Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005157.D
Acq On : 09 Oct 2018 14:27
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Quant Time: Oct 10 05:51:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159403	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.44%			
35) Dibromofluoromethane	5.50	113	128227	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
50) Toluene-d8	8.71	98	455194	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
62) 4-Bromofluorobenzene	11.14	95	165746	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.68%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	846	0.262	ug/l	94
5) Bromomethane	1.64	94	998	0.556	ug/l	92
6) Chloroethane	1.72	64	182	Below Cal	#	37
11) Tert butyl alcohol	3.02	59	1945	2.497	ug/l #	80
13) Acrolein	2.29	56	306	0.552	ug/l #	34
15) Acrylonitrile	3.15	53	1177	0.686	ug/l #	77
16) Acetone	2.45	43	762	0.468	ug/l	99
17) Carbon Disulfide	2.57	76	2541	0.400	ug/l #	80
18) Methyl Acetate	2.78	43	921	0.223	ug/l #	89
20) Methylene Chloride	2.85	84	493	Below Cal		91
21) trans-1,2-Dichloroethene	3.17	96	490	0.212	ug/l #	80
25) 2-Butanone	4.70	43	538	0.224	ug/l #	49
29) Tetrahydrofuran	5.18	42	1059	0.711	ug/l #	84
31) Cyclohexane	5.66	56	3828	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13641	3.745	ug/l #	46
38) Carbon Tetrachloride	5.66	117	17667	4.615	ug/l #	18
56) Ethyl methacrylate	9.18	69	53	2.873	ug/l #	48
58) 2-Chloroethyl Vinyl ether	8.32	63	182	14.315	ug/l #	49
70) Styrene	10.71	104	313	2.176	ug/l #	87
74) N-amyl acetate	10.90	43	116	1.766	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	81676	20.989	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	292	Below Cal		82
81) trans-1,4-Dichloro-2-buten	11.14	75	81676	56.957	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	384	Below Cal		78
94) Hexachlorobutadiene	13.79	225	742	0.329	ug/l	90
95) Naphthalene	13.83	128	2092	0.862	ug/l #	93

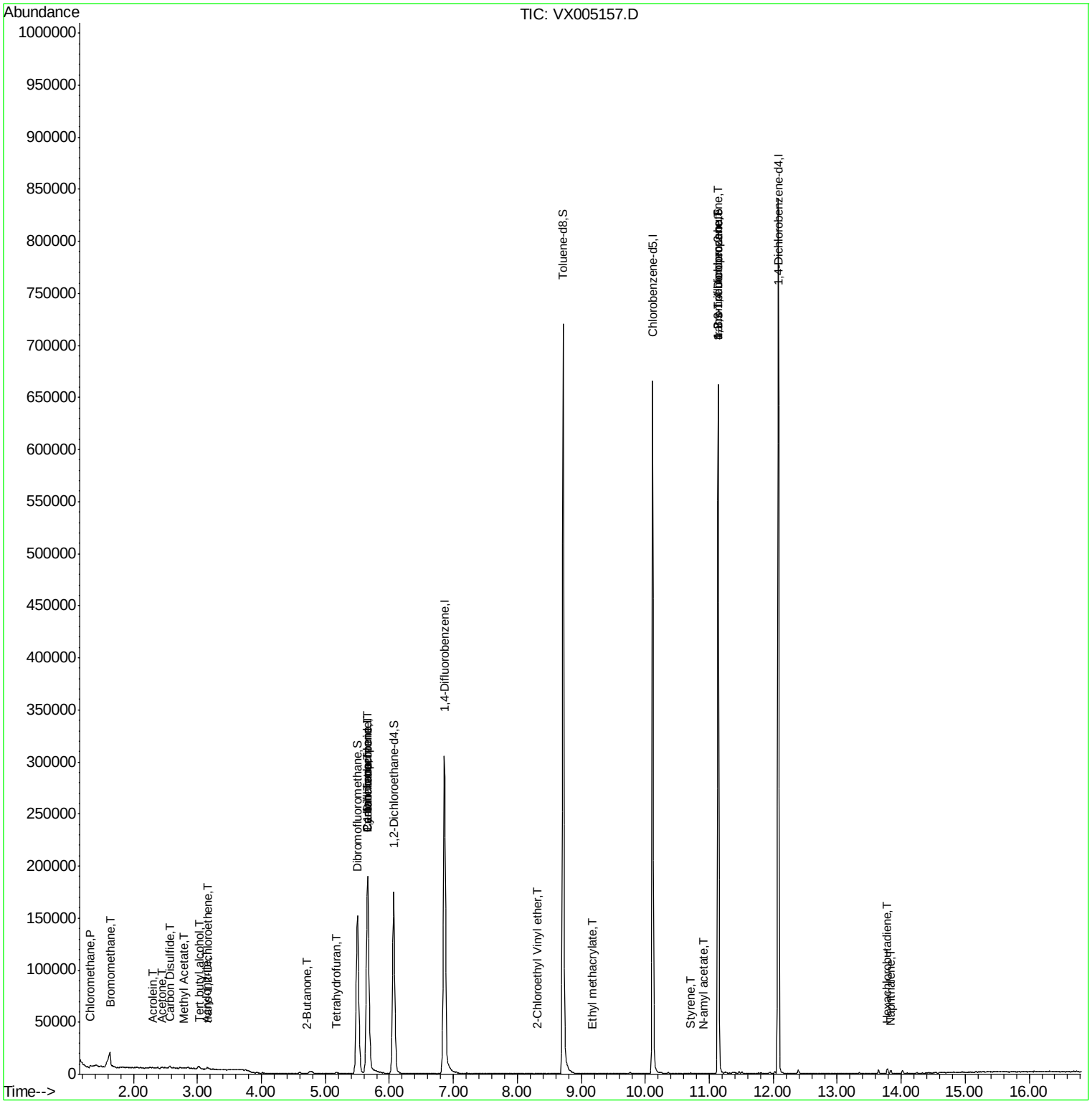
(#) = qualifier out of range (m) = manual integration (+) = signals summed

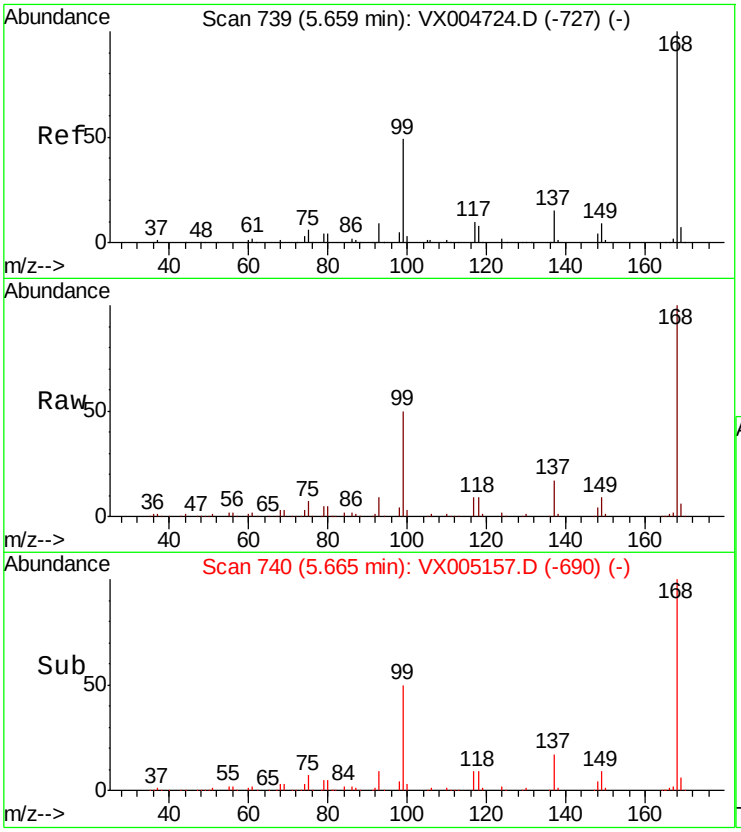
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005157.D
Acq On : 09 Oct 2018 14:27
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Time: Oct 10 05:51:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



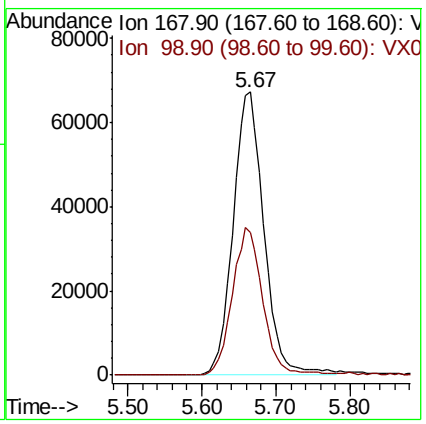


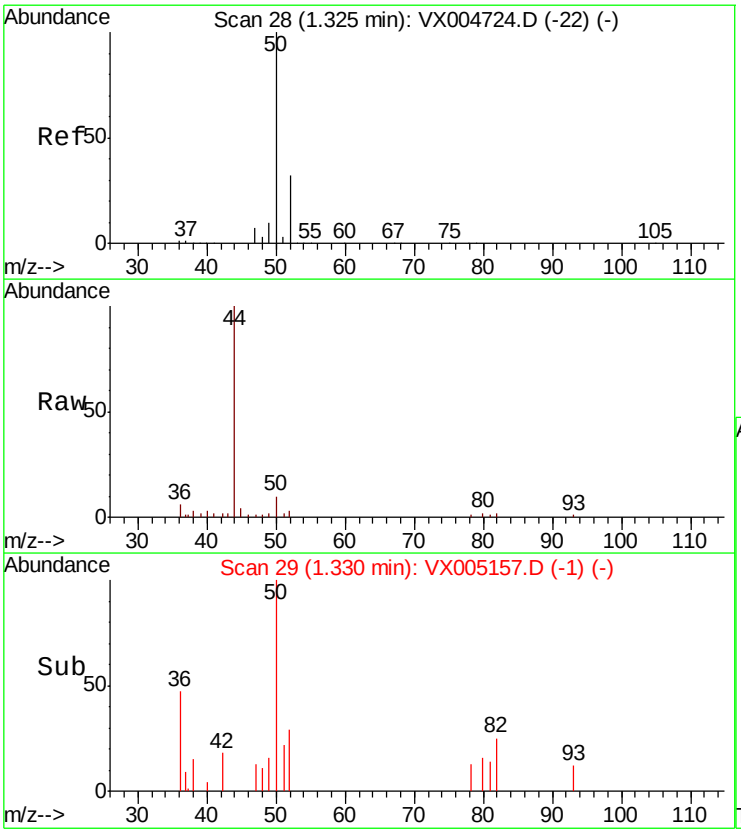
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion:168 Resp: 195026

