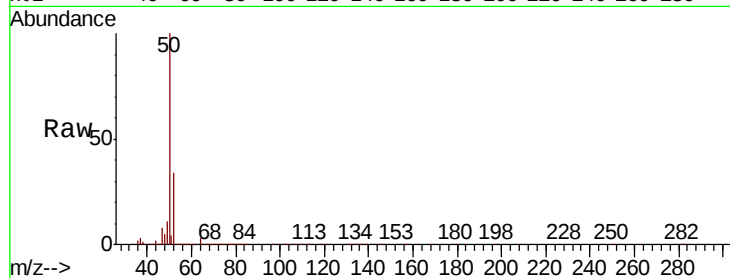




#3
Chloromethane
Concen: 42.811 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

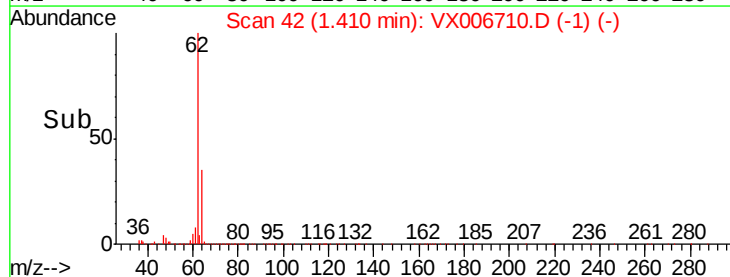
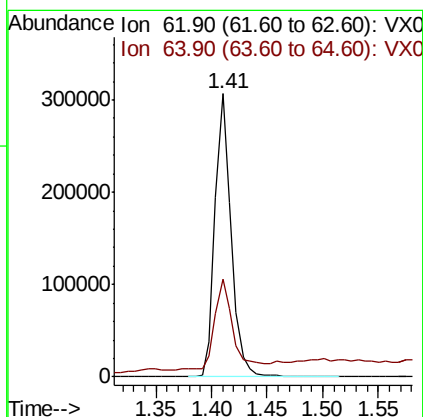
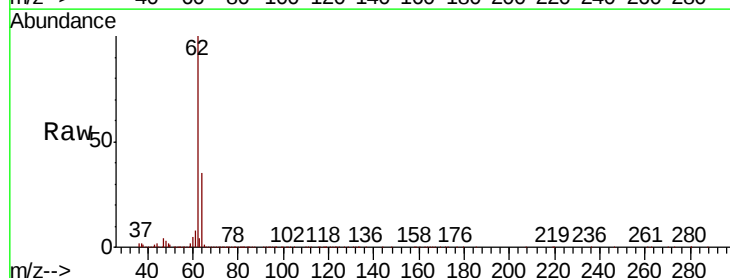
Instrument :
MSVOA_X
ClientSampleId :

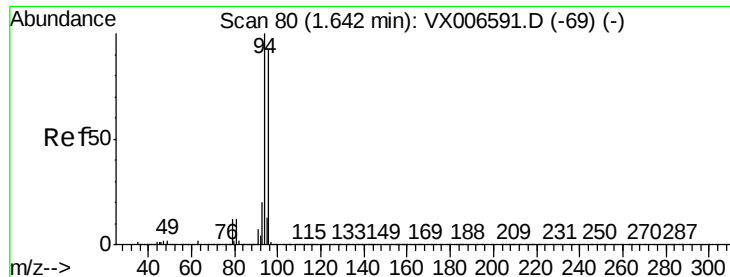
Tot Ion: 50 Resp: 253745
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 49.602 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 62 Resp: 307054
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5

Bromomethane

Concen: 35.467 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

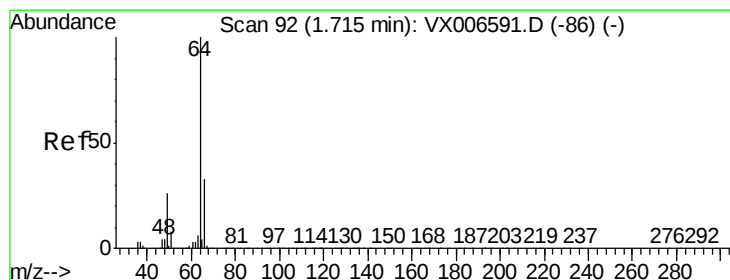
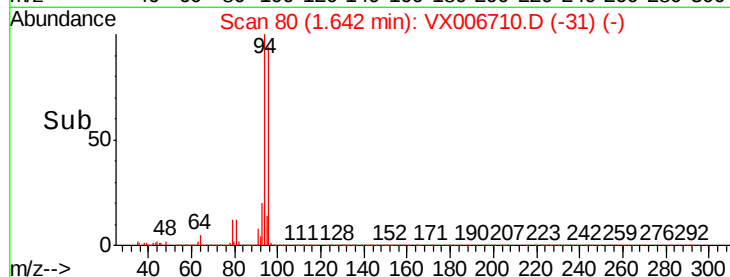
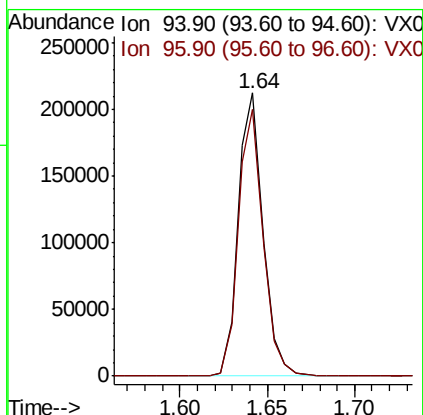
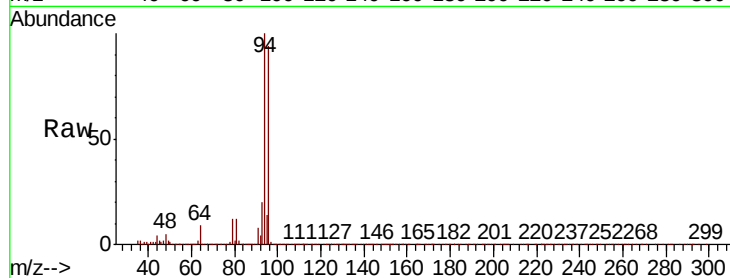
ClientSampleId :

Tot Ion: 94 Resp: 208106

Ion Ratio Lower Upper

94 100

96 94.0 73.4 110.2



#6

Chloroethane

Concen: 52.772 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006710.D

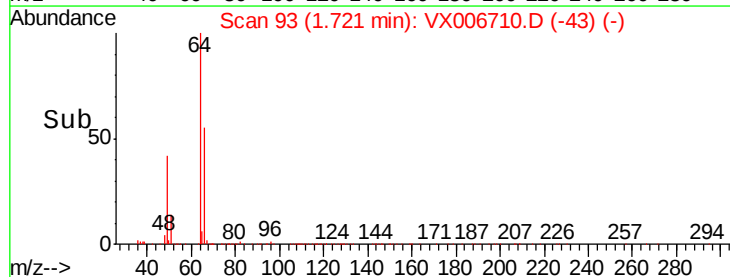
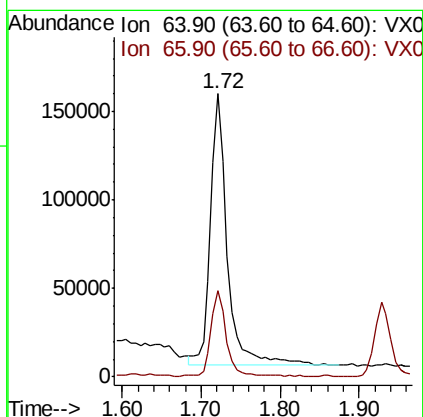
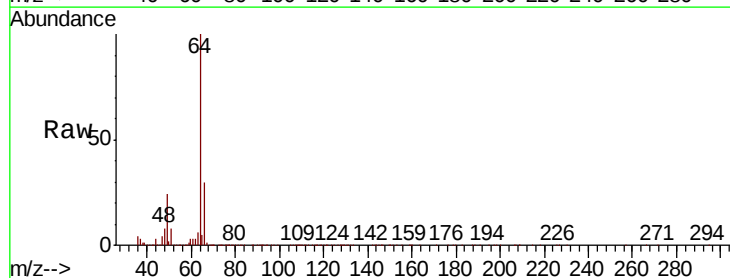
Acq: 21 Dec 2018 07:21

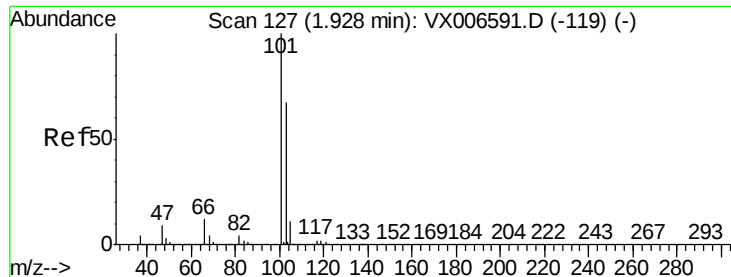
Tgt Ion: 64 Resp: 226195

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6



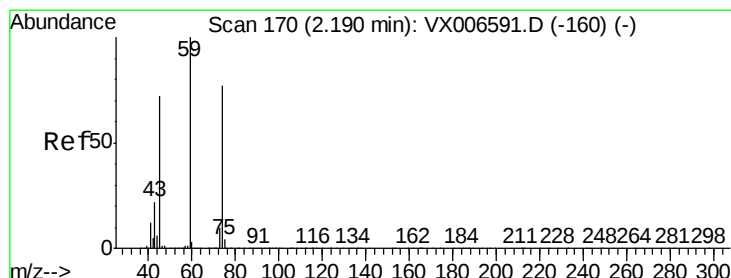
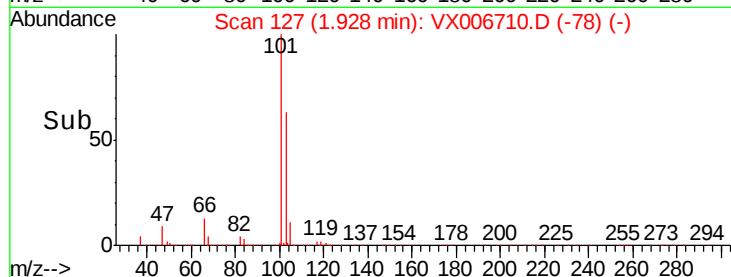
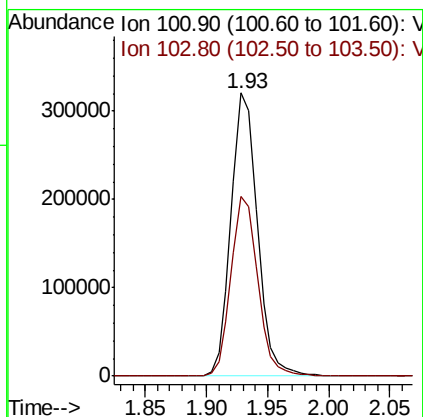
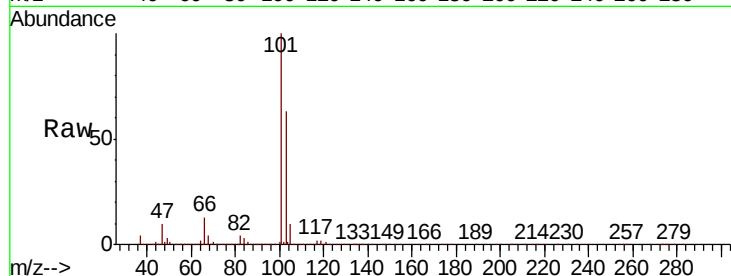


#7

Trichlorofluoromethane
Concen: 49.718 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

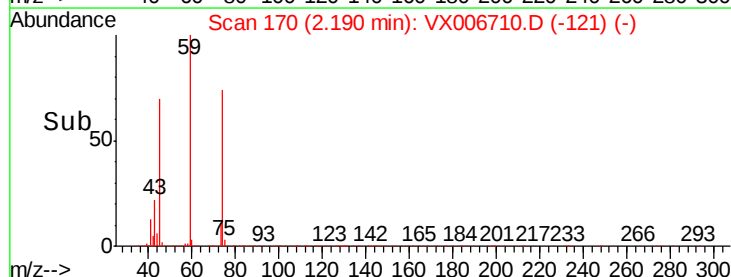
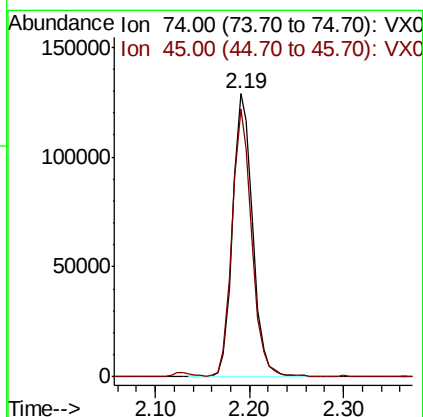
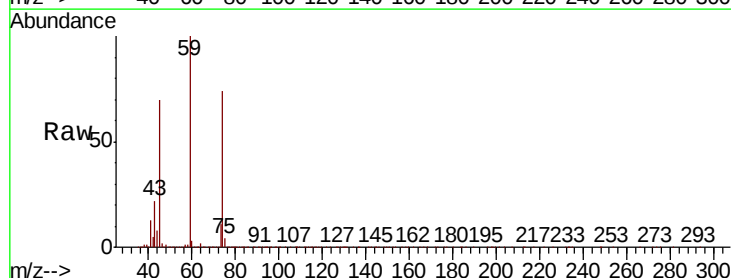
Tot Ion:101 Resp: 479838
Ion Ratio Lower Upper
101 100
103 63.4 53.2 79.8

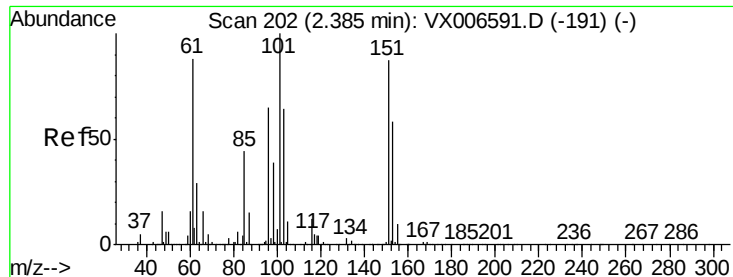


#8

Diethyl Ether
Concen: 49.241 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 74 Resp: 188759
Ion Ratio Lower Upper
74 100
45 92.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.052 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

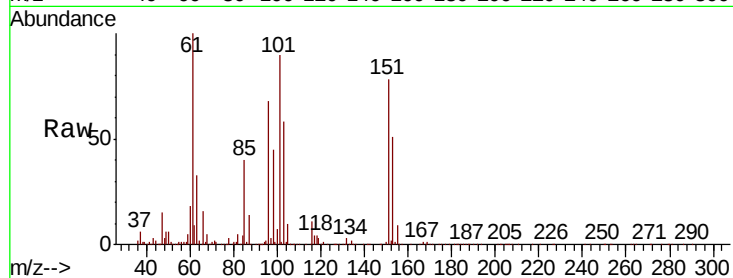
Tot Ion:101 Resp: 272297

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

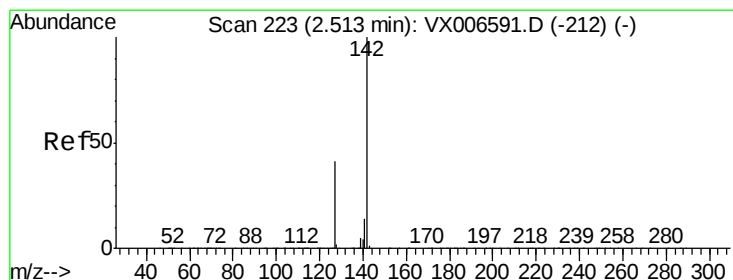
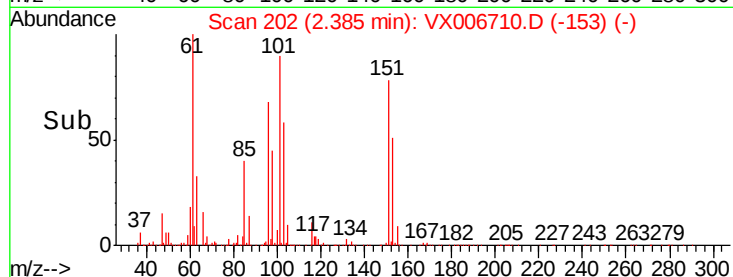
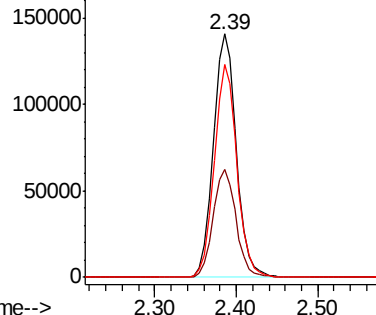
151 86.3 68.9 103.3



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: 39.794 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

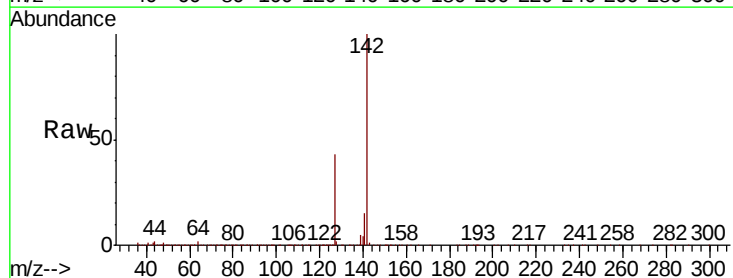
Tgt Ion:142 Resp: 322800

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

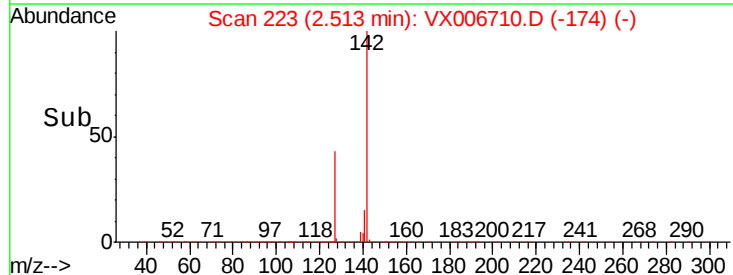
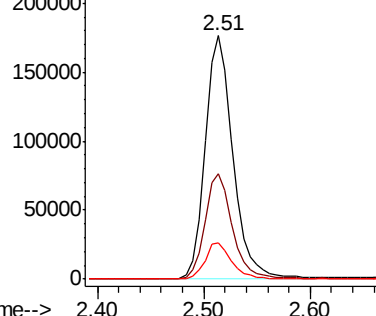
141 14.5 11.4 17.0

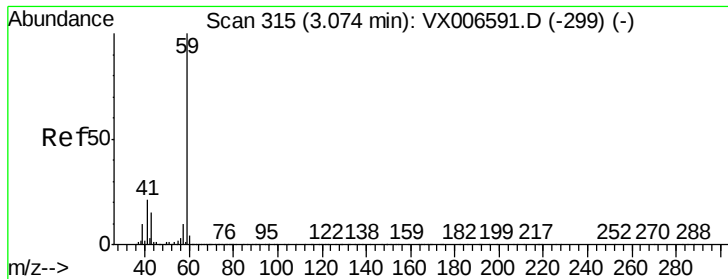


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

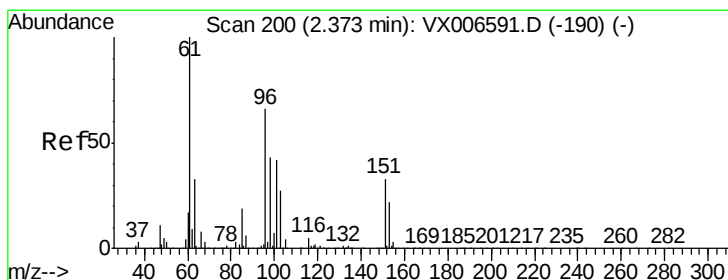
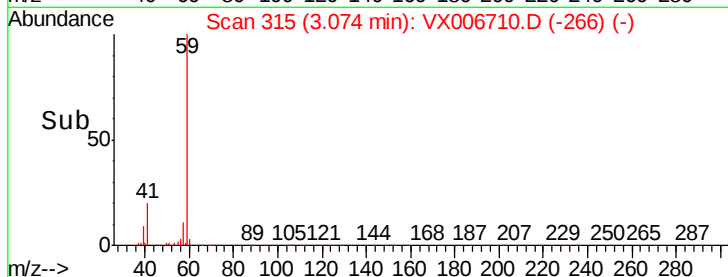
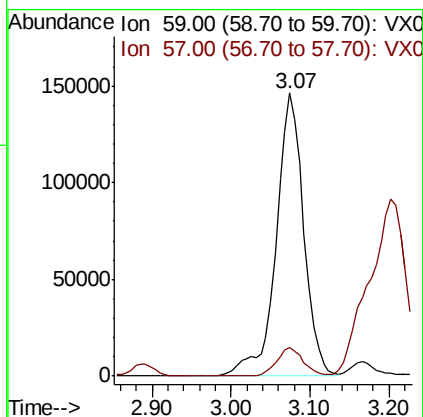
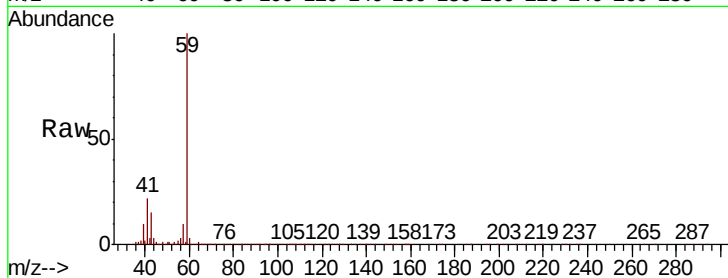




#11
Tert butyl alcohol
Concen: 245.499 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

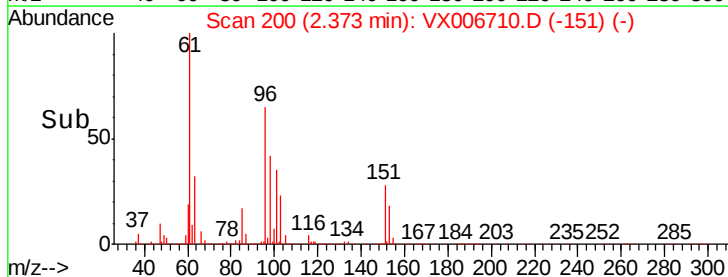
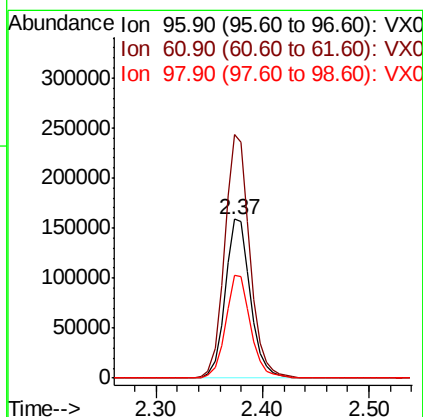
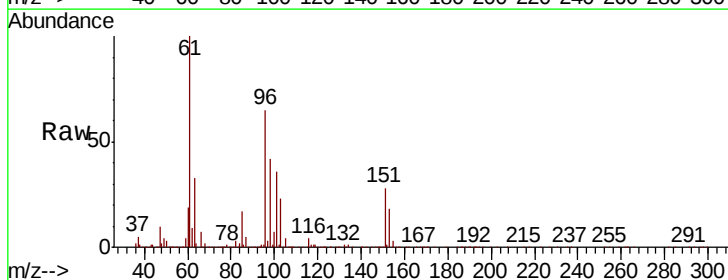
Instrument :
MSVOA_X
ClientSampleId :

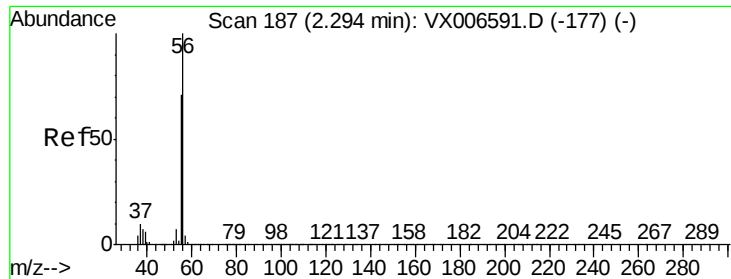
Tot Ion: 59 Resp: 355109
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.690 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 96 Resp: 261619
Ion Ratio Lower Upper
96 100
61 153.6 121.4 182.2
98 64.7 51.9 77.9





#13

Acrolein

Concen: 212.623 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

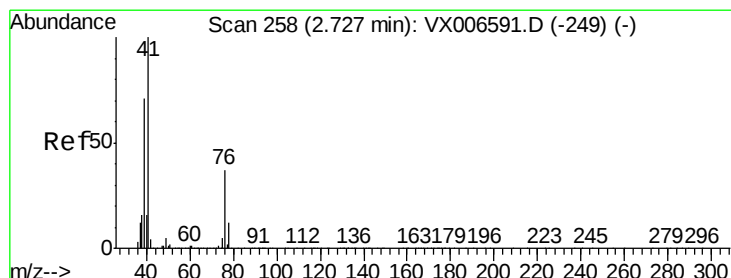
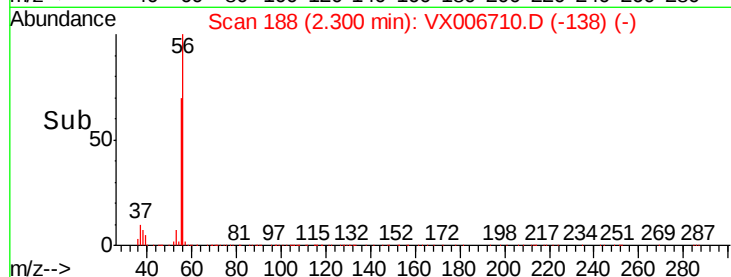
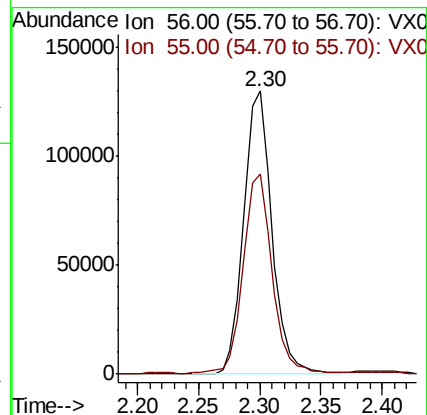
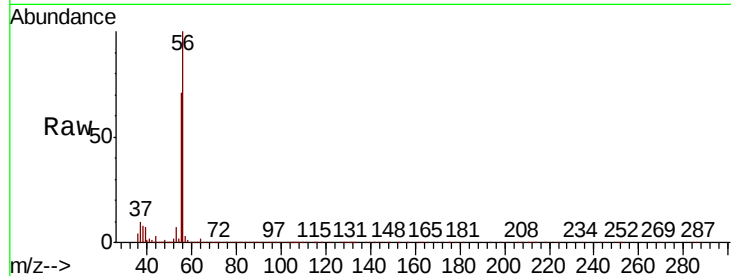
ClientSampled :

Tot Ion: 56 Resp: 207478

Ion Ratio Lower Upper

56 100

55 72.9 58.2 87.4



#14

Allyl chloride

Concen: 48.747 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

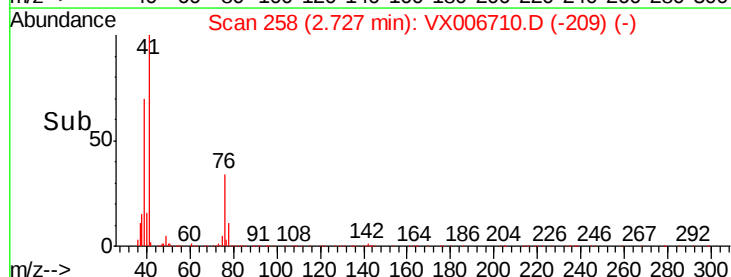
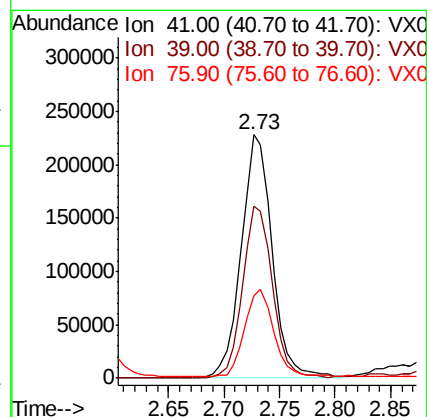
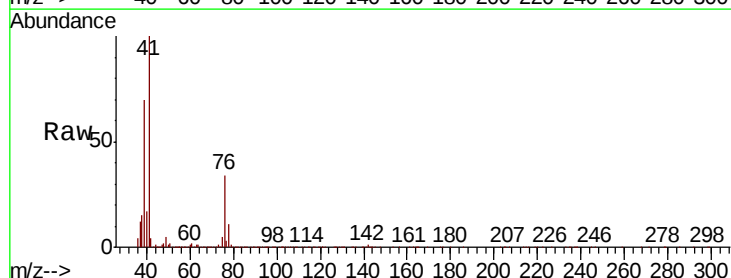
Tgt Ion: 41 Resp: 440882

