Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004991.D
Acq On : 04 Oct 2018 01:08
Operator : JC/MD
Sample : PB113446ZHE#17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Quant Time: Oct 04 03:49:47 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	278754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	211118	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.04%			
35) Dibromofluoromethane	5.50	113	185311	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
50) Toluene-d8	8.72	98	650610	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
62) 4-Bromofluorobenzene	11.14	95	239703	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.22%			
Target Compounds						Qvalue
6) Chloroethane	1.75	64	176	Below Cal	#	45
8) Diethyl Ether	2.19	74	524	0.225	ug/l	61
11) Tert butyl alcohol	3.03	59	5202	4.672	ug/l #	79
13) Acrolein	2.29	56	232	0.293	ug/l #	10
16) Acetone	2.45	43	21490	9.244	ug/l #	88
18) Methyl Acetate	2.78	43	15623	2.652	ug/l	97
20) Methylene Chloride	2.85	84	6185	1.008	ug/l #	83
25) 2-Butanone	4.70	43	5134	1.498	ug/l	96
29) Tetrahydrofuran	5.16	42	2360	1.108	ug/l #	91
31) Cyclohexane	5.67	56	4769	0.941	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	18883	3.569	ug/l #	46
37) Ethyl Acetate	4.70	43	5134	0.731	ug/l #	72
38) Carbon Tetrachloride	5.67	117	24893	4.476	ug/l #	18
43) Isopropyl Acetate	6.46	43	239463	23.622	ug/l	95
48) Methyl methacrylate	7.68	41	9431	2.050	ug/l #	26
51) 4-Methyl-2-Pentanone	8.62	43	4782	0.749	ug/l #	37
54) cis-1,3-Dichloropropene	8.62	75	1694	0.299	ug/l #	60
56) Ethyl methacrylate	9.02	69	165	2.886	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	38	14.253	ug/l #	49
59) 2-Hexanone	9.55	43	15502	2.914	ug/l #	53
68) m/p-Xylenes	10.36	106	2861	0.404	ug/l	95
70) Styrene	10.71	104	309	2.165	ug/l #	29
74) N-amyl acetate	10.90	43	70	1.756	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	116738	20.652	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	116738	56.073	ug/l #	10
95) Naphthalene	13.83	128	1668	0.798	ug/l	97

