Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005562.D
Acq On : 25 Oct 2018 01:25
Operator : JC/MD
Sample : J5198-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Quant Time: Oct 25 05:56:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	205646	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	317580	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	286552	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132033	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	138786	55.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.58%				
35) Dibromofluoromethane	5.50	113	103170	47.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.96%				
50) Toluene-d8	8.71	98	380440	49.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.48%				
62) 4-Bromofluorobenzene	11.14	95	124929	42.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.62%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	517	0.200	ug/l		93
5) Bromomethane	1.65	94	602	0.381	ug/l	#	67
6) Chloroethane	1.68	64	335	0.206	ug/l	#	44
8) Diethyl Ether	2.20	74	315	0.223	ug/l		92
10) Methyl Iodide	2.51	142	491	2.945	ug/l	#	79
11) Tert butyl alcohol	3.02	59	1520	2.250	ug/l	#	77
13) Acrolein	2.30	56	161	0.467	ug/l	#	31
16) Acetone	2.45	43	50016	37.706	ug/l		98
17) Carbon Disulfide	2.56	76	1454	0.247	ug/l	#	79
18) Methyl Acetate	2.78	43	6374	0.498	ug/l		95
20) Methylene Chloride	2.86	84	33630	15.138	ug/l		95
25) 2-Butanone	4.71	43	1919	0.950	ug/l	#	87
29) Tetrahydrofuran	5.17	42	1102	0.838	ug/l	#	72
31) Cyclohexane	5.67	56	4344	1.284	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	15121	4.906	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	19284	5.941	ug/l	#	17
40) Benzene	6.15	78	2146	0.243	ug/l		91
43) Isopropyl Acetate	6.46	43	133280	22.615	ug/l		95
48) Methyl methacrylate	7.69	41	5253	1.830	ug/l	#	21
51) 4-Methyl-2-Pentanone	8.62	43	2615	0.660	ug/l	#	41
59) 2-Hexanone	9.54	43	7199	2.305	ug/l	#	55
76) 1,2,3-Trichloropropane	11.14	75	62405	23.205	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	62405	72.891	ug/l	#	10
95) Naphthalene	13.83	128	3355	0.372	ug/l		96

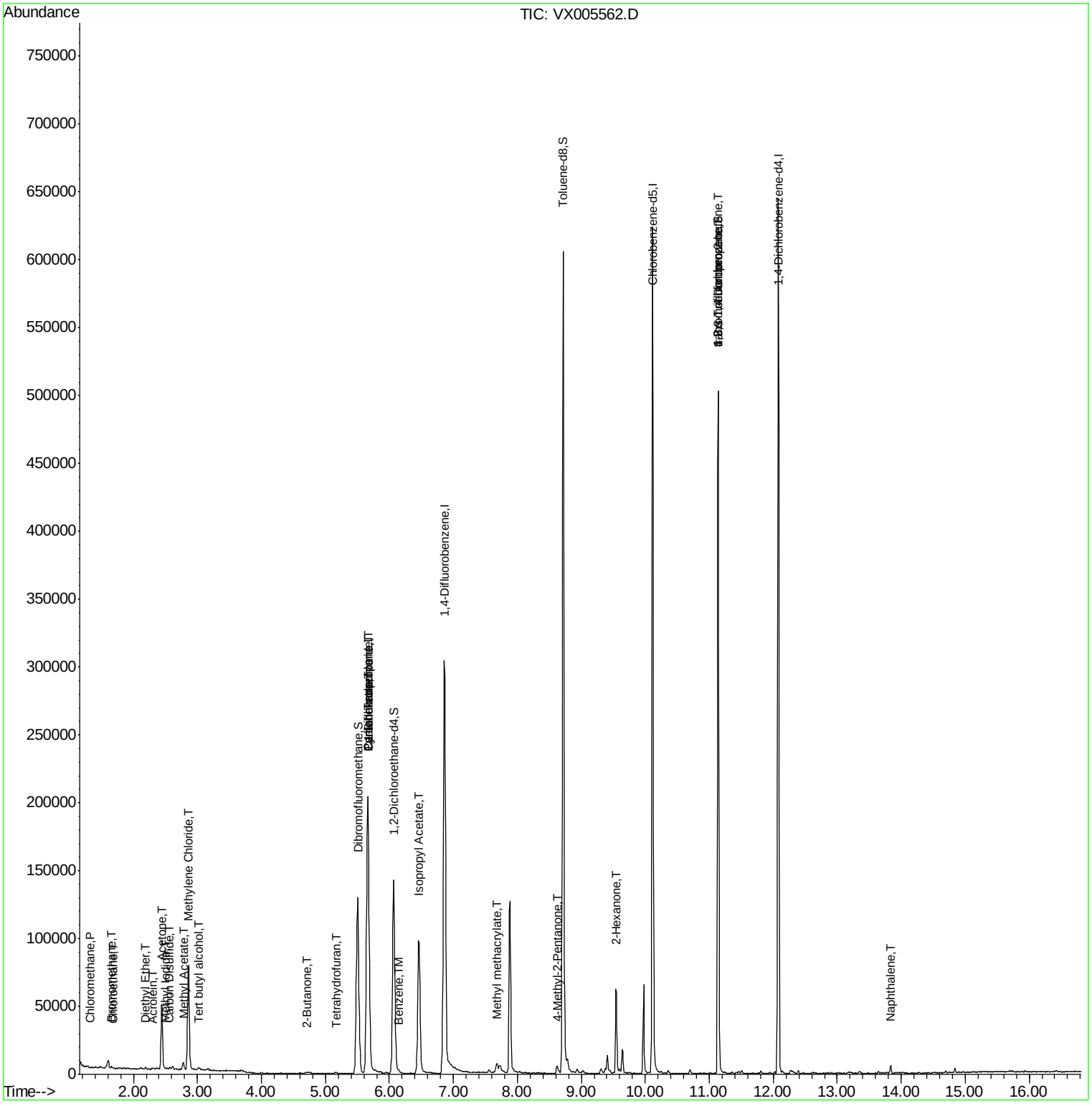
(#) = qualifier out of range (m) = manual integration (+) = signals summed

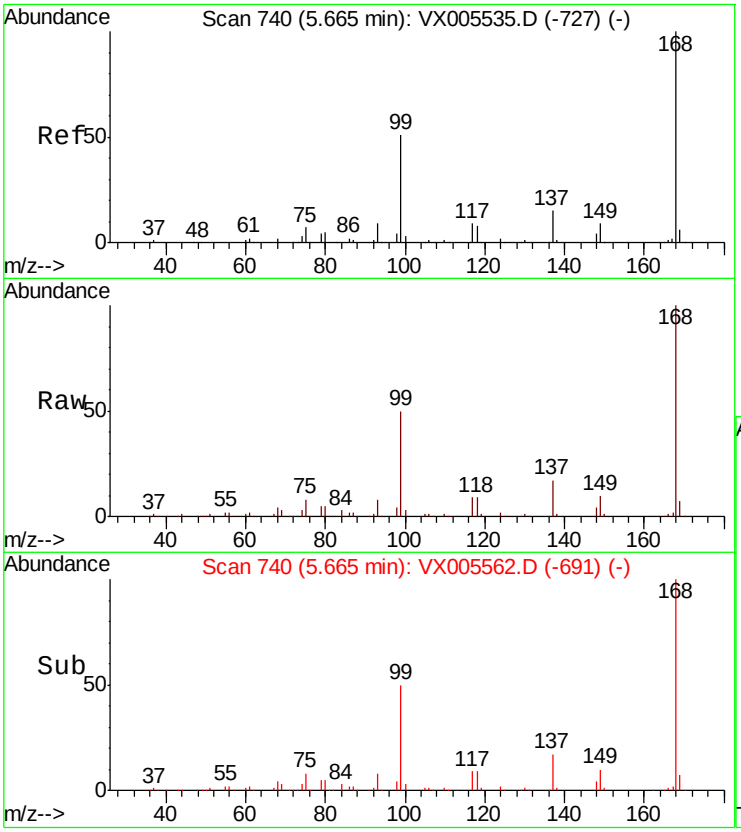
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005562.D
Acq On : 25 Oct 2018 01:25
Operator : JC/MD
Sample : J5198-24
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Quant Time: Oct 25 05:56:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



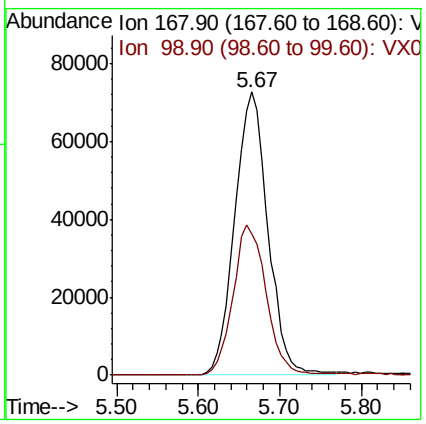


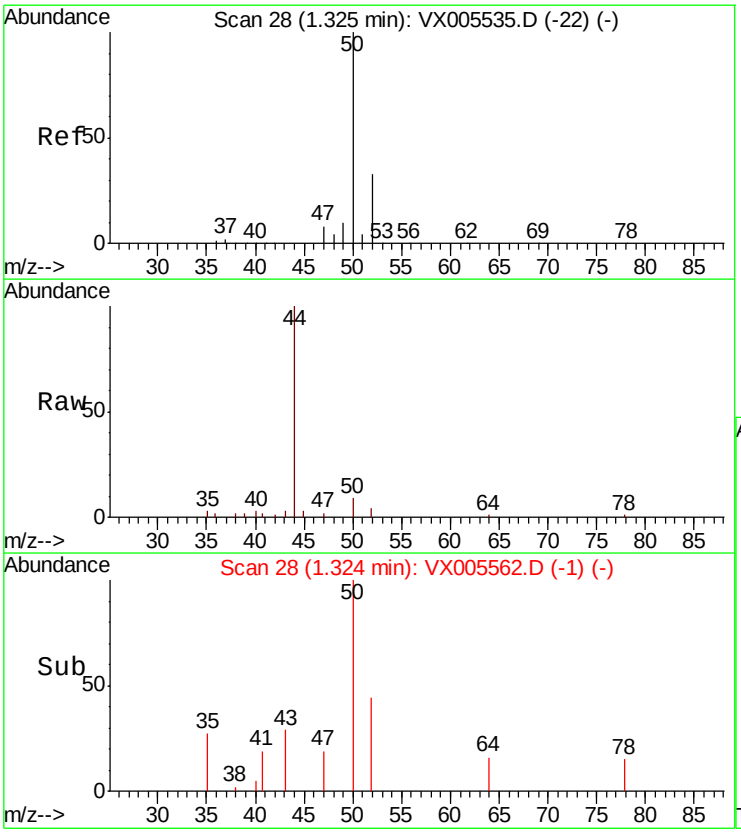
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion:168 Resp: 205646