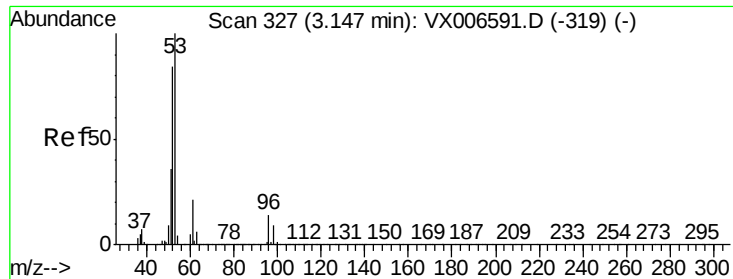
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 34.0 27.4 41.2

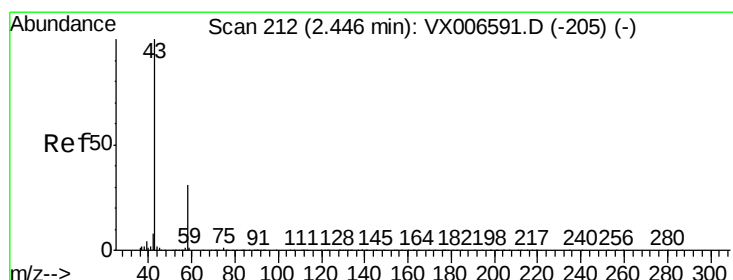
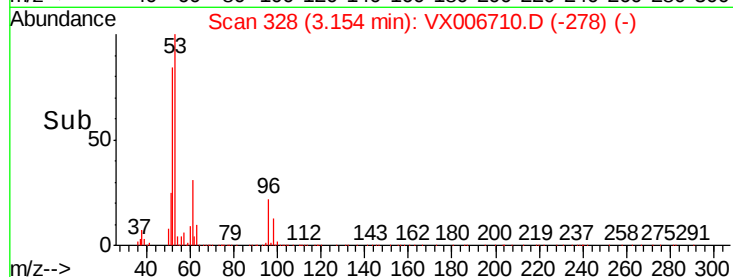
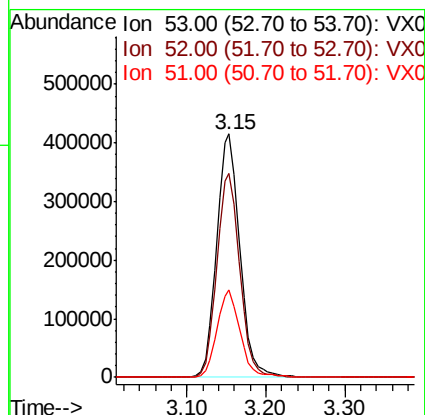
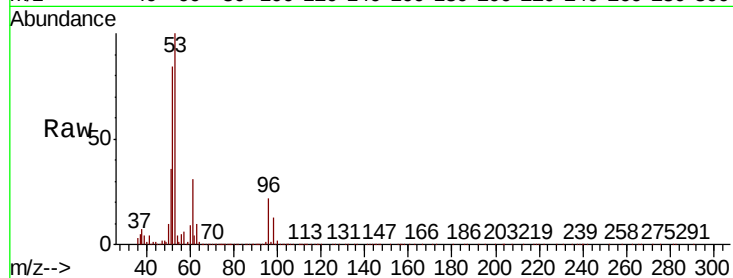




#15
 Acrylonitrile
 Concen: 263.412 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

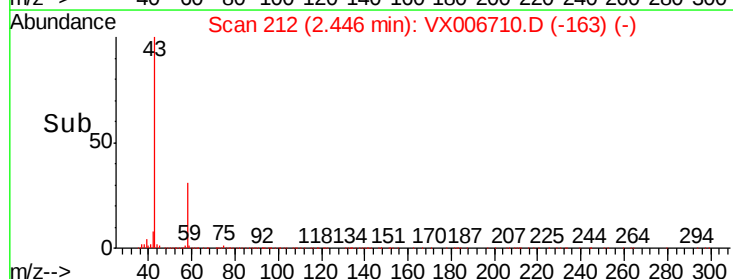
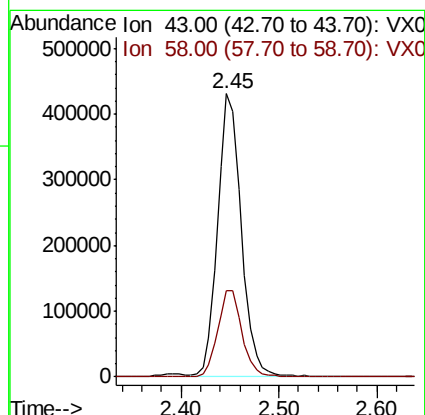
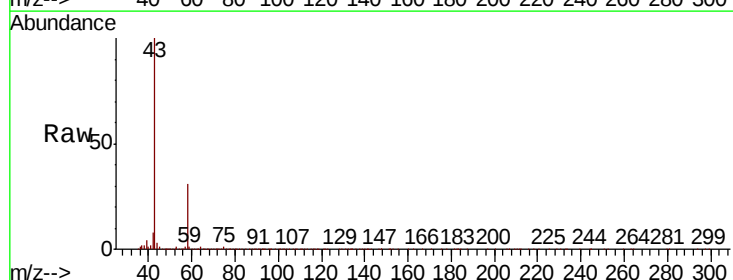
Instrument :
 MSVOA_X
 ClientSampled :

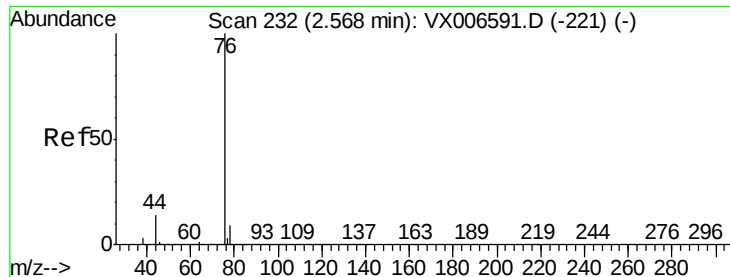
Tot Ion: 53 Resp: 845984
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.0 99.0
 51 35.7 28.6 42.8



#16
 Acetone
 Concen: 241.190 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 43 Resp: 718211
 Ion Ratio Lower Upper
 43 100
 58 30.7 25.0 37.6





#17

Carbon Disulfide

Concen: 45.485 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

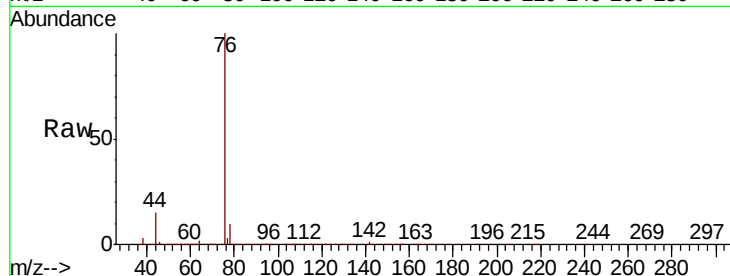
ClientSampleId :

Tot Ion: 76 Resp: 646768

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

400000

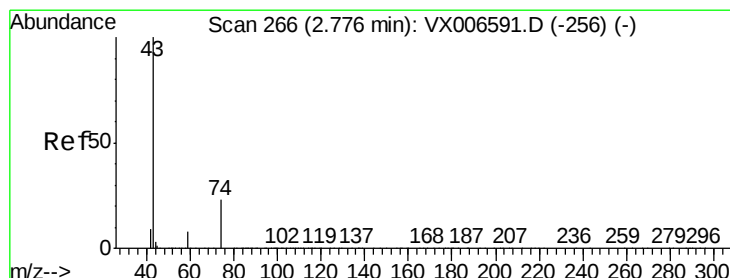
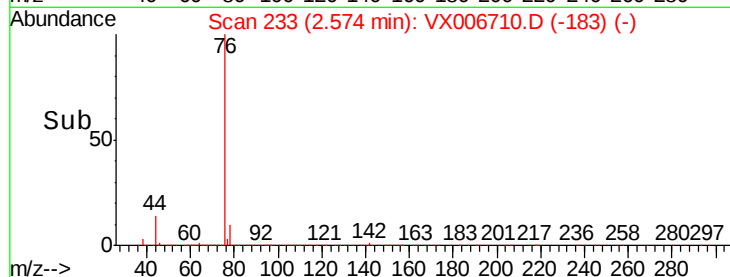
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.469 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006710.D

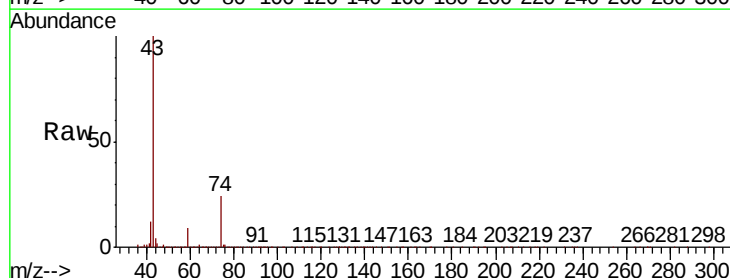
Acq: 21 Dec 2018 07:21

Tgt Ion: 43 Resp: 433155

Ion Ratio Lower Upper

43 100

74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

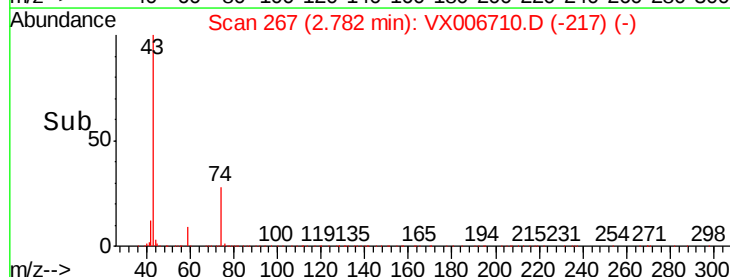
150000

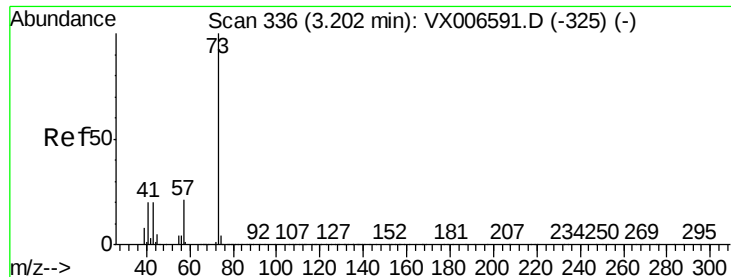
100000

50000

0

Time-->



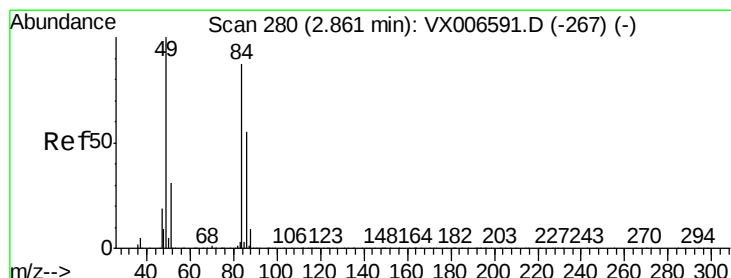
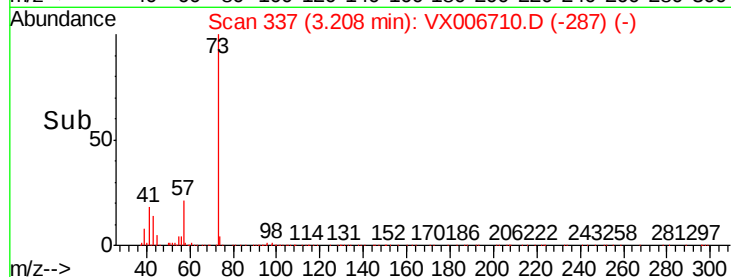
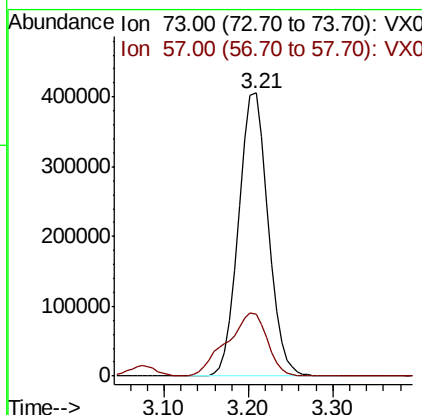
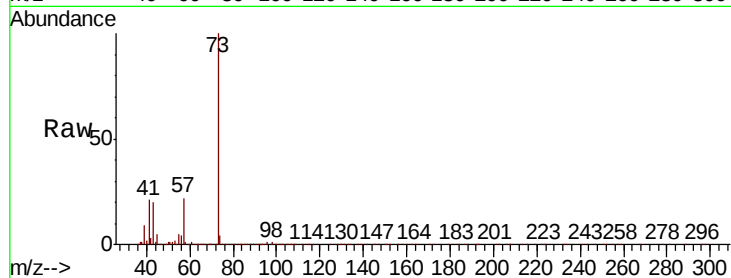


#19

Methyl tert-butyl Ether
 Concen: 53.681 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

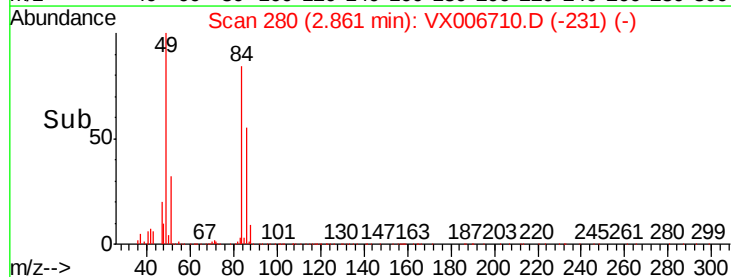
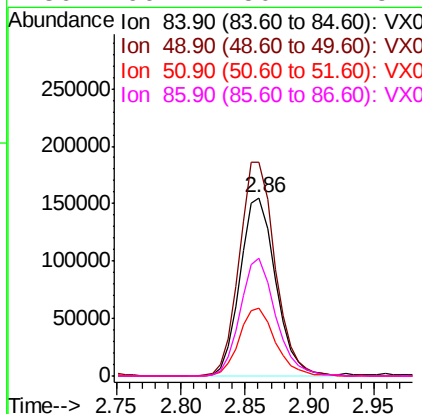
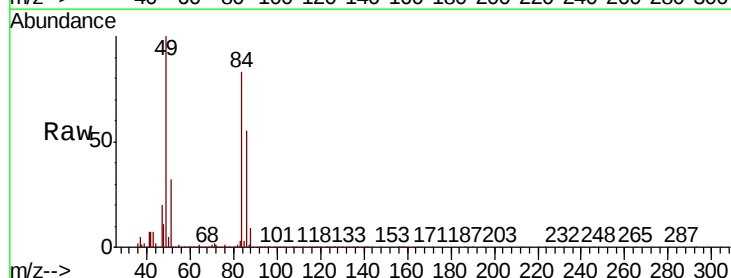
Tot Ion: 73 Resp: 957322
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

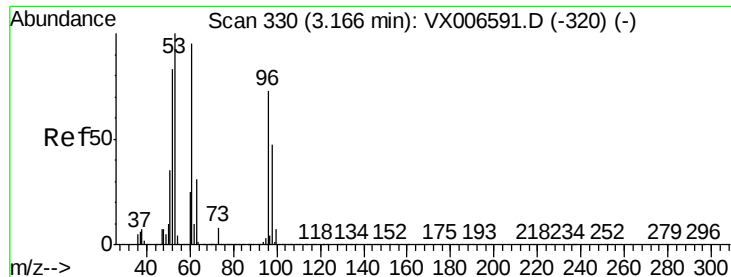


#20

Methylene Chloride
 Concen: 48.358 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 84 Resp: 297767
 Ion Ratio Lower Upper
 84 100
 49 119.7 91.8 137.6
 51 37.7 28.5 42.7
 86 66.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.898 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

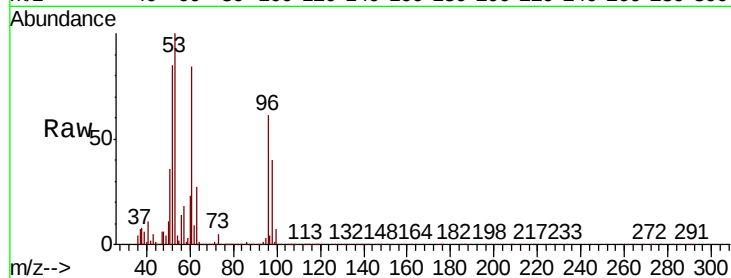
Tot Ion: 96 Resp: 279207

Ion Ratio Lower Upper

96 100

61 137.3 103.7 155.5

98 65.9 51.0 76.6

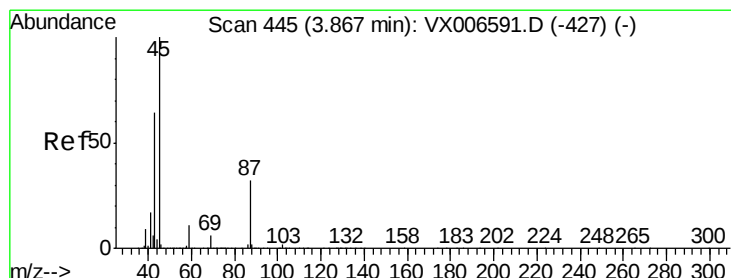
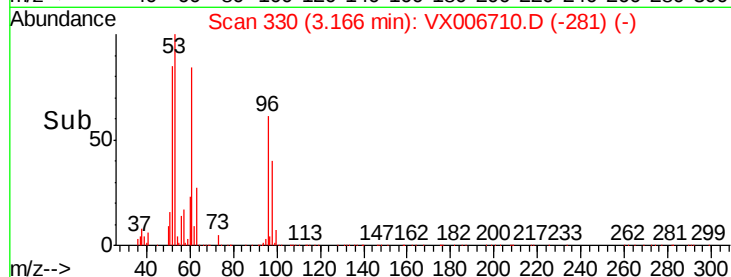
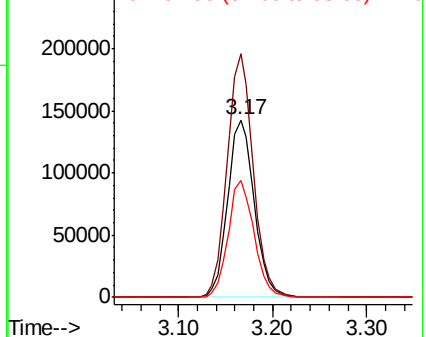


Abundance

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: 51.779 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion: 45 Resp: 856743

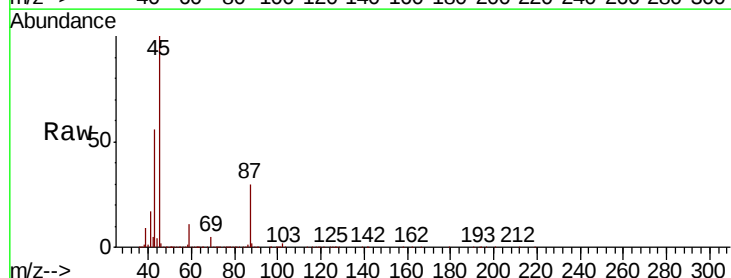
Ion Ratio Lower Upper

45 100

43 56.2 51.2 76.8

87 30.2 25.8 38.6

59 11.3 9.0 13.4



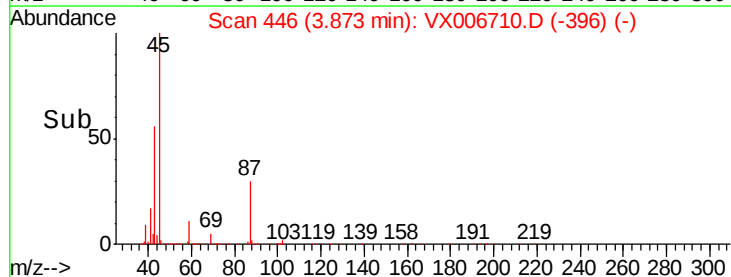
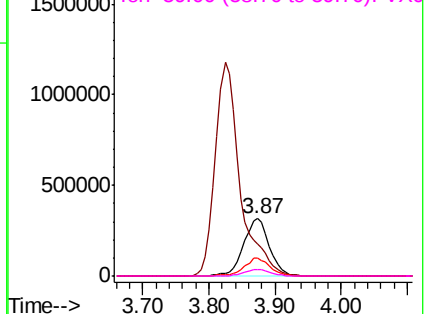
Abundance

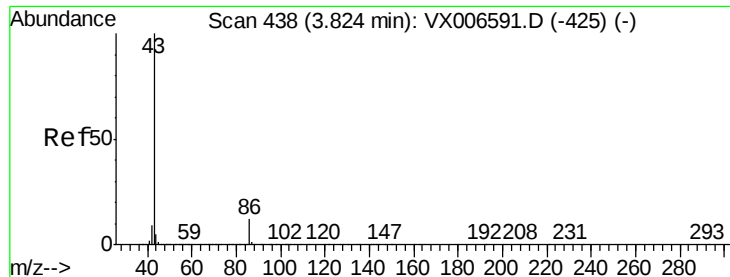
Ion 45.00 (44.70 to 45.70): VX0

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

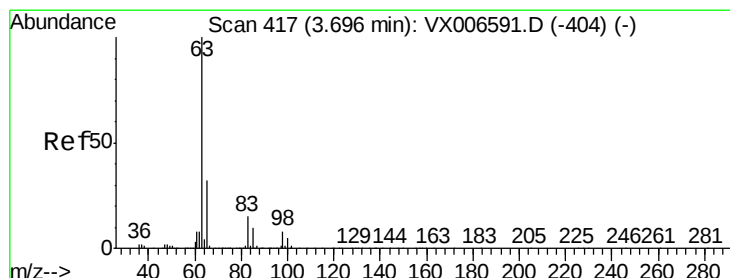
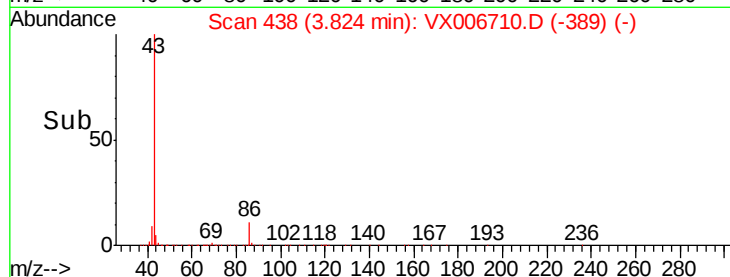
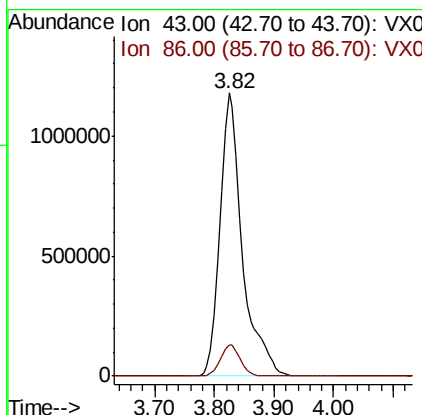
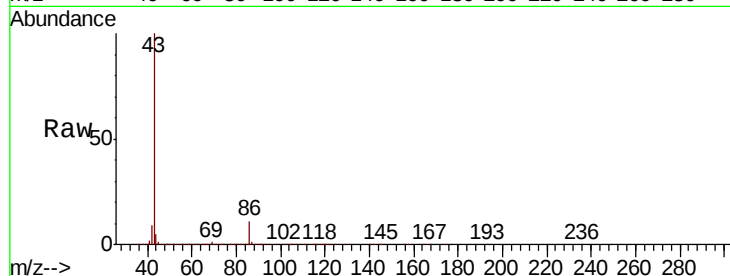




#23
 Vinyl Acetate
 Concen: 227.429 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

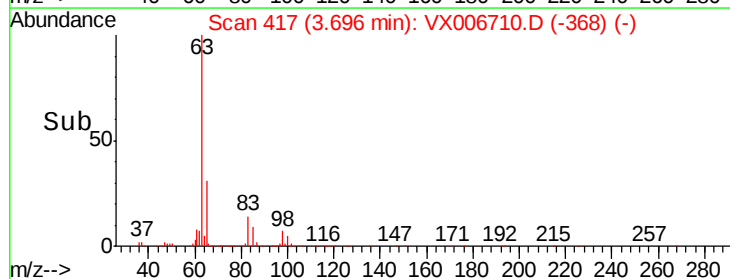
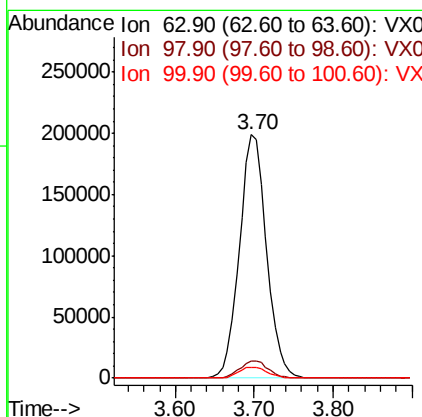
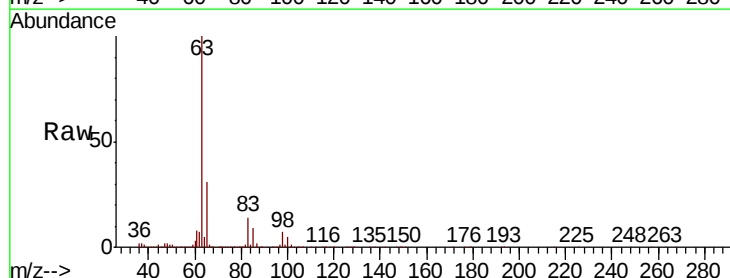
Instrument :
 MSVOA_X
 ClientSampled :

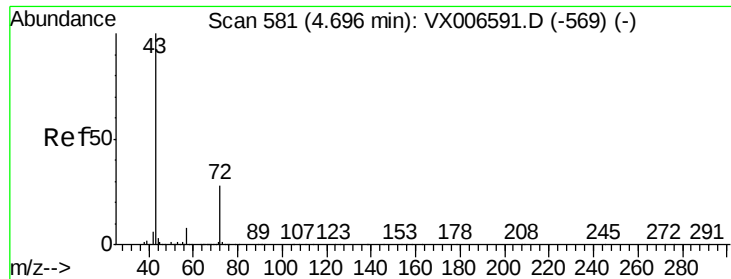
Tot Ion: 43 Resp: 3078057
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 48.174 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 63 Resp: 475827
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.5
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 247.430 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

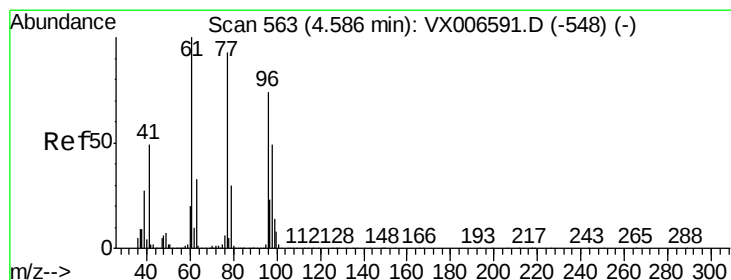
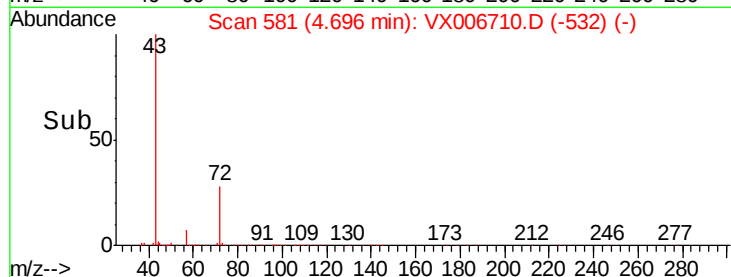
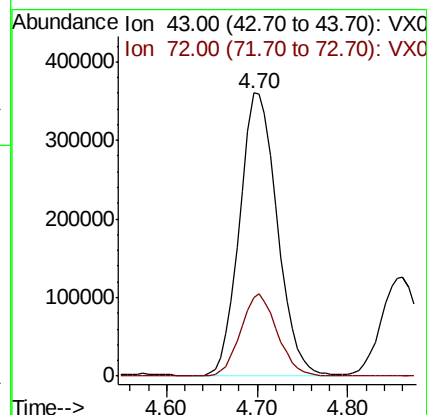
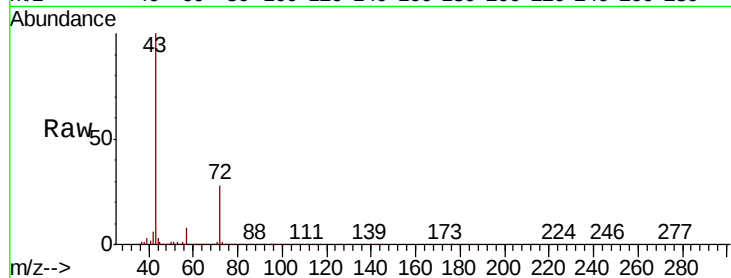
ClientSampleId :