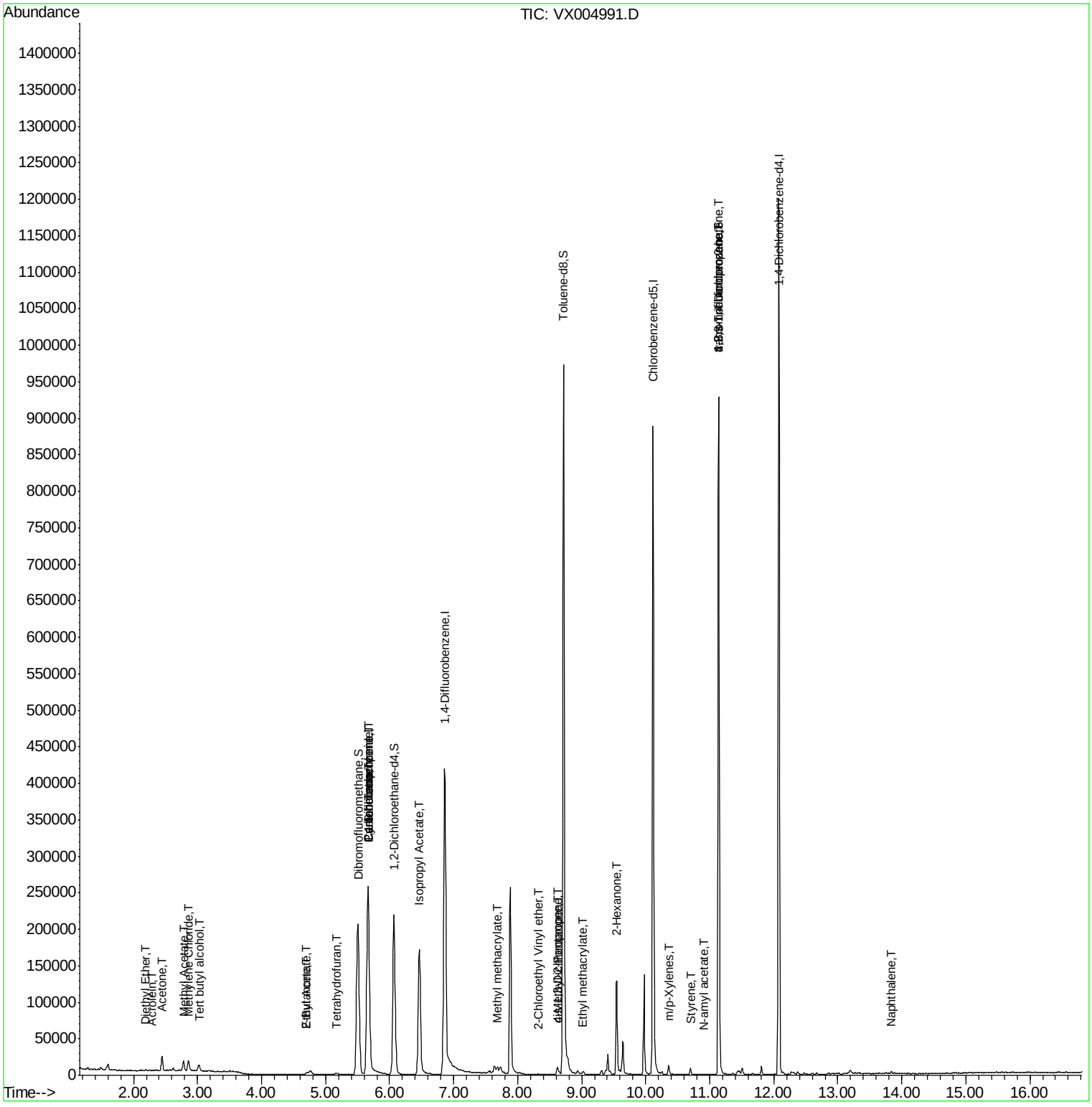
(#) = qualifier out of range (m) = manual integration (+) = signals summed

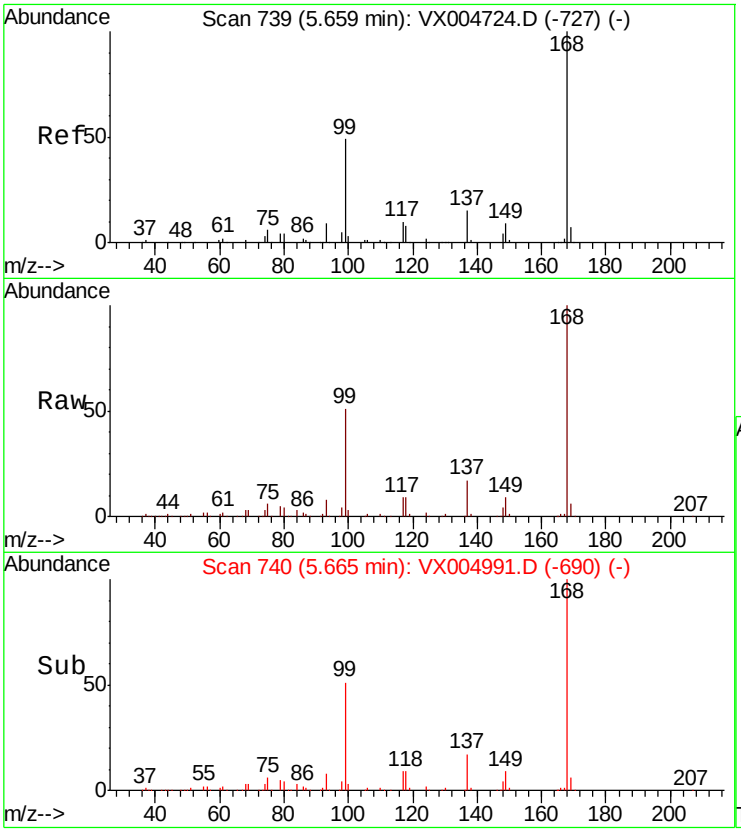
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004991.D
Acq On : 04 Oct 2018 01:08
Operator : JC/MD
Sample : PB113446ZHE#17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Quant Time: Oct 04 03:49:47 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