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

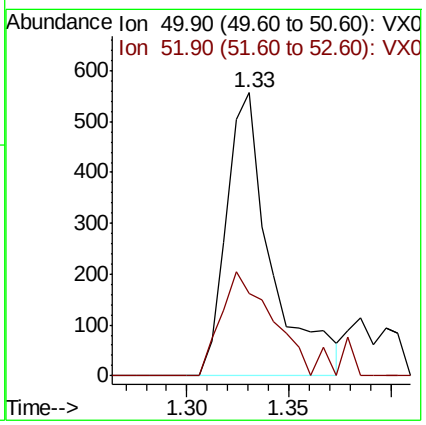


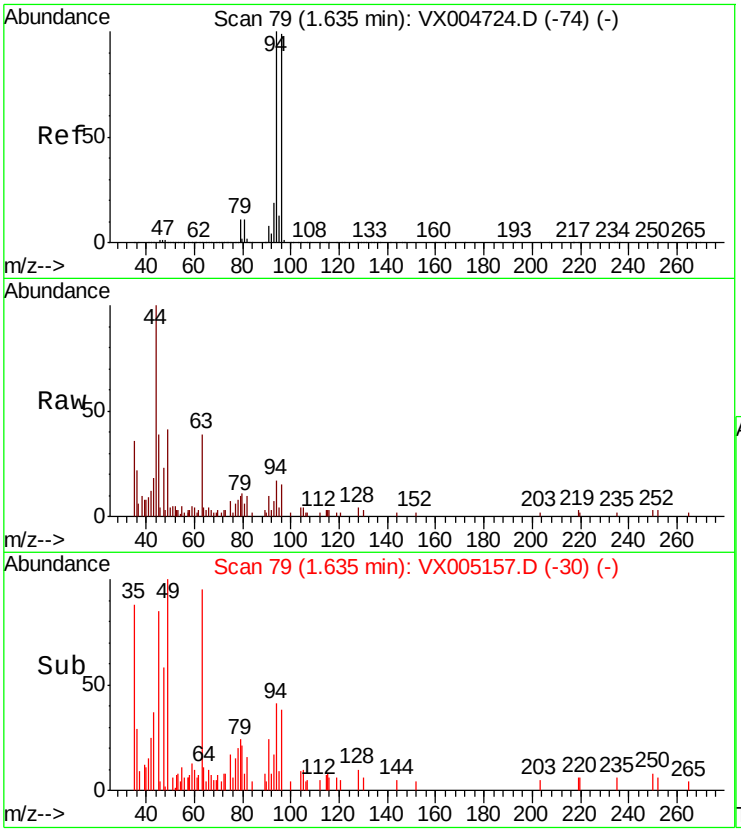


#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 50 Resp: 846

Ion	Ratio	Lower	Upper
50	100		
52	28.9	25.8	38.6



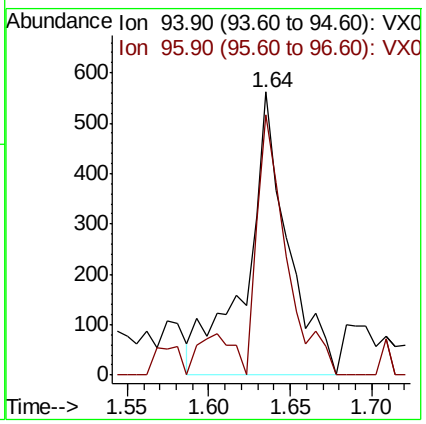


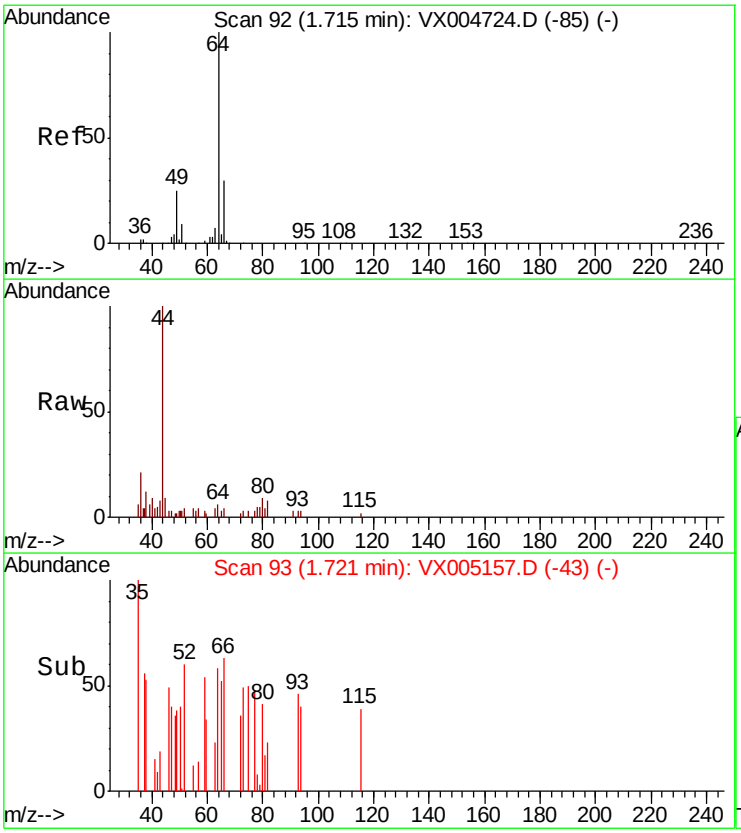
#5
Bromomethane
Concen: 0.556 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 94 Resp: 998

Ion	Ratio	Lower	Upper
94	100		
96	91.8	79.5	119.3

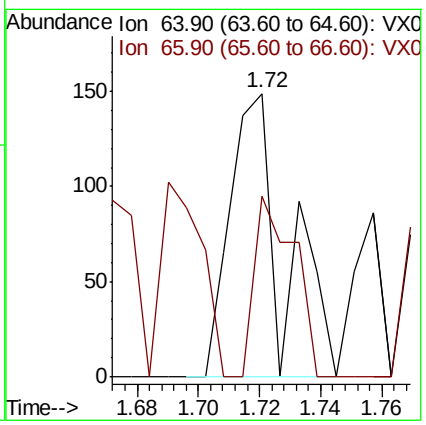


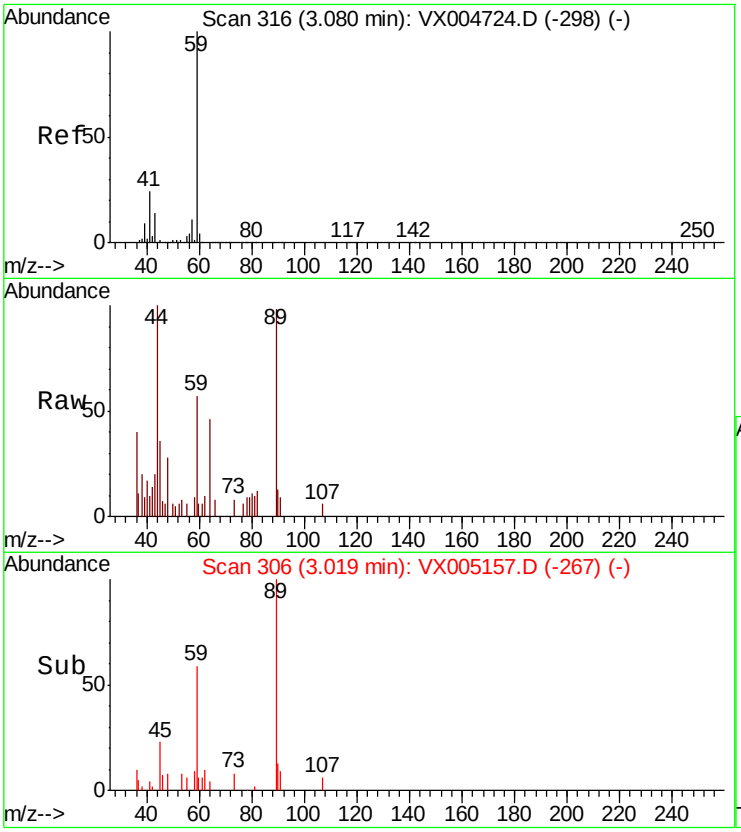


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 64 Resp: 182

Ion	Ratio	Lower	Upper
64	100		
66	63.8	23.8	35.6#



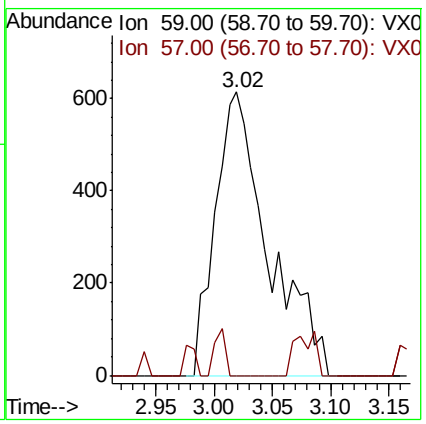


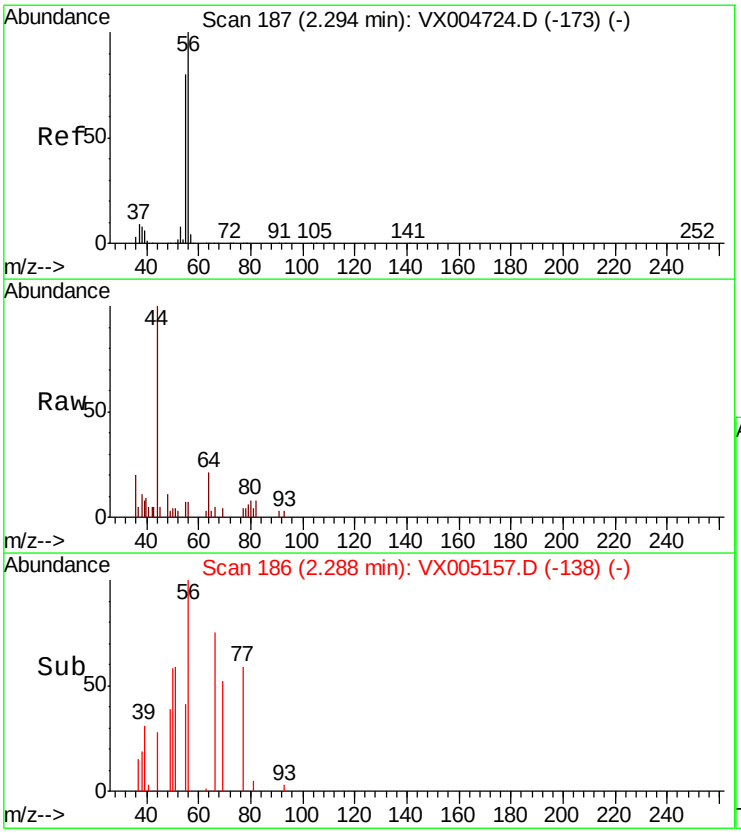
#11
Tert butyl alcohol
Concen: 2.497 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion: 59 Resp: 1945

Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.6	12.8#

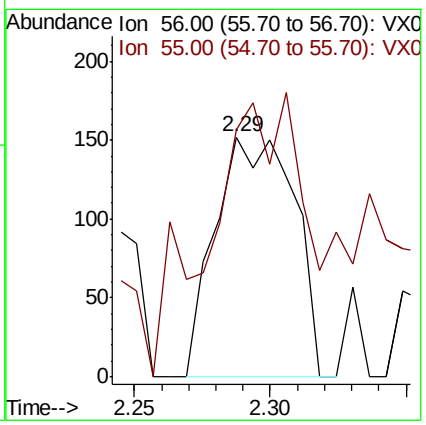


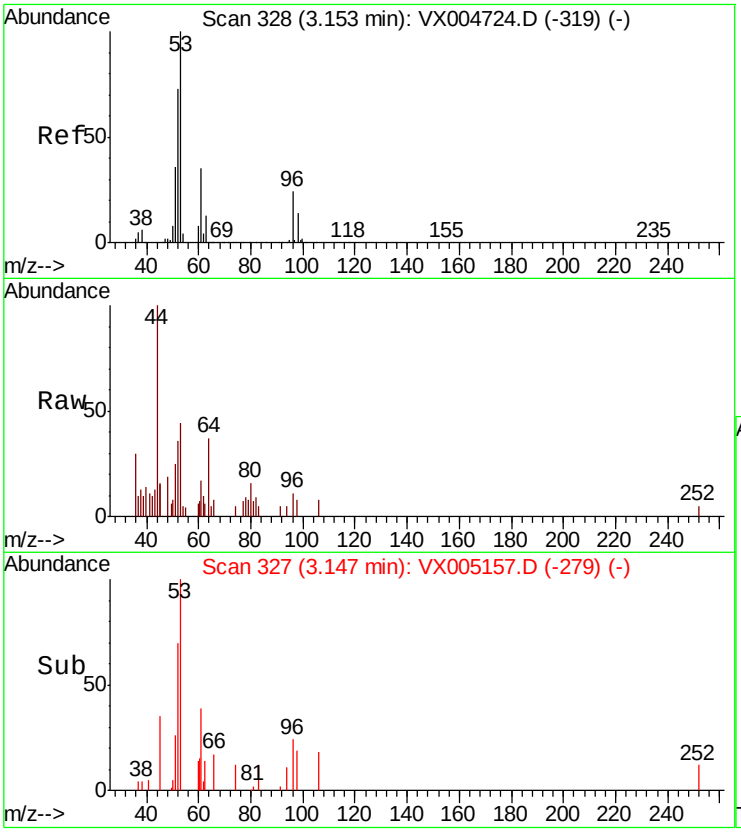


#13
Acrolein
Concen: 0.552 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 56 Resp: 306