Tot Ion: 43 Resp: 1036387

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 31.433 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006710.D

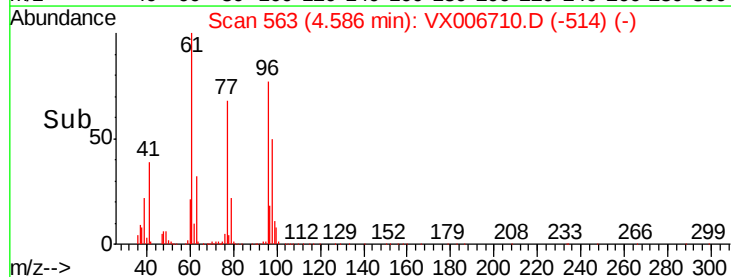
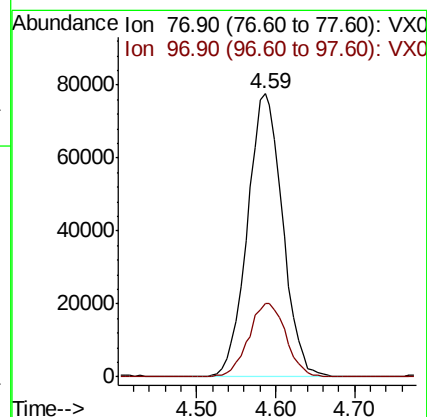
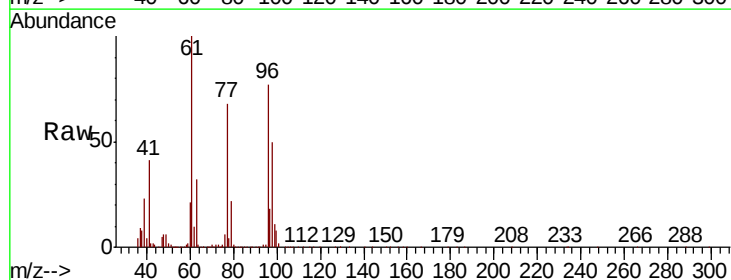
Acq: 21 Dec 2018 07:21

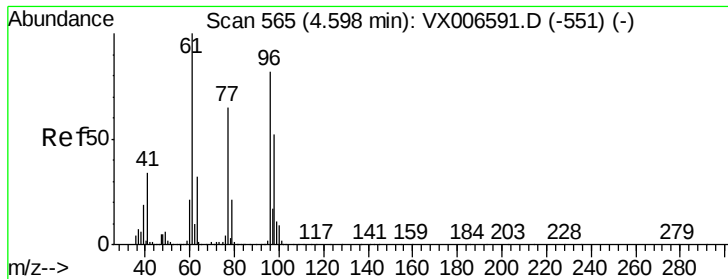
Tgt Ion: 77 Resp: 239829

Ion Ratio Lower Upper

77 100

97 27.5 12.4 37.4



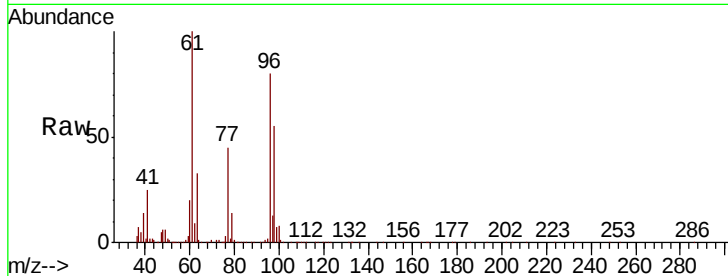


#27

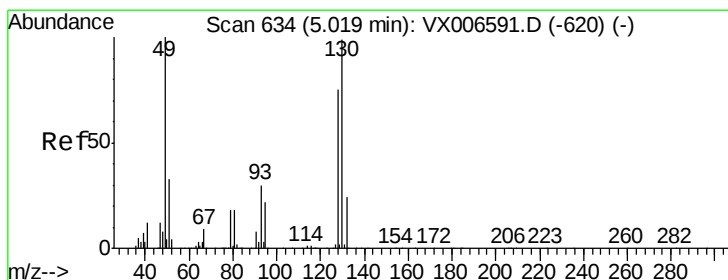
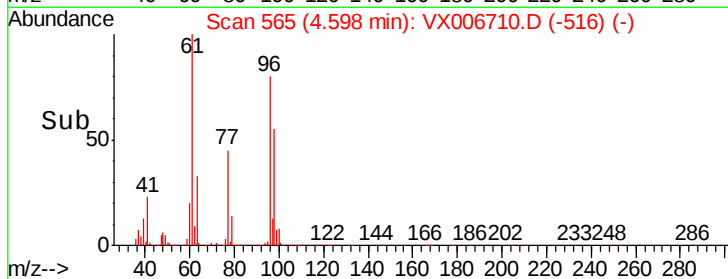
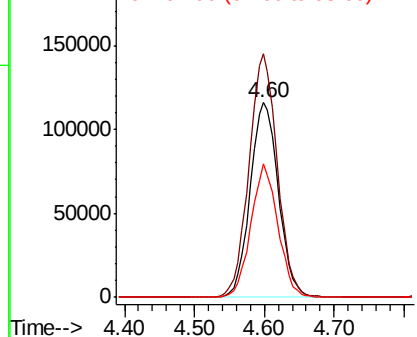
cis-1,2-Dichloroethene
Concen: 49.466 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	258.6
98	65.6	0.0	132.0



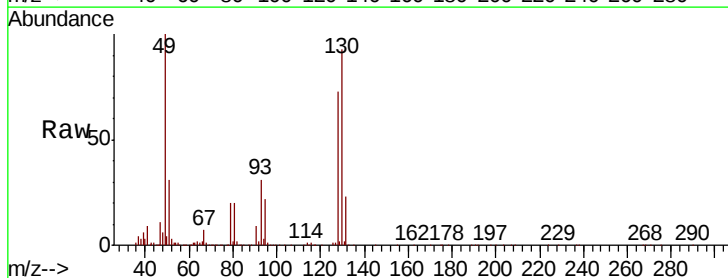
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



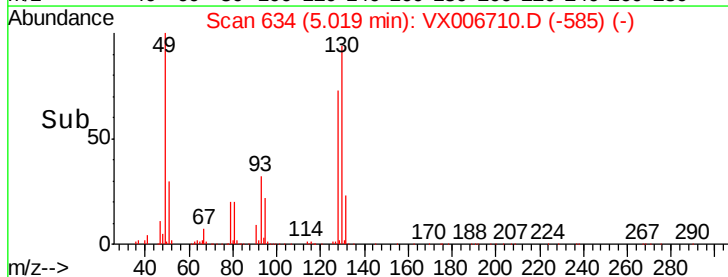
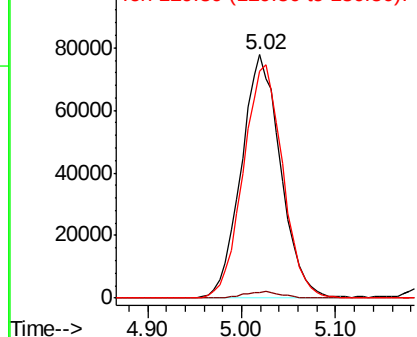
#28

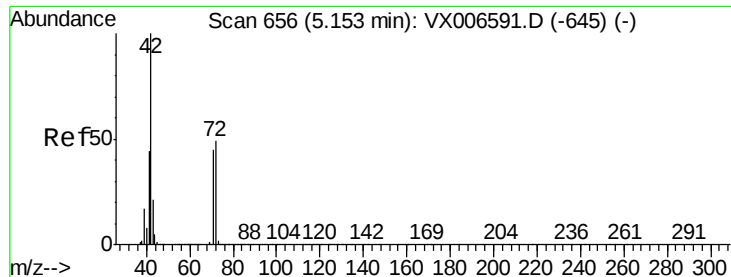
Bromochloromethane
Concen: 54.733 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.7	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.933 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

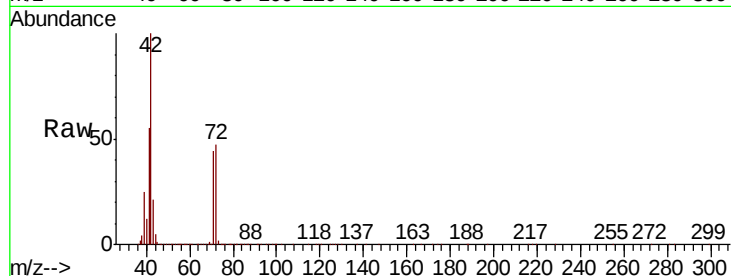
Tot Ion: 42 Resp: 708816

Ion Ratio Lower Upper

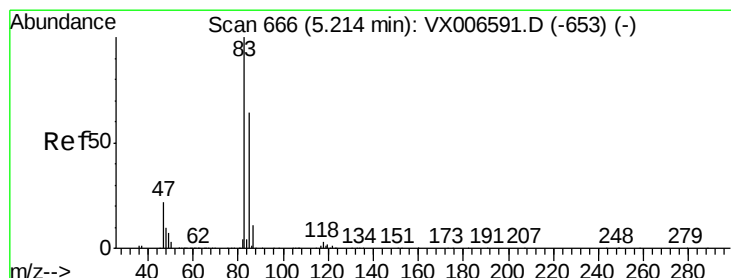
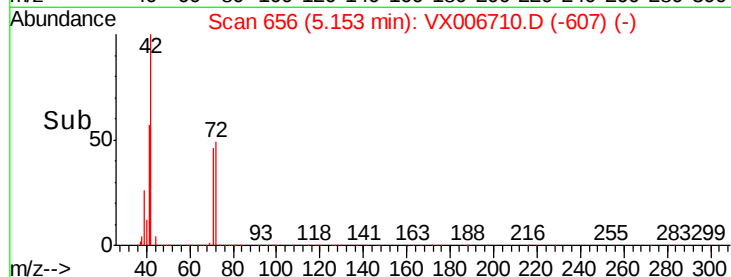
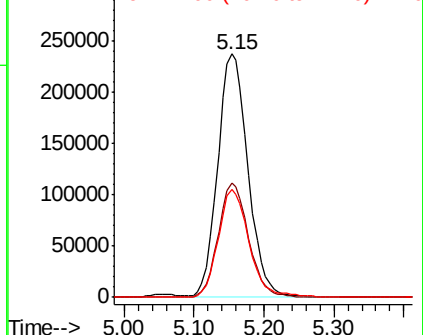
42 100

72 47.1 38.9 58.3

71 45.5 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.440 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006710.D

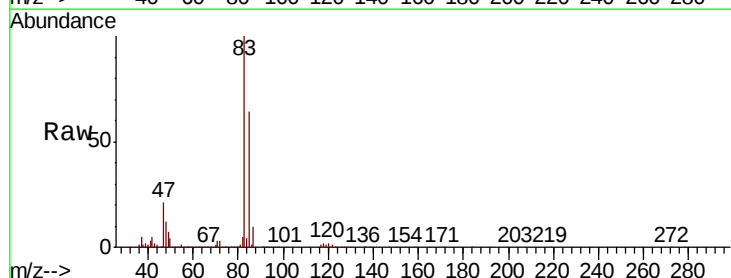
Acq: 21 Dec 2018 07:21

Tgt Ion: 83 Resp: 515919

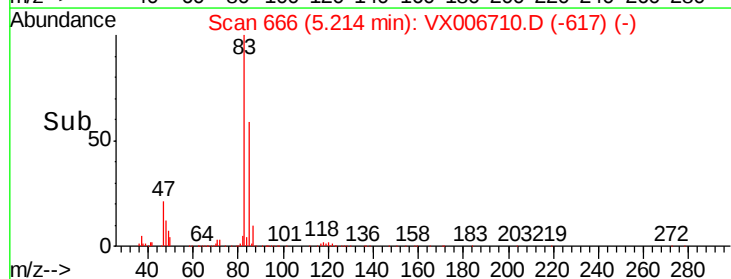
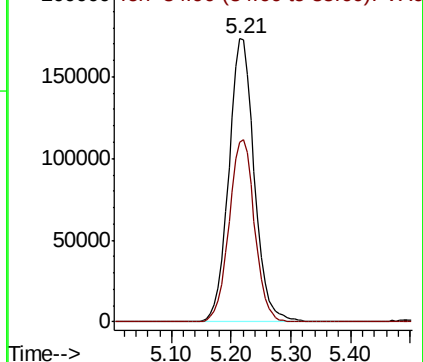
Ion Ratio Lower Upper

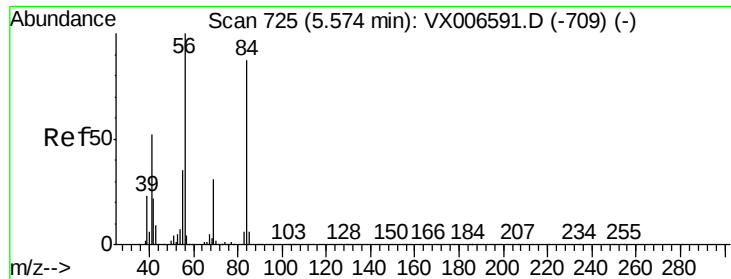
83 100

85 63.6 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.956 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

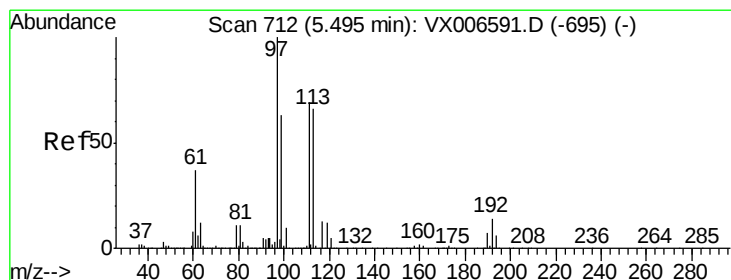
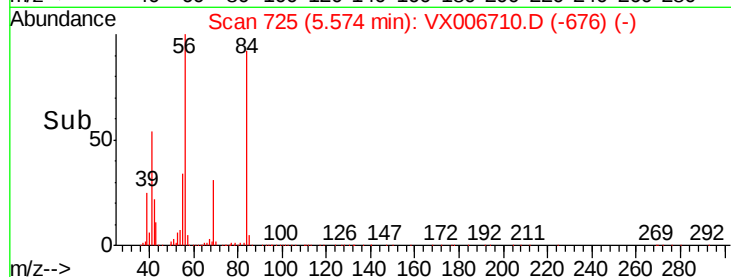
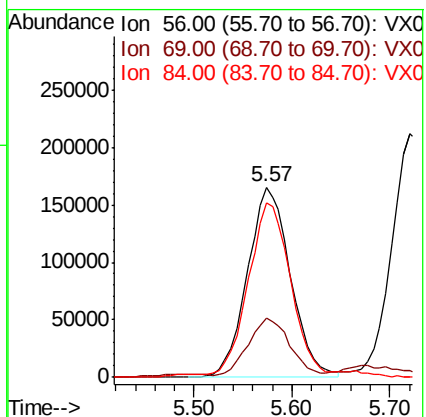
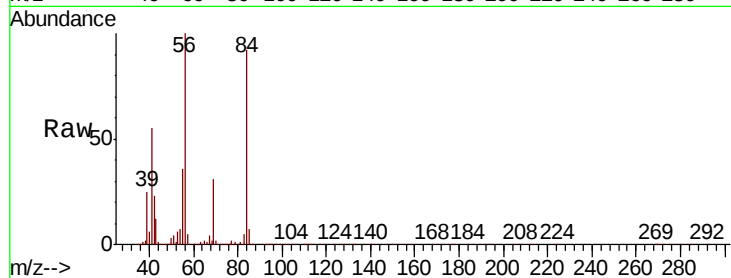
Tot Ion: 56 Resp: 502102

Ion Ratio Lower Upper

56 100

69 29.7 24.4 36.6

84 90.8 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 50.012 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

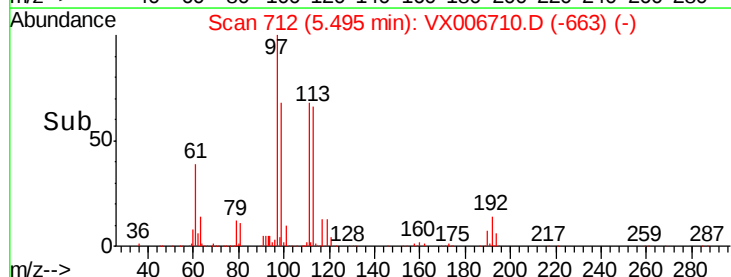
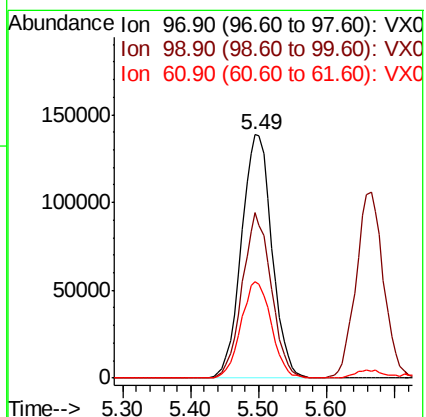
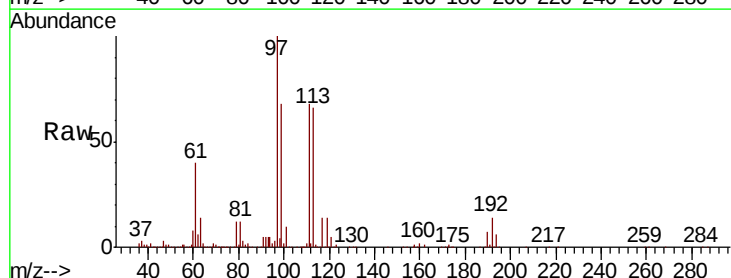
Tgt Ion: 97 Resp: 431941

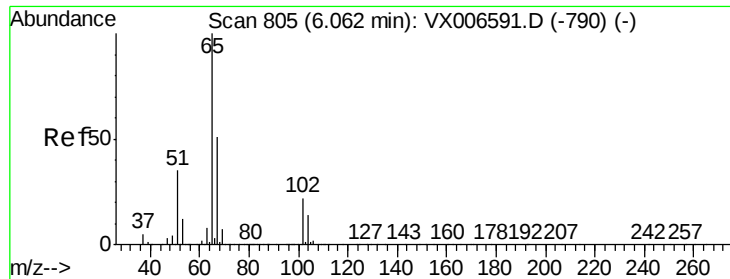
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 39.6 31.3 46.9

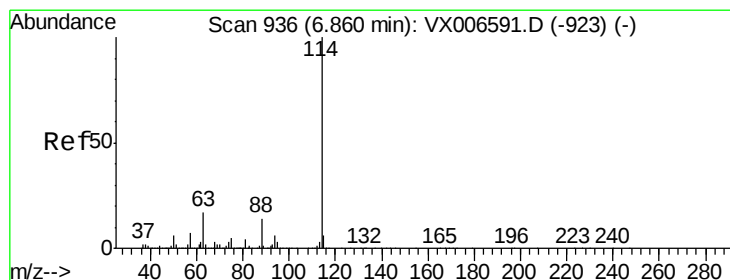
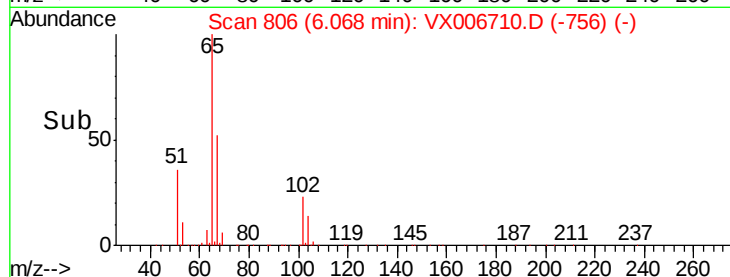
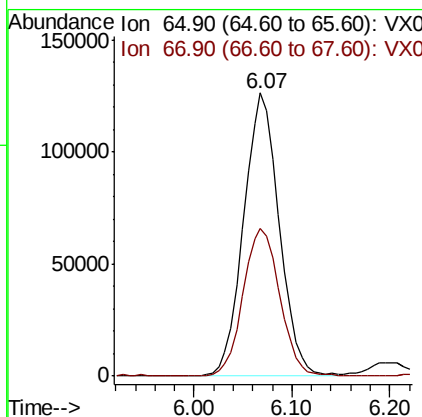
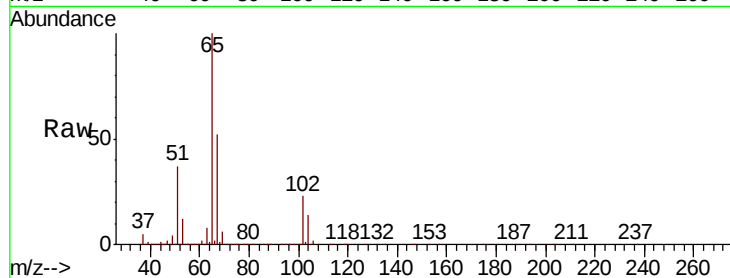




#33
 1,2-Dichloroethane-d4
 Concen: 48.877 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

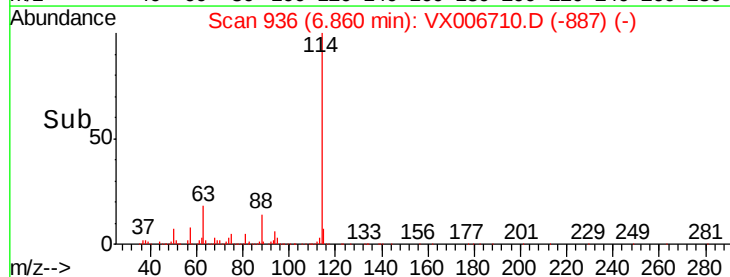
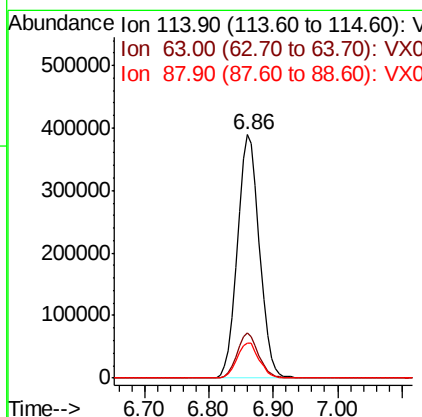
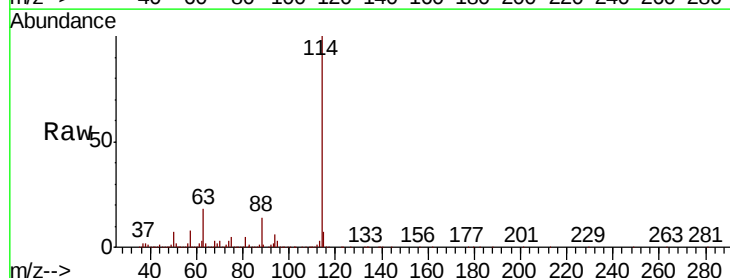
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 316794
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 114 Resp: 920158
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.007 ug/l

RT: 5.50 min Scan# 713

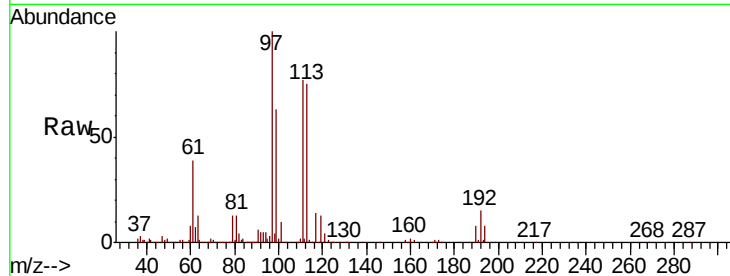
Delta R.T. 0.00 min

Lab File: VX006710.D

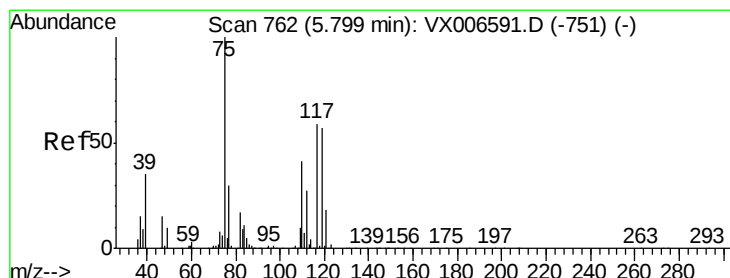
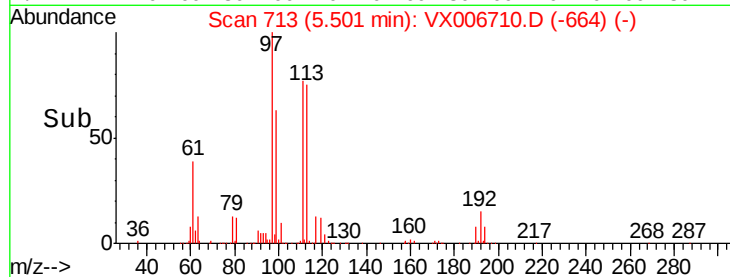
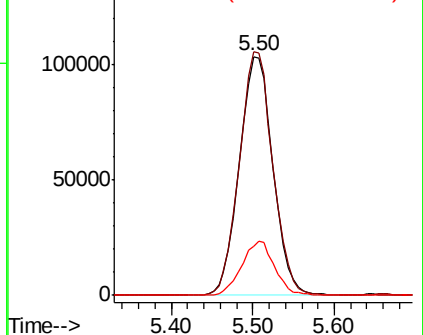
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	22.2	16.7	25.1



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



#36

1,1-Dichloropropene

Concen: 48.700 ug/l

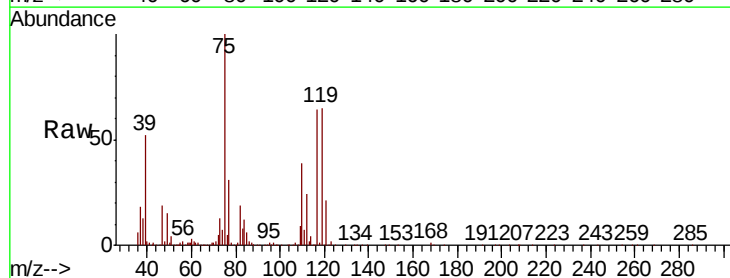
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

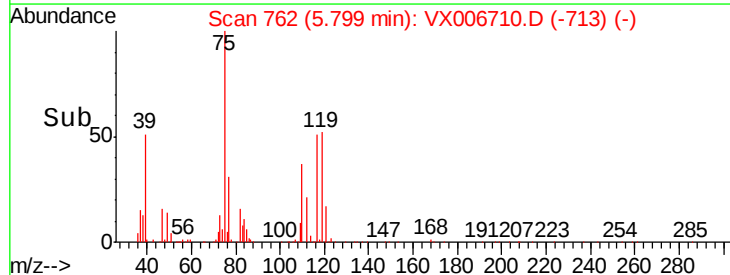
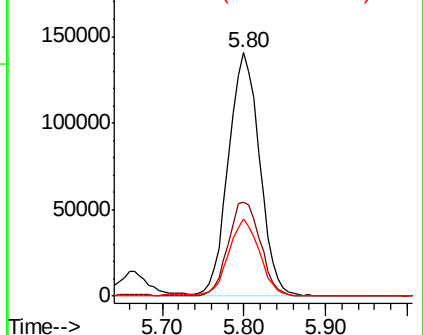
Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.0	20.2	60.5
77	31.8	24.8	37.2



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

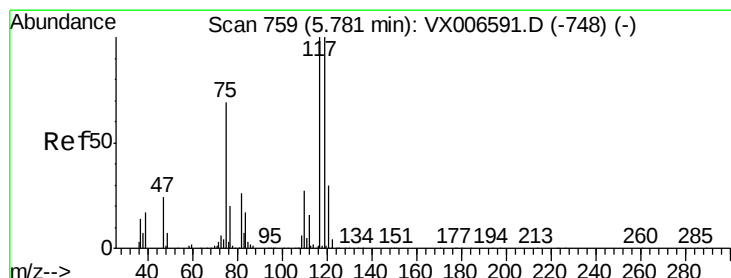
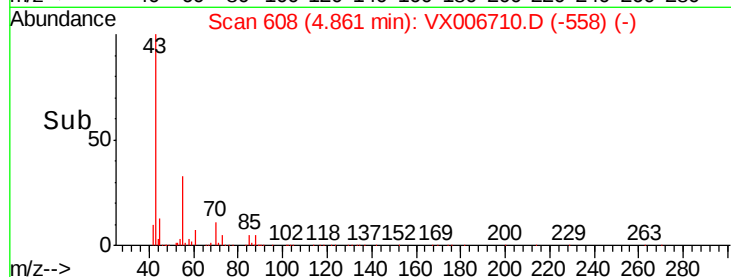
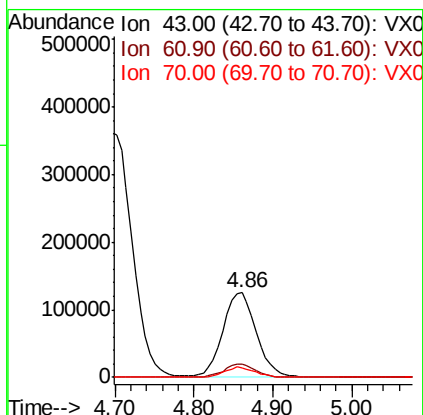
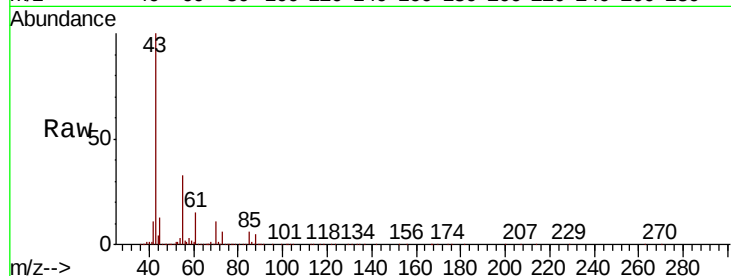