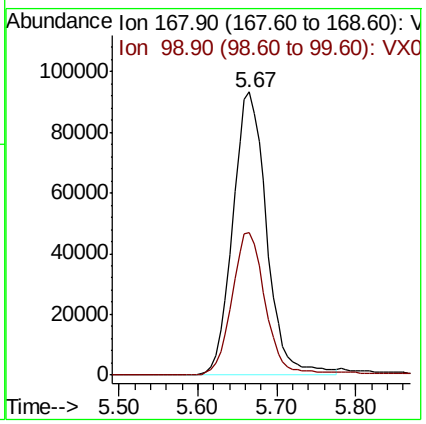


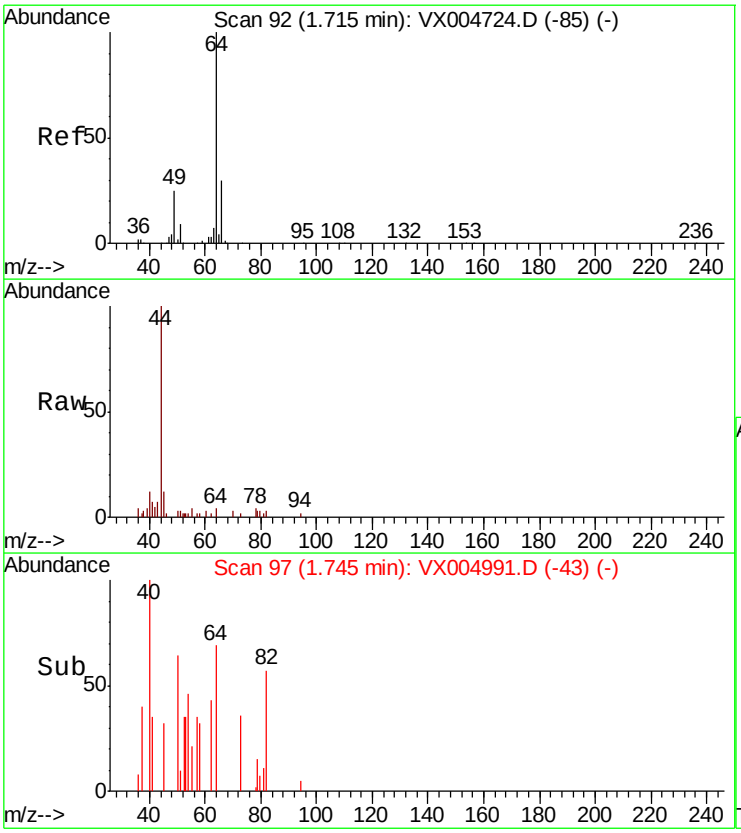
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion:168 Resp: 278754