Ion	Ratio	Lower	Upper
56	100		
55	136.9	63.4	95.2#



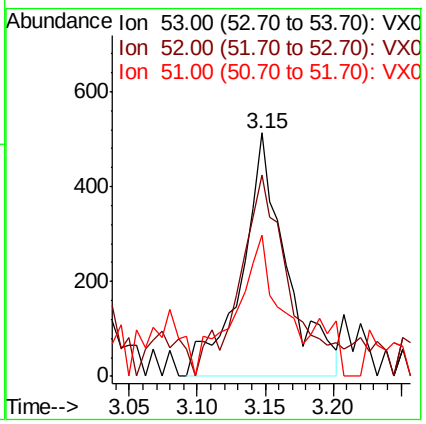


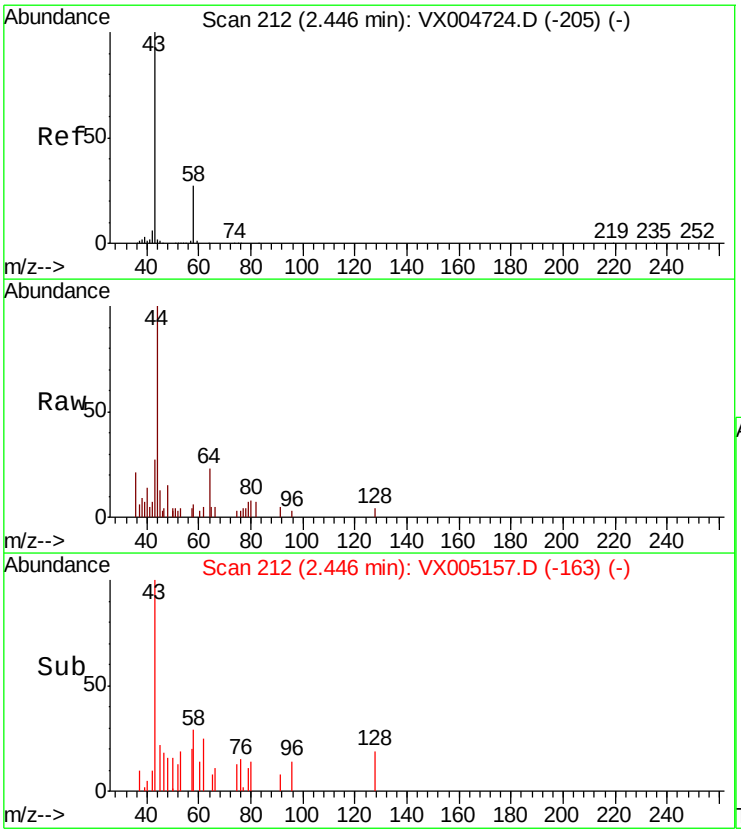
#15
Acrylonitrile
Concen: 0.686 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 53 Resp: 1177

Ion	Ratio	Lower	Upper
53	100		
52	93.1	63.0	94.4
51	57.5	28.6	42.8#

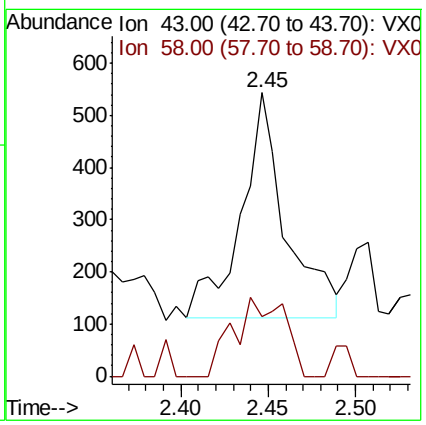


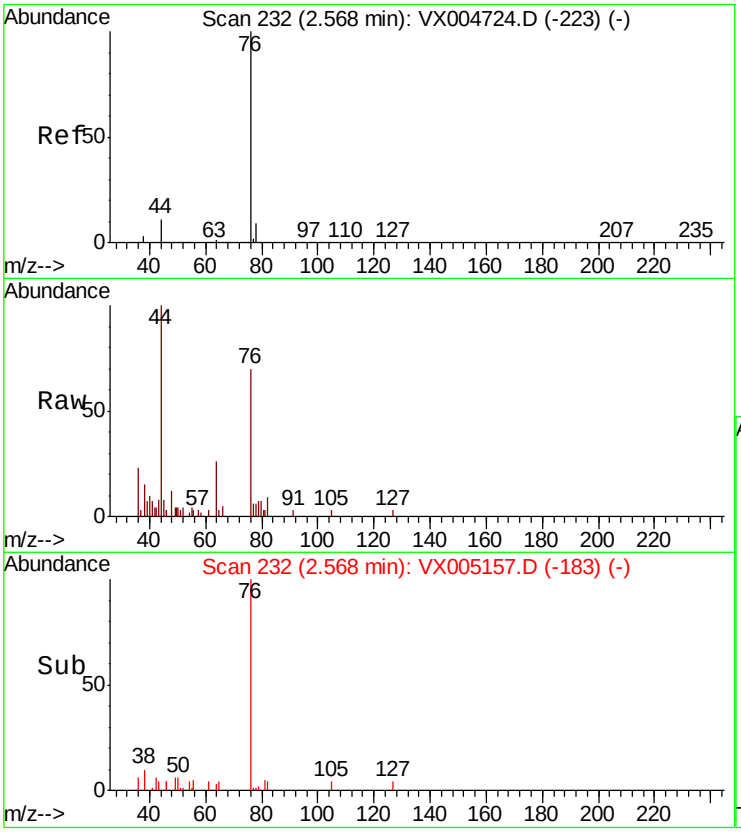


#16
Acetone
Concen: 0.468 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 43 Resp: 762

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.8	32.6



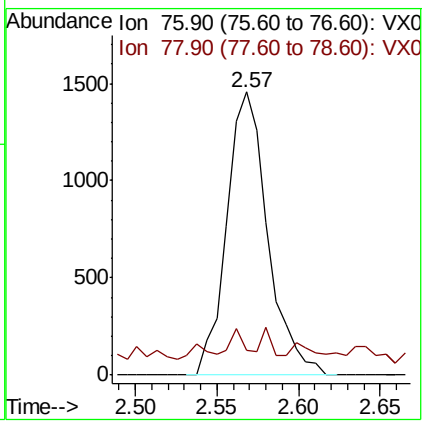


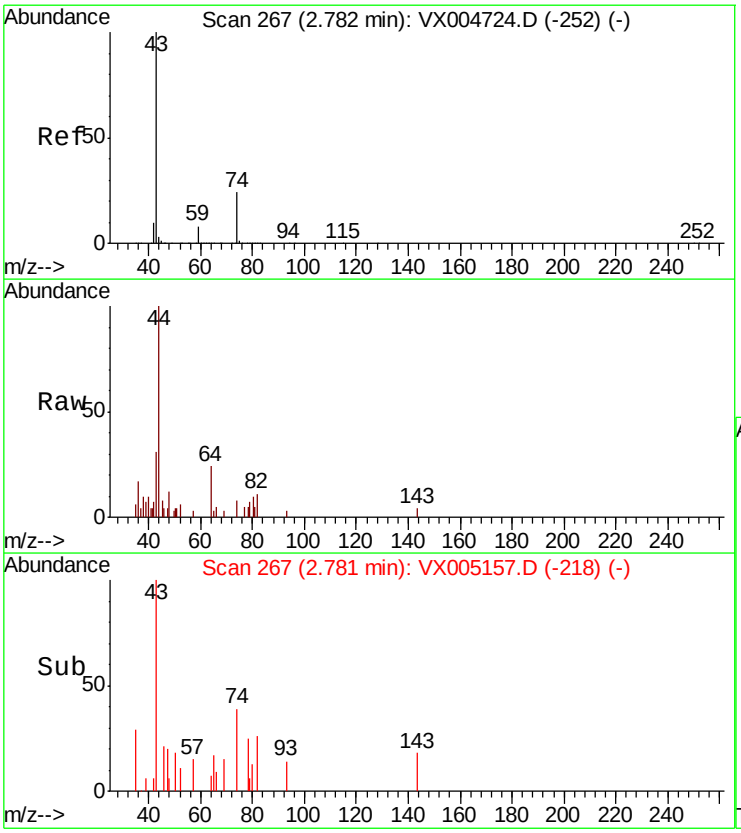
#17
Carbon Disulfide
Concen: 0.400 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 76 Resp: 2541