#37
Ethyl Acetate
Concen: 46.536 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

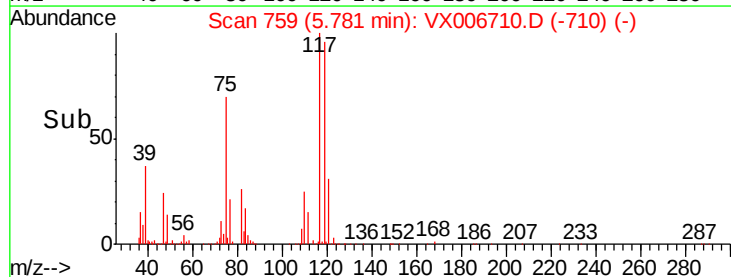
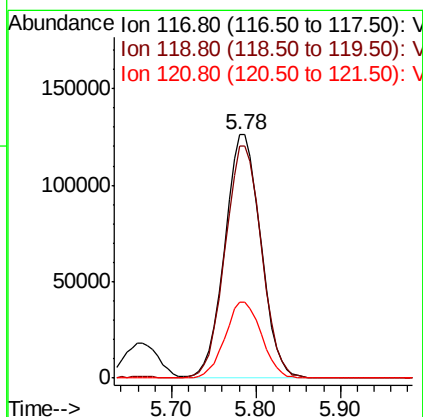
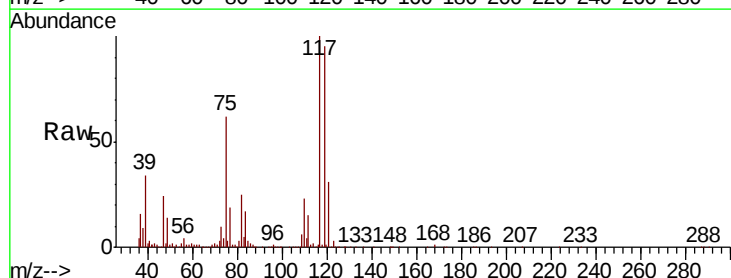
Instrument :
MSVOA_X
ClientSampled :

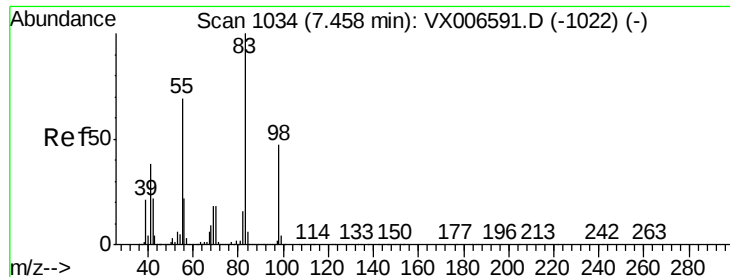
Tot Ion: 43 Resp: 369132
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 49.443 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 117 Resp: 366197
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.2
121 31.2 24.0 36.0

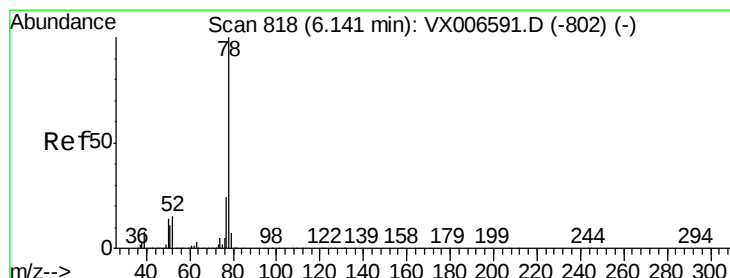
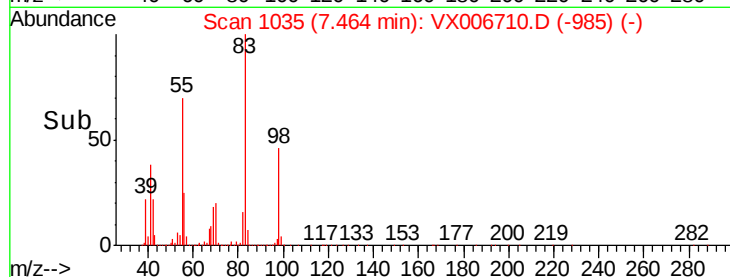
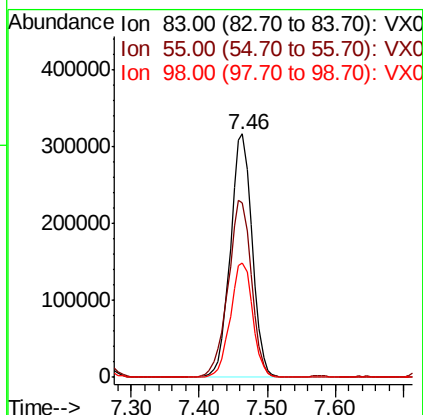
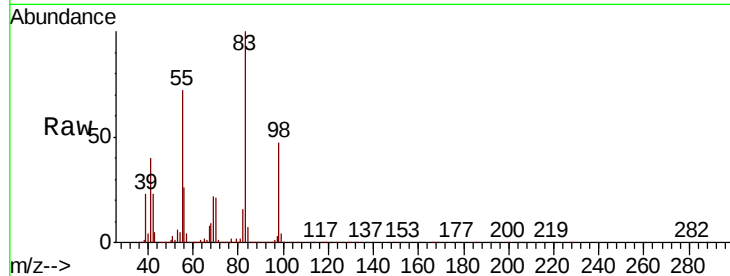




#39
Methvlcvclohexane
Concen: 70.080 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

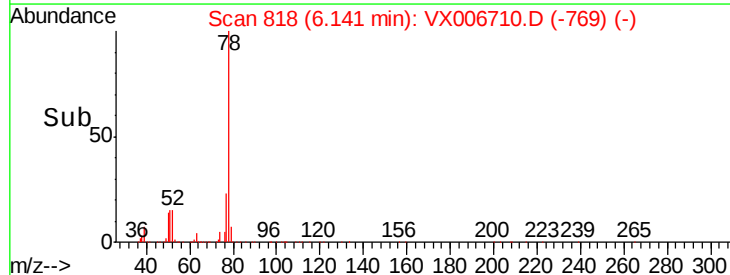
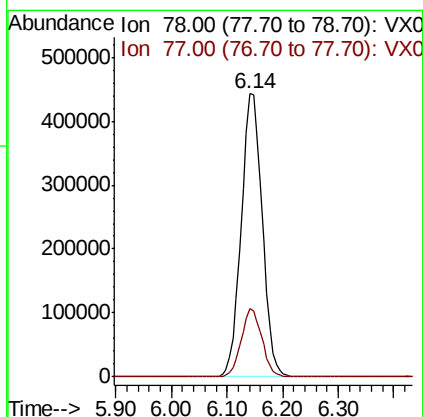
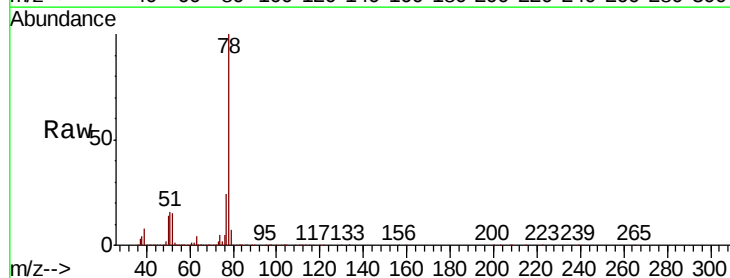
Instrument :
MSVOA_X
ClientSampleId :

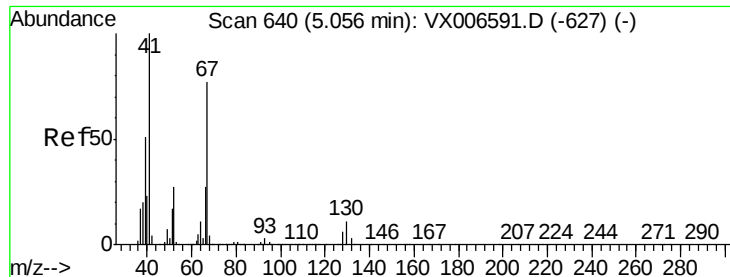
Tot Ion: 83 Resp: 703131
Ion Ratio Lower Upper
83 100
55 71.5 54.9 82.3
98 47.0 37.9 56.9



#40
Benzene
Concen: 50.166 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 78 Resp: 1162123
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 55.308 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

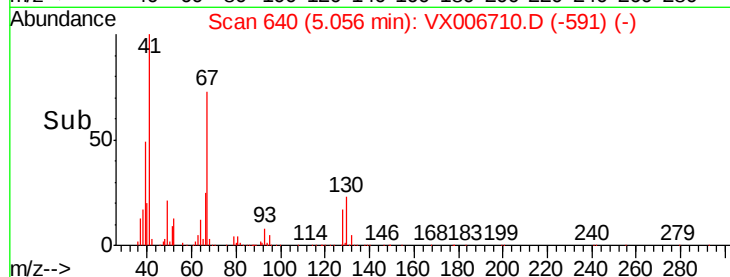
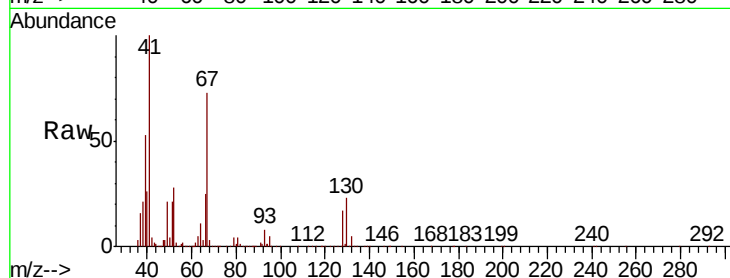
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 232917

Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.8	64.2
67	74.5	62.1	93.1
52	28.9	23.4	35.0

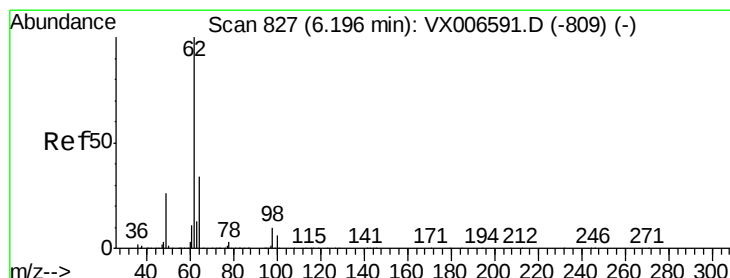


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.652 ug/l

RT: 6.20 min Scan# 827

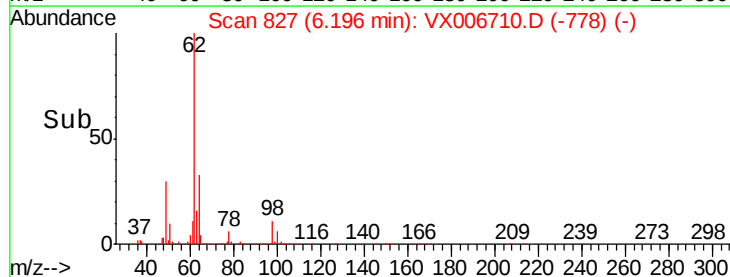
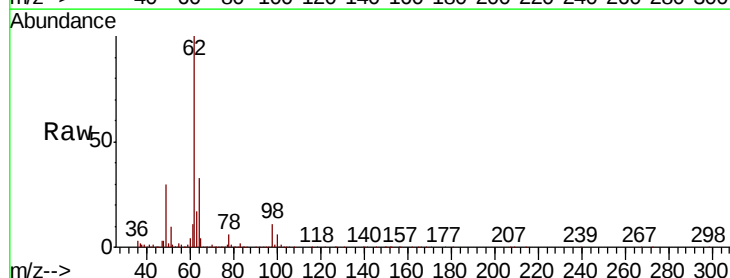
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

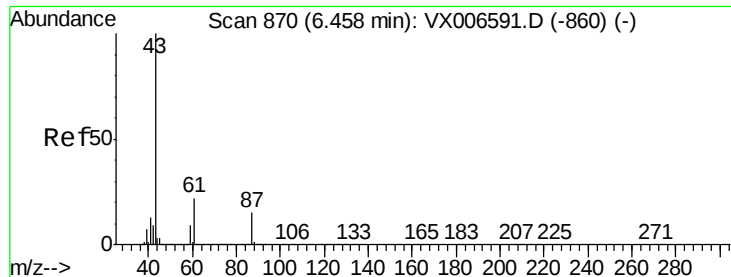
Tgt Ion: 62 Resp: 384050

Ion	Ratio	Lower	Upper
62	100		
98	12.7	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: 51.012 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

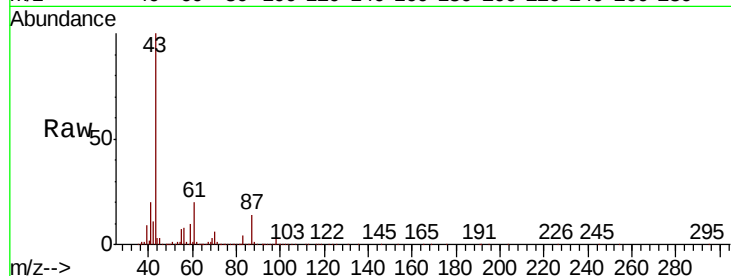
Tot Ion: 43 Resp: 615661

Ion Ratio Lower Upper

43 100

61 20.6 16.8 25.2

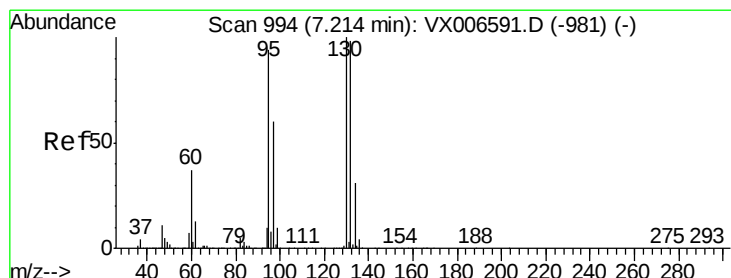
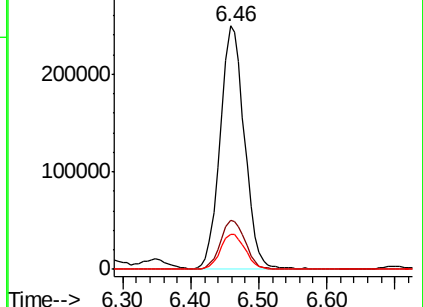
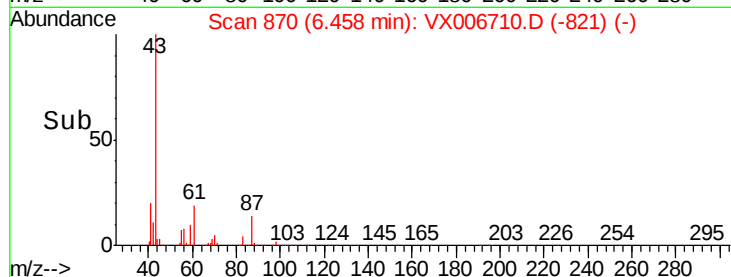
87 14.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006710.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006710.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006710.D (-821) (-)



#44

Trichloroethene

Concen: 47.805 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006710.D

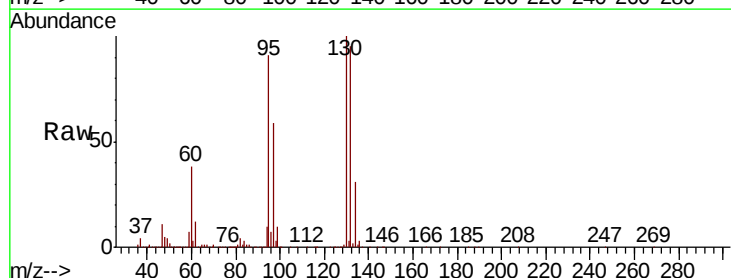
Acq: 21 Dec 2018 07:21

Tgt Ion:130 Resp: 335181

Ion Ratio Lower Upper

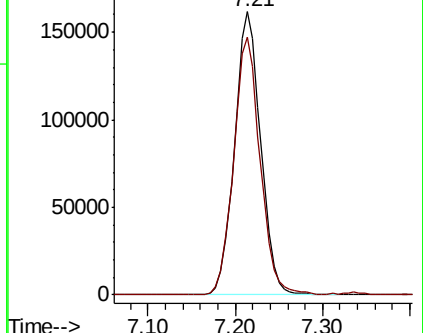
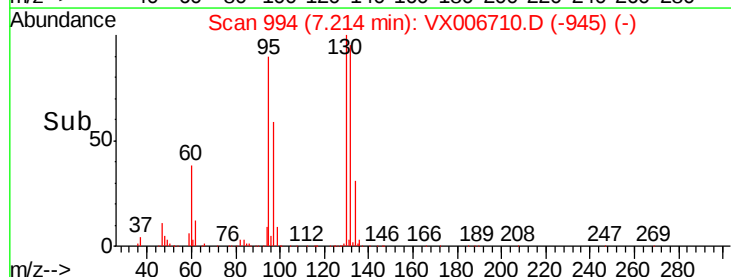
130 100

95 91.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006710.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006710.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 51.396 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

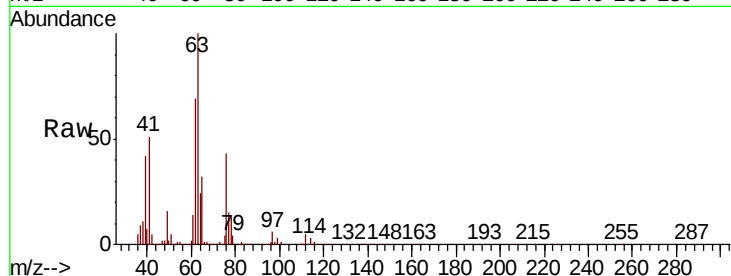
ClientSampleId :

Tot Ion: 63 Resp: 289737

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

150000

100000

50000

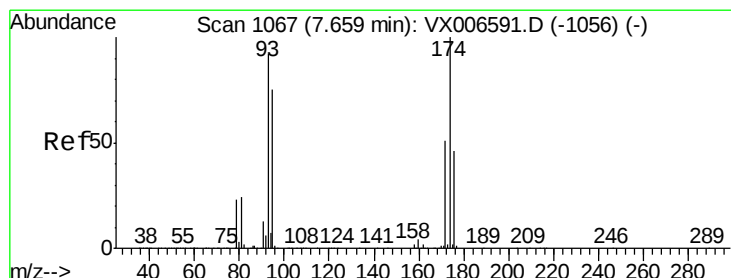
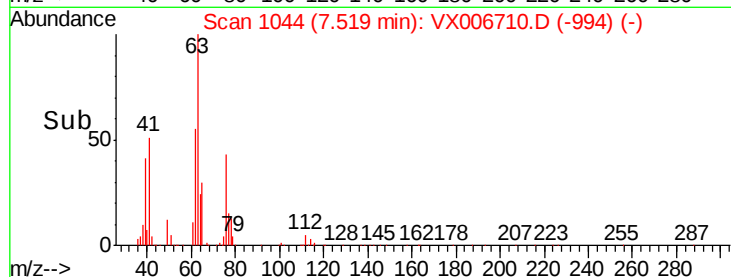
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 49.245 ug/l

RT: 7.67 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

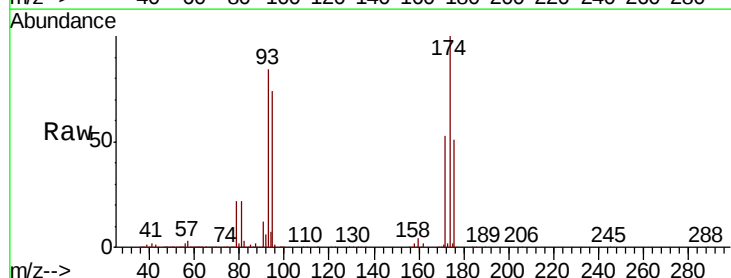
Tgt Ion: 93 Resp: 204196

Ion Ratio Lower Upper

93 100

95 89.3 66.2 99.4

174 119.1 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

150000

100000

50000

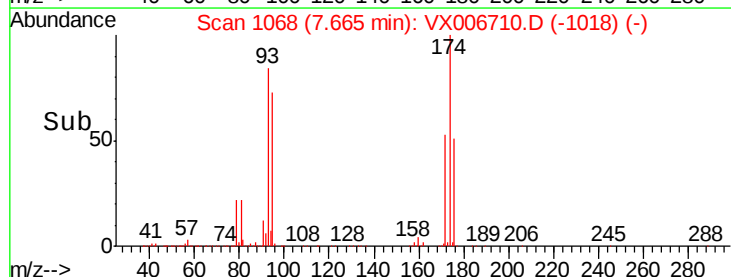
0

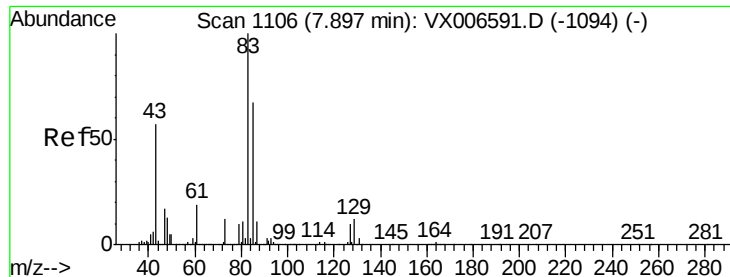
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 50.445 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

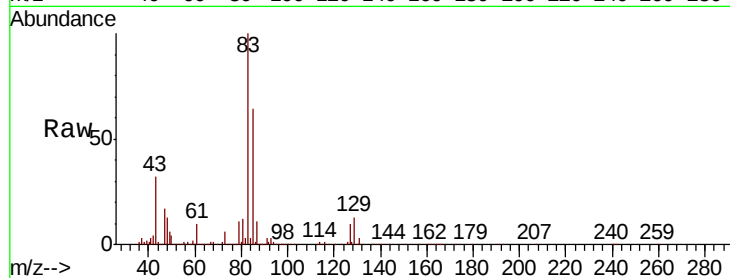
Tot Ion: 83 Resp: 347274

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

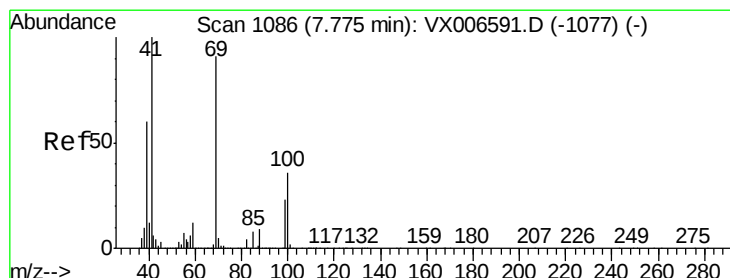
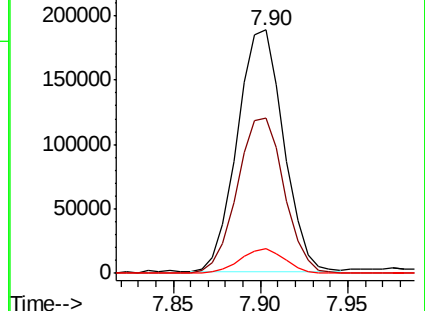
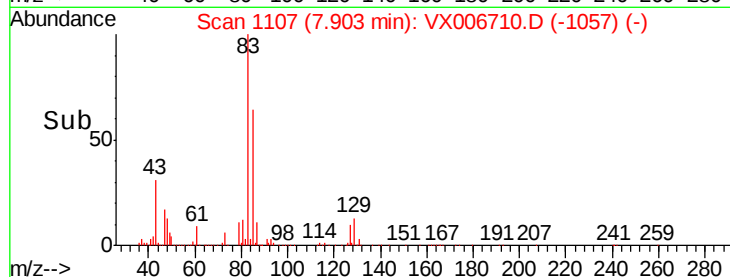
127 10.4 7.8 11.6



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: 54.393 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

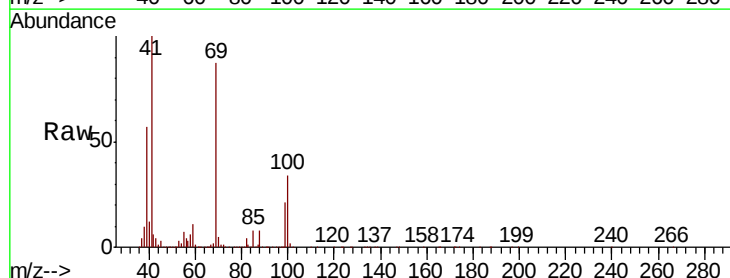
Tgt Ion: 41 Resp: 333836

Ion Ratio Lower Upper

41 100

69 91.0 72.4 108.6

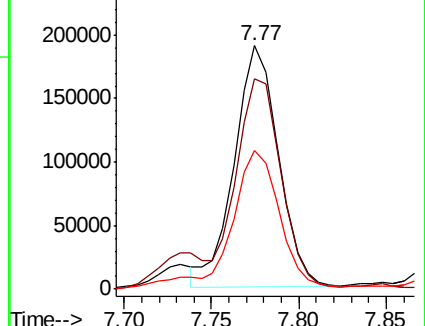
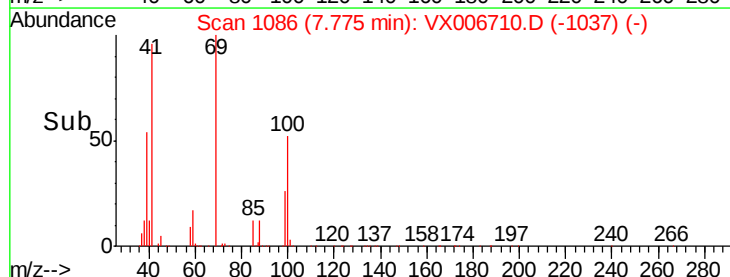
39 62.4 45.8 68.8

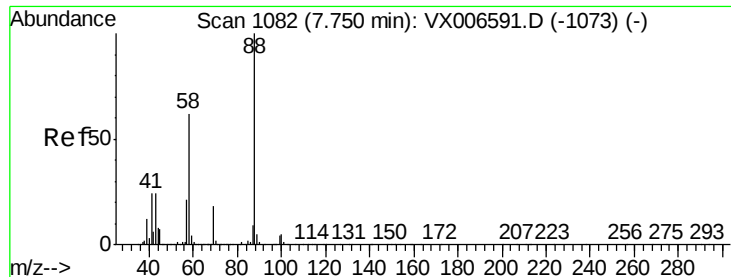


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

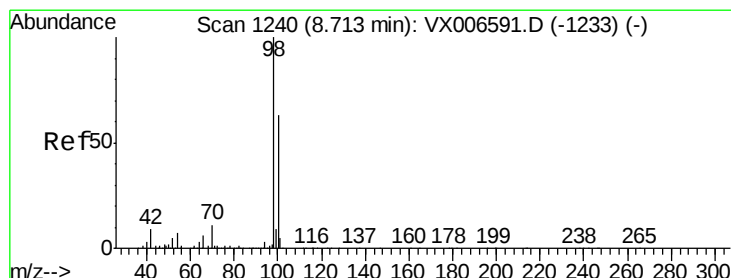
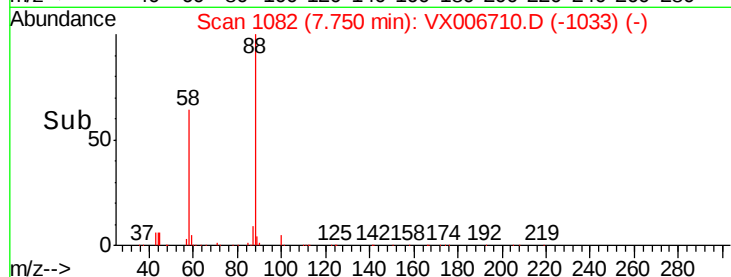
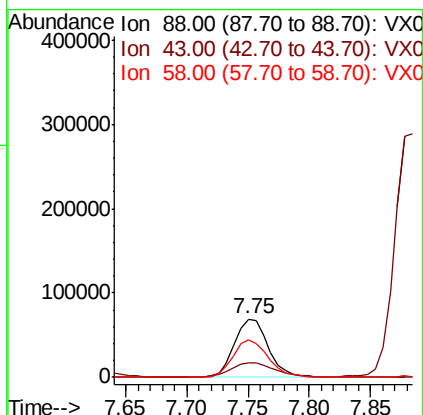
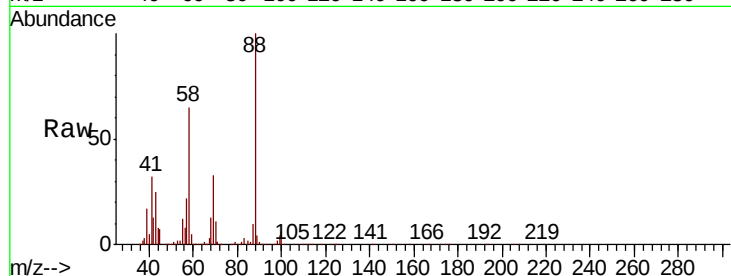