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

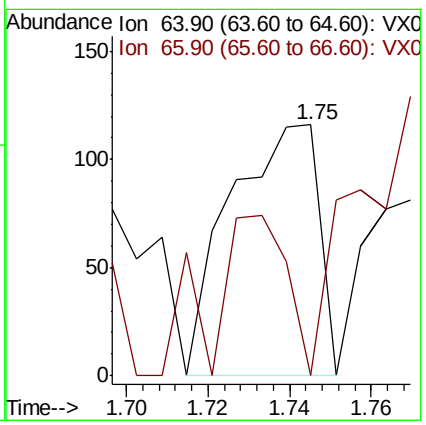


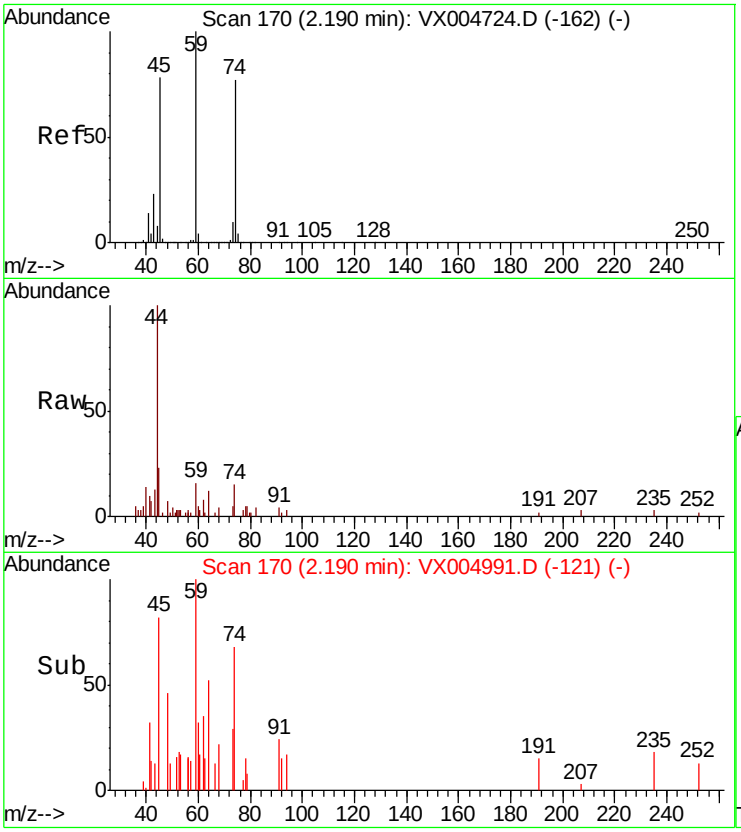


#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 97
Delta R.T. 0.03 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 64 Resp: 176

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



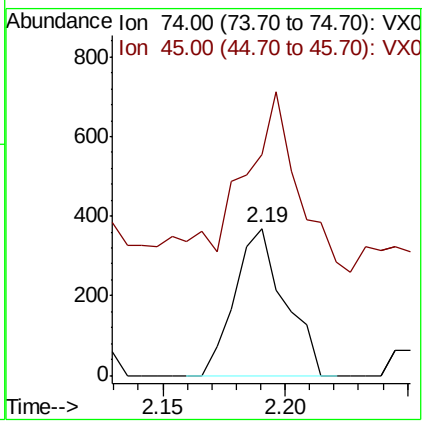


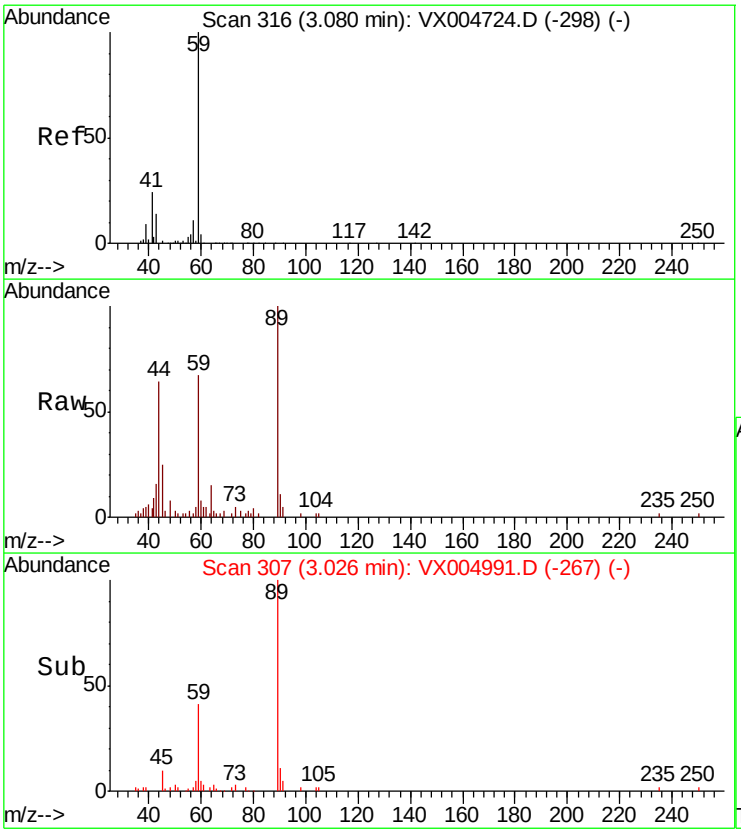
#8
Diethyl Ether
Concen: 0.225 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 74 Resp: 524