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.9	59.9

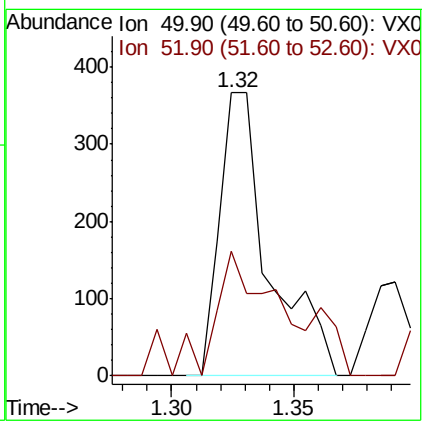


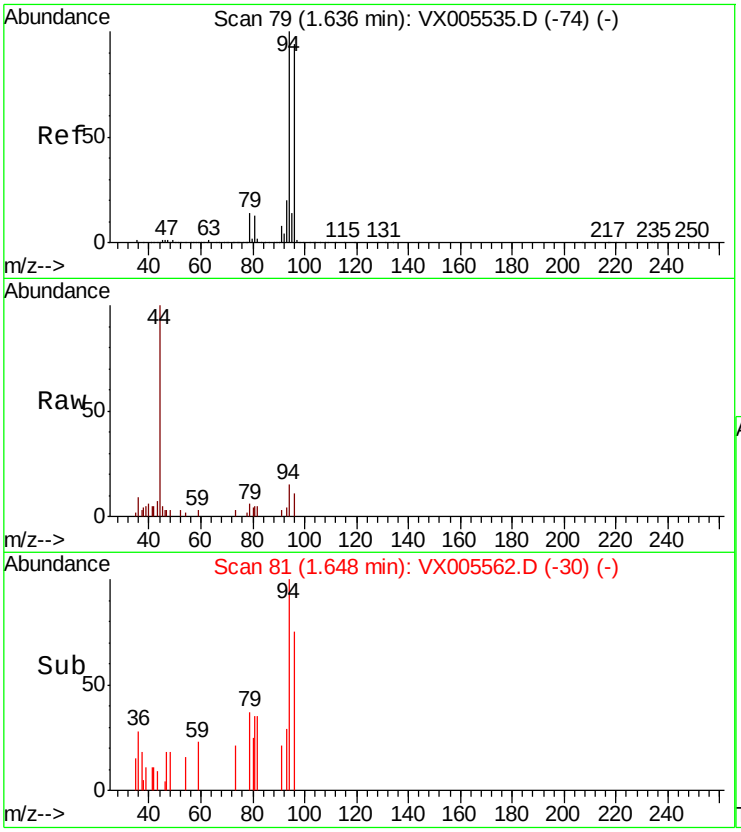


#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 50 Resp: 517

Ion	Ratio	Lower	Upper
50	100		
52	28.9	26.2	39.2



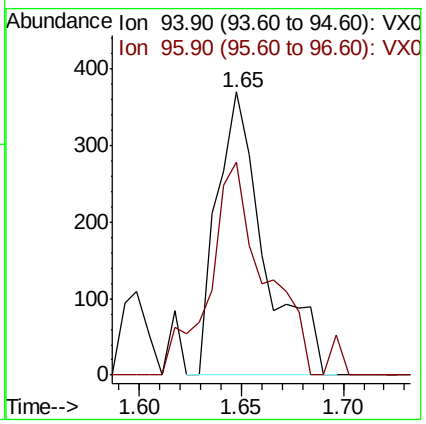


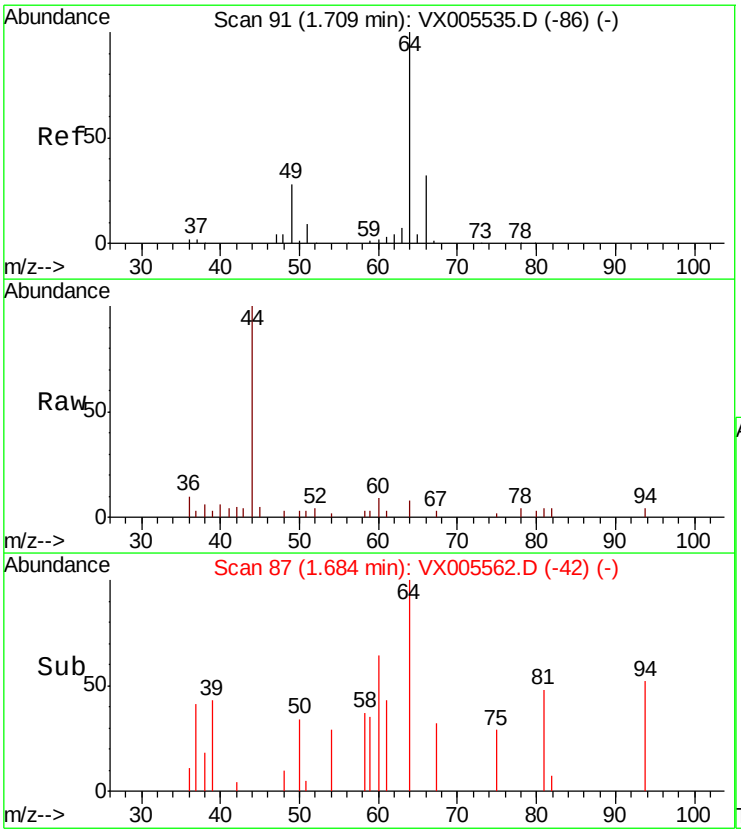
#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 94 Resp: 602

Ion	Ratio	Lower	Upper
94	100		
96	61.1	74.5	111.7#

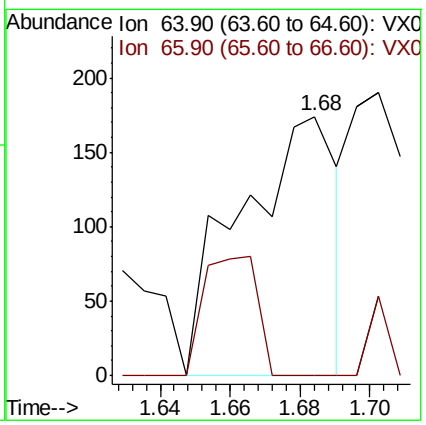


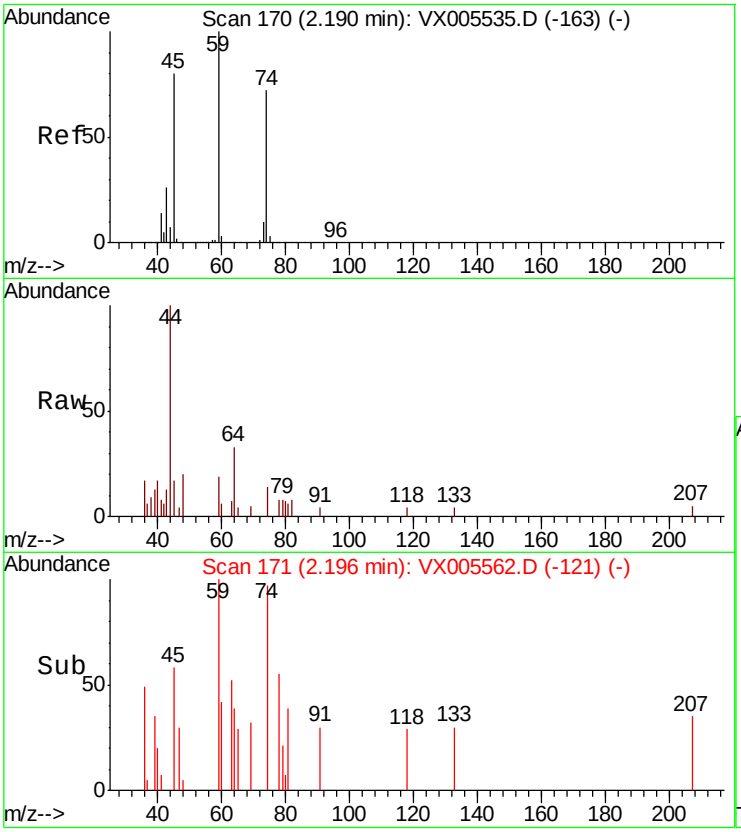


#6
Chloroethane
Concen: 0.206 ug/l
RT: 1.68 min Scan# 87
Delta R.T. -0.02 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 64 Resp: 335

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



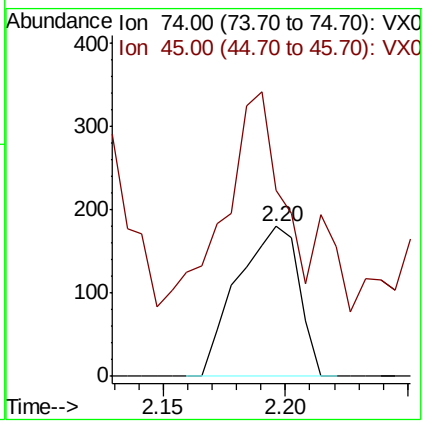


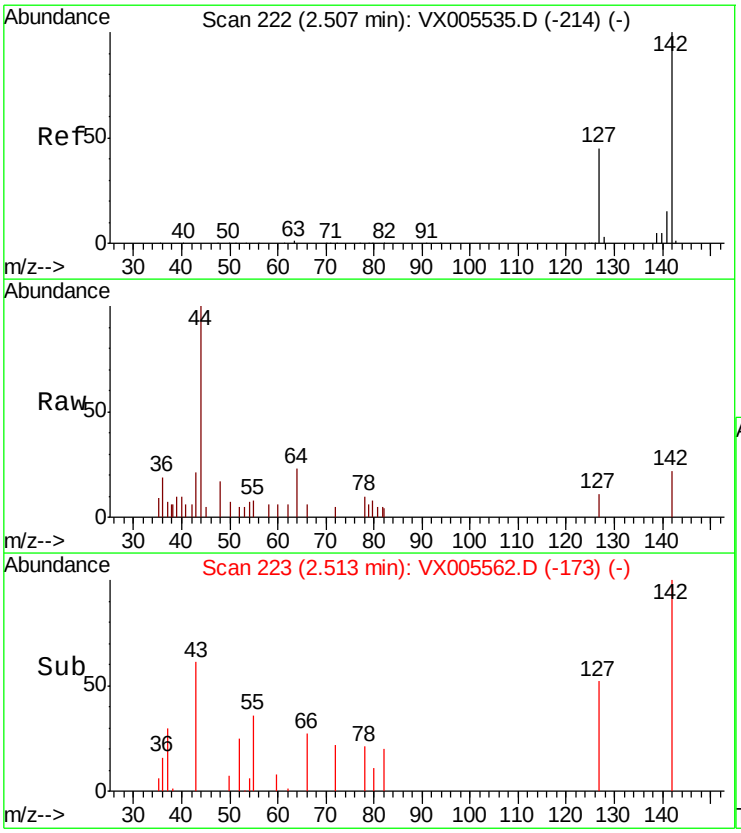
#8
Diethyl Ether
Concen: 0.223 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 74 Resp: 315

Ion	Ratio	Lower	Upper
74	100		
45	104.4	48.3	144.8

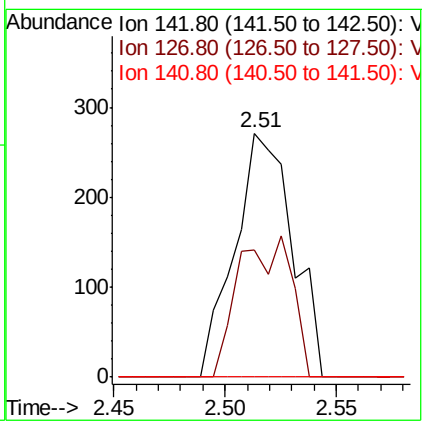


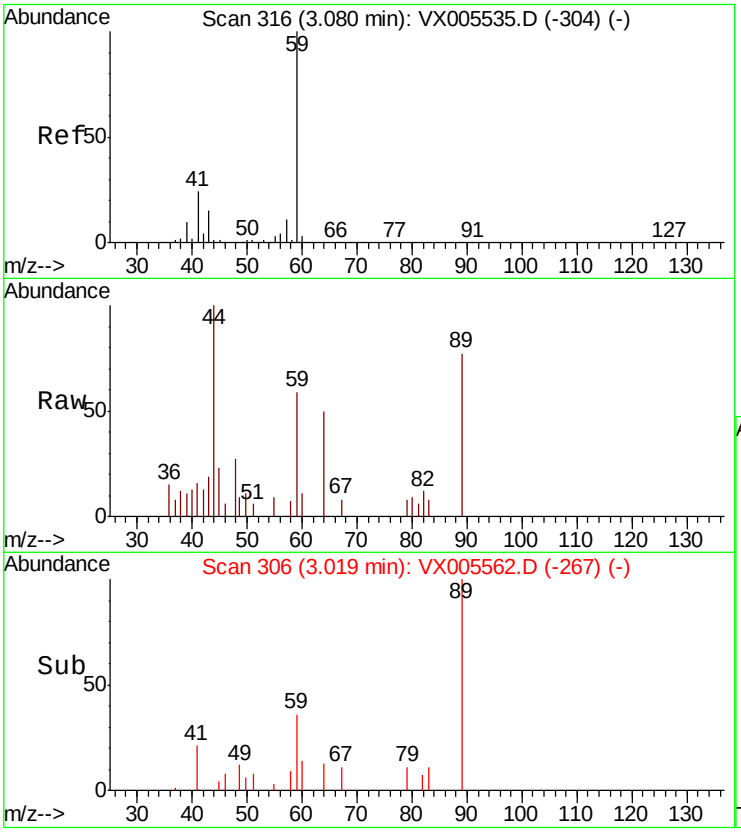


#10
Methyl Iodide
Concen: 2.945 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion:142 Resp: 491