#49
 1,4-Dioxane
 Concen: 825.483 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

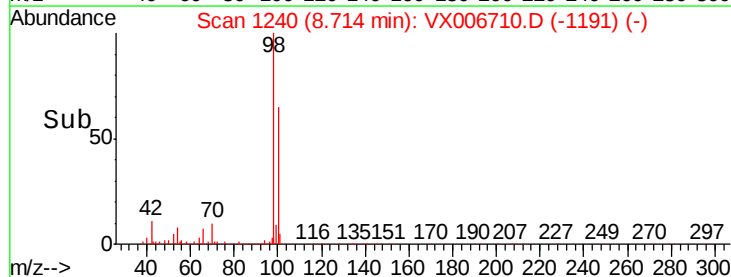
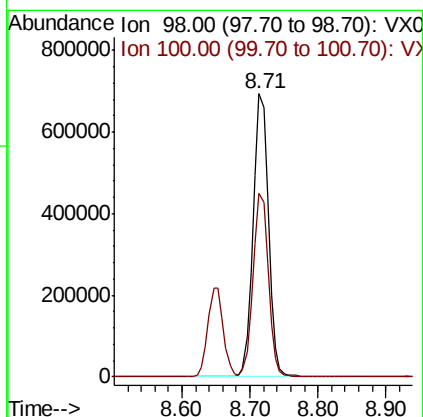
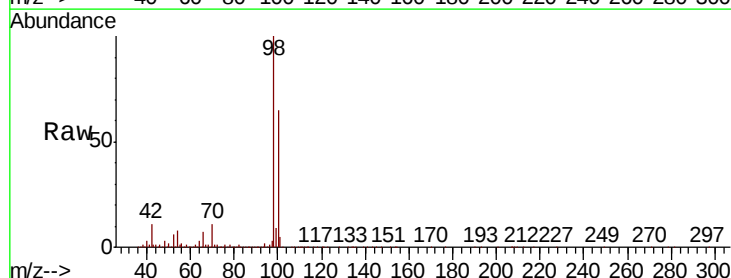
Instrument :
 MSVOA_X
 ClientSampleId :

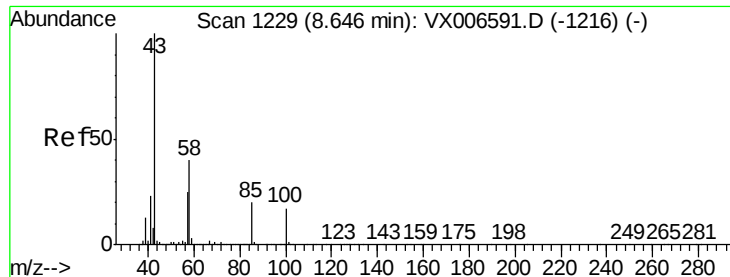
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	22.2	33.4
58	66.3	51.0	76.4



#50
 Toluene-d8
 Concen: 50.017 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 271.175 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

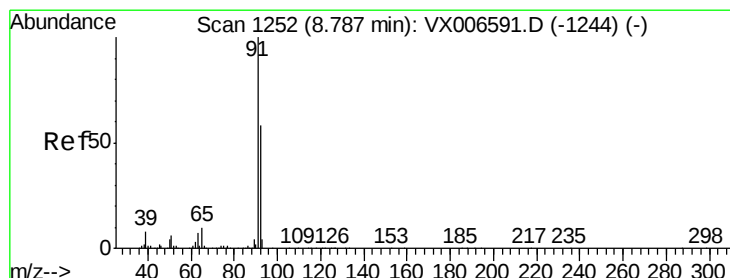
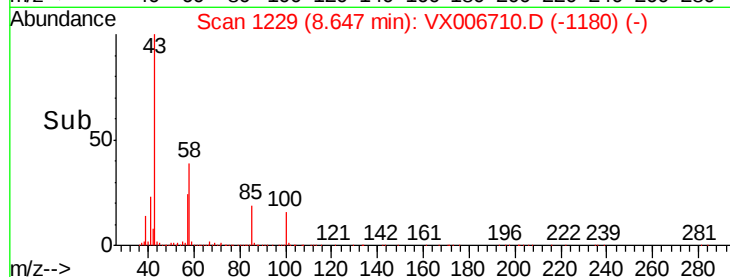
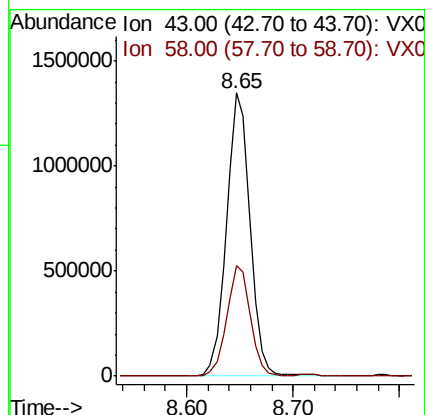
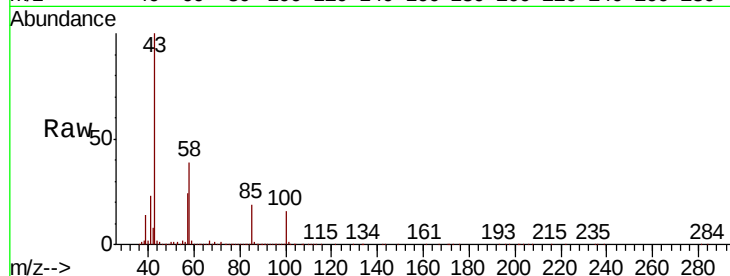
ClientSampled :

Tot Ion: 43 Resp: 2082399

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



#52

Toluene

Concen: 50.484 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006710.D

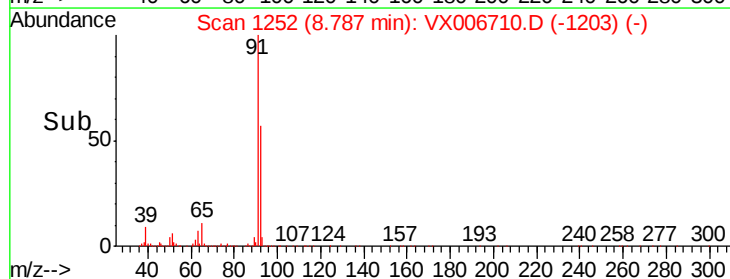
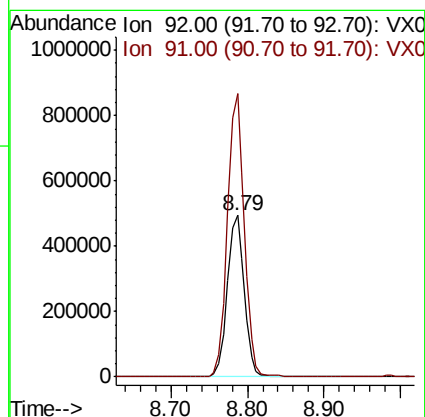
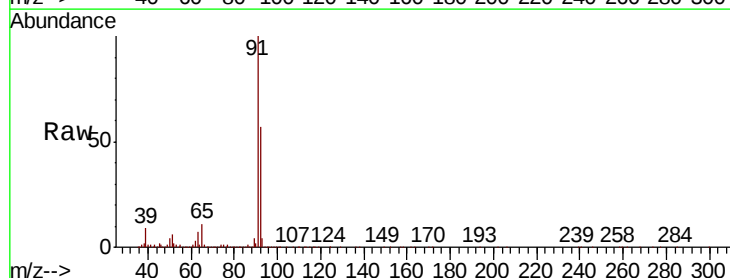
Acq: 21 Dec 2018 07:21

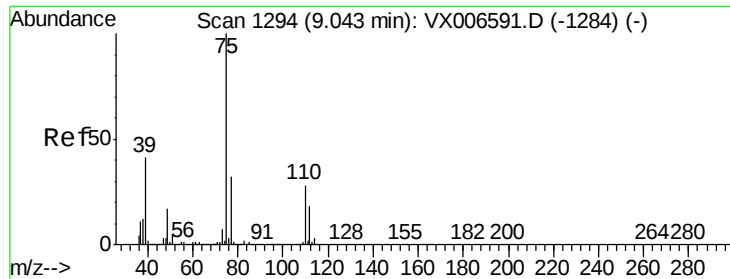
Tgt Ion: 92 Resp: 755529

Ion Ratio Lower Upper

92 100

91 174.1 137.6 206.4

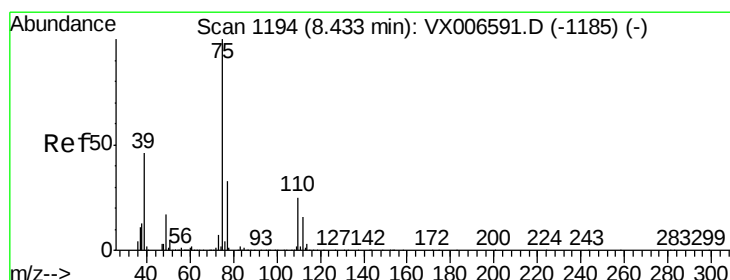
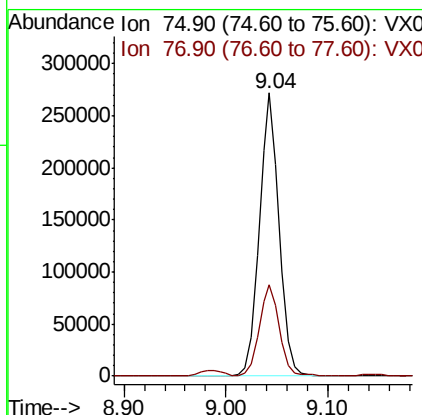
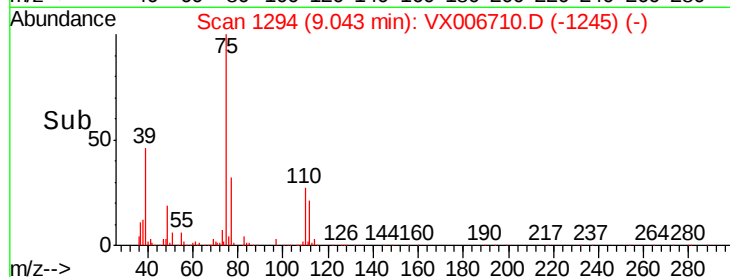
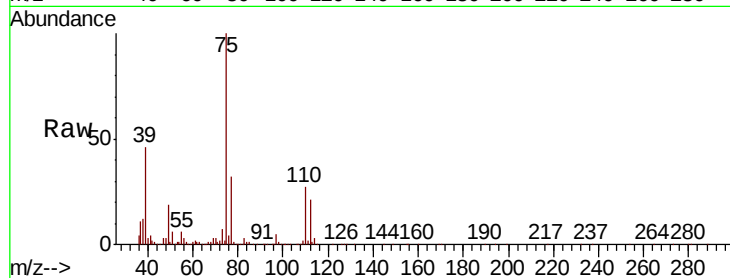




#53
 t-1,3-Dichloropropene
 Concen: 49.833 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

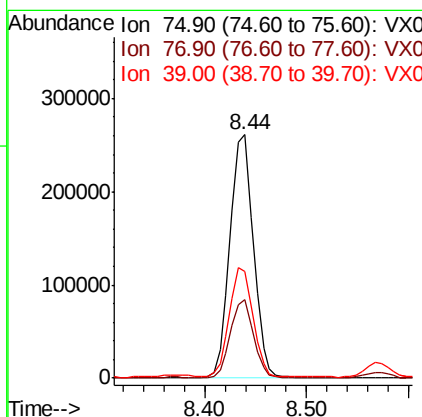
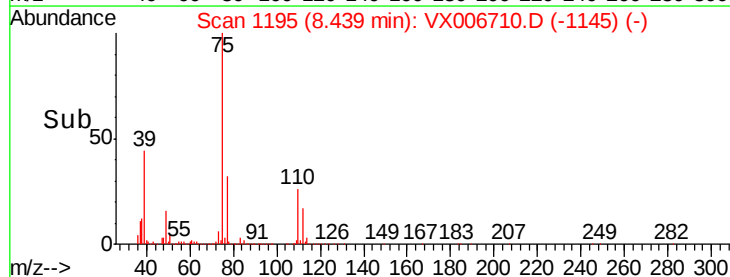
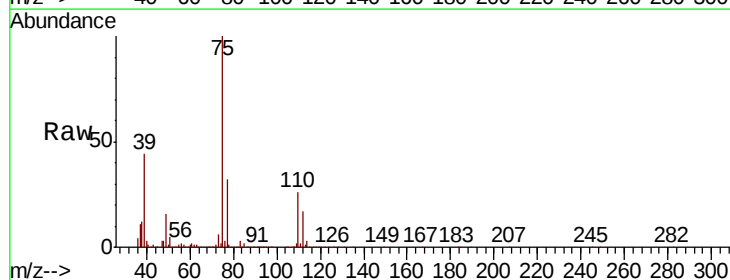
Instrument :
 MSVOA_X
 ClientSampleId :

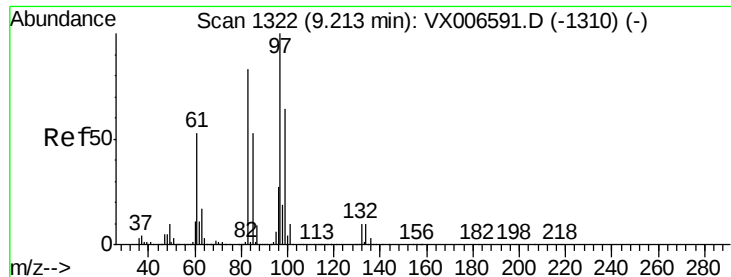
Tot Ion: 75 Resp: 367928
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.336 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion: 75 Resp: 415884
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.2
 39 43.6 36.7 55.1

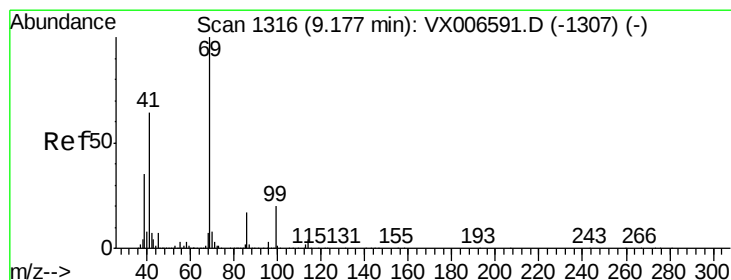
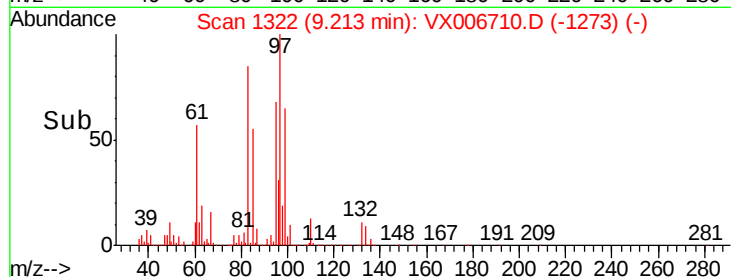
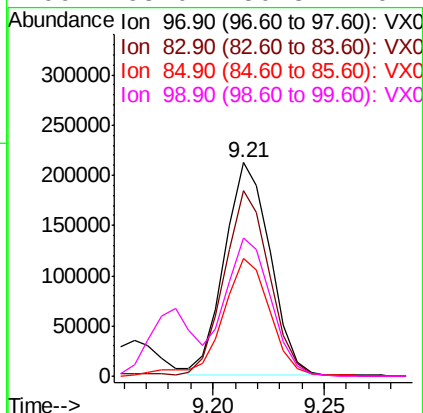
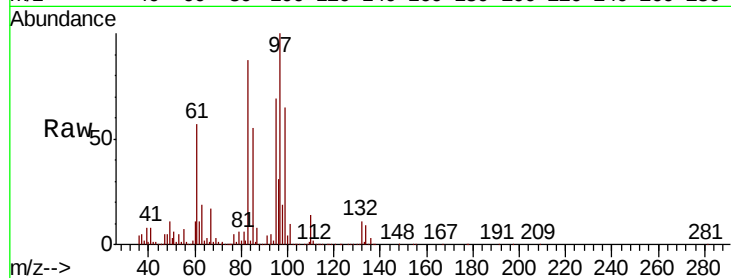




#55
 1,1,2-Trichloroethane
 Concen: 49.111 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

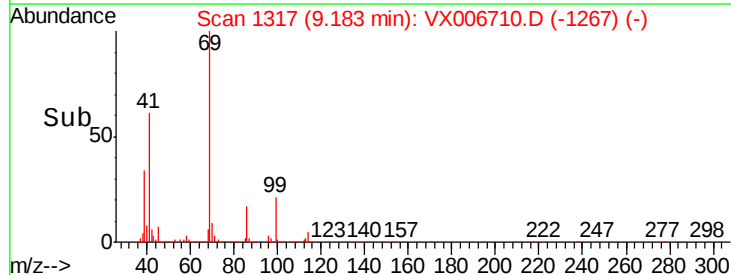
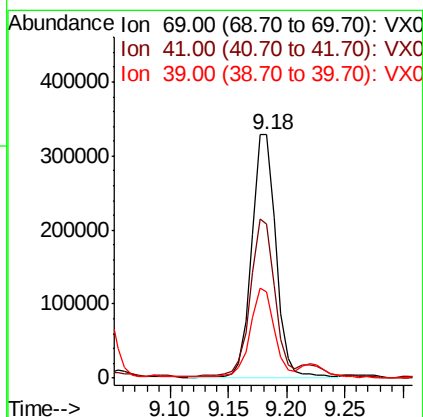
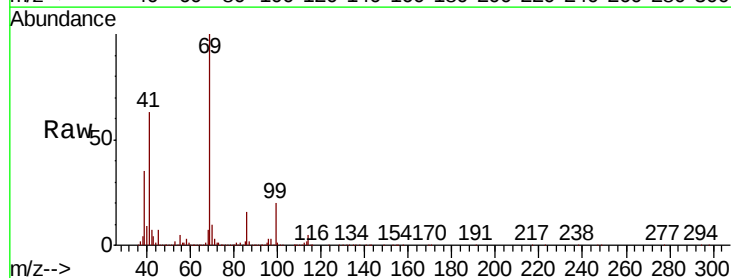
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	300842
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.6	99.8
85	55.2	42.7	64.1
99	65.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 55.561 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion:	69	Resp:	481049
Ion	Ratio	Lower	Upper
69	100		
41	65.9	48.7	73.1
39	37.1	27.0	40.6





#57

1,3-Dichloropropane

Concen: 50.967 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

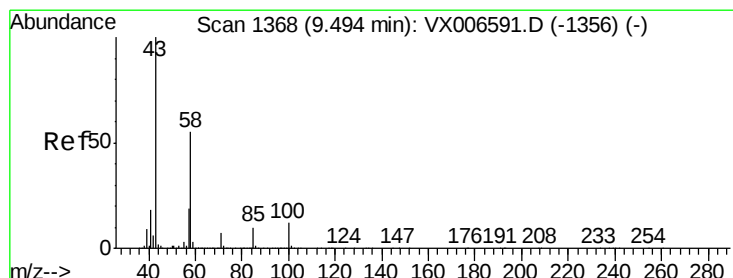
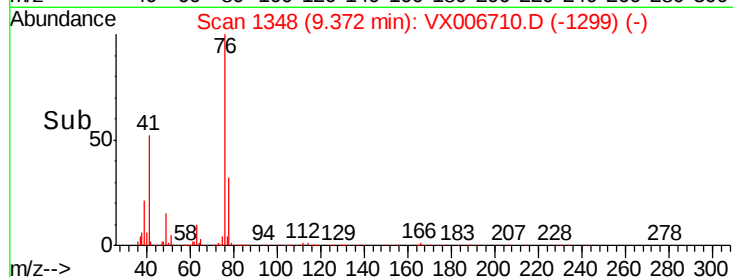
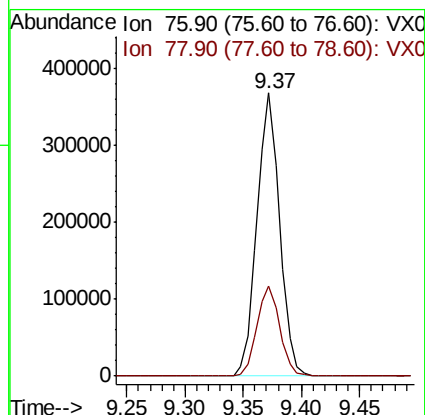
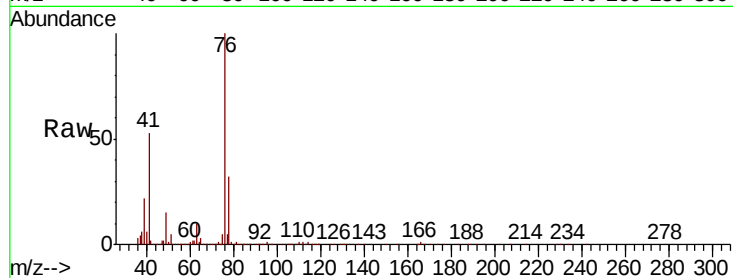
ClientSampleId :

Tot Ion: 76 Resp: 502314

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#59

2-Hexanone

Concen: 260.818 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006710.D

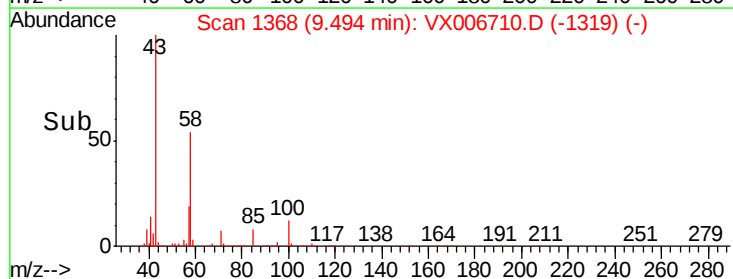
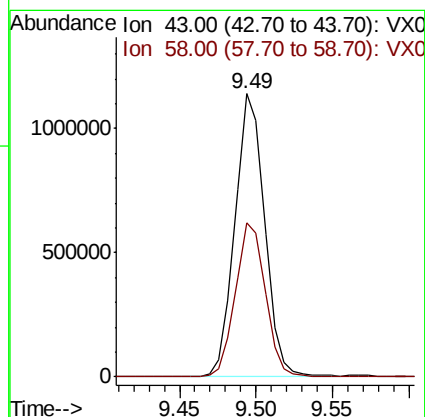
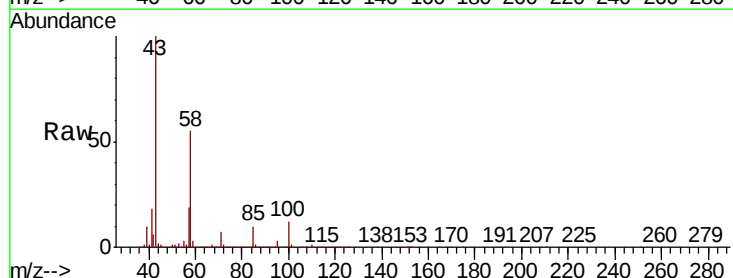
Acq: 21 Dec 2018 07:21

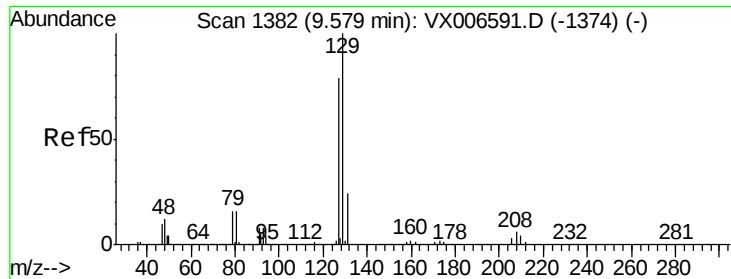
Tgt Ion: 43 Resp: 1532429

Ion Ratio Lower Upper

43 100

58 55.4 27.7 83.1





#60

Dibromochloromethane

Concen: 48.690 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

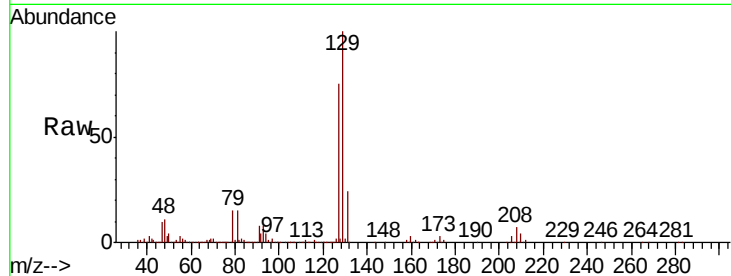
ClientSampled :

Tot Ion:129 Resp: 311543

Ion Ratio Lower Upper

129 100

127 76.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

250000

200000

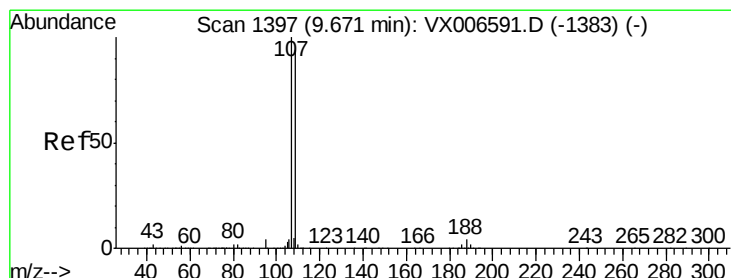
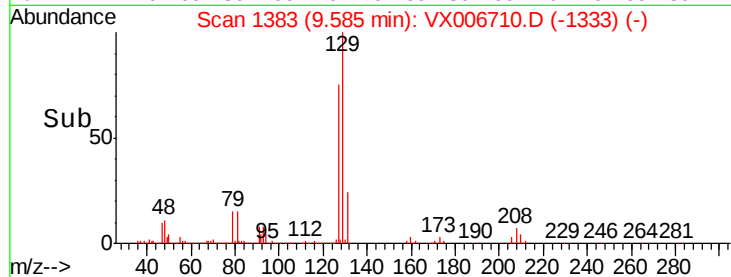
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.746 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006710.D

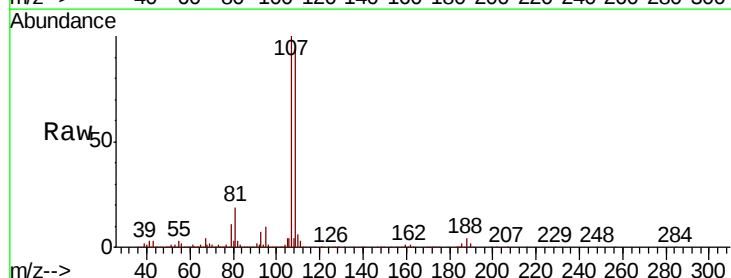
Acq: 21 Dec 2018 07:21

Tgt Ion:107 Resp: 343475

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

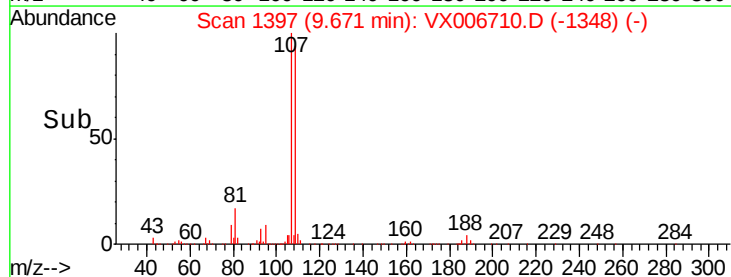
150000

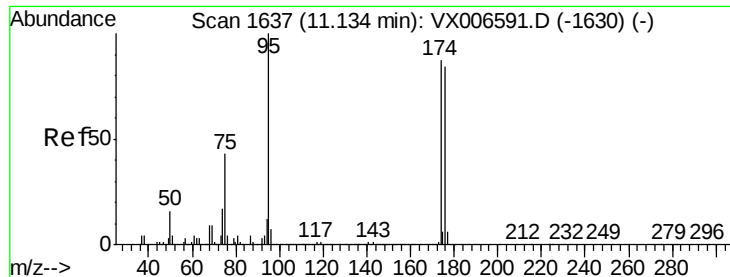
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.512 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