Ion	Ratio	Lower	Upper
76	100		
78	1.6	7.0	10.6#

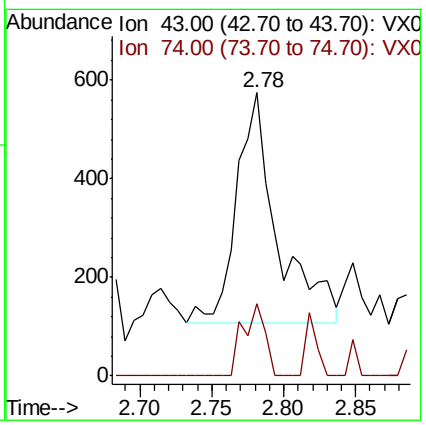


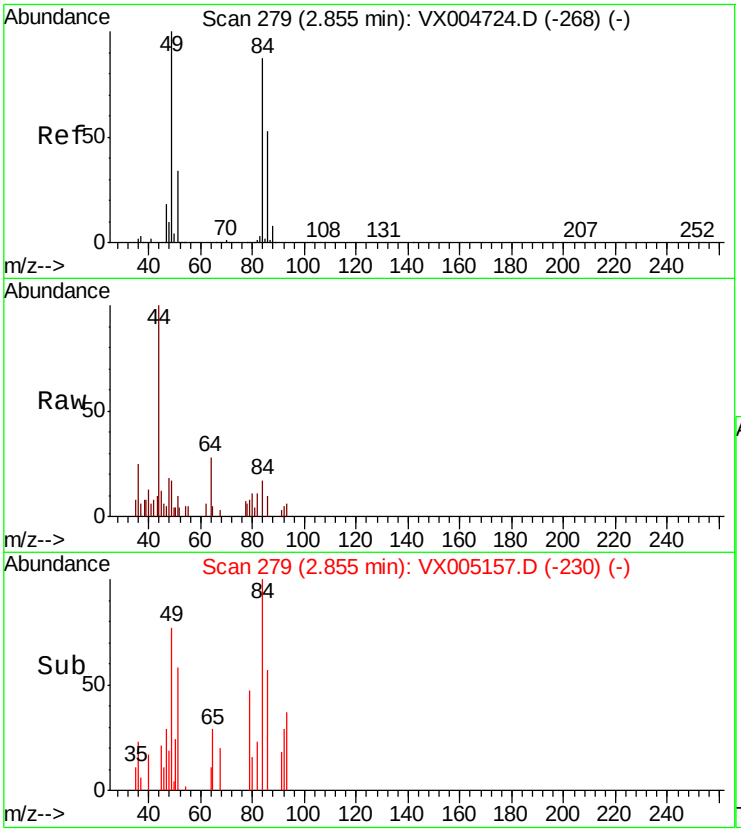


#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 43 Resp: 921

Ion	Ratio	Lower	Upper
43	100		
74	16.8	17.8	26.8#



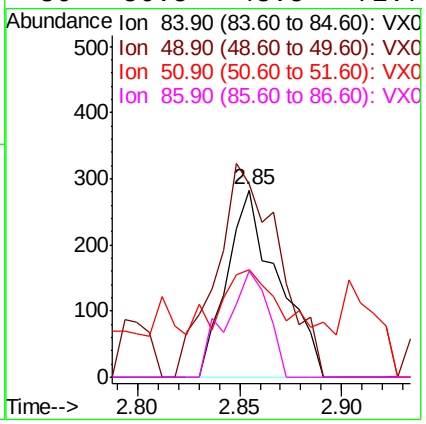


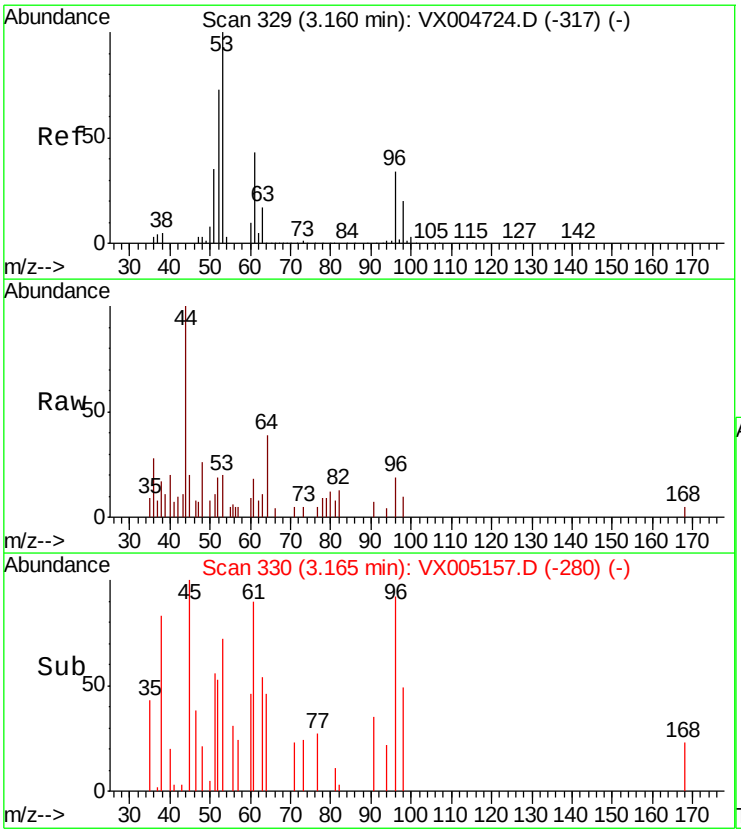
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion: 84 Resp: 493

Ion	Ratio	Lower	Upper
84	100		
49	103.2	92.3	138.5
51	35.3	31.8	47.6
86	56.5	48.5	72.7

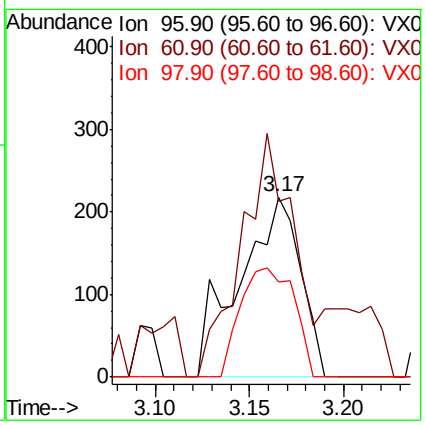


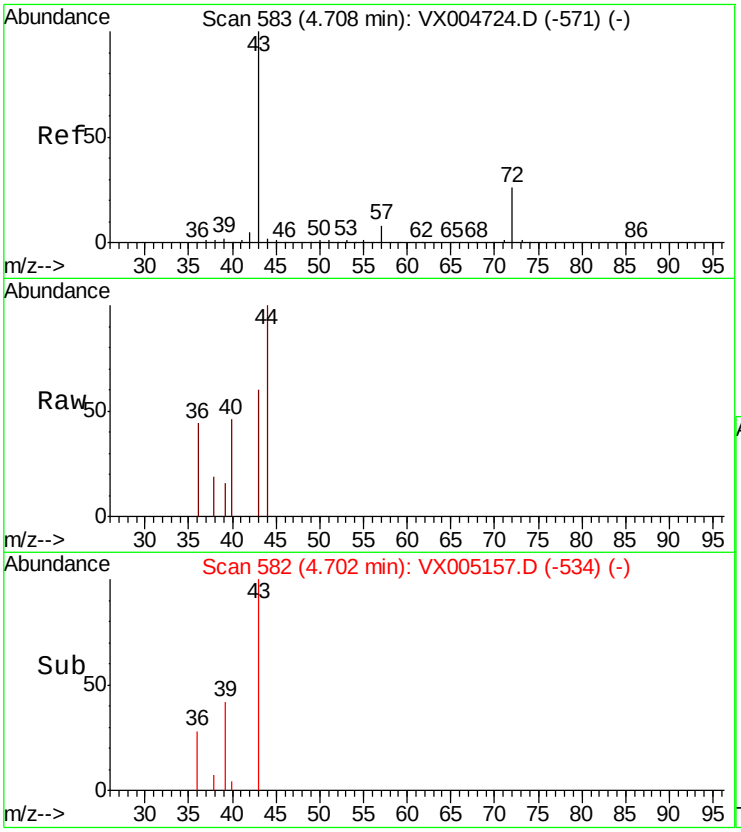


#21
trans-1,2-Dichloroethene
Concen: 0.212 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 96 Resp: 490

Ion	Ratio	Lower	Upper
96	100		
61	97.7	101.0	151.6#
98	52.8	47.2	70.8



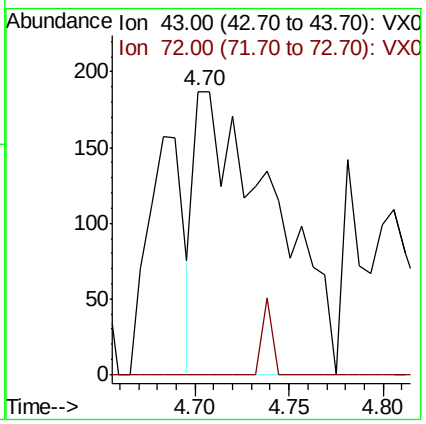


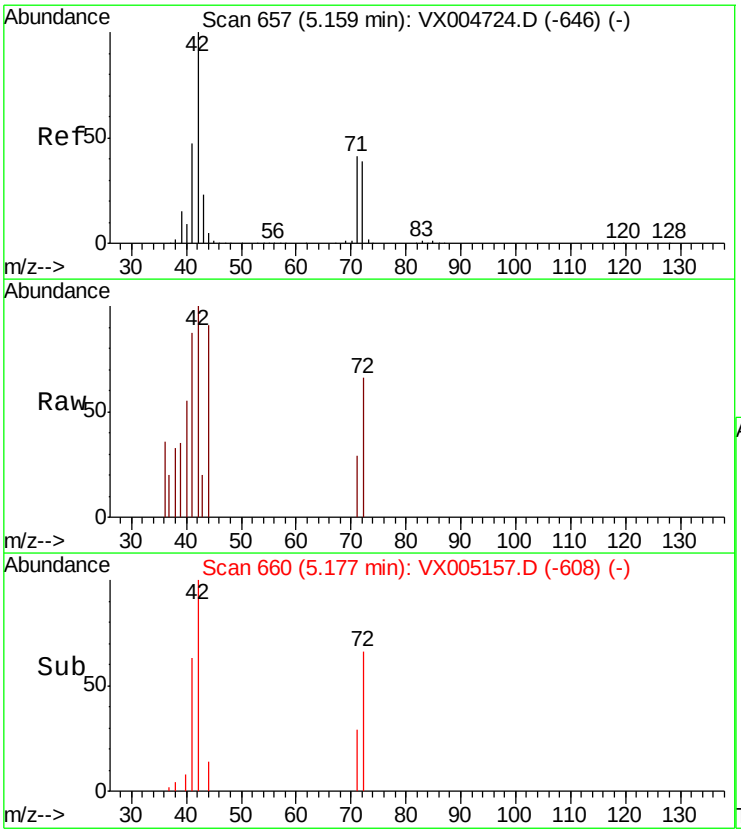
#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 43 Resp: 538

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

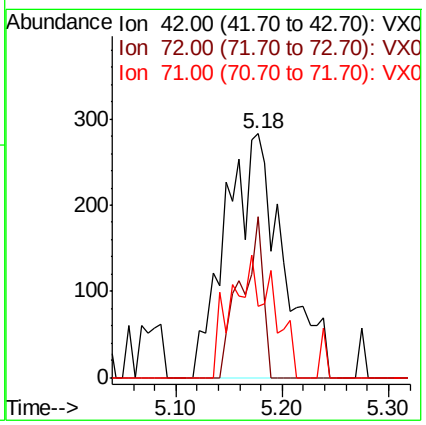


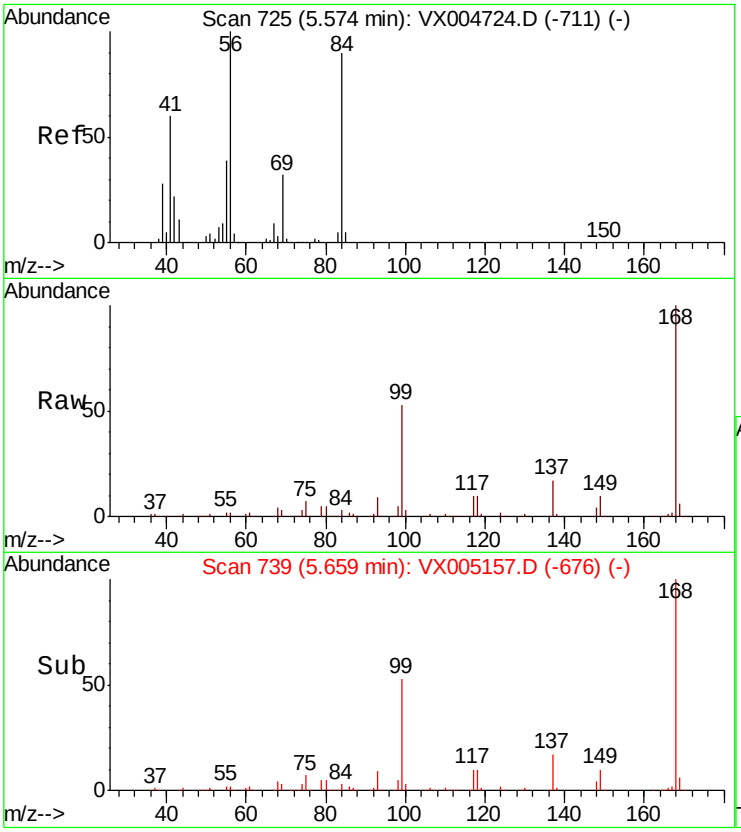


#29
Tetrahydrofuran
Concen: 0.711 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 42 Resp: 1059