Ion	Ratio	Lower	Upper
142	100		
127	53.0	33.8	50.6#
141	0.0	11.4	17.0#



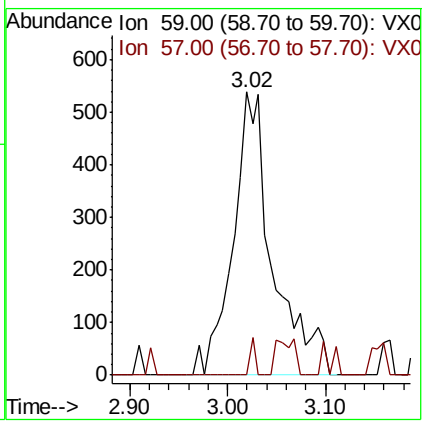


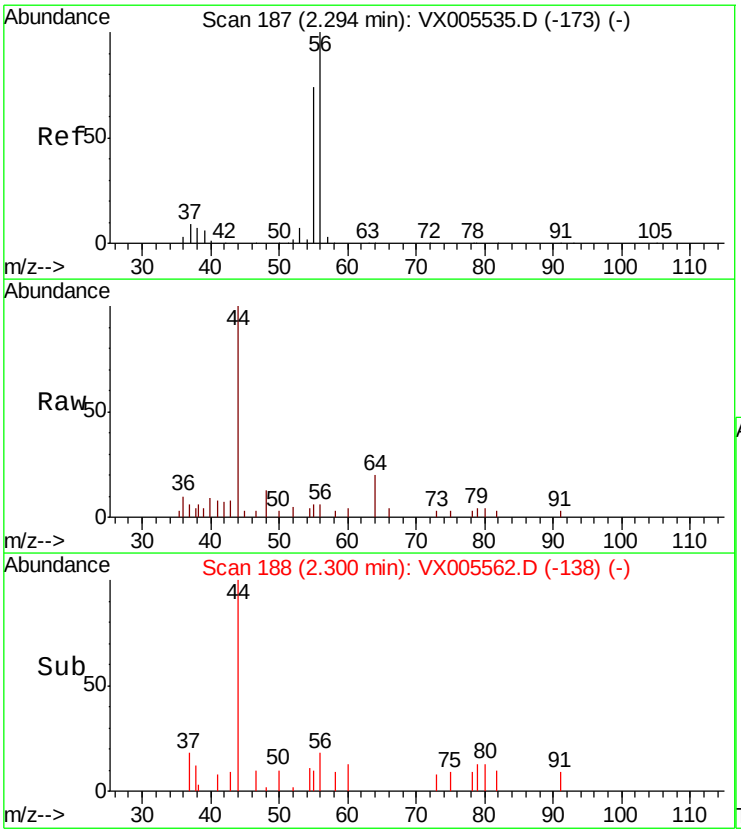
#11
Tert butyl alcohol
Concen: 2.250 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 59 Resp: 1520

Ion	Ratio	Lower	Upper
59	100		
57	1.7	8.2	12.4#

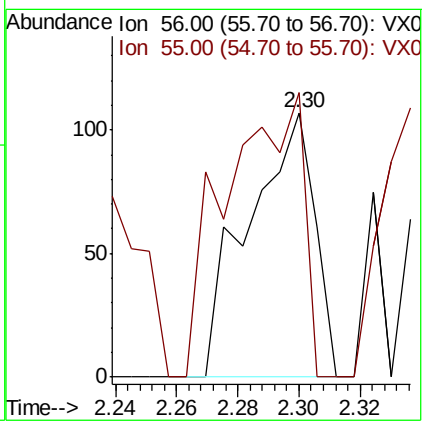


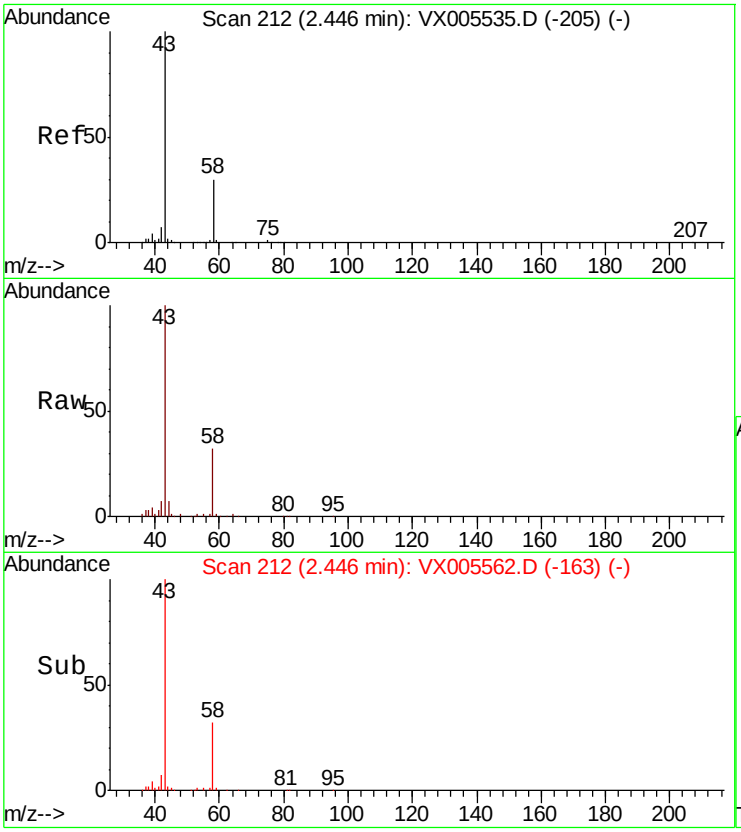


#13
Acrolein
Concen: 0.467 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 56 Resp: 161

Ion	Ratio	Lower	Upper
56	100		
55	124.2	54.7	82.1#



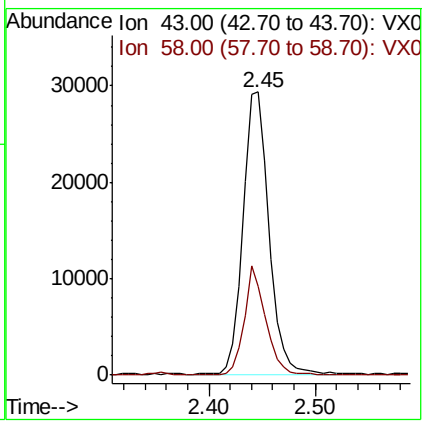


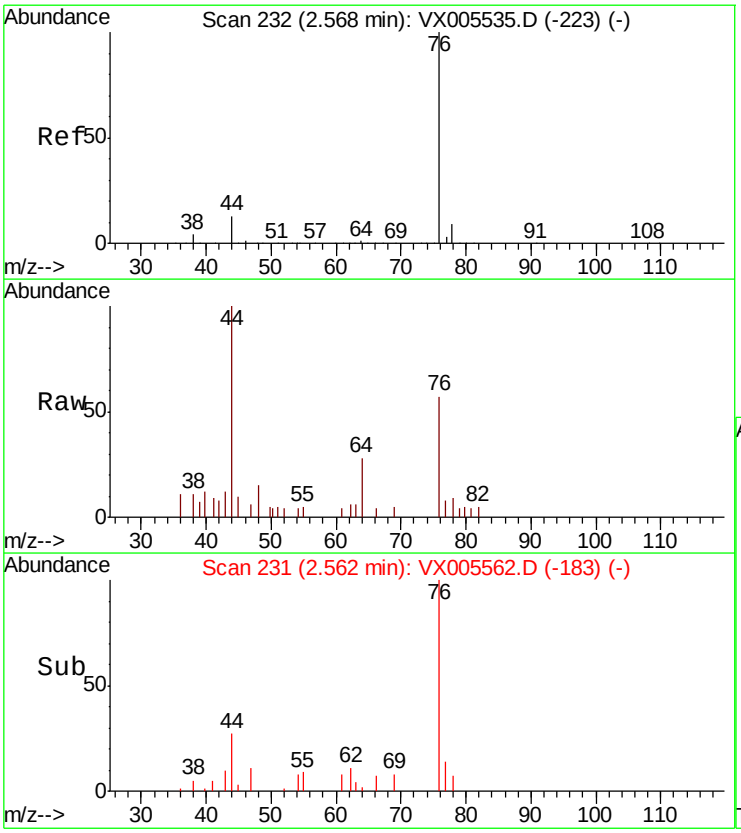
#16
Acetone
Concen: 37.706 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 43 Resp: 50016

Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.2	39.4

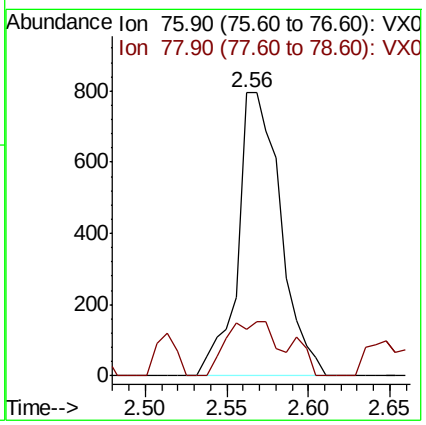


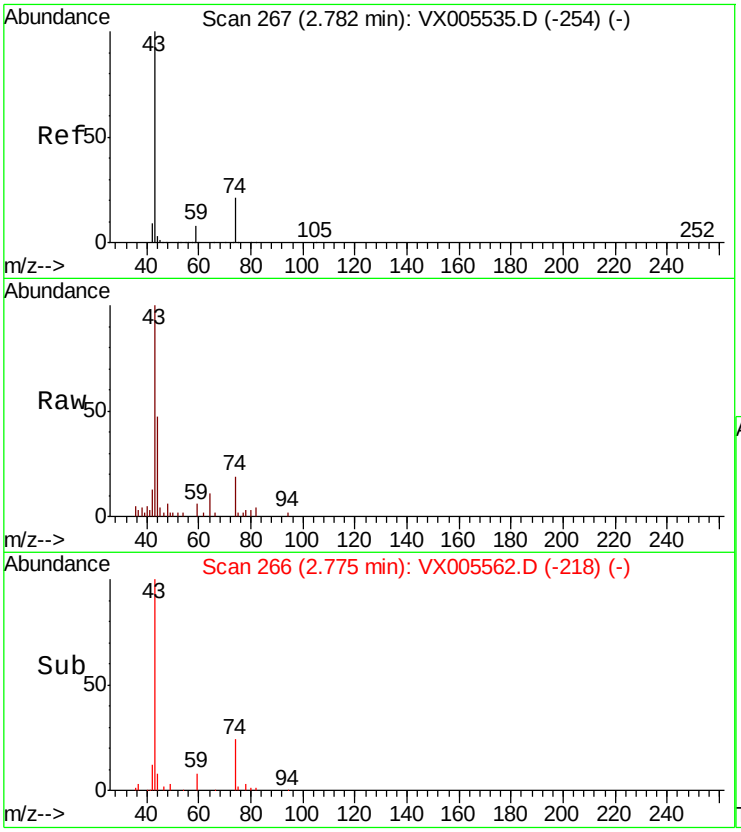


#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 76 Resp: 1454

Ion	Ratio	Lower	Upper
76	100		
78	16.2	7.0	10.6#



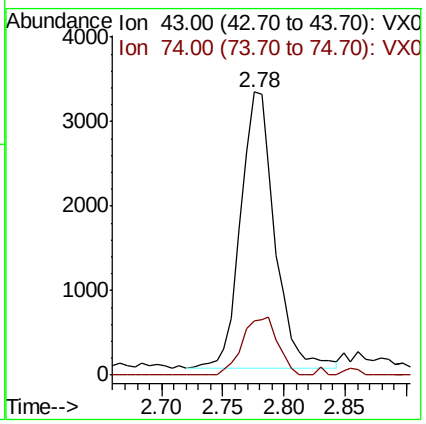


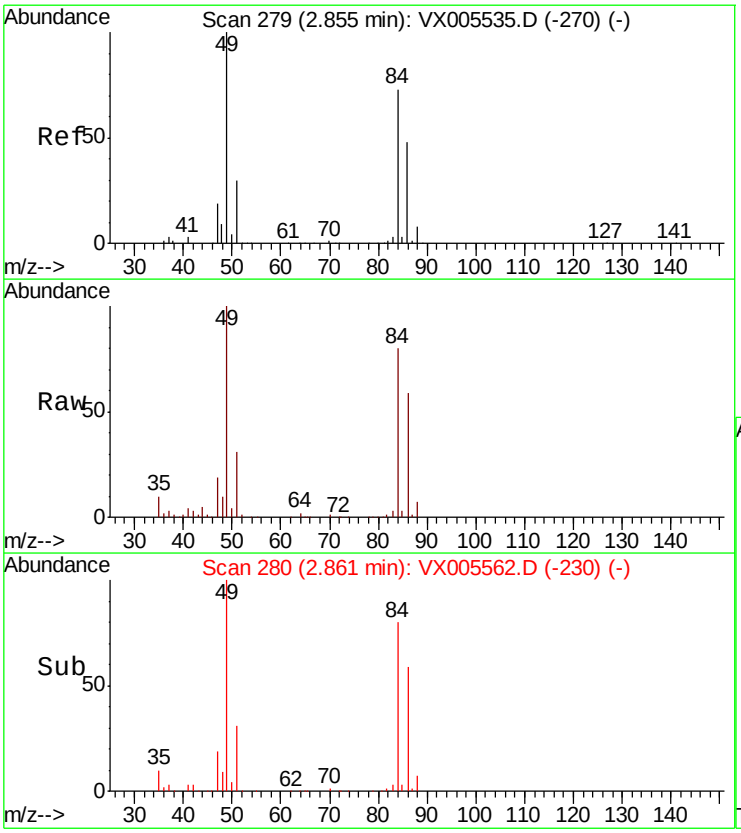
#18
Methyl Acetate
Concen: 0.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 43 Resp: 6374

Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.2

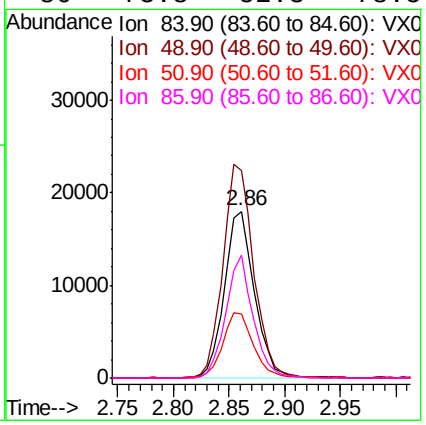


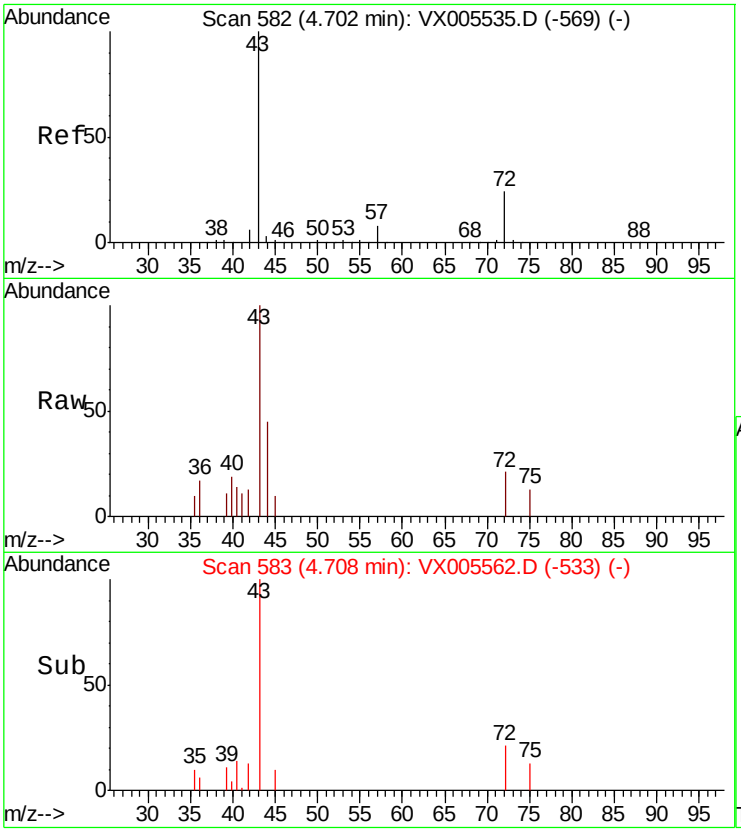


#20
Methylene Chloride
Concen: 15.138 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 84 Resp: 33630

Ion	Ratio	Lower	Upper
84	100		
49	124.0	101.2	151.8
51	38.1	29.5	44.3
86	73.8	52.3	78.5



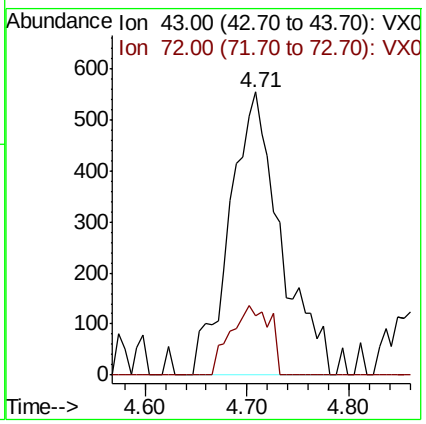


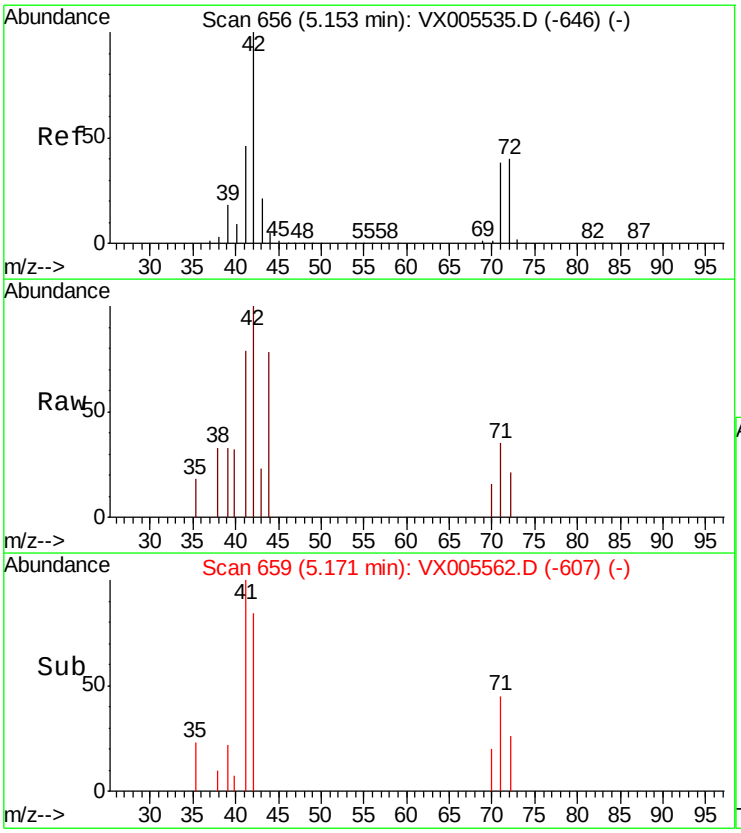
#25
2-Butanone
Concen: 0.950 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 43 Resp: 1919

Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.0	33.0#

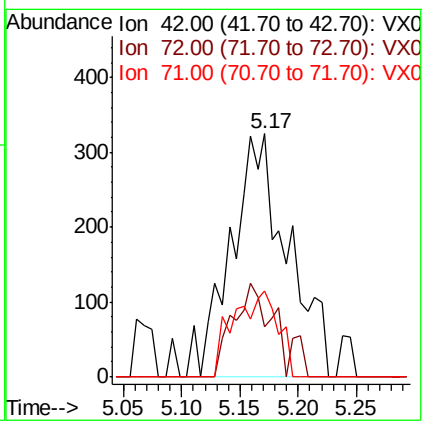


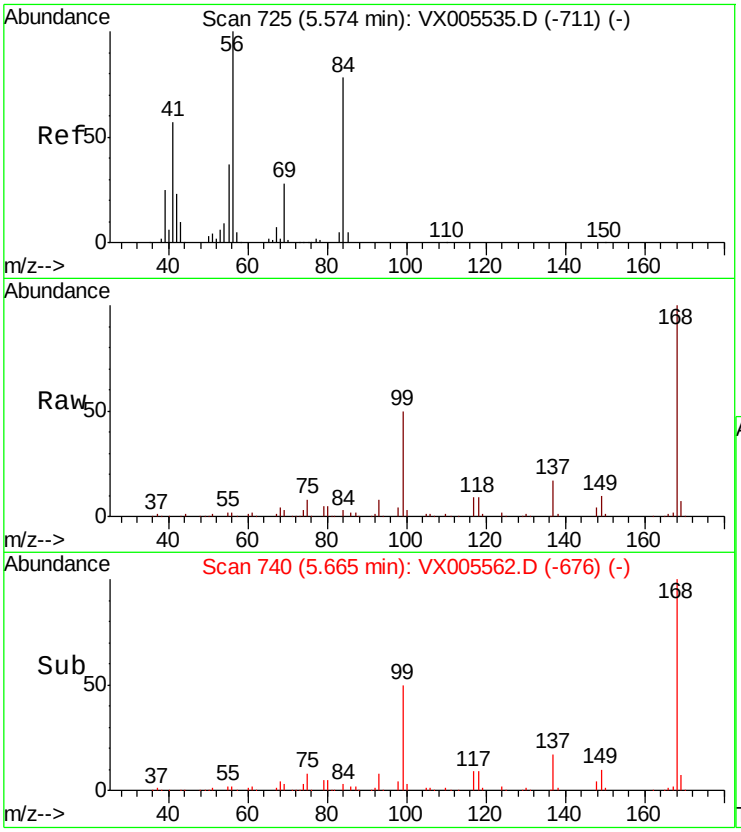


#29
Tetrahydrofuran
Concen: 0.838 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 42 Resp: 1102