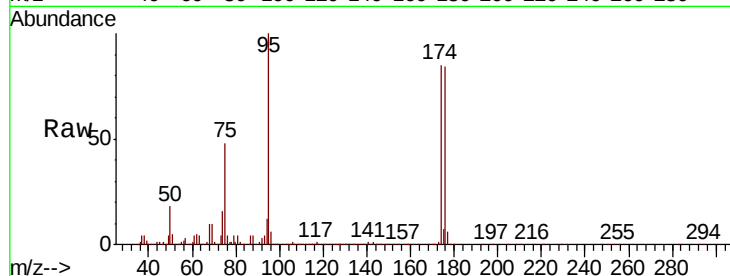
Tot Ion: 95 Resp: 397797

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

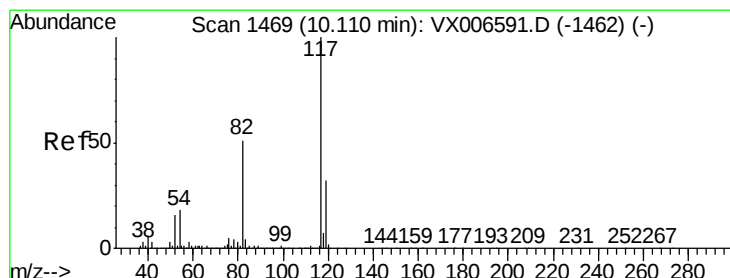
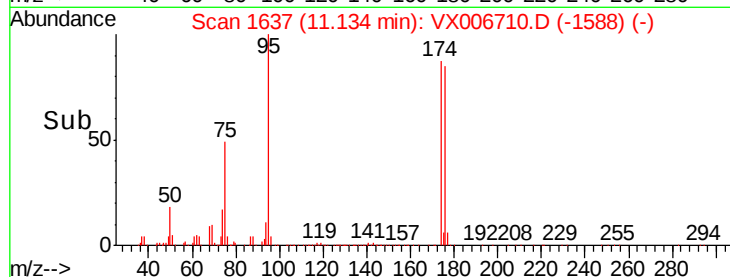
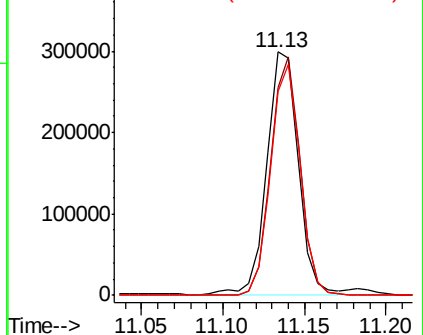
176 89.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

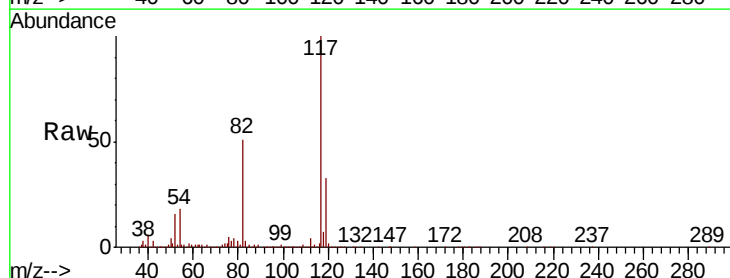
Tgt Ion: 117 Resp: 835392

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

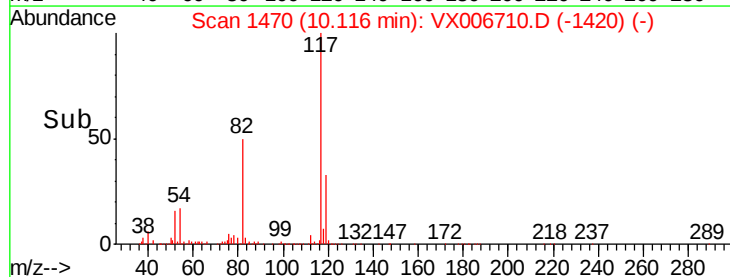
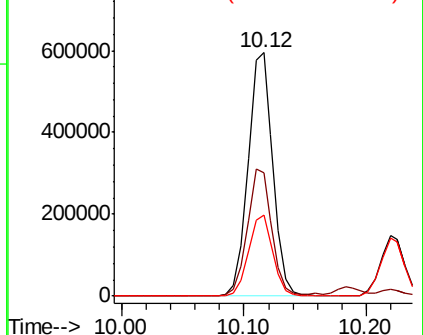
119 33.2 25.4 38.0

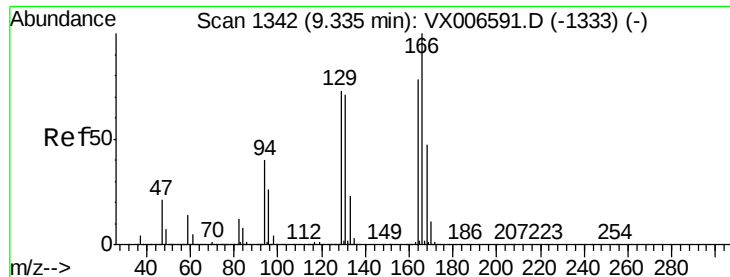


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#64

Tetrachloroethene

Concen: 44.714 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 295785

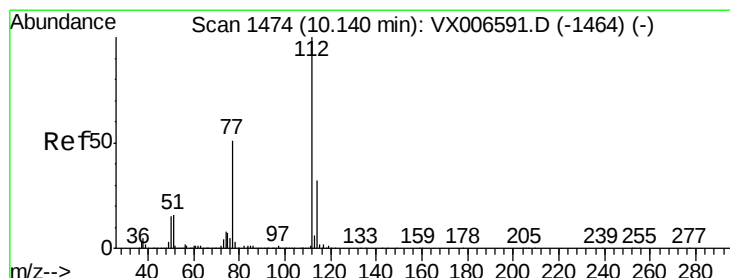
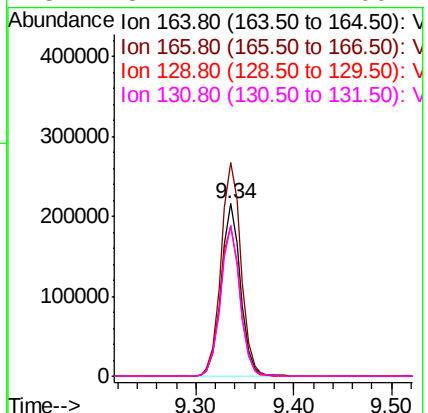
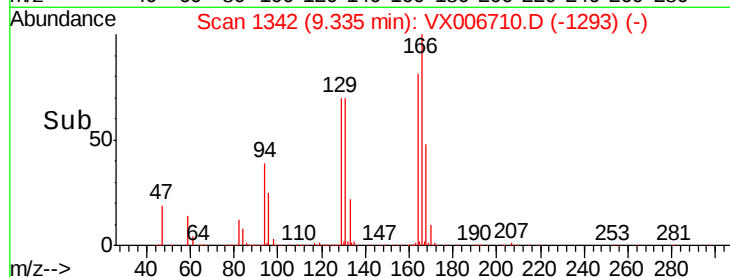
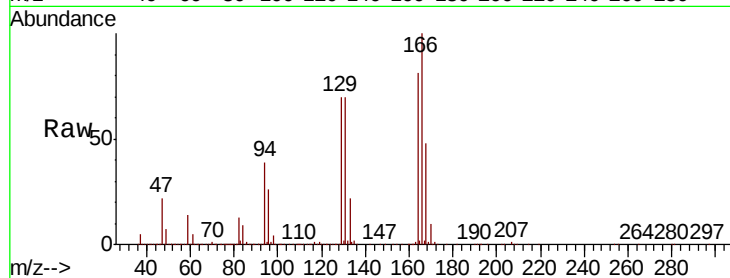
Ion Ratio Lower Upper

164 100

166 123.8 102.5 153.7

129 87.2 75.1 112.7

131 87.2 72.7 109.1



#65

Chlorobenzene

Concen: 49.160 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006710.D

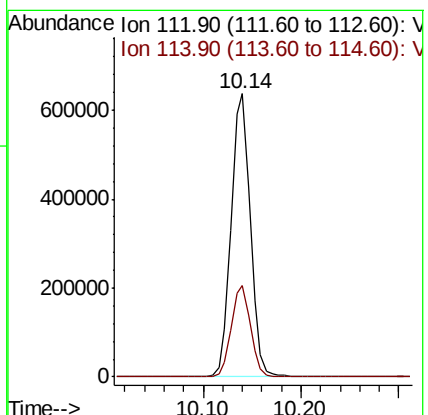
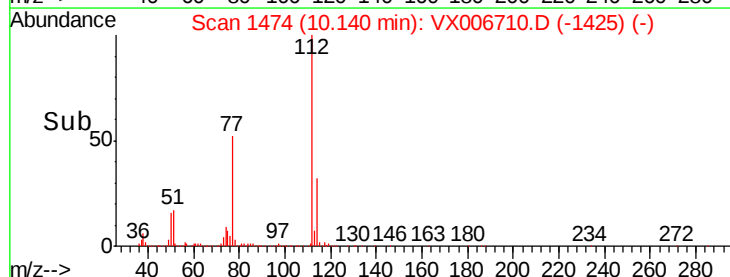
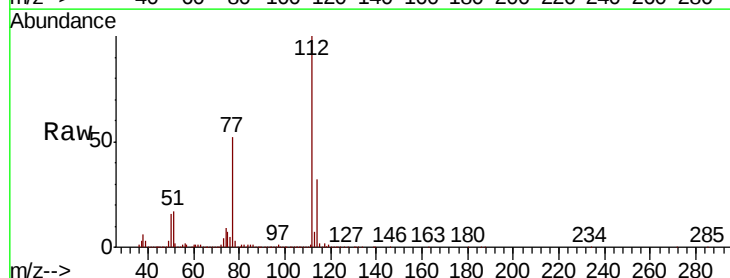
Acq: 21 Dec 2018 07:21

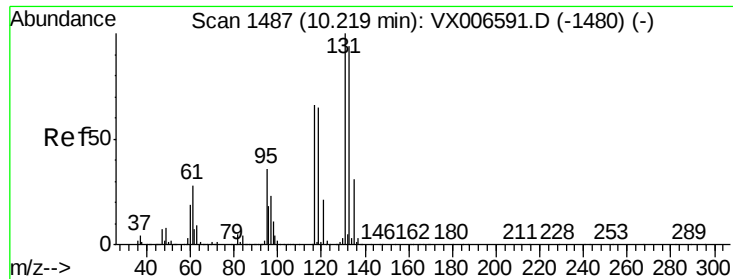
Tgt Ion:112 Resp: 868819

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5

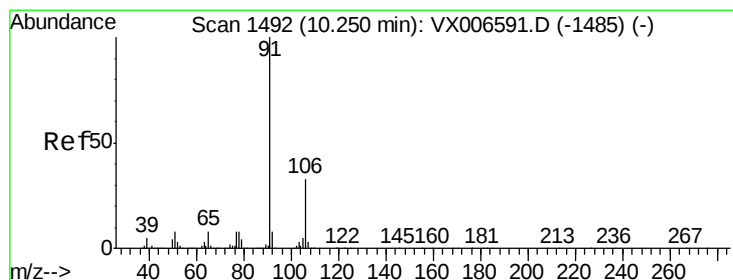
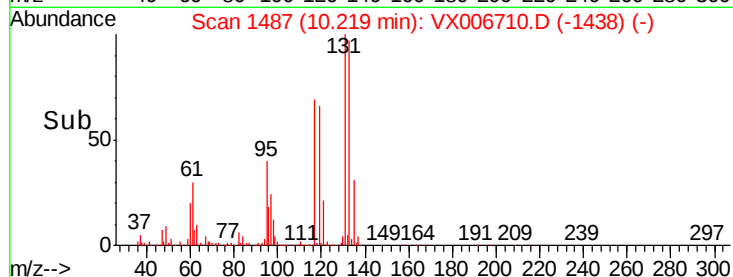
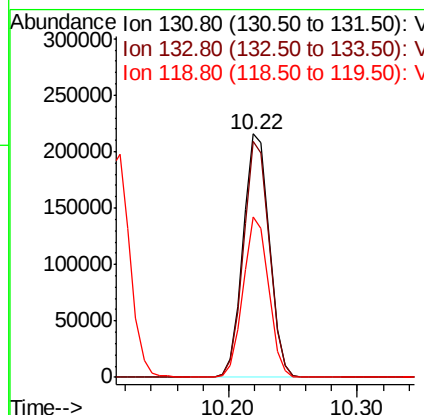
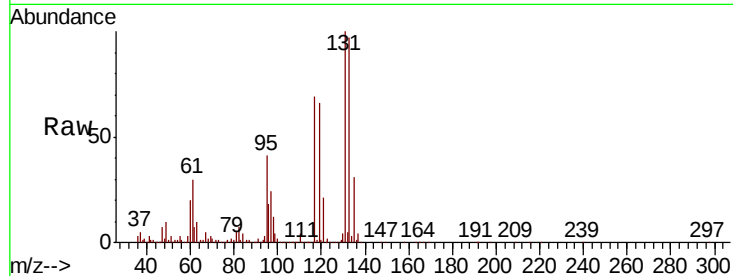




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.994 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

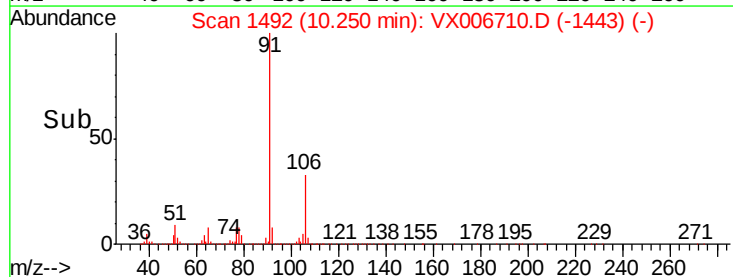
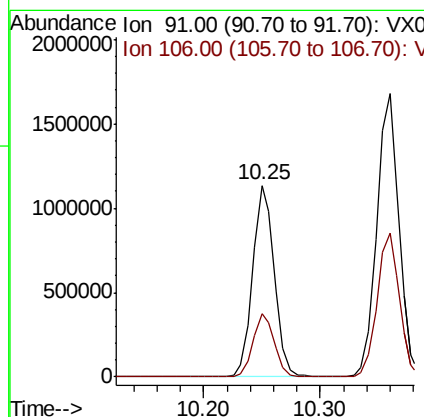
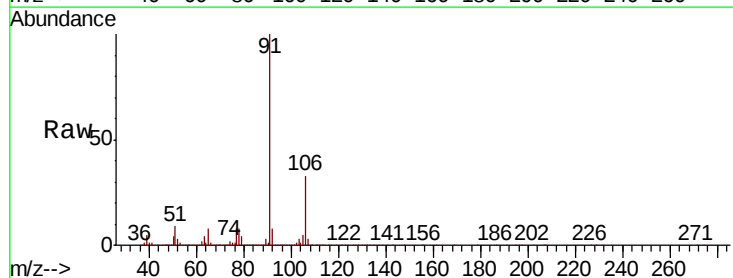
Instrument :
 MSVOA_X
 ClientSampleId :

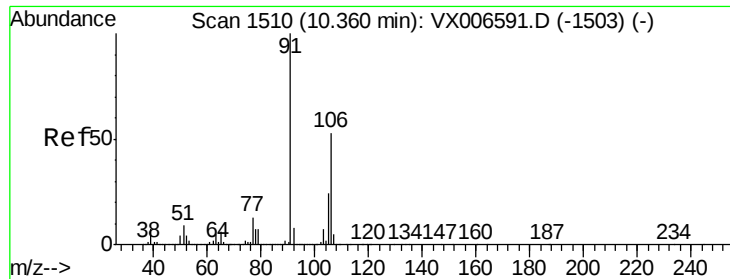
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.2
119	63.9	32.6	97.8



#67
 Ethyl Benzene
 Concen: 50.706 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.3	26.4	39.6

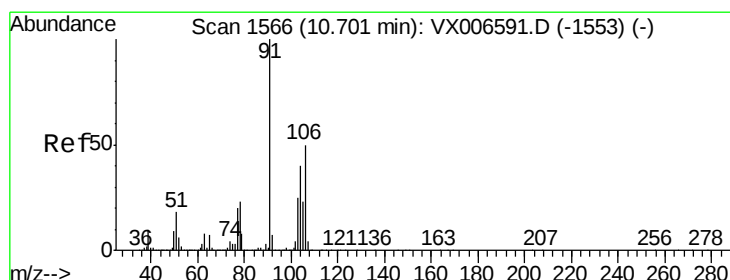
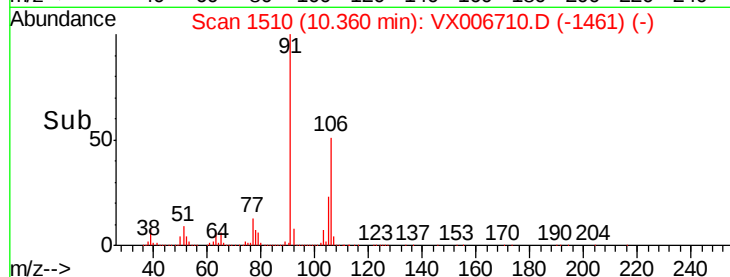
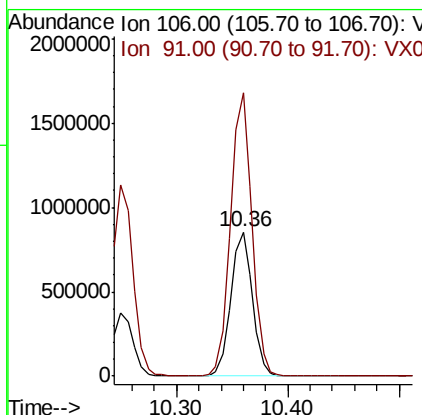
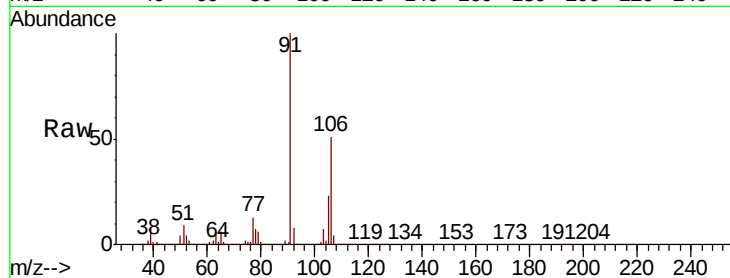




#68
m/p-Xylenes
Concen: 99.631 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

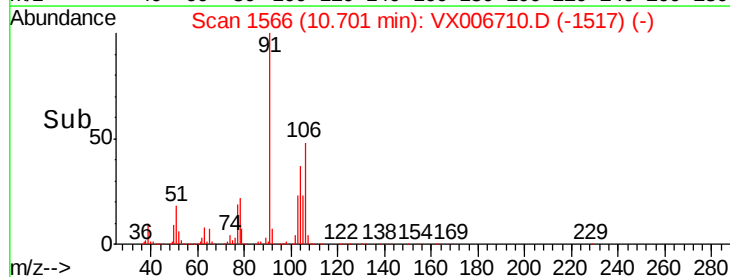
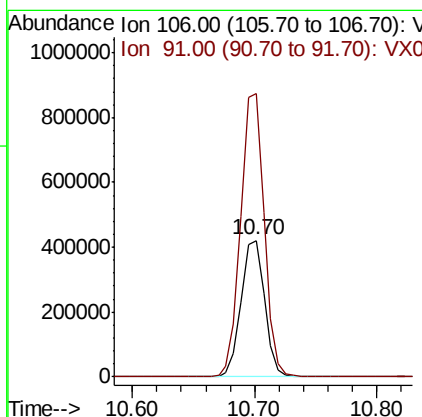
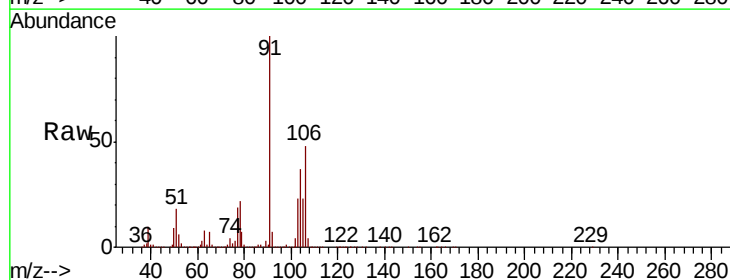
Instrument :
MSVOA_X
ClientSampled :

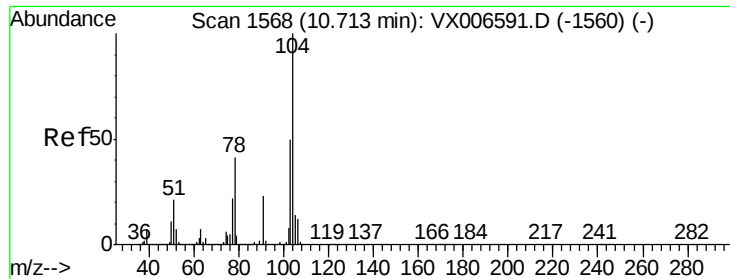
Tot Ion:106 Resp: 1135379
Ion Ratio Lower Upper
106 100
91 195.7 155.8 233.6



#69
o-Xylene
Concen: 49.611 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion:106 Resp: 558283
Ion Ratio Lower Upper
106 100
91 207.6 101.3 303.7





#70

Stvrene

Concen: 50.287 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampled :

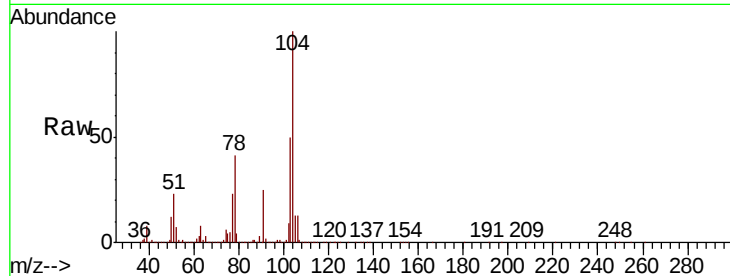
Tot Ion:104 Resp: 895258

Ion Ratio Lower Upper

104 100

78 47.6 37.7 56.5

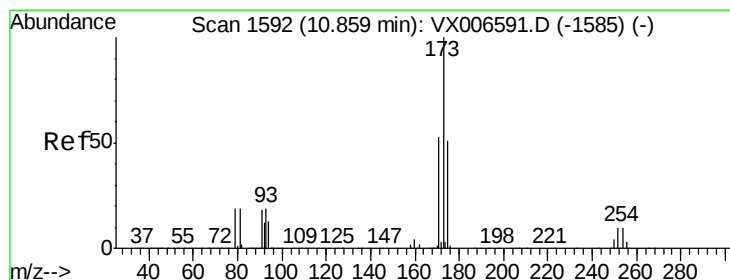
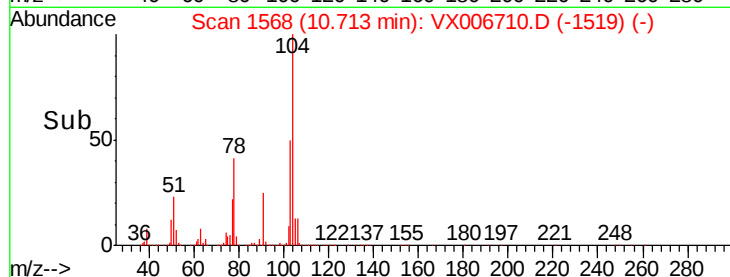
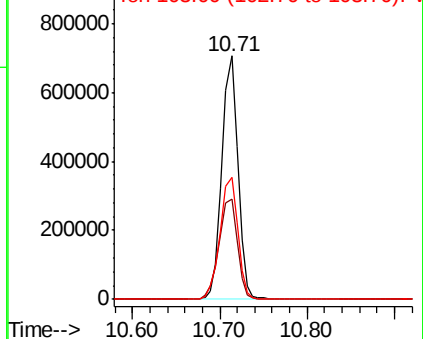
103 55.8 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 45.522 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

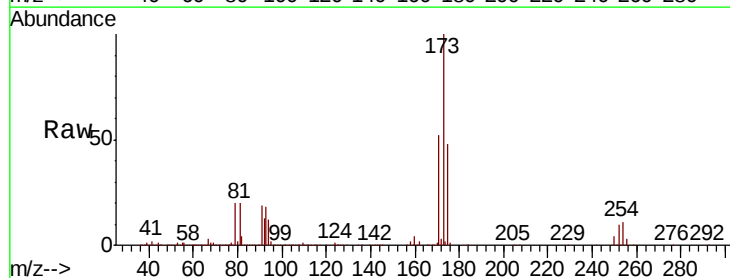
Tgt Ion:173 Resp: 224236

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

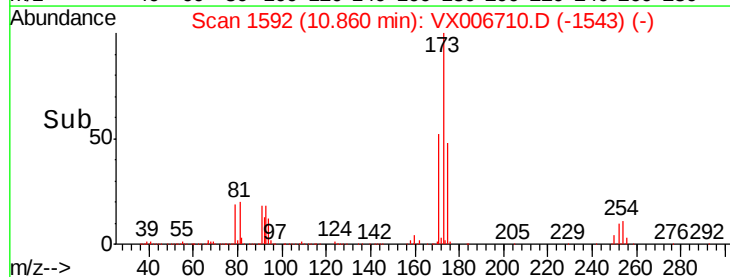
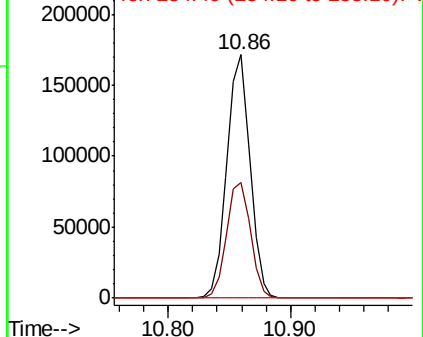
254 0.2 0.2 0.2

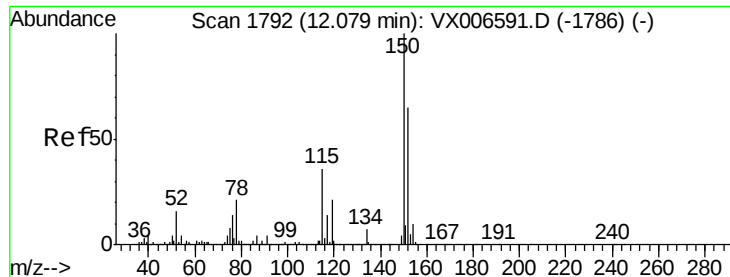


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

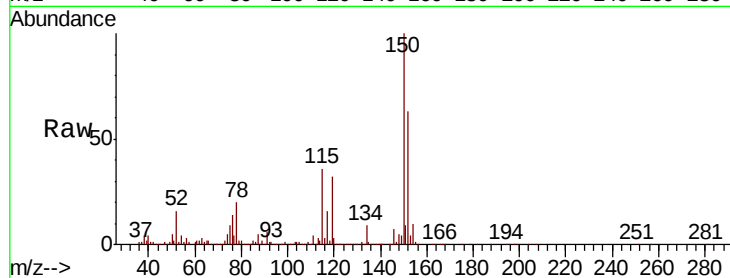
Tot Ion:152 Resp: 423366

Ion Ratio Lower Upper

152 100

115 78.1 39.1 117.2

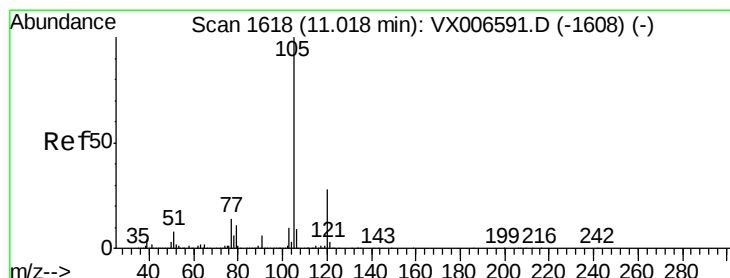
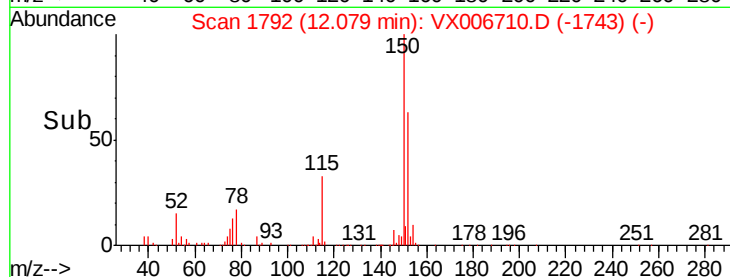
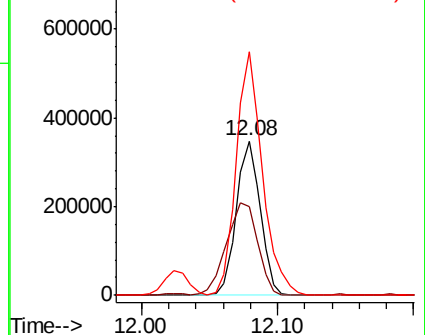
150 173.2 0.0 344.8



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: 94.841 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006710.D