Ion	Ratio	Lower	Upper
42	100		
72	26.0	33.7	50.5#
71	36.4	32.2	48.4



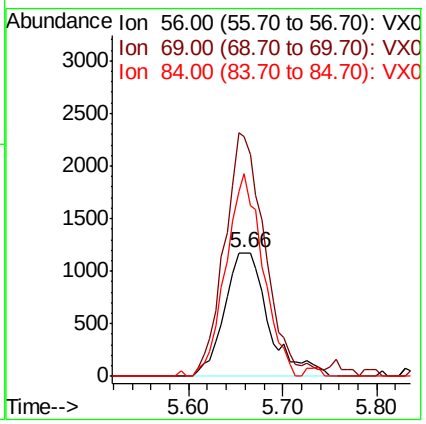


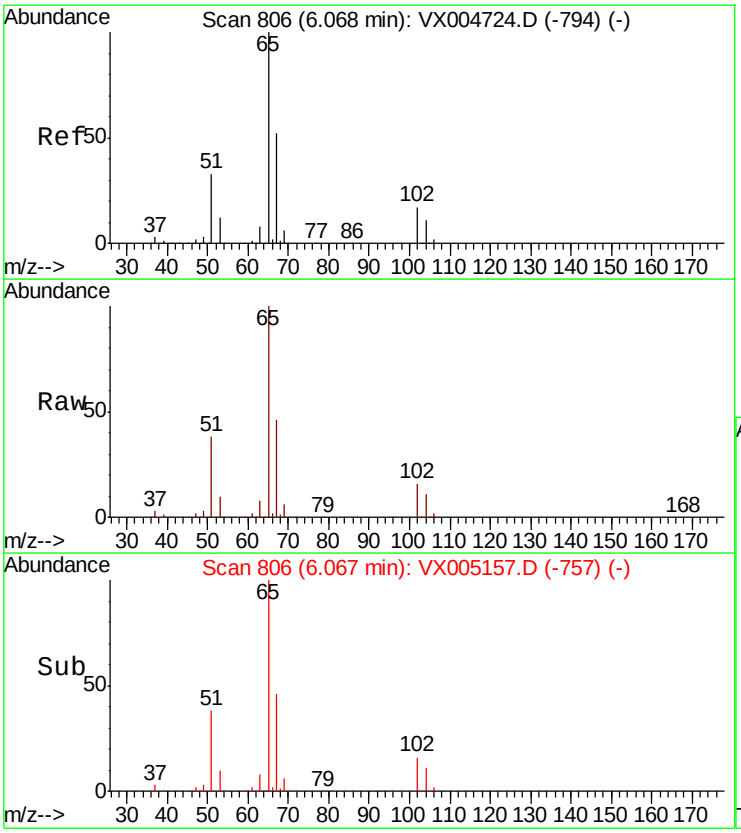
#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion: 56 Resp: 3828

Ion	Ratio	Lower	Upper
56	100		
69	193.5	25.9	38.9#
84	163.2	71.9	107.9#

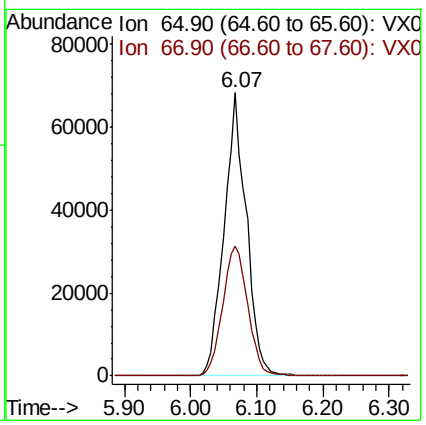


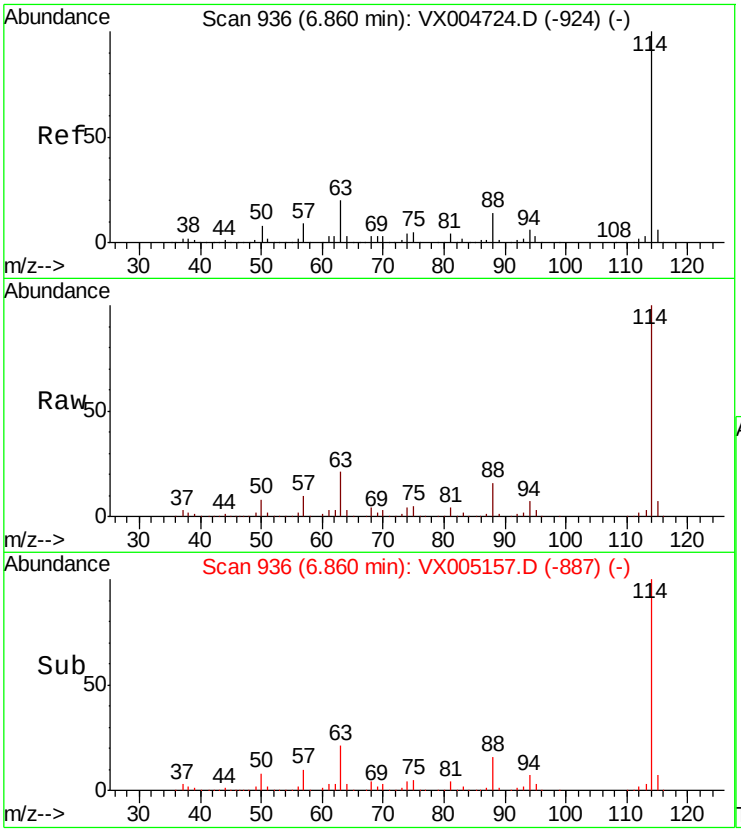


#33
1,2-Dichloroethane-d4
Concen: 57.217 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 65 Resp: 159403

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.4



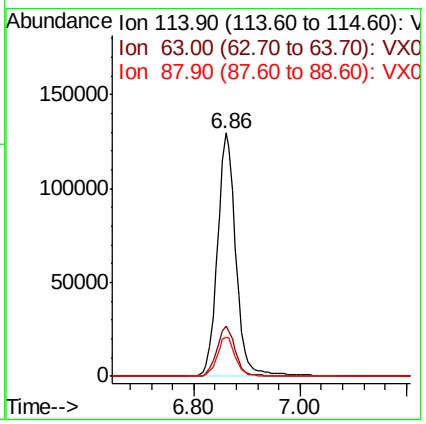


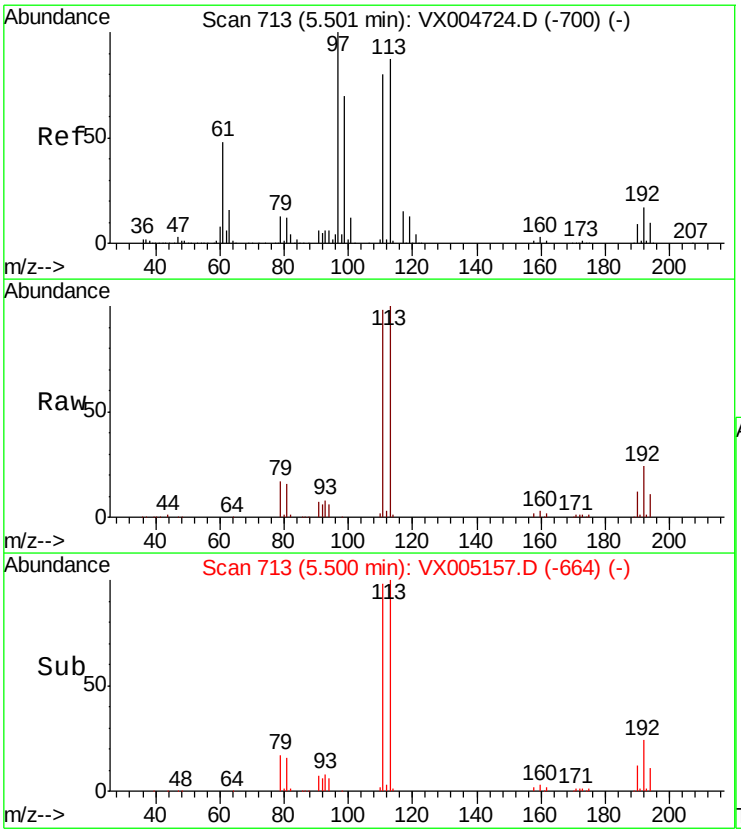
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion:114 Resp: 314969

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	16.2	0.0	27.0

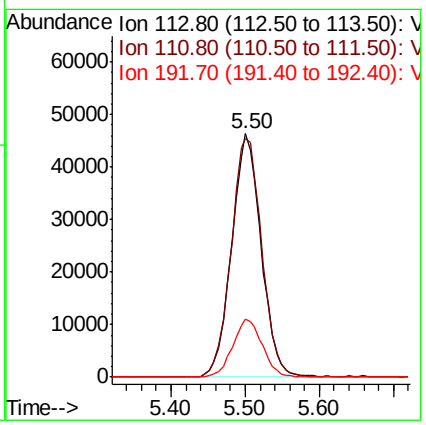


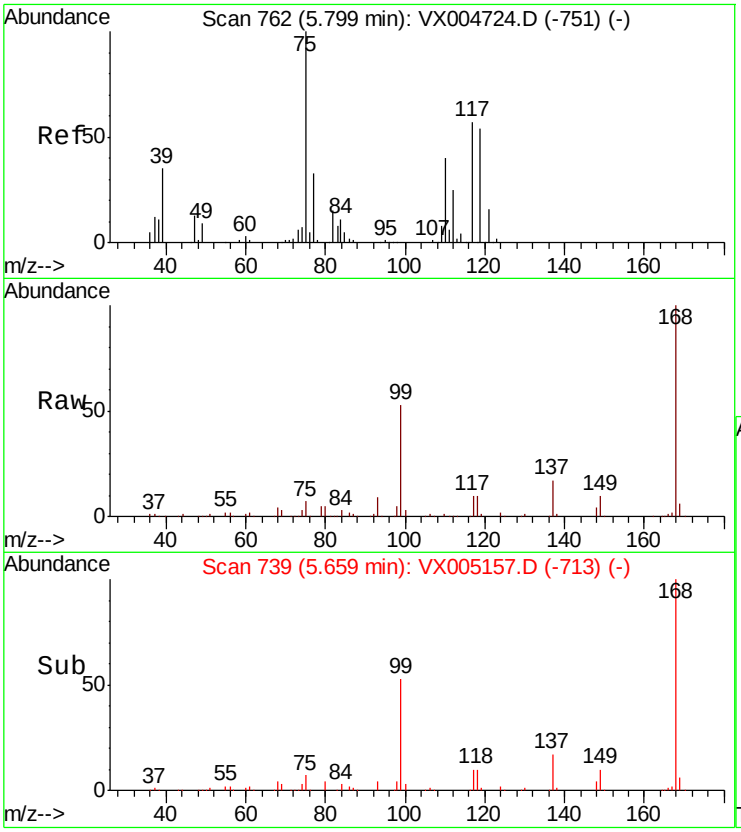


#35
Dibromofluoromethane
Concen: 48.036 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion:113 Resp: 128227

Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.0	115.4
192	23.9	17.0	25.6



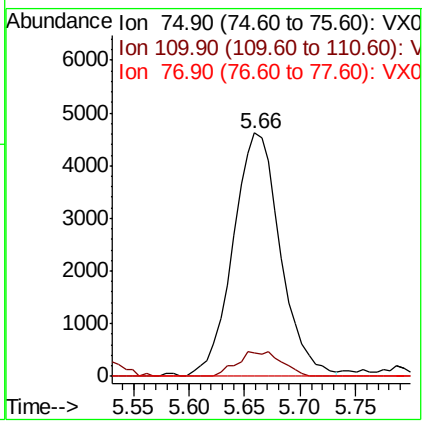


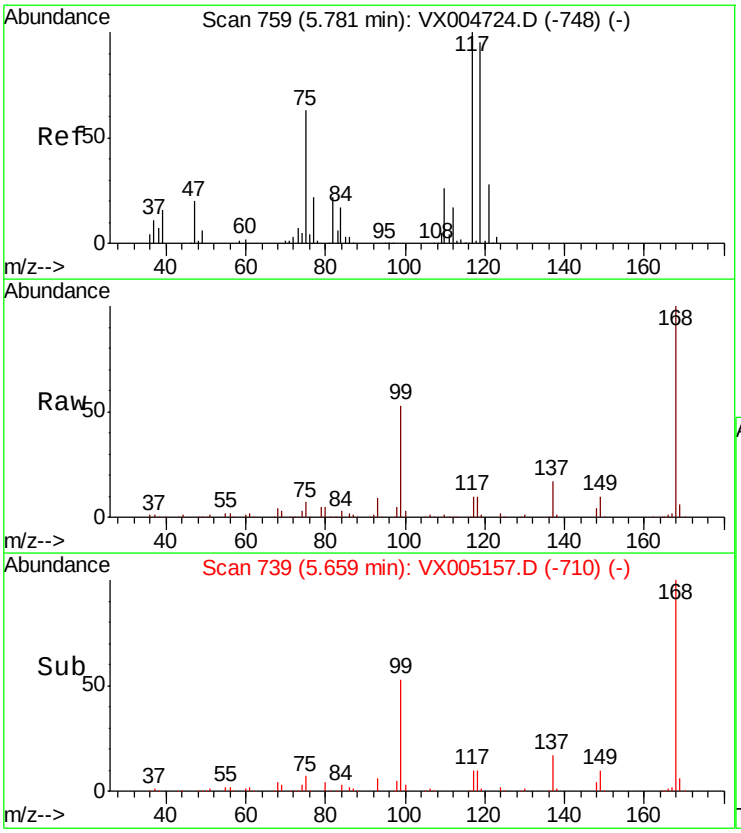
#36
1,1-Dichloropropene
Concen: 3.745 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 75 Resp: 13641

Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.0	59.9#
77	0.0	27.1	40.7#

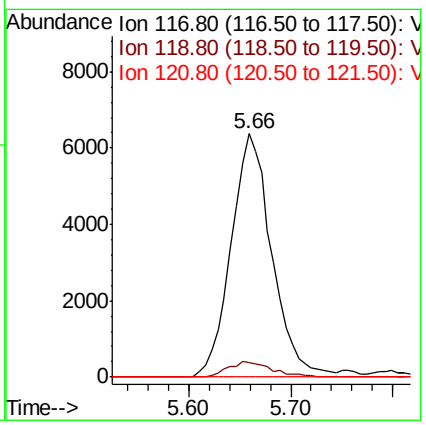


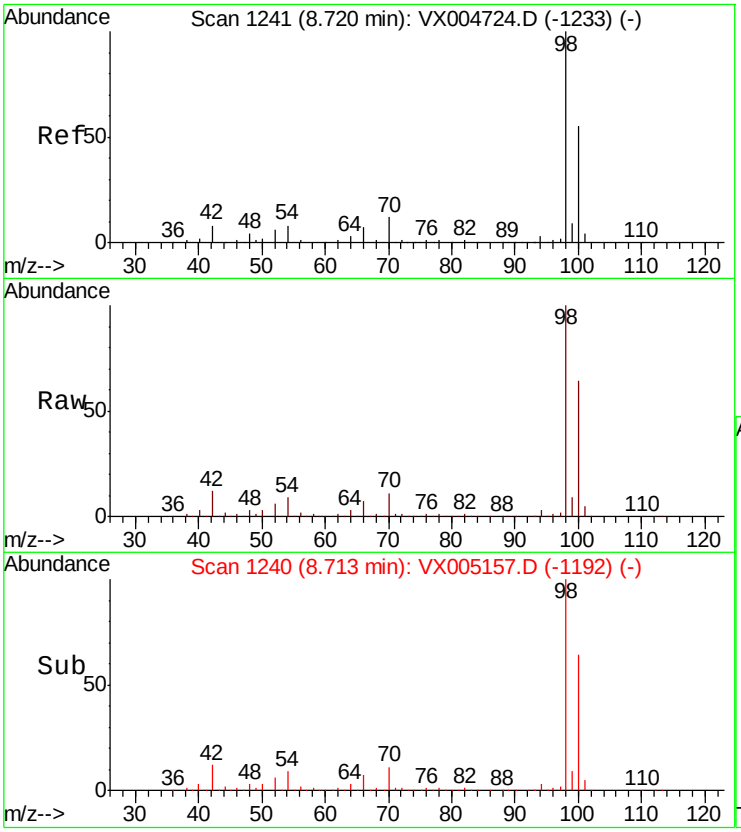


#38
Carbon Tetrachloride
Concen: 4.615 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion:117 Resp: 17667

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.2	112.8#
121	0.0	22.5	33.7#



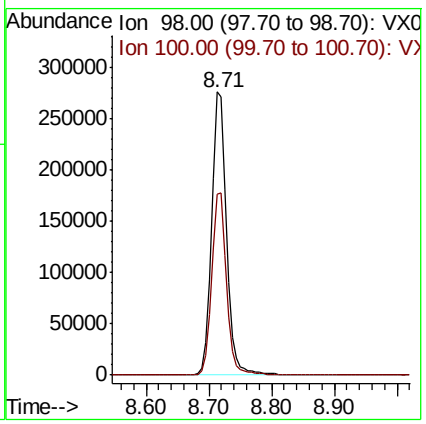


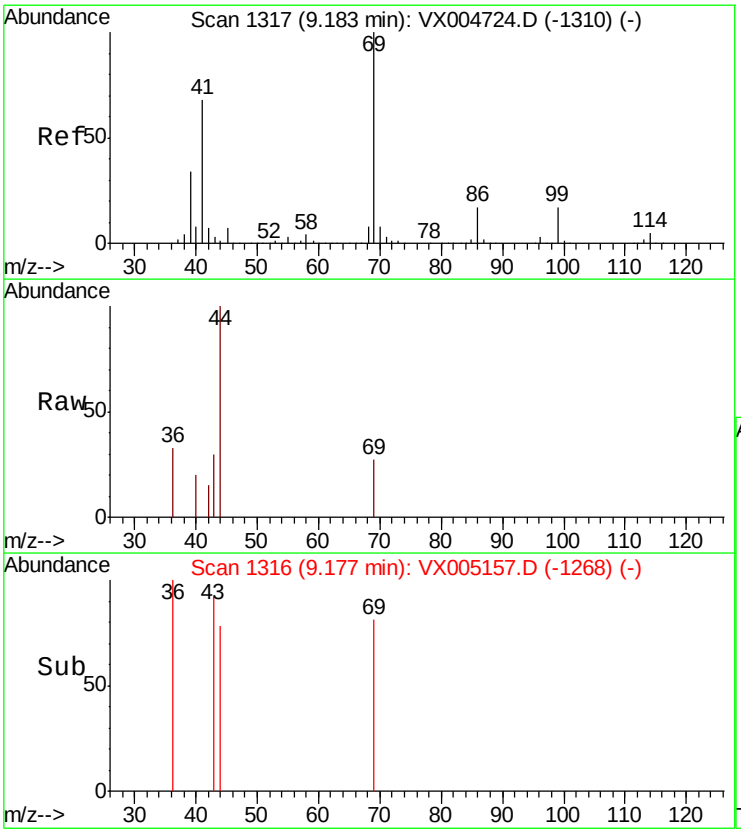
#50
Toluene-d8
Concen: 51.293 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion: 98 Resp: 455194

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9

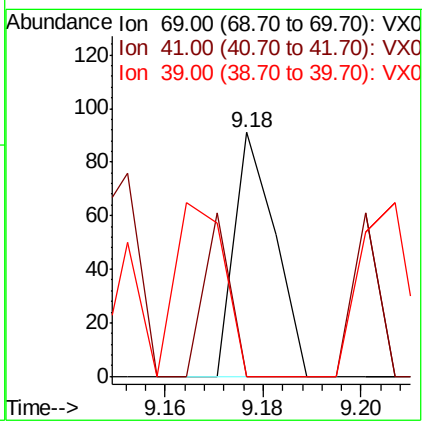


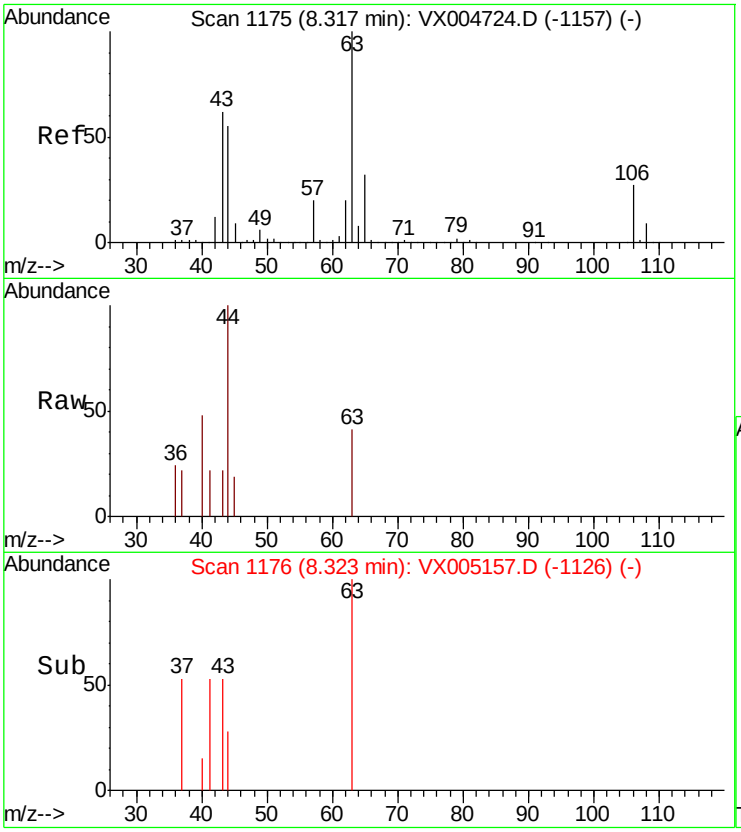


#56
Ethyl methacrylate
Concen: 2.873 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 69 Resp: 53

Ion	Ratio	Lower	Upper
69	100		
41	41.5	56.9	85.3#
39	84.9	28.4	42.6#



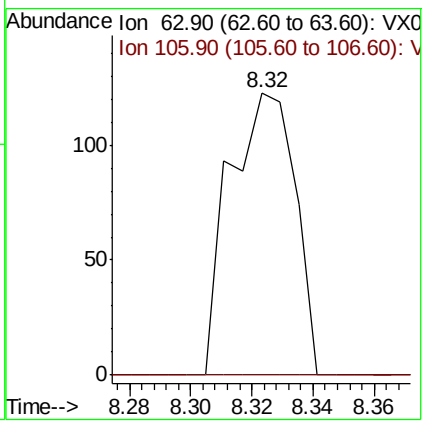


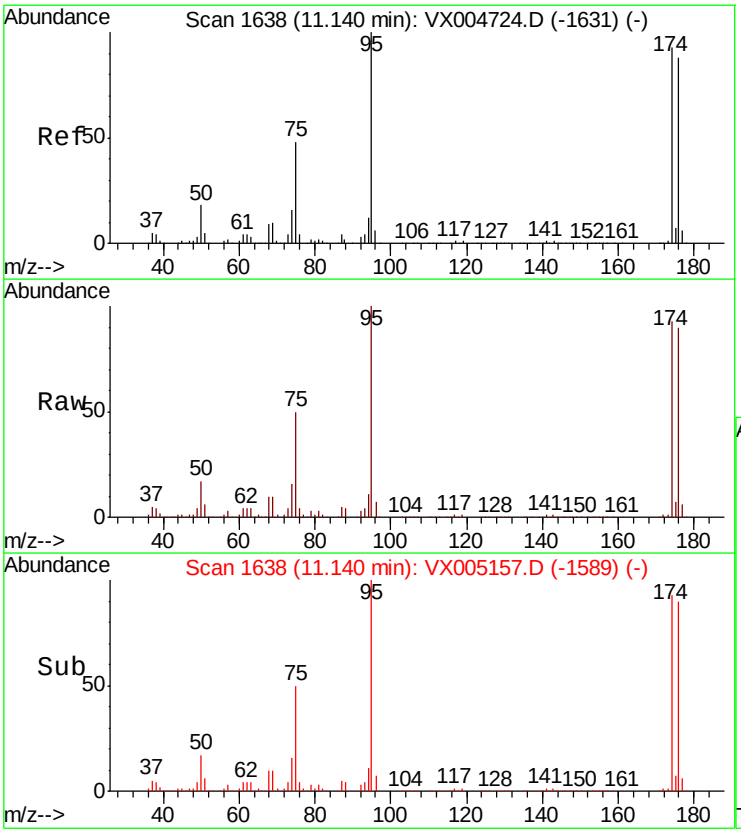
#58
2-Chloroethyl Vinyl ether
Concen: 14.315 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 63 Resp: 182