Ion	Ratio	Lower	Upper
74	100		
45	145.4	52.5	157.6

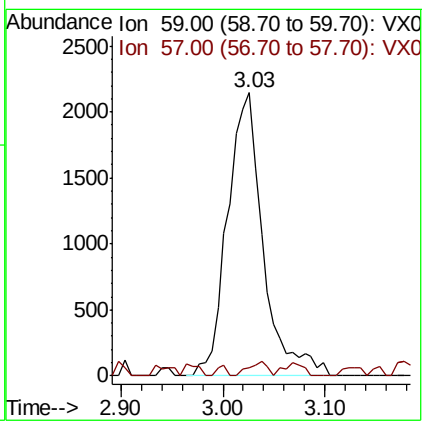


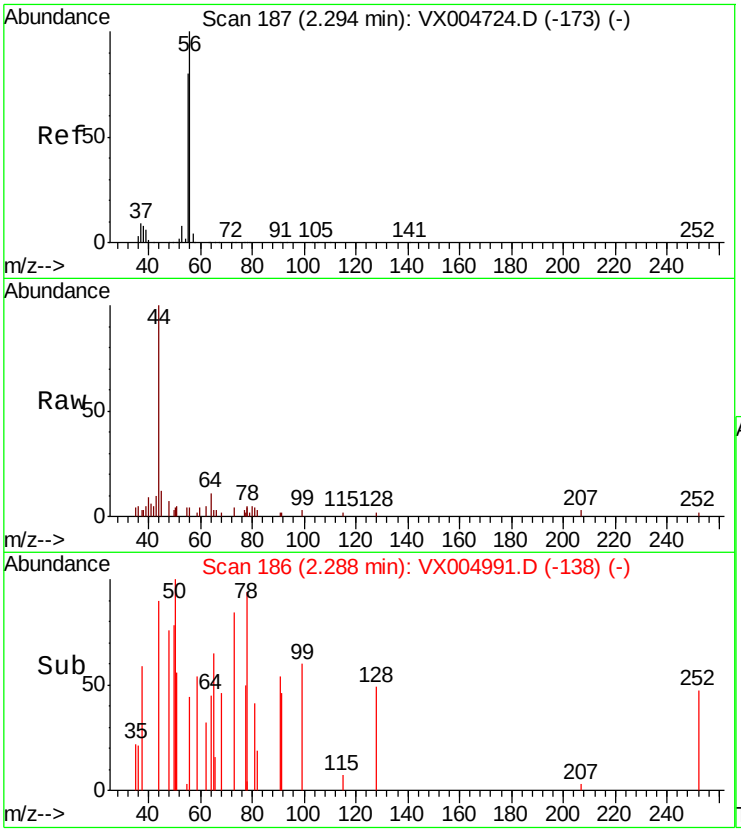


#11
Tert butyl alcohol
Concen: 4.672 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 59 Resp: 5202