Ion	Ratio	Lower	Upper
42	100		
72	25.5	37.4	56.0#
71	27.8	34.5	51.7#



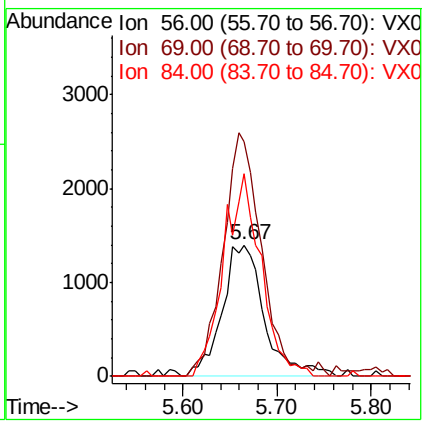


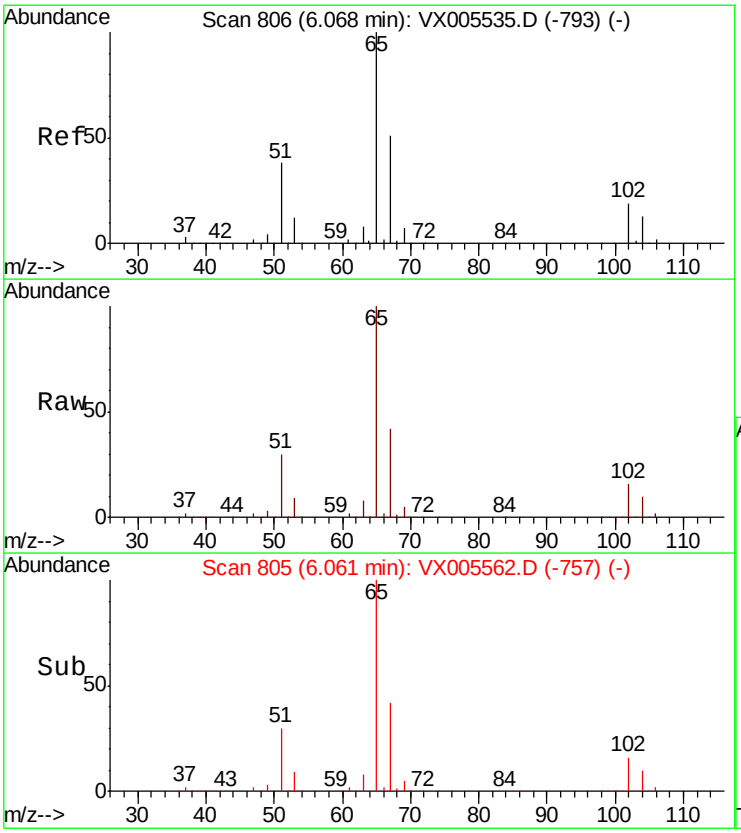
#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 56 Resp: 4344

Ion	Ratio	Lower	Upper
56	100		
69	179.0	25.4	38.2#
84	154.4	71.4	107.2#

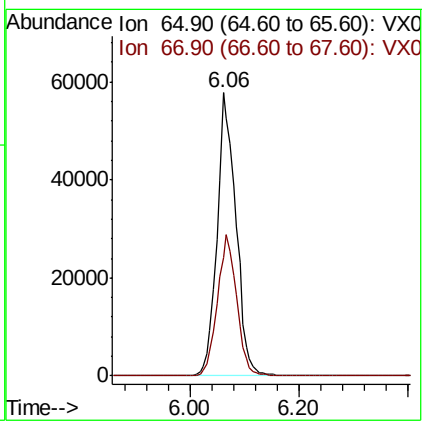


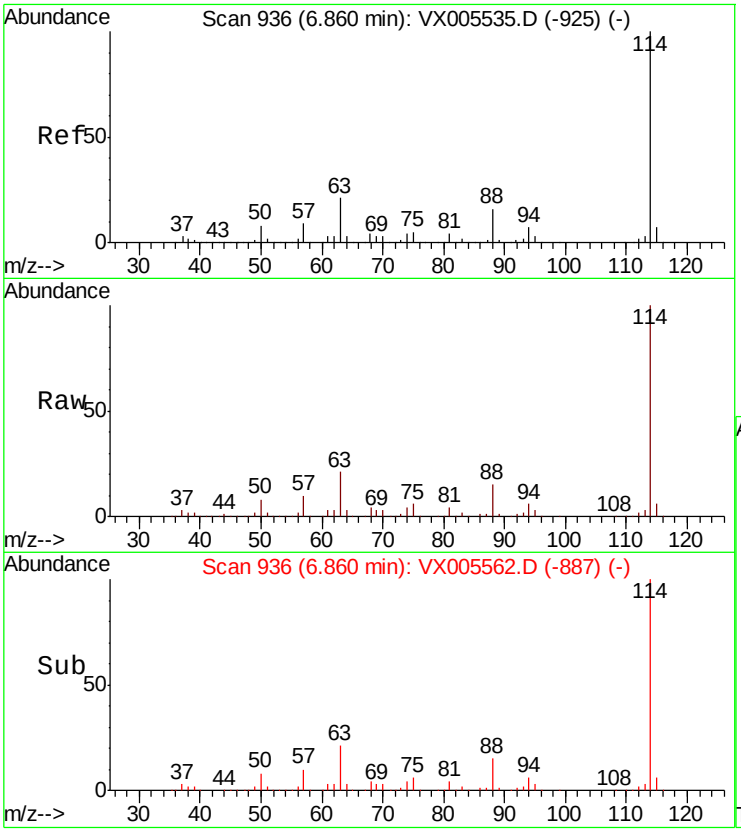


#33
1,2-Dichloroethane-d4
Concen: 55.287 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 65 Resp: 138786

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.8



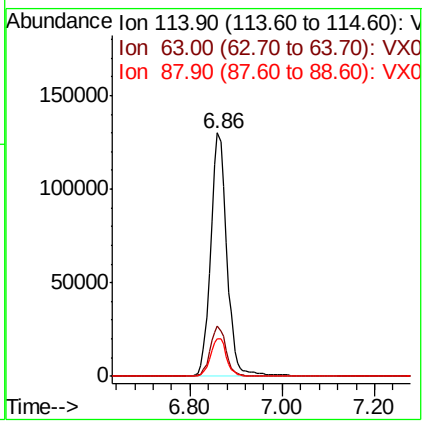


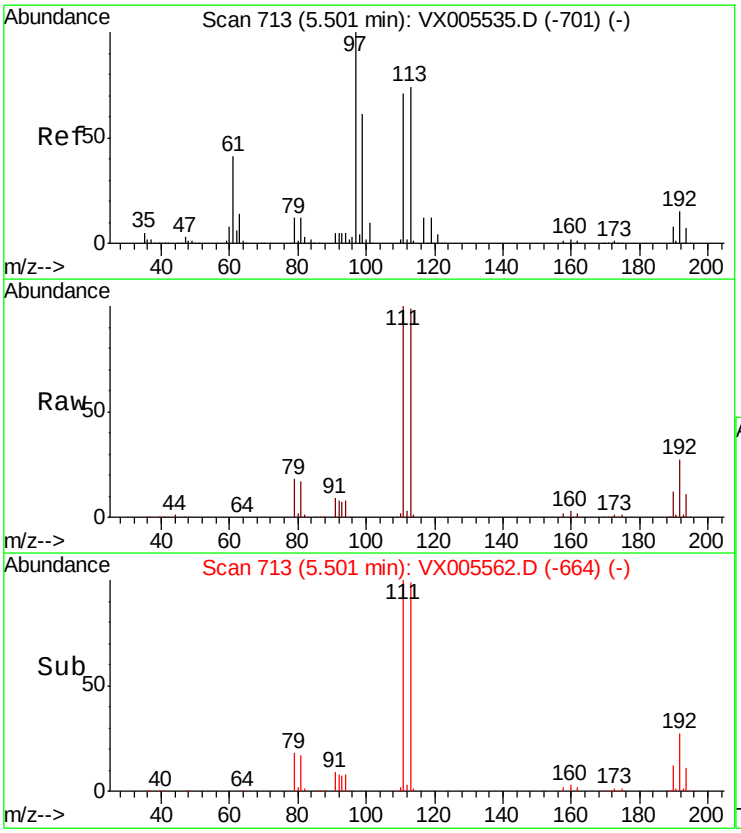
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion:114 Resp: 317580

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.0
88	15.4	0.0	30.4

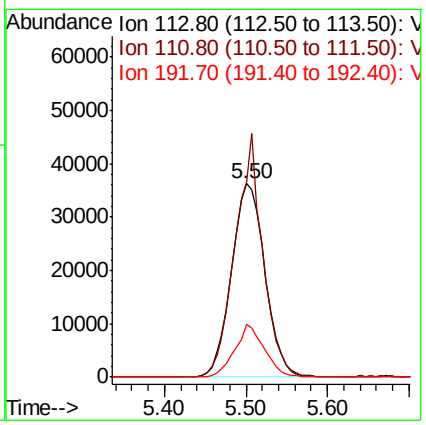


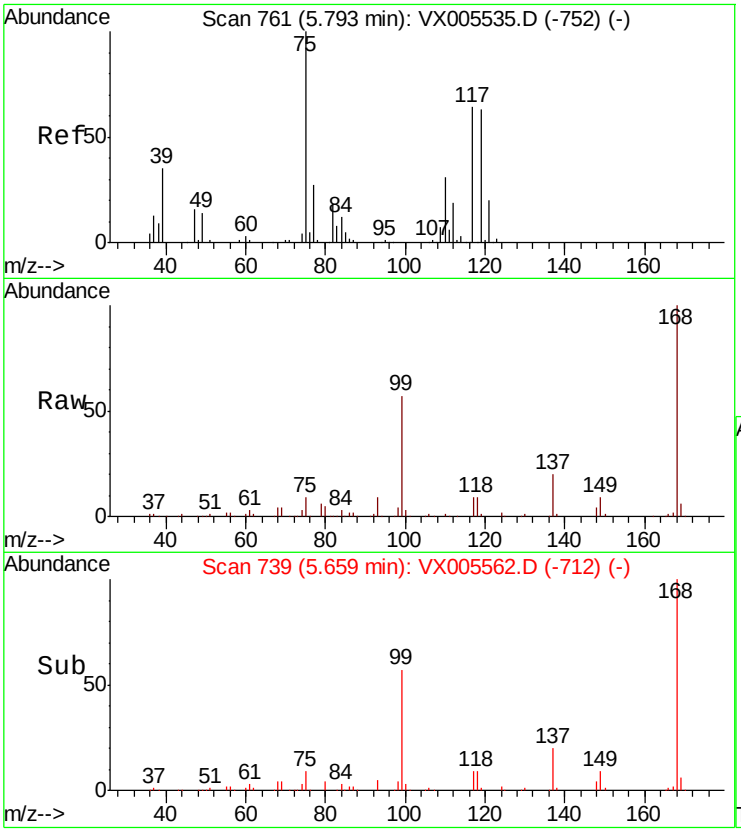


#35
Dibromofluoromethane
Concen: 47.978 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion:113 Resp: 103170