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

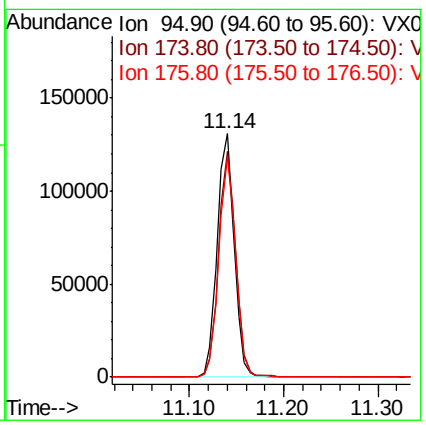


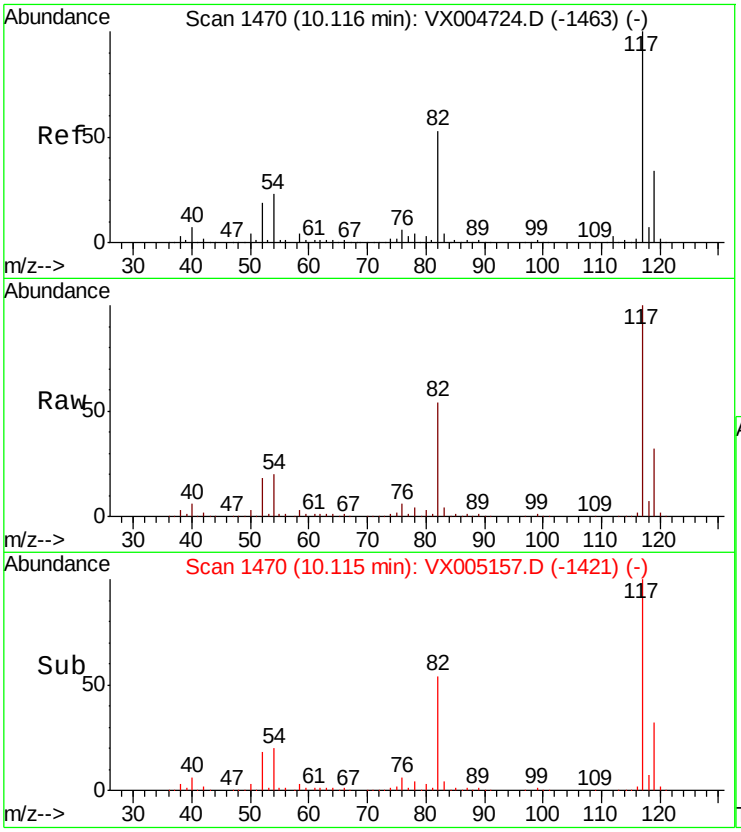


#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 95 Resp: 165746

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	185.0
176	89.2	0.0	180.2



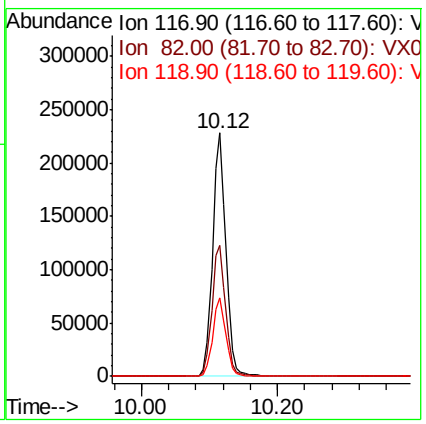


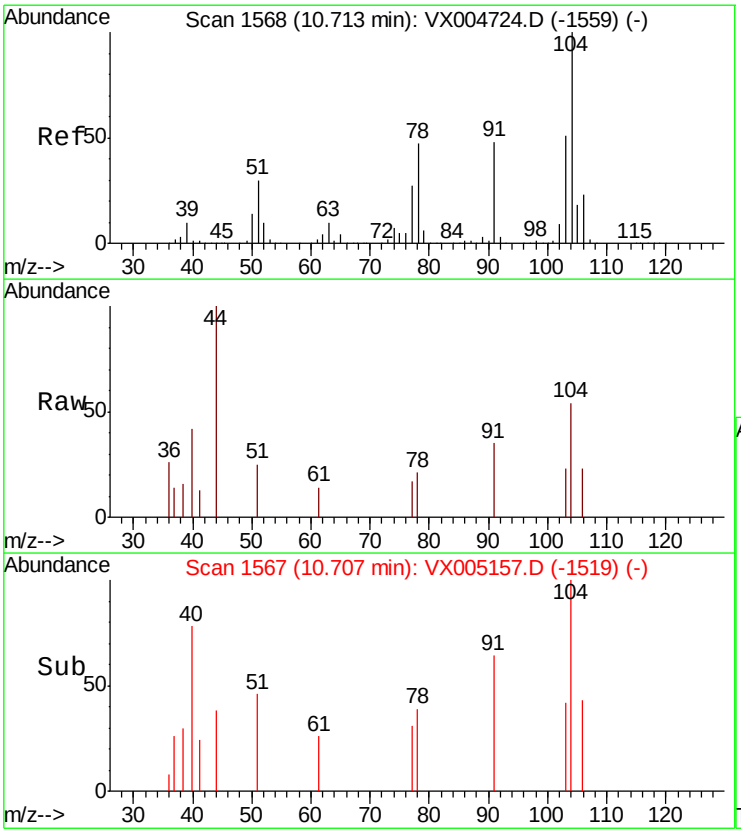
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion:117 Resp: 309398

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.2	27.4	41.0

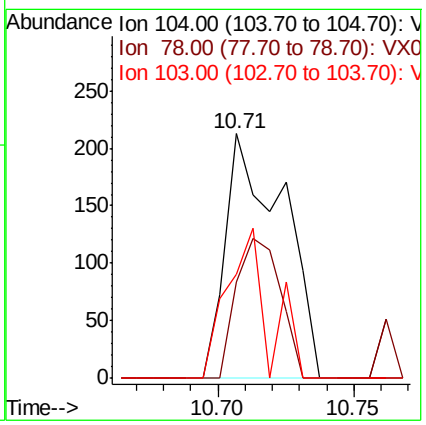


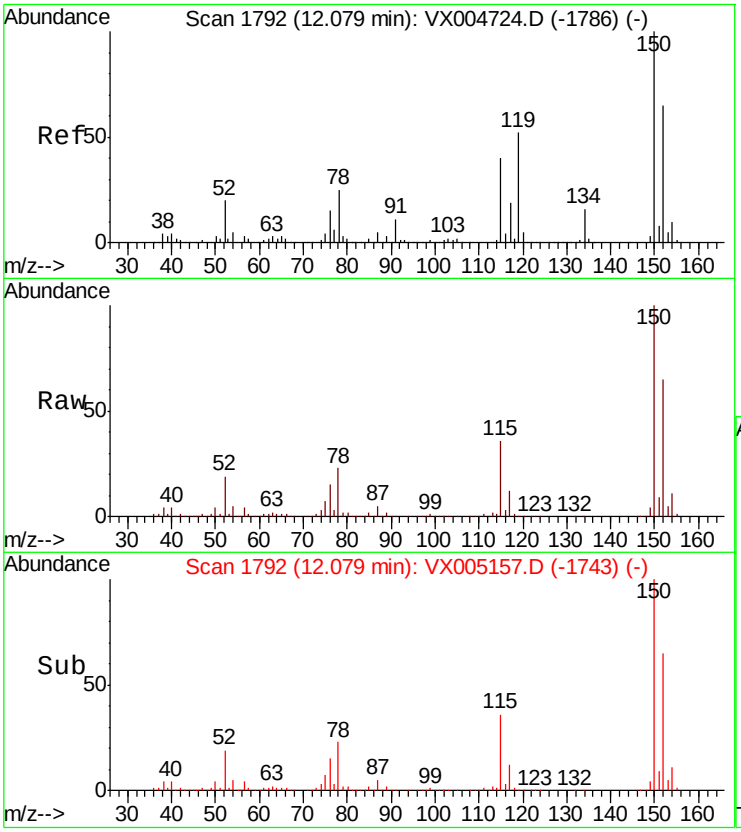


#70
Styrene
Concen: 2.176 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion:104 Resp: 313

Ion	Ratio	Lower	Upper
104	100		
78	43.8	40.0	60.0
103	43.5	44.3	66.5#



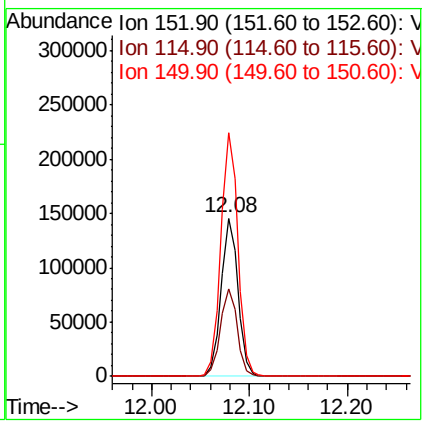


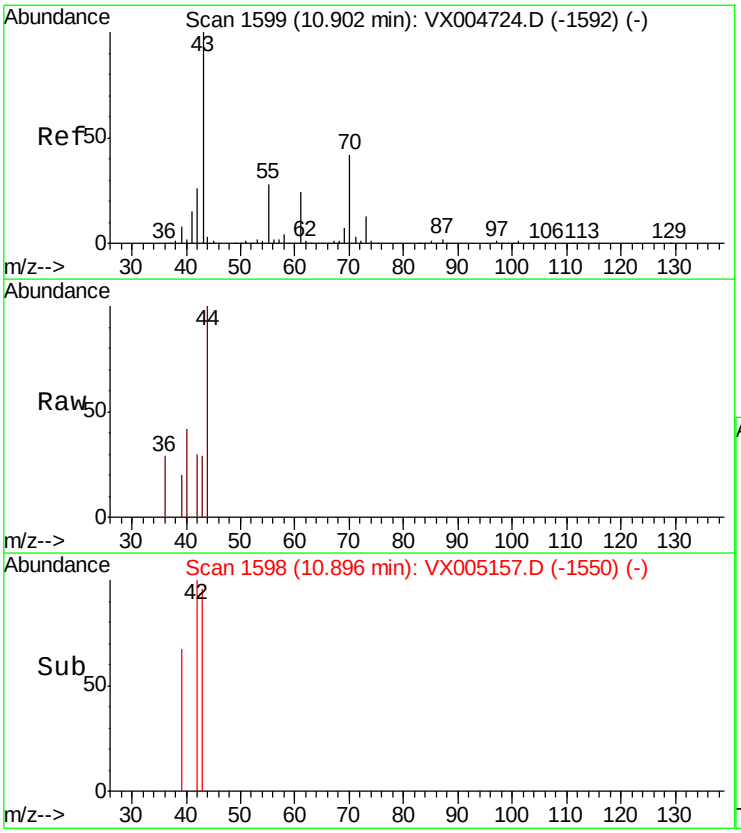
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument : MSVOA_X
ClientSampleId : VX1009WBL01