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.6	12.8#



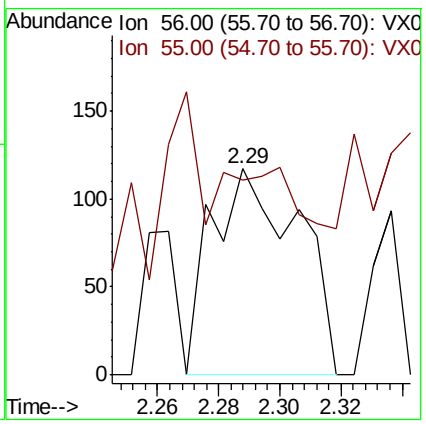


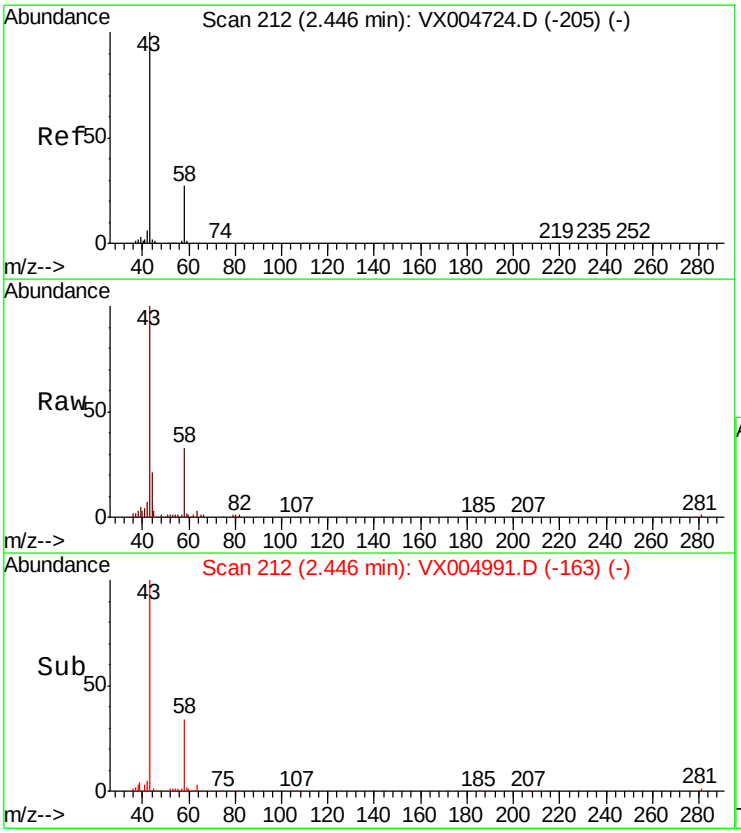
#13
Acrolein
Concen: 0.293 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.4	95.2#

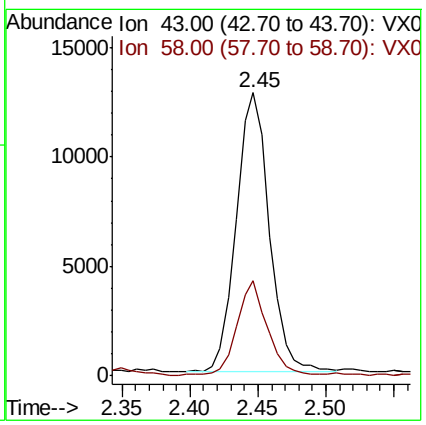


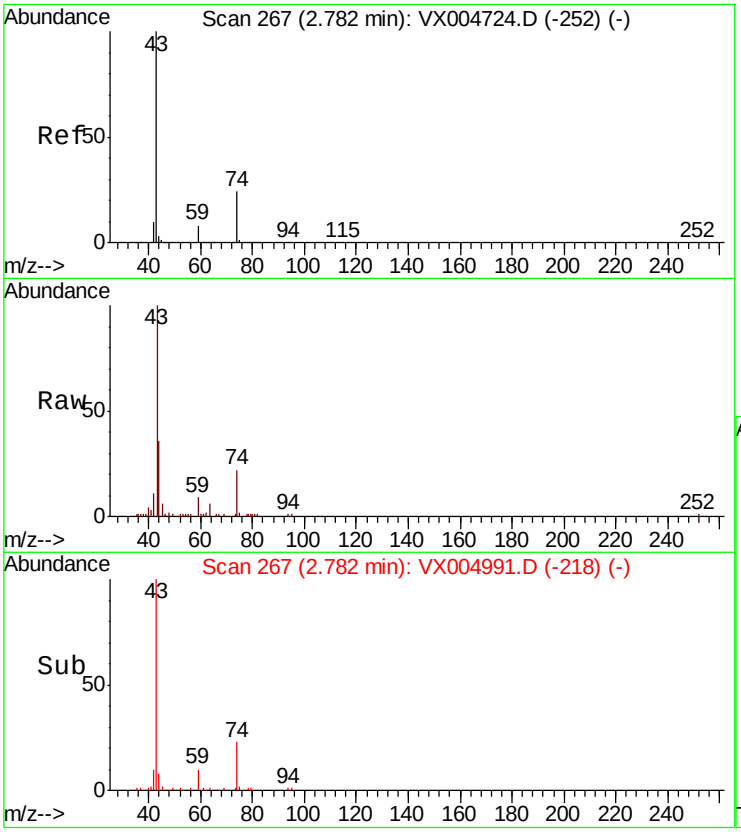


#16
Acetone
Concen: 9.244 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 43 Resp: 21490