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	24.0	19.4	29.2



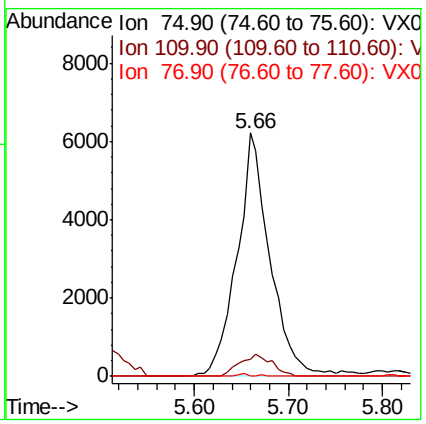


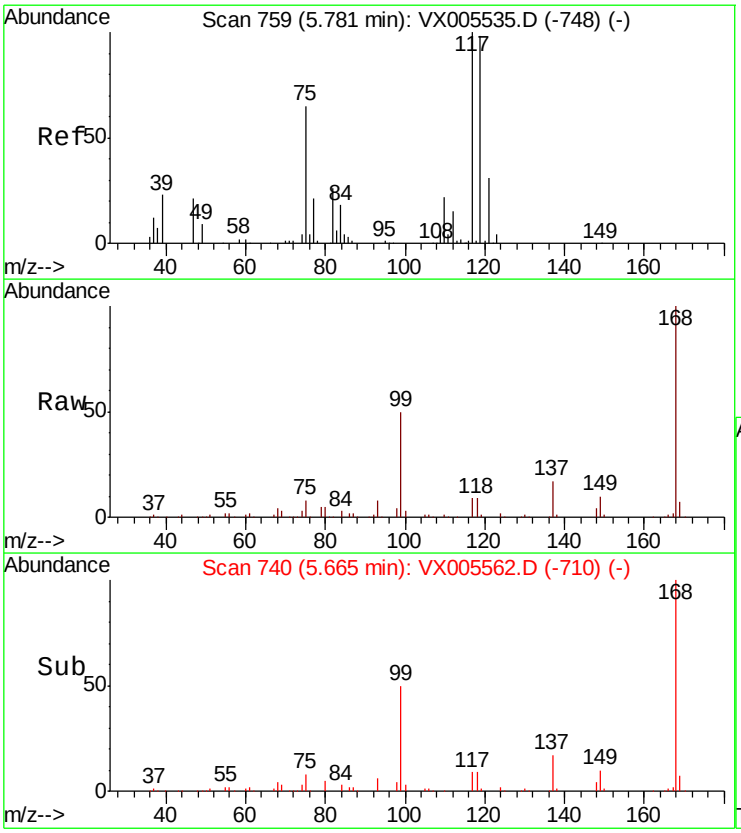
#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 75 Resp: 15121

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.0	54.0#
77	0.1	24.6	36.8#

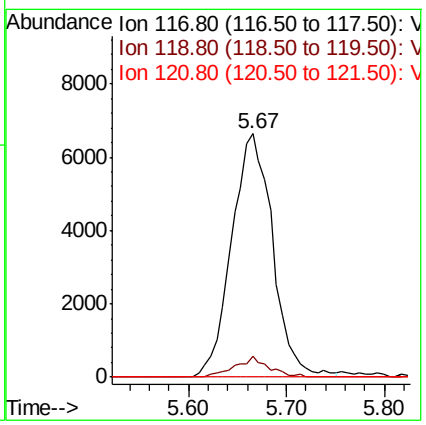


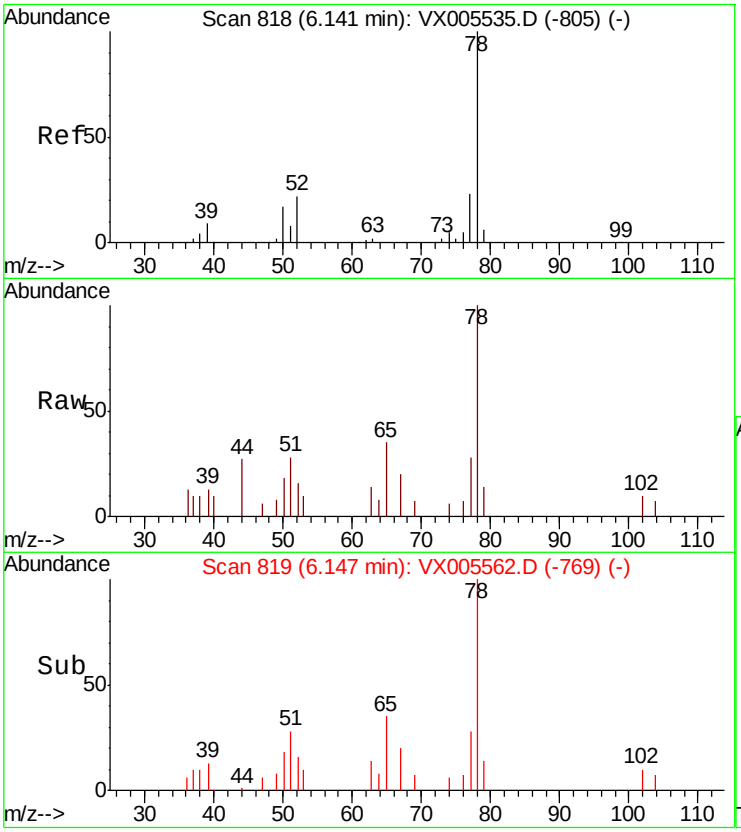


#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion:117 Resp: 19284

Ion	Ratio	Lower	Upper
117	100		
119	8.3	78.8	118.2#
121	0.0	24.9	37.3#



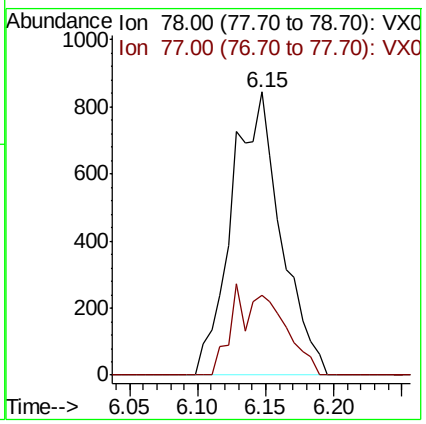


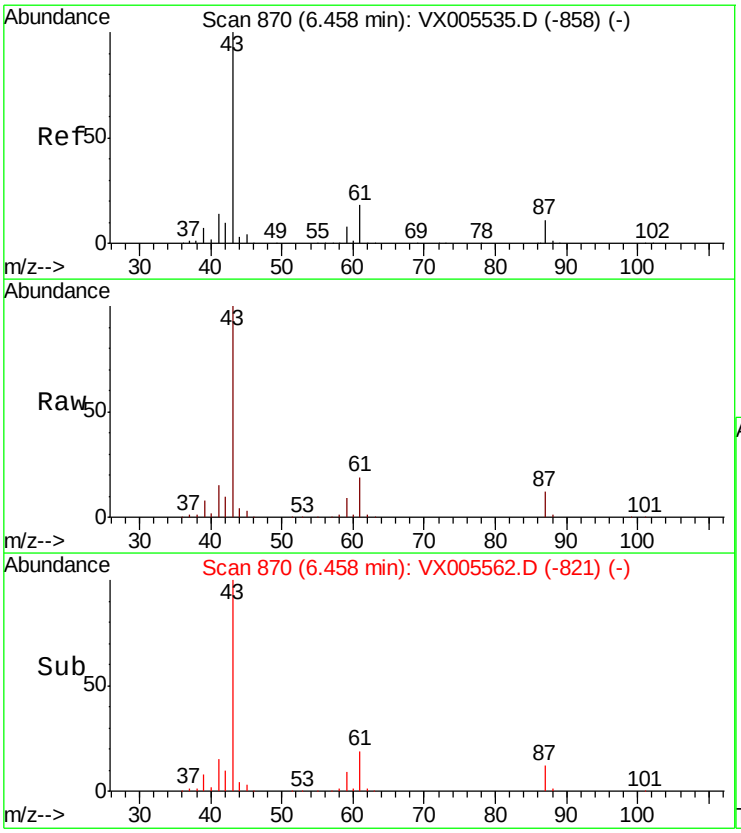
#40
Benzene
Concen: 0.243 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 78 Resp: 2146

Ion	Ratio	Lower	Upper
78	100		
77	28.2	19.0	28.4

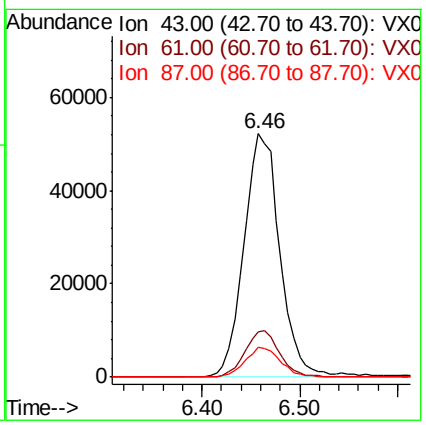


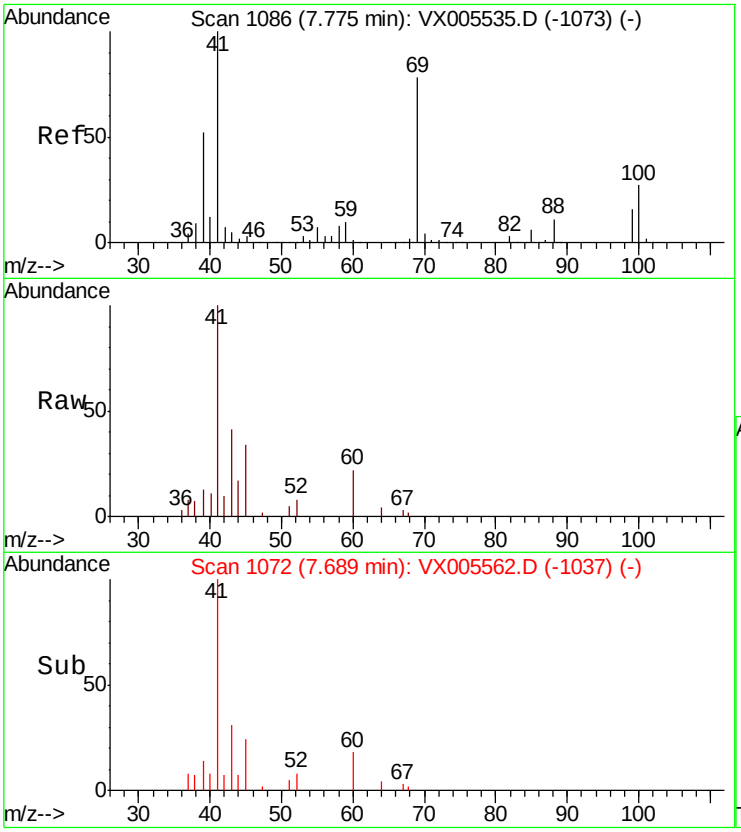


#43
Isopropyl Acetate
Concen: 22.615 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 43 Resp: 133280

Ion	Ratio	Lower	Upper
43	100		
61	18.7	17.0	25.4
87	12.2	11.4	17.2



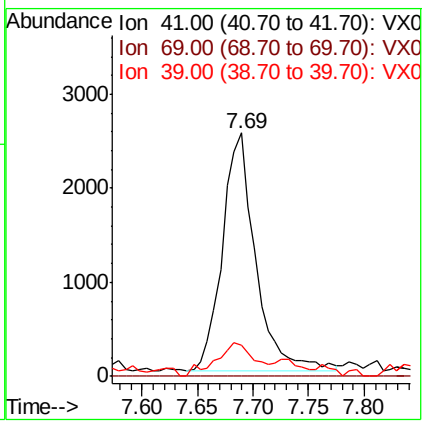


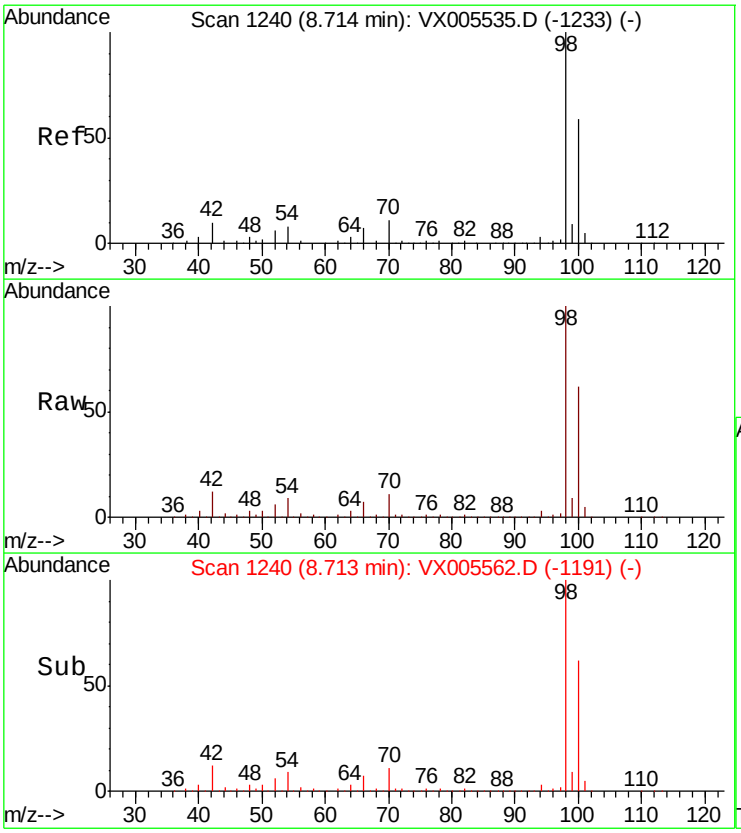
#48
Methyl methacrylate
Concen: 1.830 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion: 41 Resp: 5253