Tgt Ion:152 Resp: 173617

Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.2	120.6
150	156.2	0.0	351.0

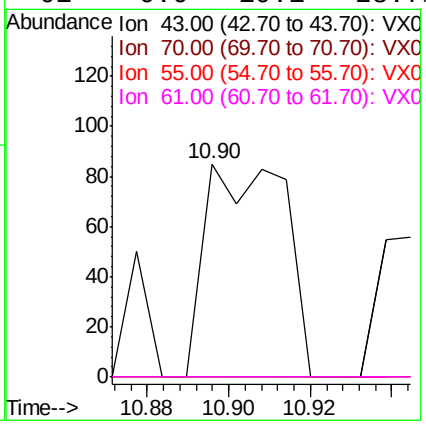


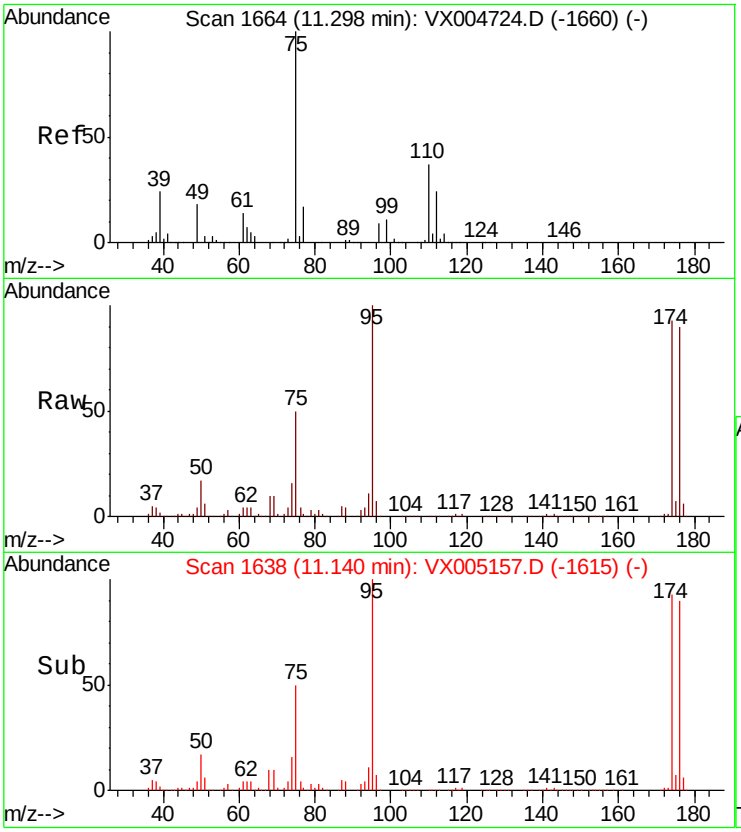


#74
N-amyl acetate
Concen: 1.766 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 43 Resp: 116

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#



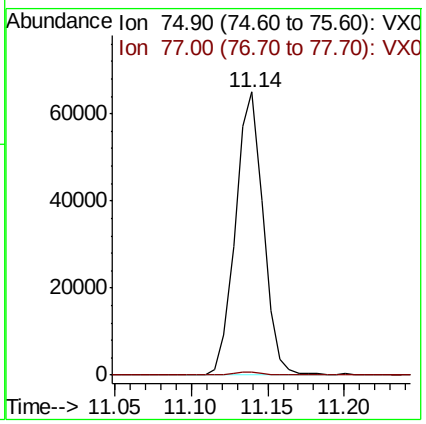


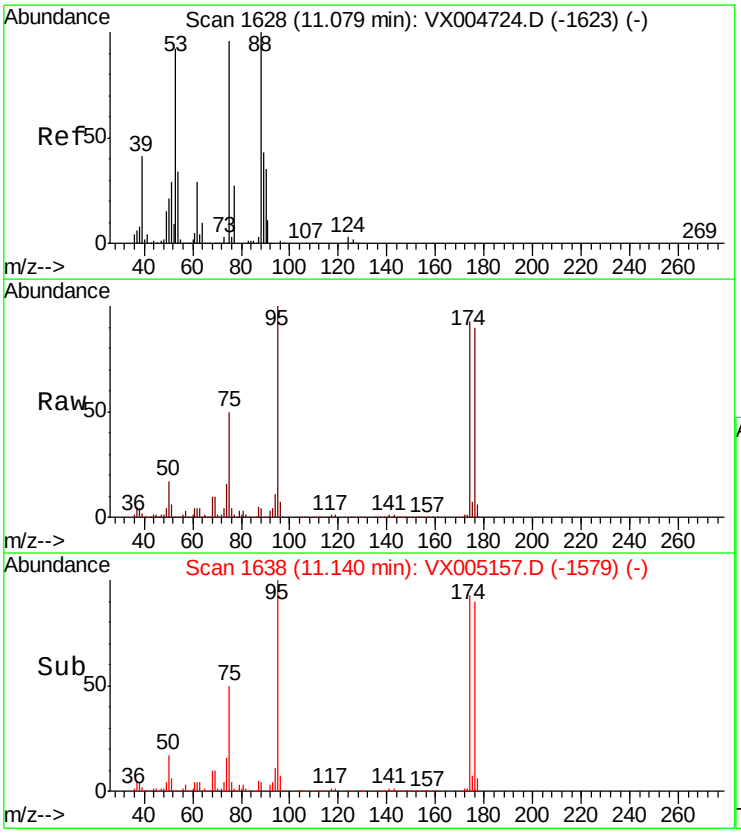
#76
1,2,3-Trichloropropane
Concen: 20.989 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 75 Resp: 81676

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

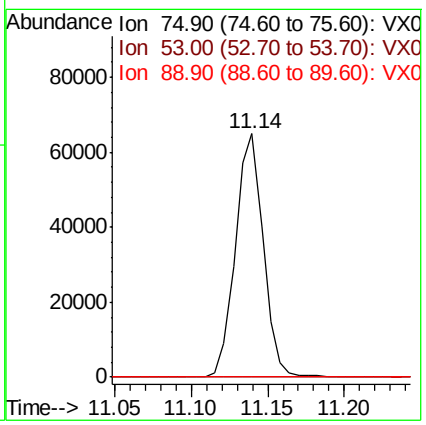


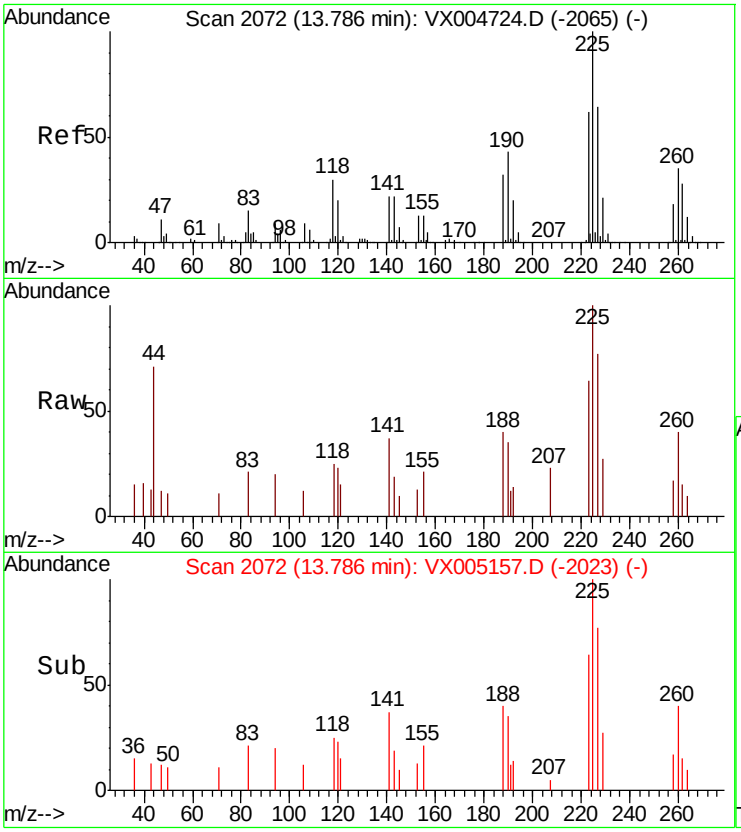


#81
trans-1,4-Dichloro-2-butene
Concen: 56.957 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion: 75 Resp: 81676

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#



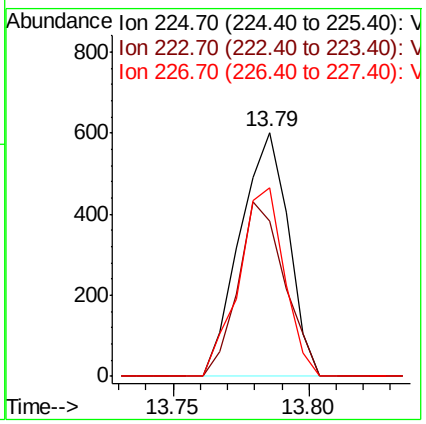


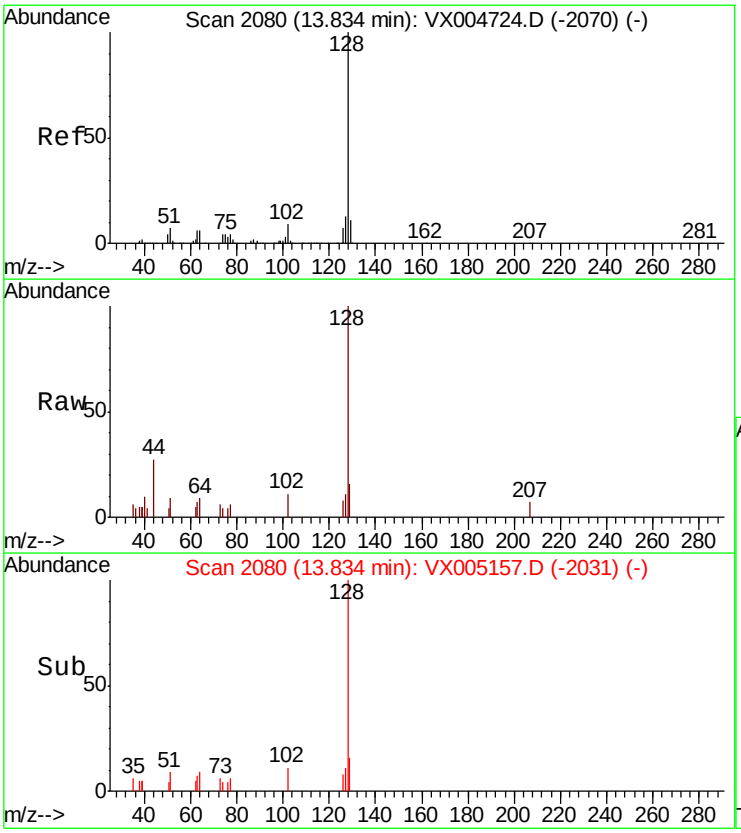
#94
Hexachlorobutadiene
Concen: 0.329 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion:225 Resp: 742

Ion	Ratio	Lower	Upper
225	100		
223	68.9	31.3	93.8
227	72.9	31.9	95.5





#95
Naphthalene
Concen: 0.862 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005157.D
Acq: 09 Oct 2018 14:27

Tgt Ion:128 Resp: 2092

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	14.1	8.7	13.1#