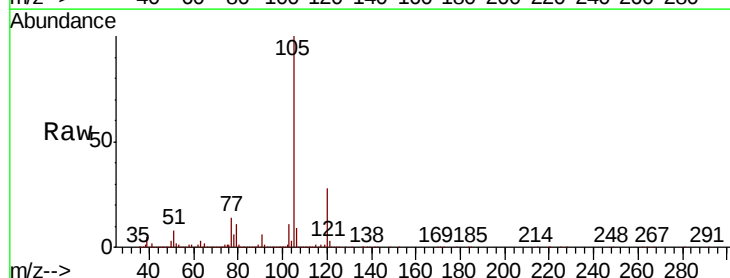
Acq: 21 Dec 2018 07:21

Tgt Ion:105 Resp: 2746918

Ion Ratio Lower Upper

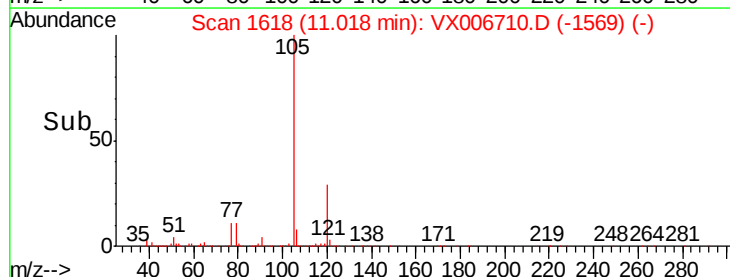
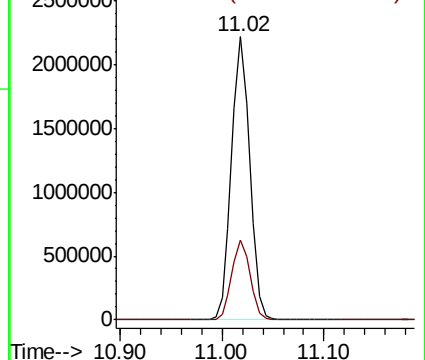
105 100

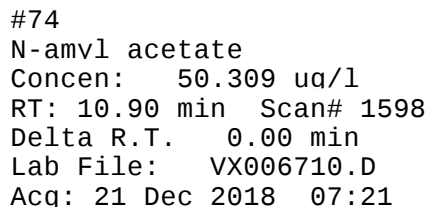
120 28.1 14.1 42.4



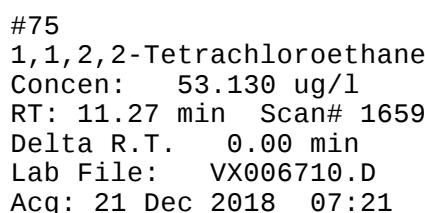
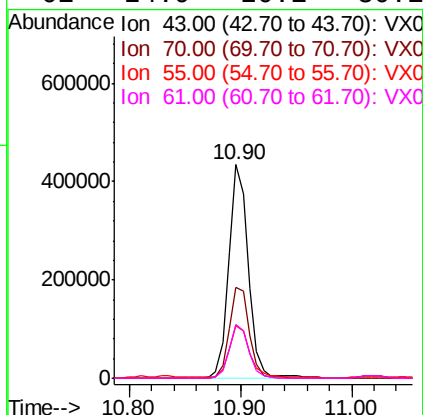
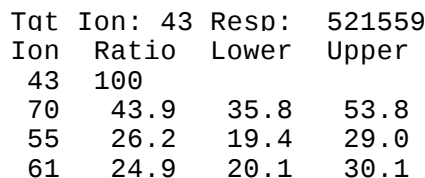
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

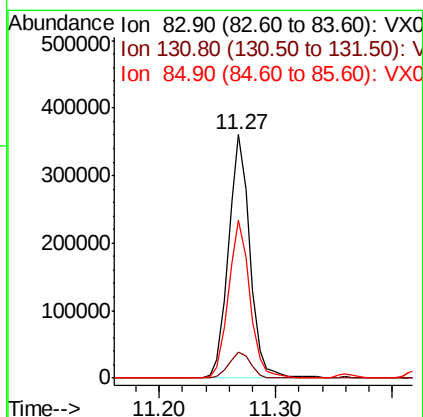


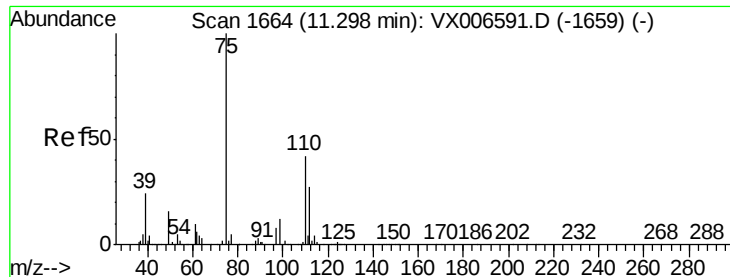


Instrument :
MSVOA_X
ClientSampleId :



Tgt	Ion: 83	Resp:	457645
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.1
85	64.9	32.2	96.6

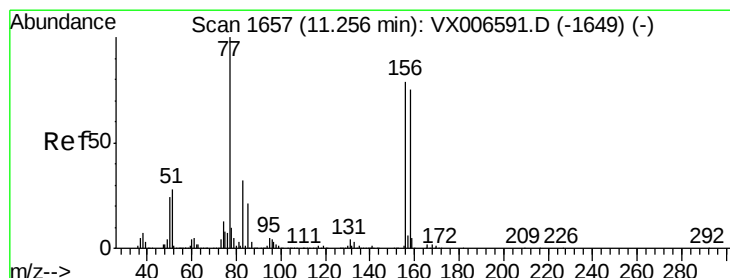
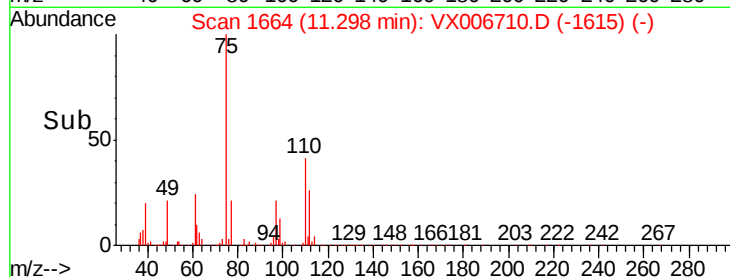
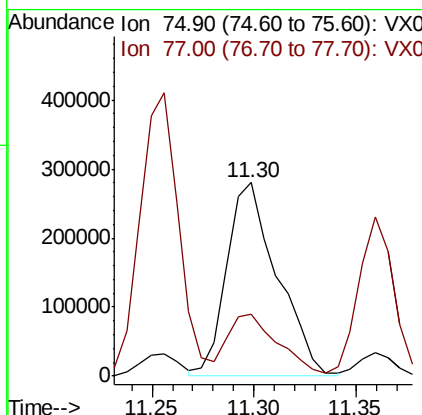
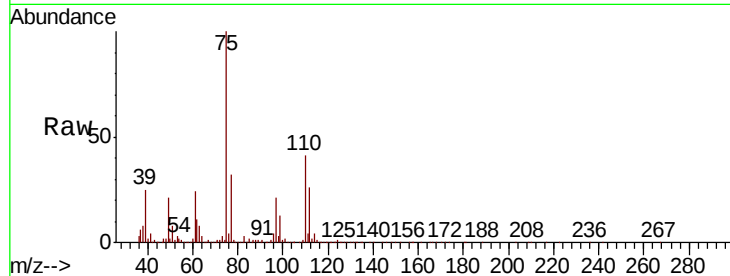




#76
1,2,3-Trichloropropane
Concen: 61.458 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

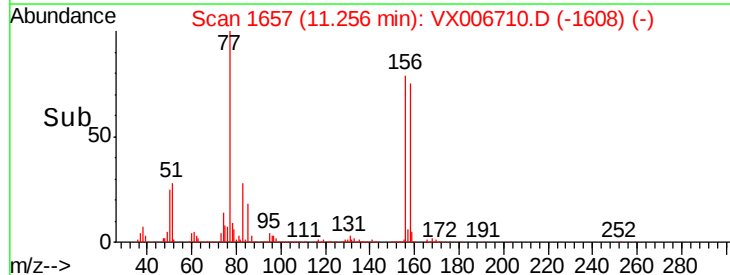
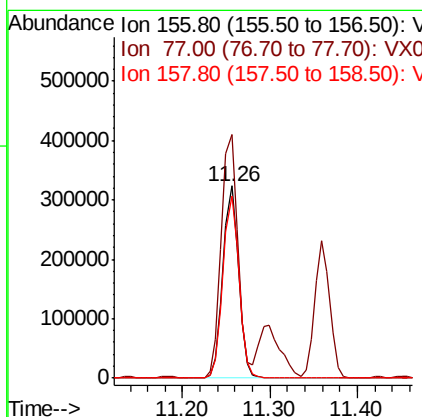
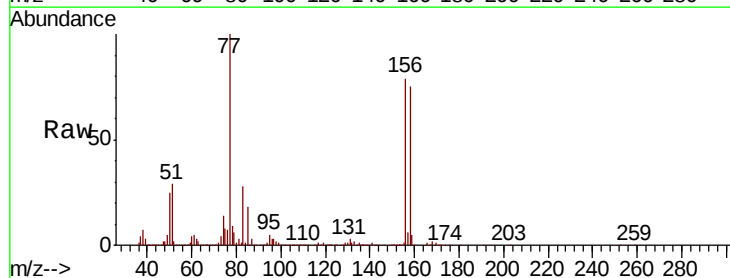
Instrument :
MSVOA_X
ClientSampleId :

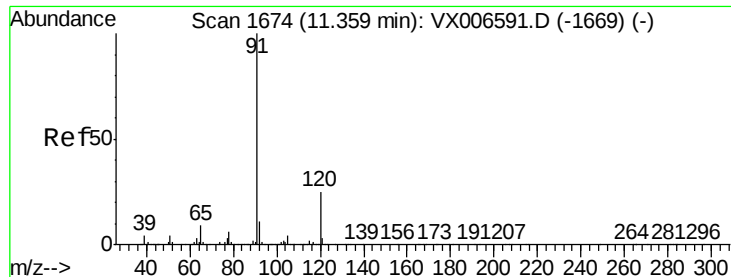
Tot Ion: 75 Resp: 483543
Ion Ratio Lower Upper
75 100
77 31.3 18.5 55.5



#77
Bromobenzene
Concen: 51.219 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 156 Resp: 401066
Ion Ratio Lower Upper
156 100
77 134.4 68.0 204.0
158 96.8 48.3 144.8





#78

n-propylbenzene

Concen: 220.344 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

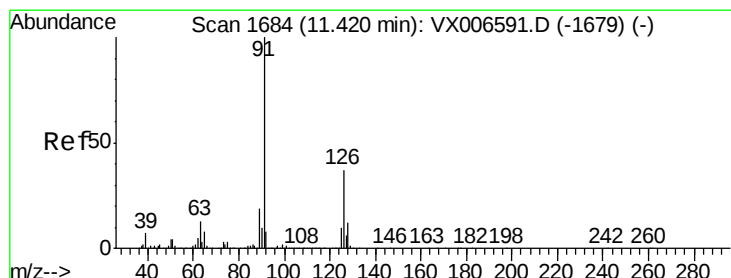
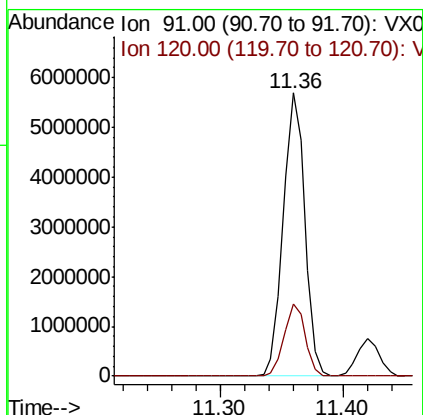
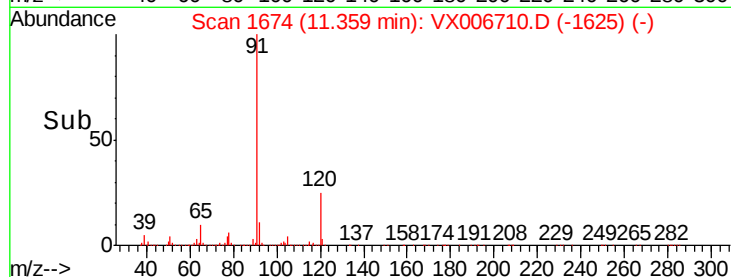
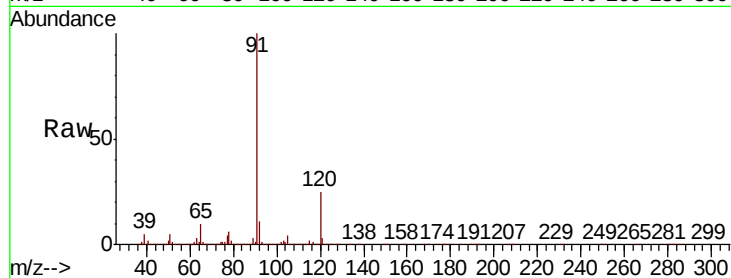
ClientSampleId :

Tot Ion: 91 Resp: 7027768

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 49.321 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006710.D

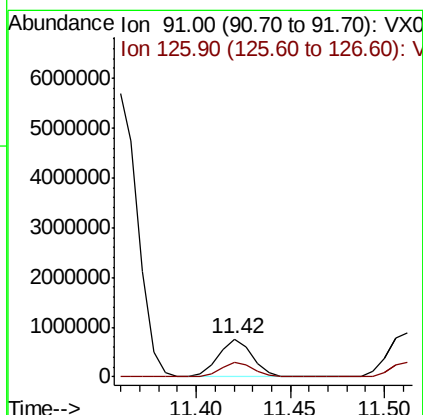
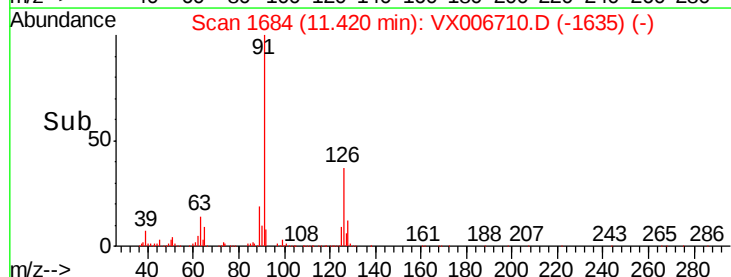
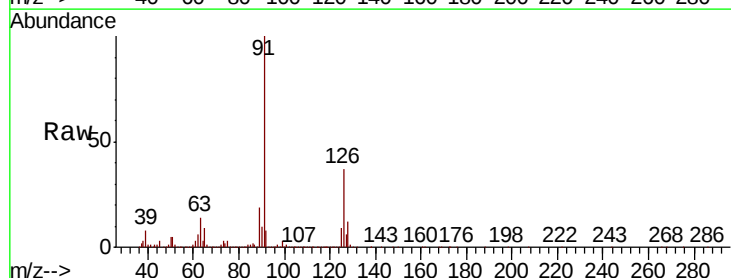
Acq: 21 Dec 2018 07:21

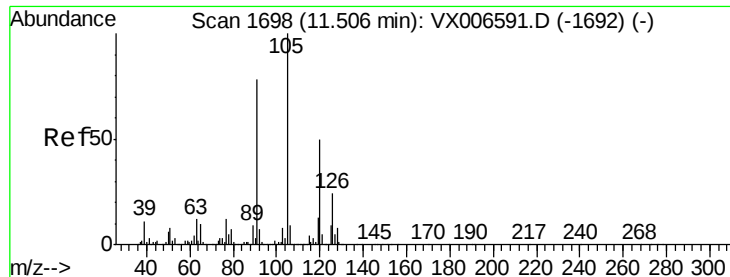
Tgt Ion: 91 Resp: 953298

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 50.192 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

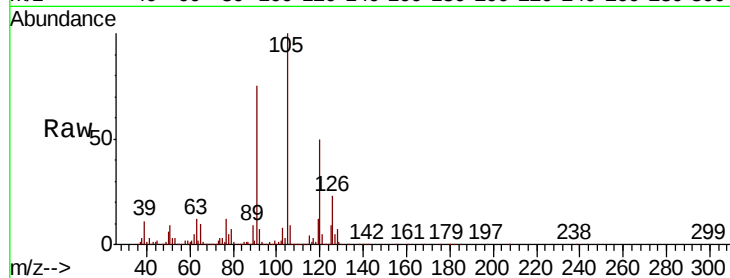
ClientSampled :

Tot Ion:105 Resp: 1197377

Ion Ratio Lower Upper

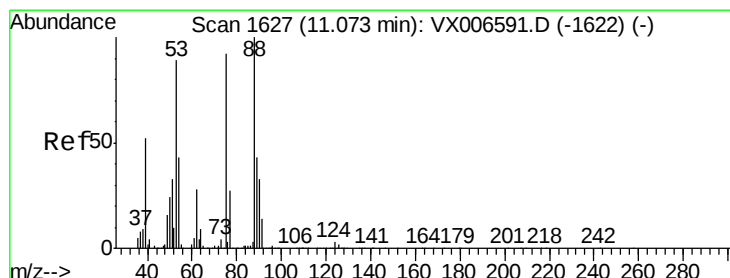
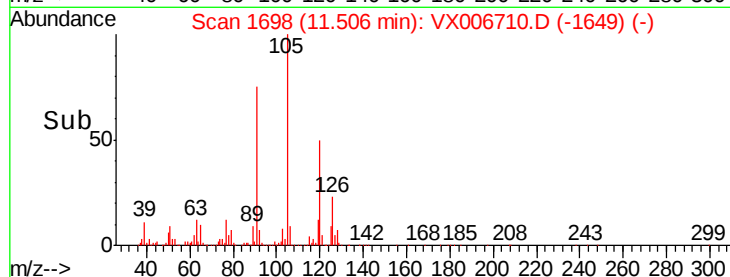
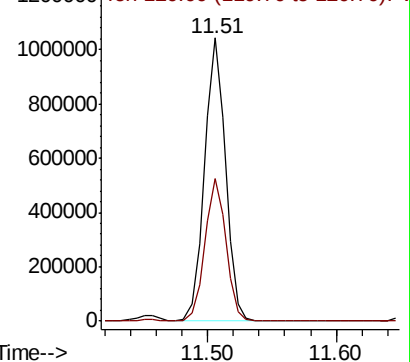
105 100

120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 39.611 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

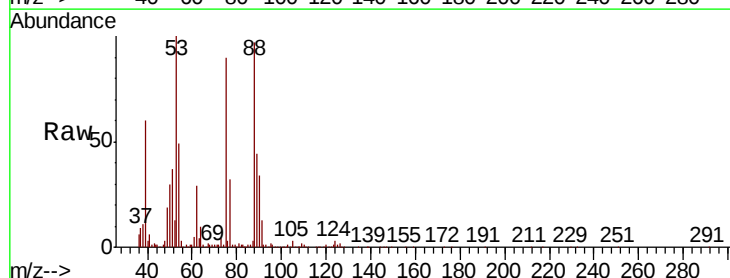
Tgt Ion: 75 Resp: 99923

Ion Ratio Lower Upper

75 100

53 108.2 79.7 119.5

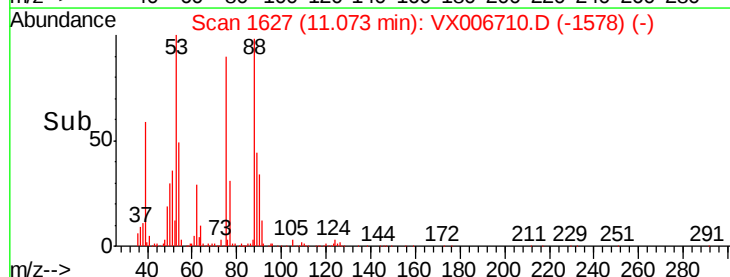
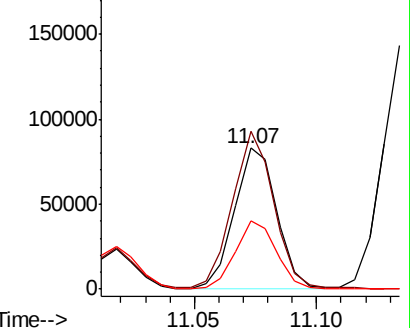
89 46.9 38.0 57.0

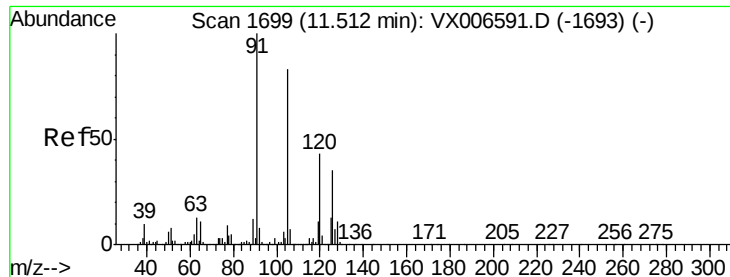


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

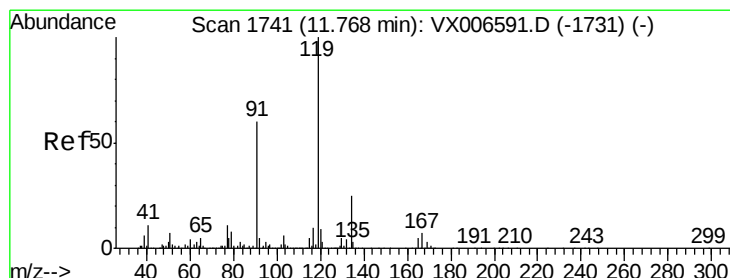
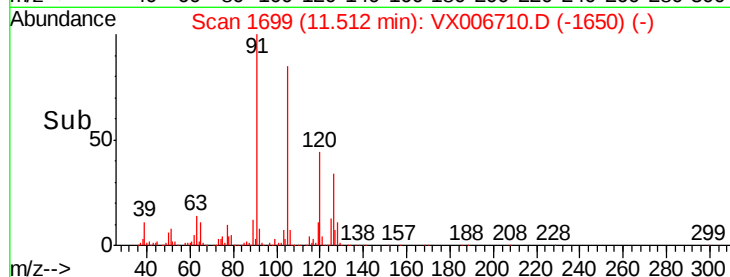
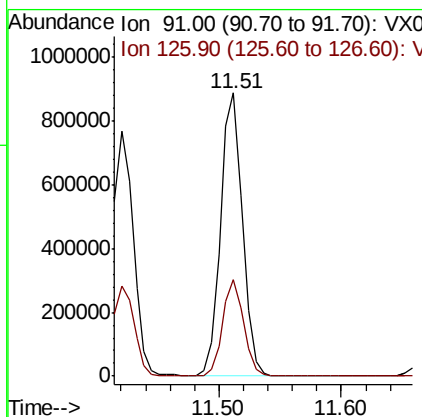
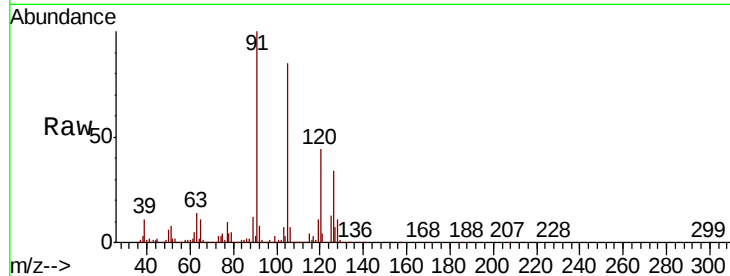




#82
4-Chlorotoluene
Concen: 49.710 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

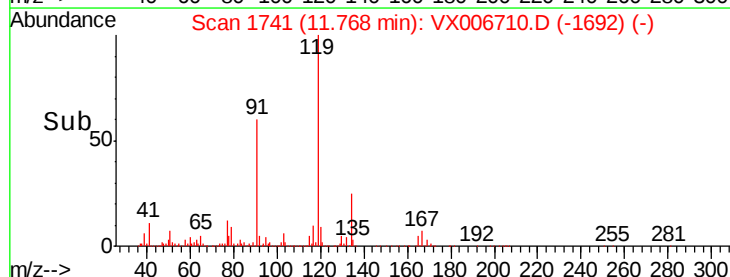
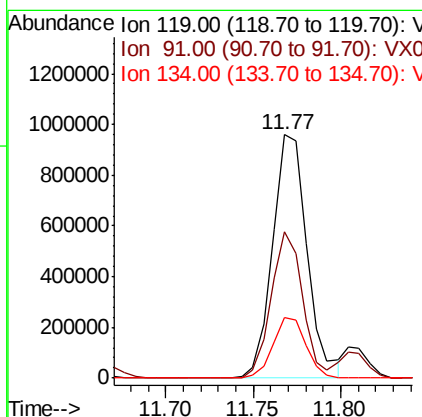
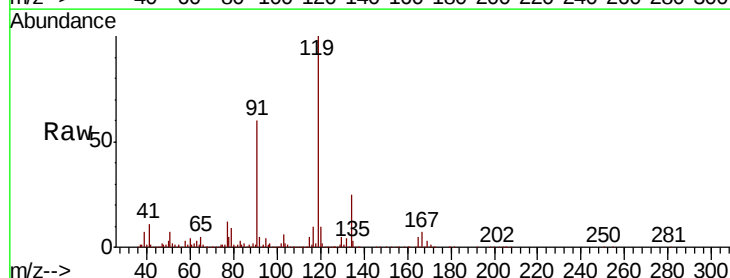
Instrument :
MSVOA_X
ClientSampleId :

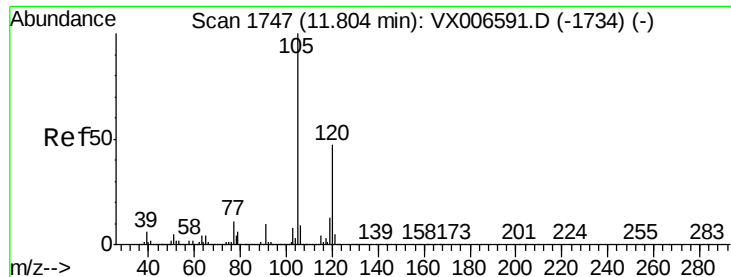
Tot Ion: 91 Resp: 1102107
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9



#83
tert-Butylbenzene
Concen: 55.370 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion: 119 Resp: 1322035
Ion Ratio Lower Upper
119 100
91 54.4 27.7 83.1
134 23.8 11.9 35.5



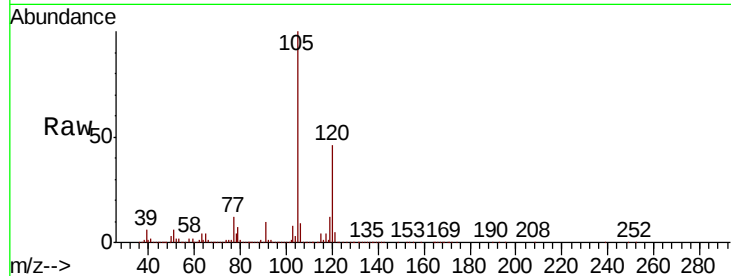


#84

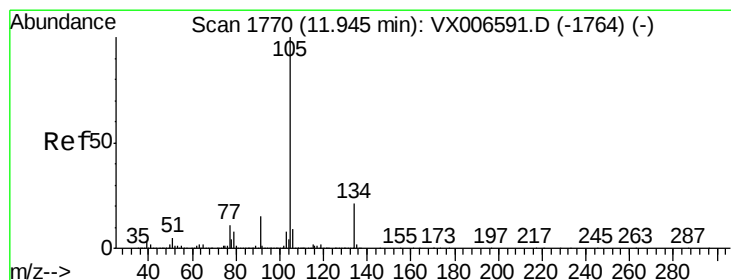
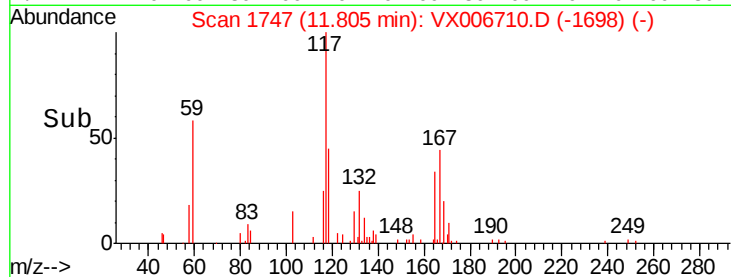
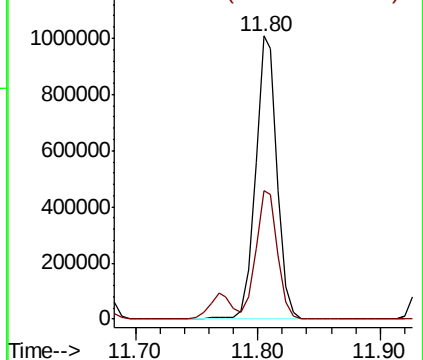
1,2,4-Trimethylbenzene
Concen: 48.957 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 1228460
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.6



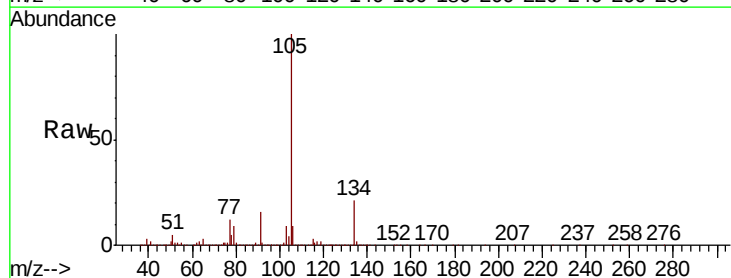
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