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	16.1	42.7	64.1#

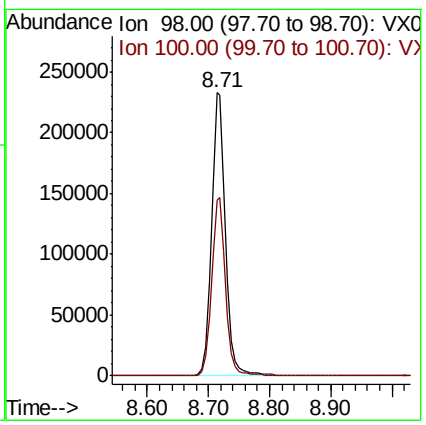


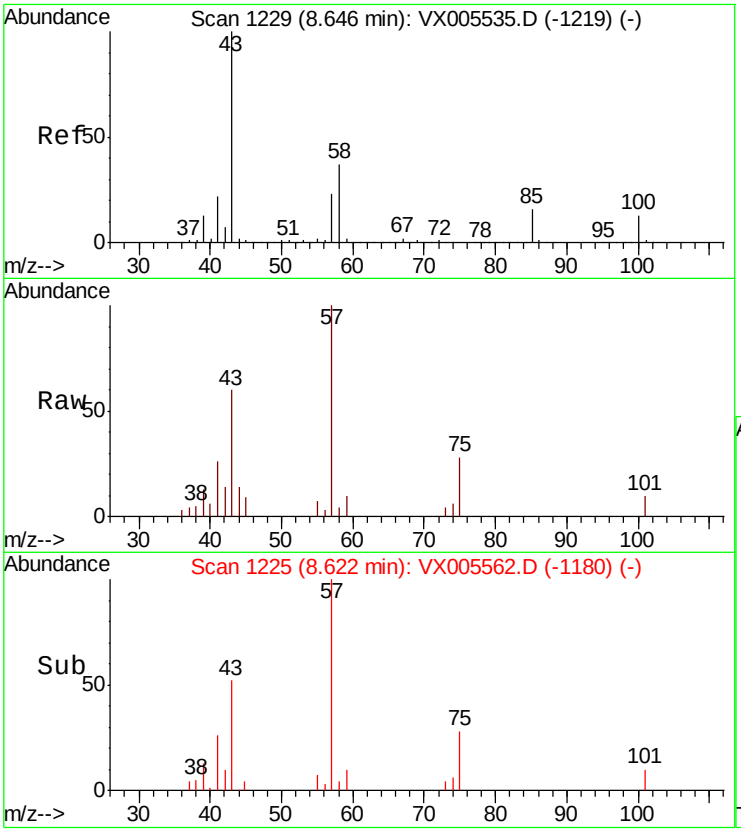


#50
Toluene-d8
Concen: 49.237 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 98 Resp: 380440

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3



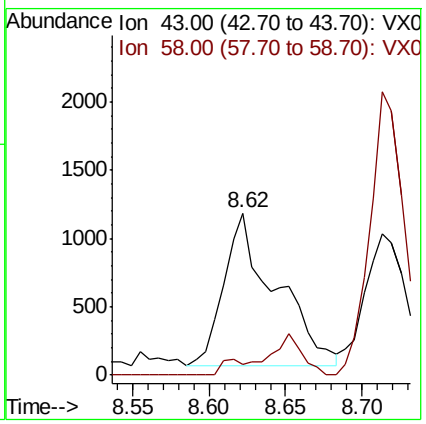


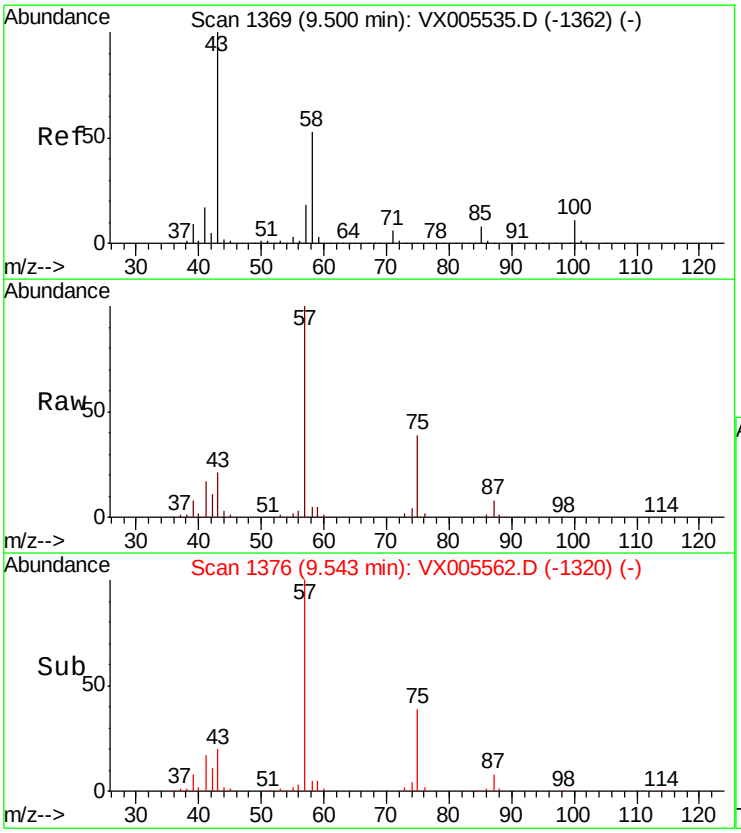
#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 43 Resp: 2615

Ion	Ratio	Lower	Upper
43	100		
58	4.2	33.1	49.7#

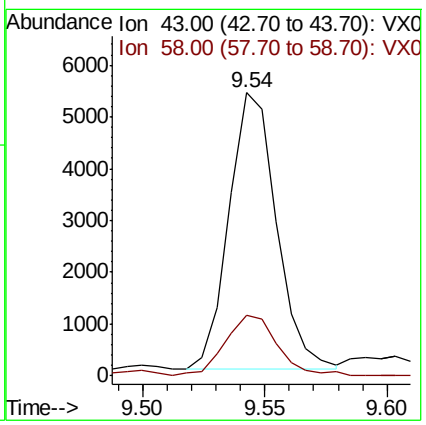


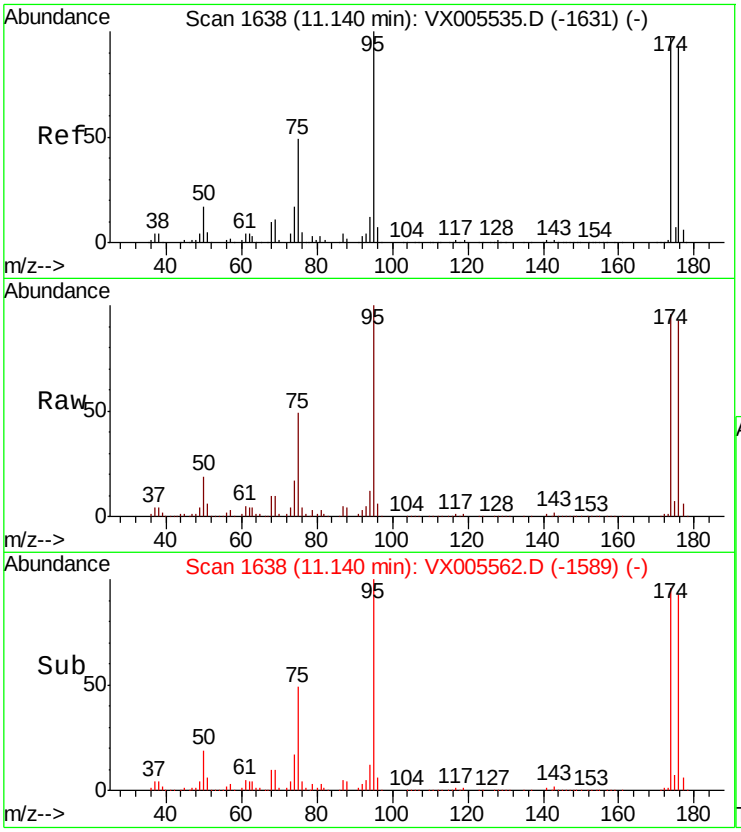


#59
2-Hexanone
Concen: 2.305 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 43 Resp: 7199

Ion	Ratio	Lower	Upper
43	100		
58	24.4	29.0	87.0#



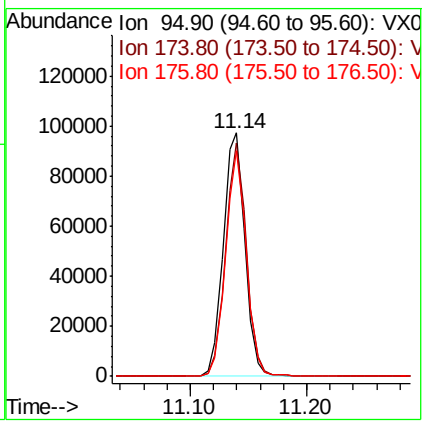


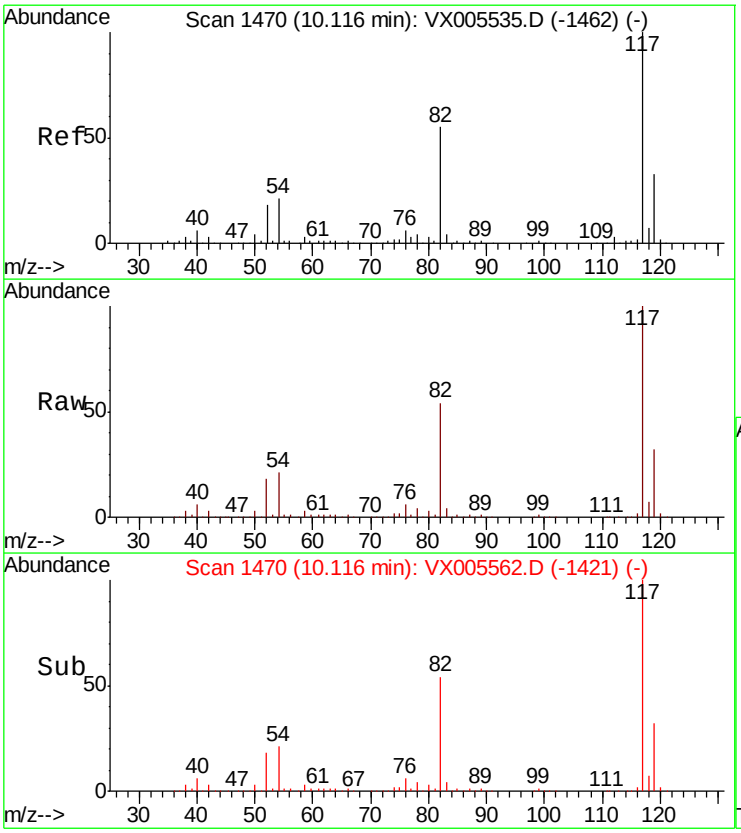
#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 95 Resp: 124929