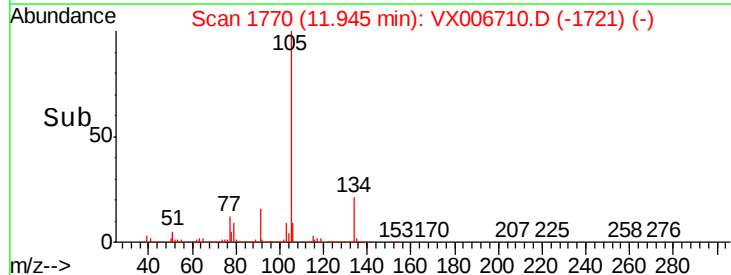
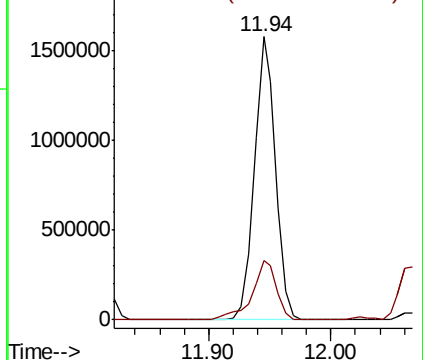
#85

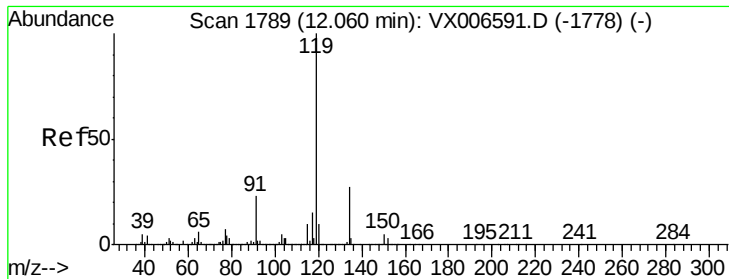
sec-Butylbenzene
Concen: 64.993 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion:105 Resp: 1902576
Ion Ratio Lower Upper
105 100
134 24.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

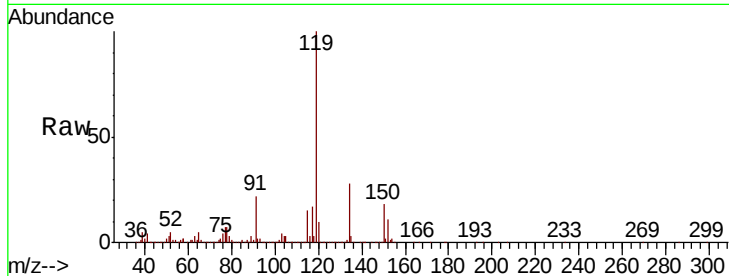




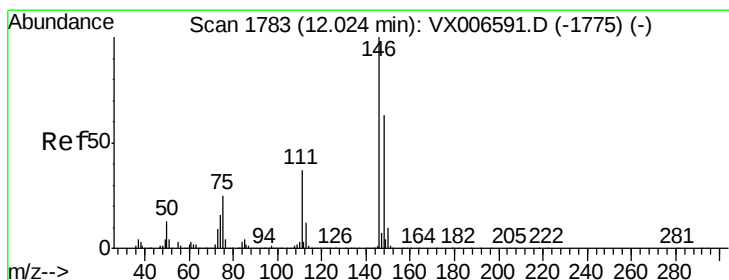
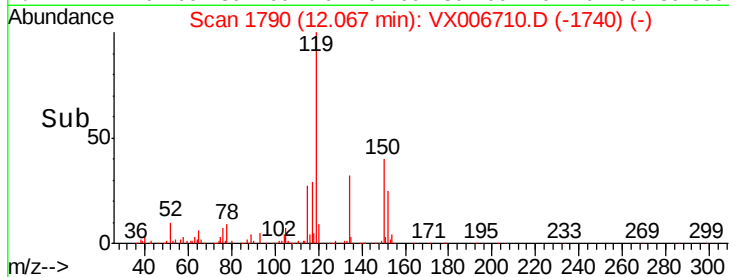
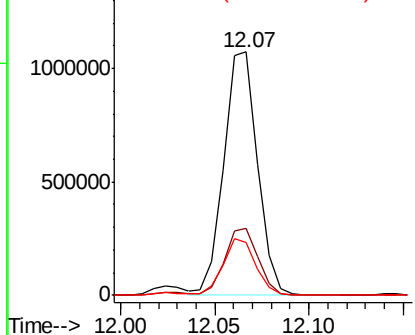
#86
p-Isopropyltoluene
Concen: 51.685 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 1329983
Ion Ratio Lower Upper
119 100
134 27.3 14.0 41.9
91 22.4 11.3 33.9

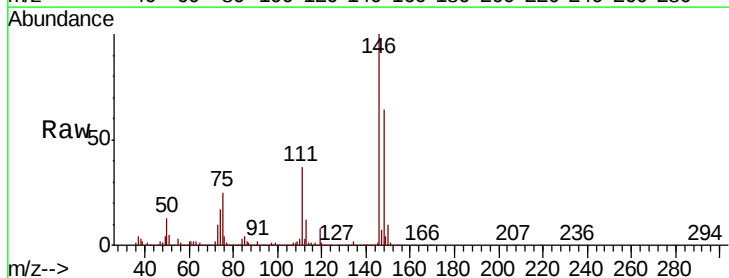


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

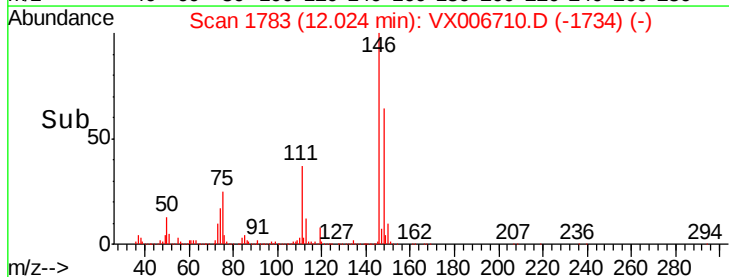
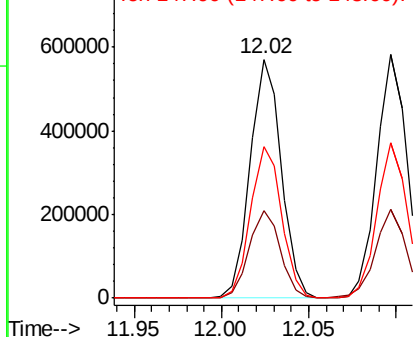


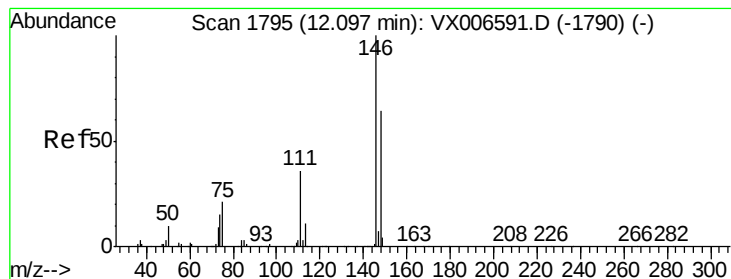
#87
1,3-Dichlorobenzene
Concen: 50.038 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX006710.D
Acq: 21 Dec 2018 07:21

Tgt Ion:146 Resp: 706146
Ion Ratio Lower Upper
146 100
111 36.4 18.6 55.8
148 63.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 48.382 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006710.D

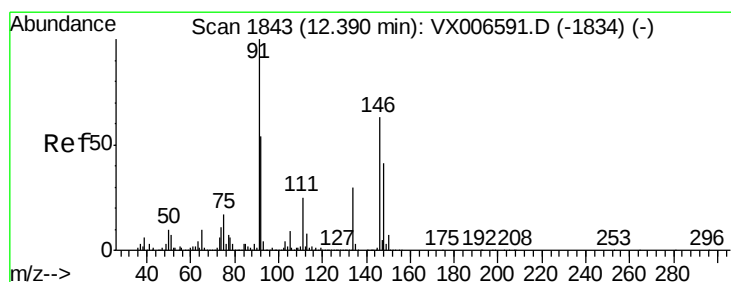
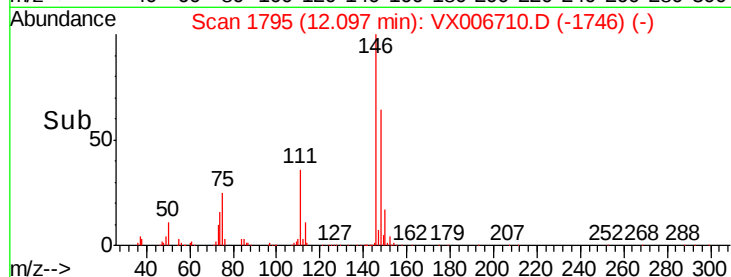
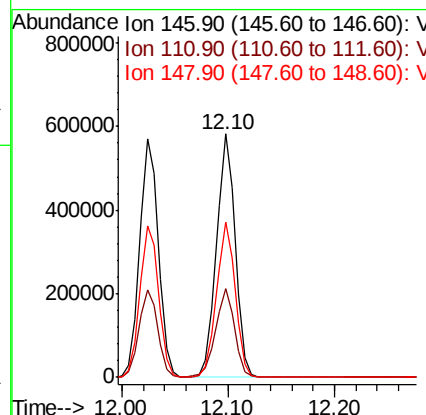
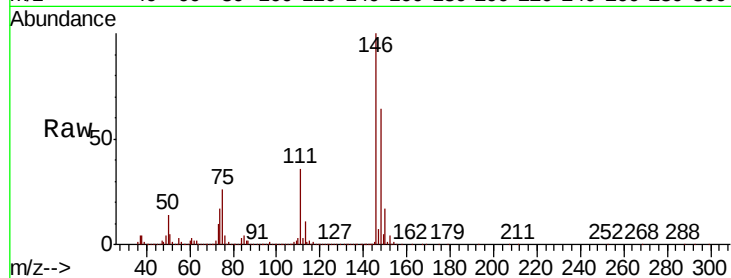
Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	699947
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	31.9	95.9



#89

n-Butylbenzene

Concen: 77.710 ug/l

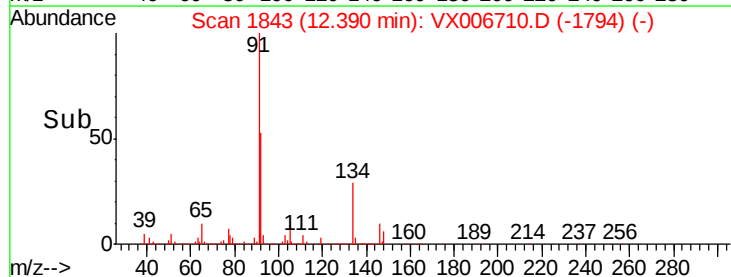
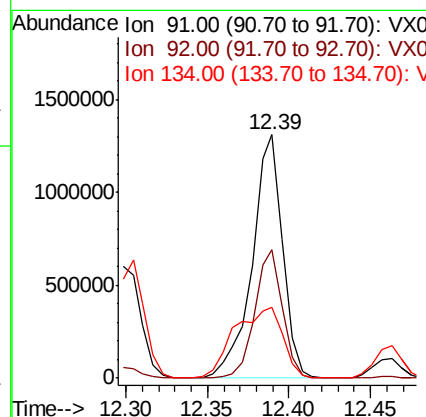
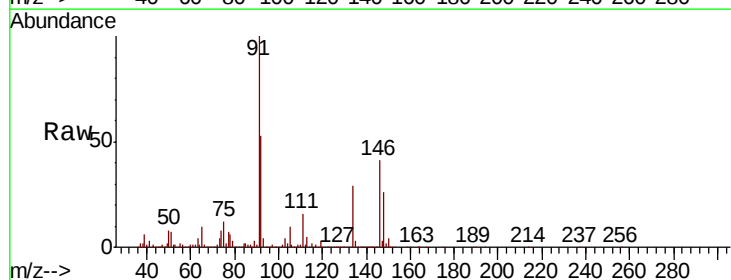
RT: 12.39 min Scan# 1843

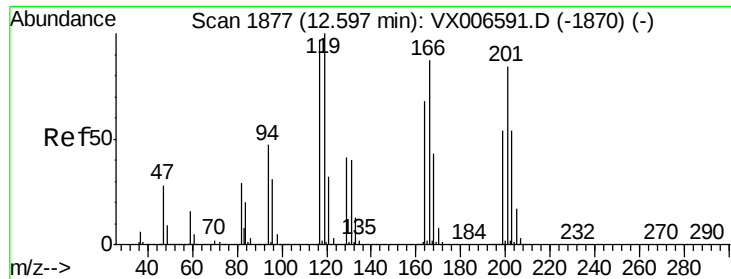
Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Tgt Ion:	91	Resp:	1701827
Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.8	80.4
134	45.9	14.4	43.2





#90

Hexachloroethane

Concen: 66.286 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

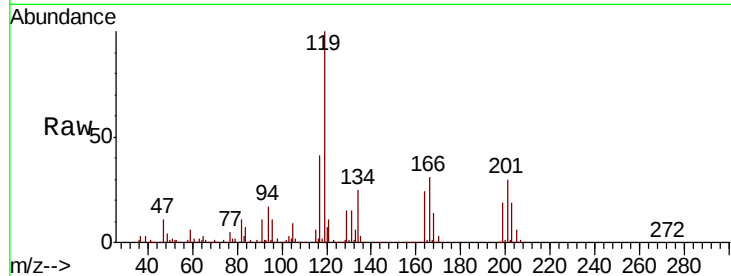
ClientSampled :

Tot Ion:117 Resp: 271577

Ion Ratio Lower Upper

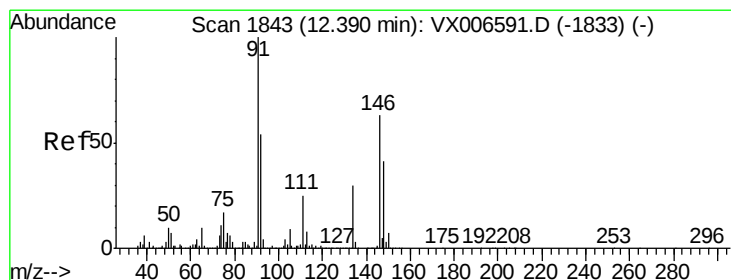
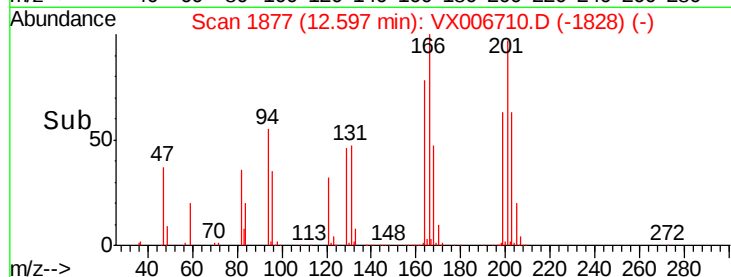
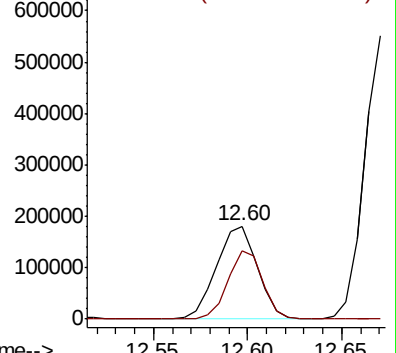
117 100

201 62.7 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.192 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

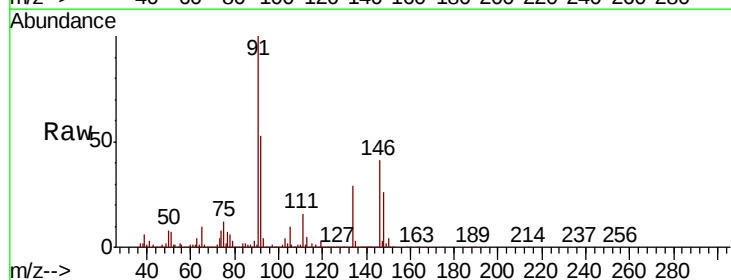
Tgt Ion:146 Resp: 694451

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.2

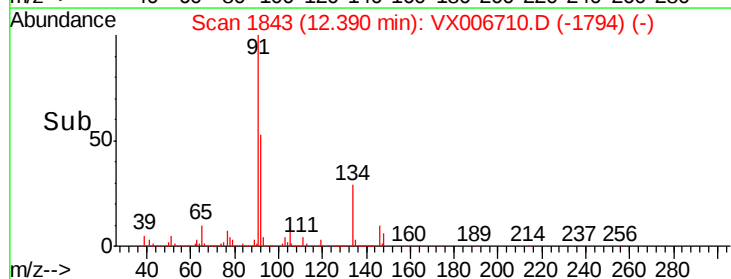
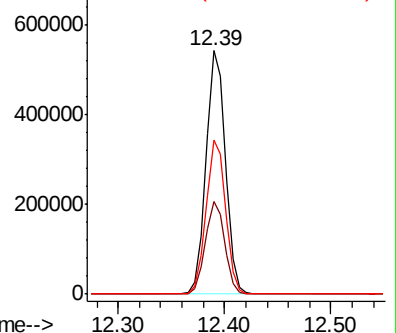
148 63.7 32.3 96.9

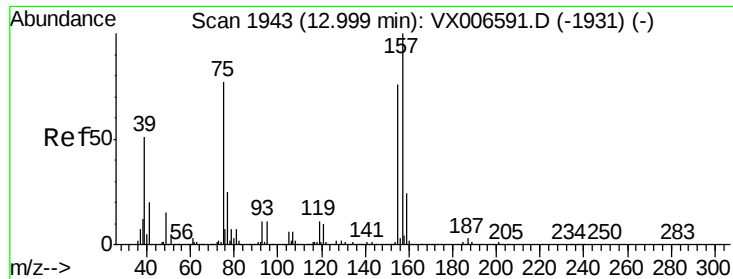


Abundance Ion 145.90 (145.60 to 146.60): V

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: 74.227 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

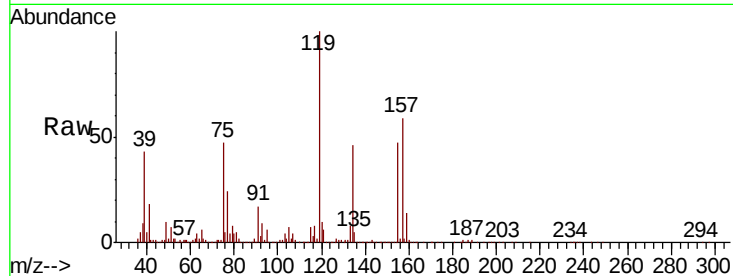
Tot Ion: 75 Resp: 132294

Ion Ratio Lower Upper

75 100

155 71.4 50.6 151.8

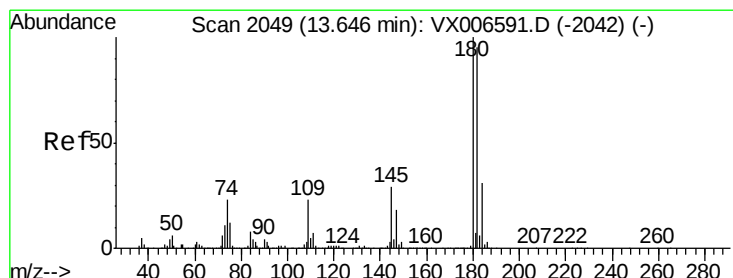
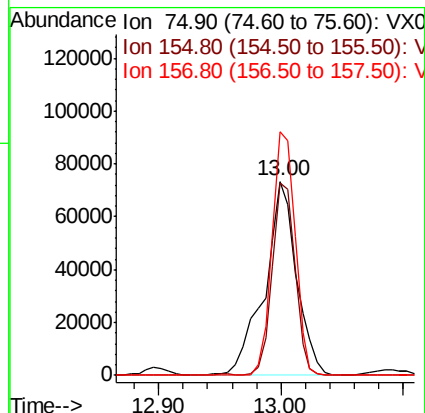
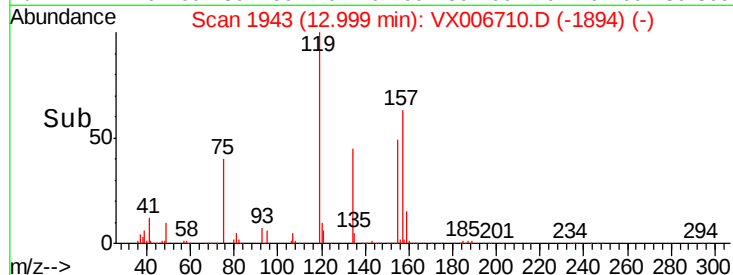
157 91.3 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX006710.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006710.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006710.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 52.245 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

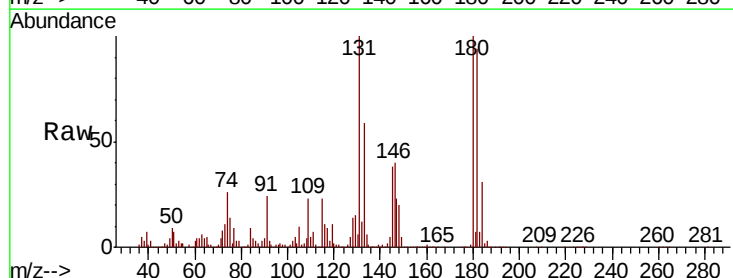
Tgt Ion:180 Resp: 508755

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

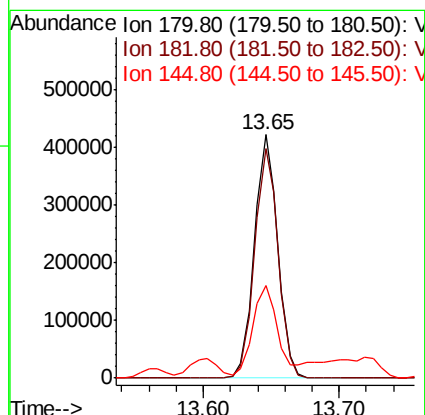
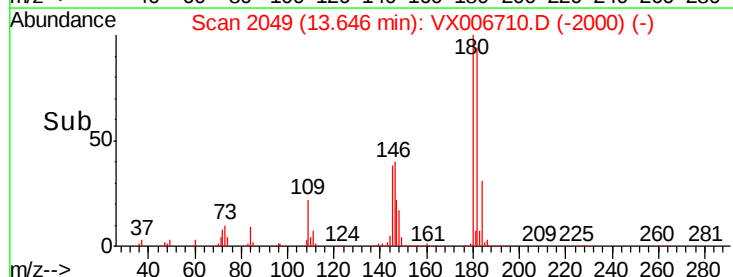
145 41.7 14.8 44.3

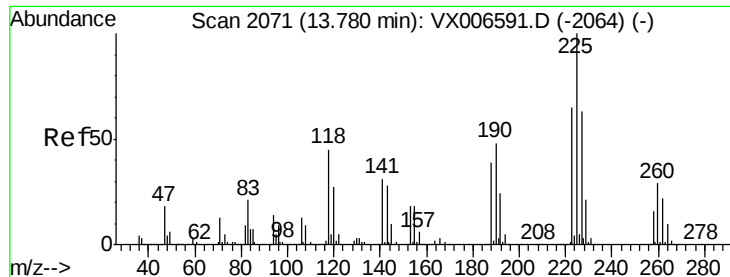


Abundance Ion 179.80 (179.50 to 180.50): VX006710.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006710.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006710.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 51.454 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

Instrument :

MSVOA_X

ClientSampled :

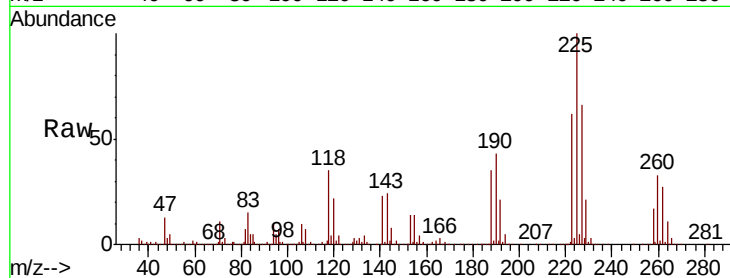
Tot Ion:225 Resp: 236170

Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.3

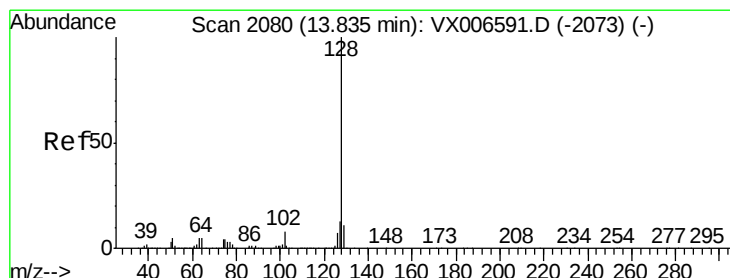
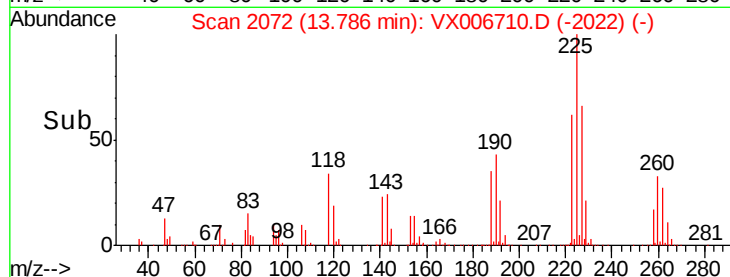
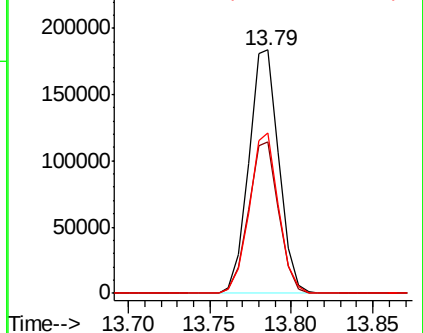
227 63.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.963 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006710.D

Acq: 21 Dec 2018 07:21

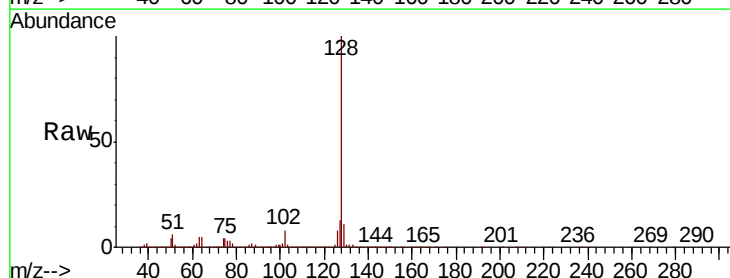
Tgt Ion:128 Resp: 1646109

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

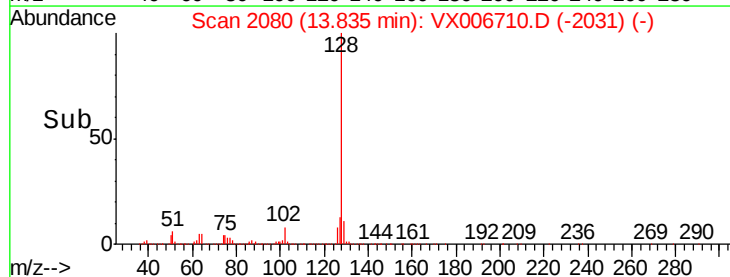
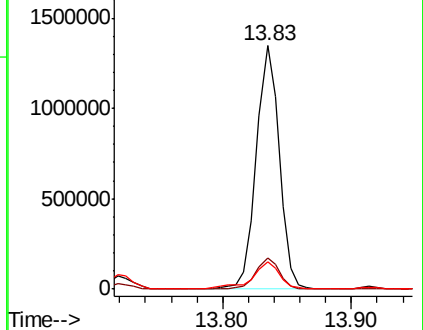
129 13.4 8.6 13.0#

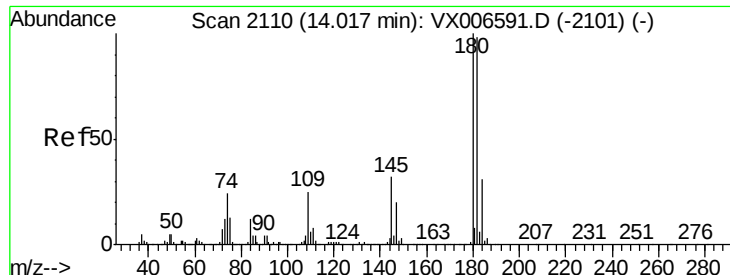


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

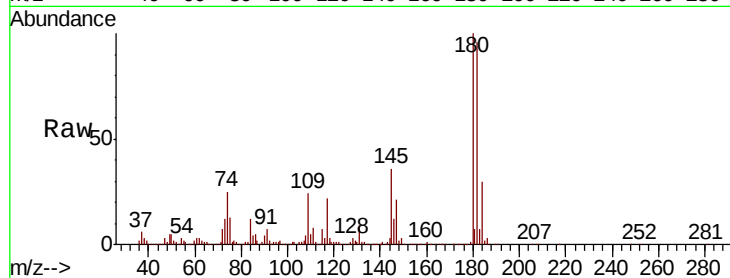




#96
 1,2,3-Trichlorobenzene
 Concen: 51.685 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006710.D
 Acq: 21 Dec 2018 07:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.5
145	35.9	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