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	185.2
176	89.0	0.0	178.6

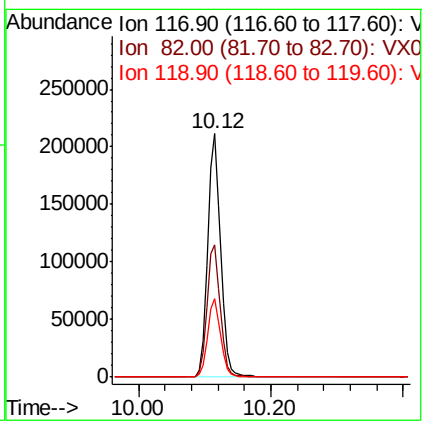


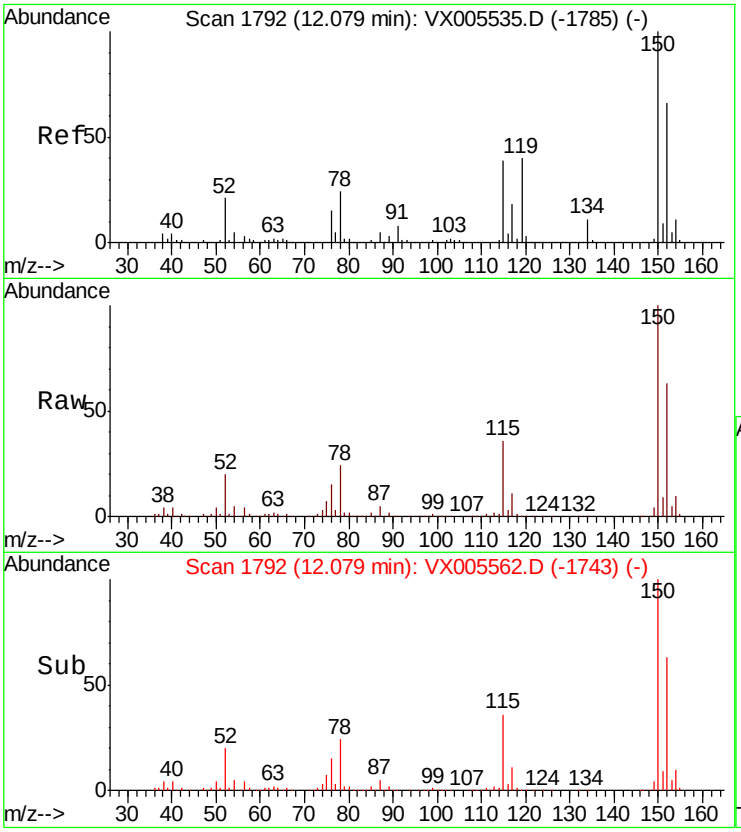


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion:117 Resp: 286552

Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.8	71.6
119	32.1	29.3	43.9



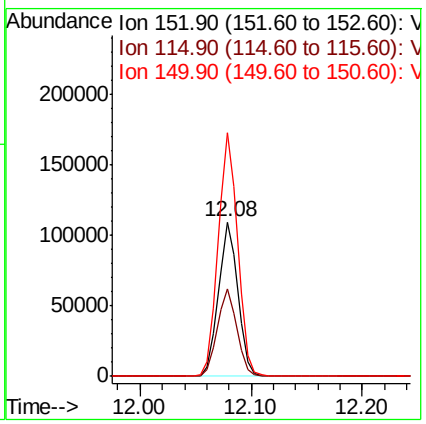


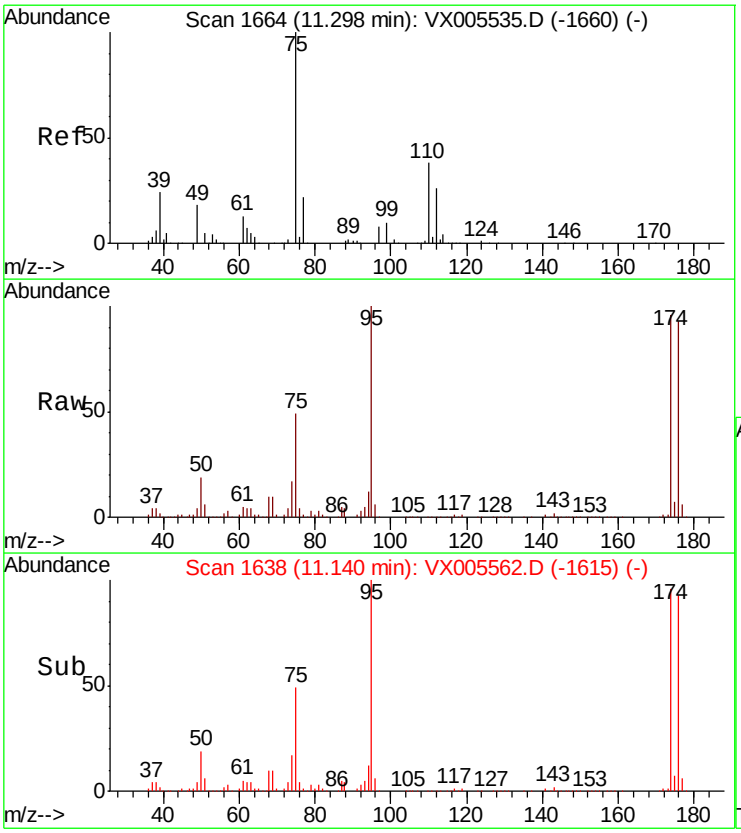
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument : MSVOA_X
ClientSampleId : CL-01-102318-B

Tgt Ion:152 Resp: 132033

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	117.0
150	157.9	0.0	351.0

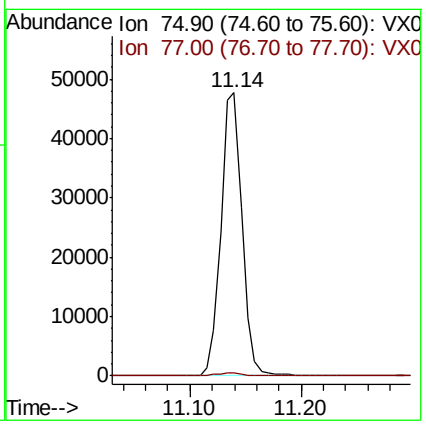


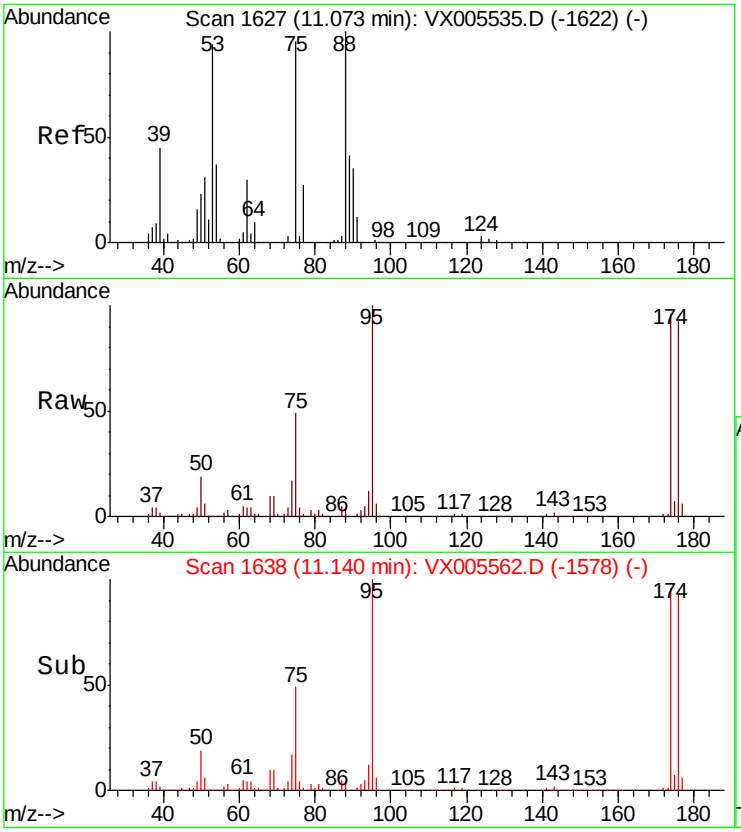


#76
1,2,3-Trichloropropane
Concen: 23.205 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion: 75 Resp: 62405

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



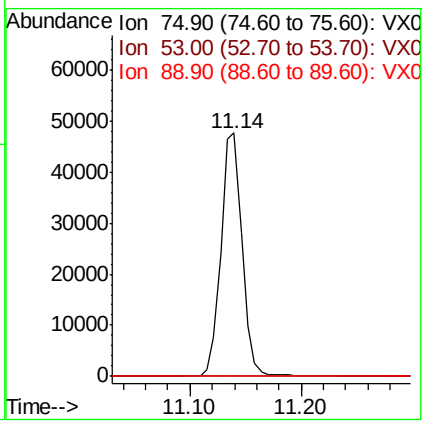


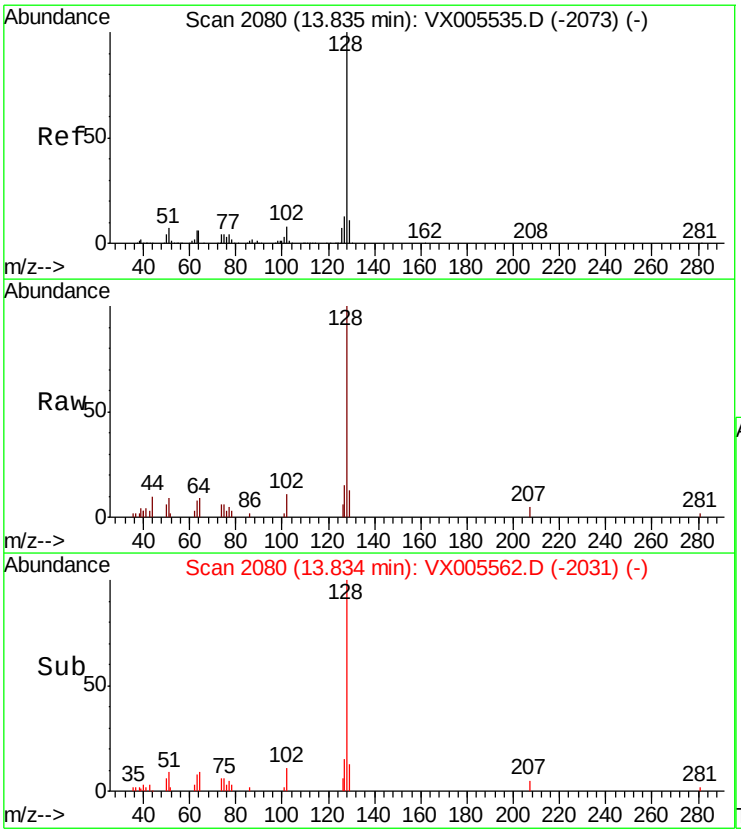
#81
trans-1,4-Dichloro-2-butene
Concen: 72.891 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
CL-01-102318-B

Tgt Ion: 75 Resp: 62405

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.1	120.1#
89	0.1	37.2	55.8#





#95
Naphthalene
Concen: 0.372 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005562.D
Acq: 25 Oct 2018 01:25

Tgt Ion:128 Resp: 3355

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.2
129	11.6	8.6	12.8