Ion	Ratio	Lower	Upper
43	100		
58	33.5	21.8	32.6#



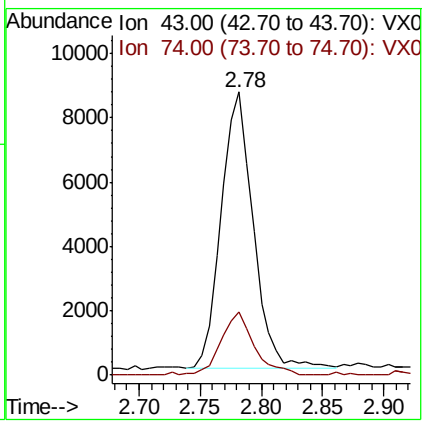


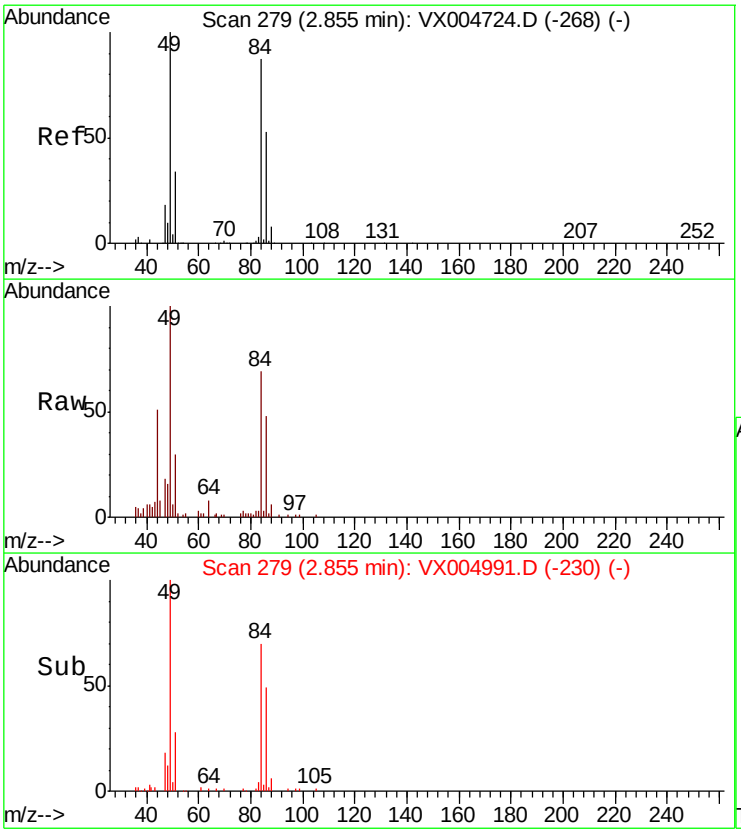
#18
Methyl Acetate
Concen: 2.652 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Tgt Ion: 43 Resp: 15623

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.8	26.8

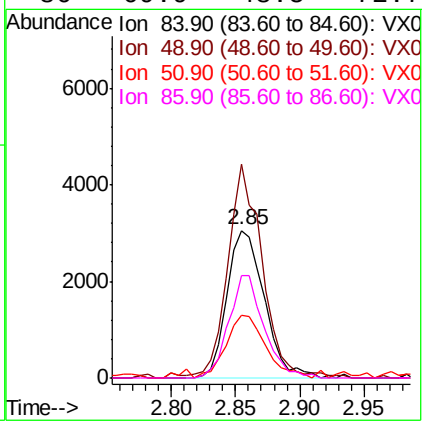


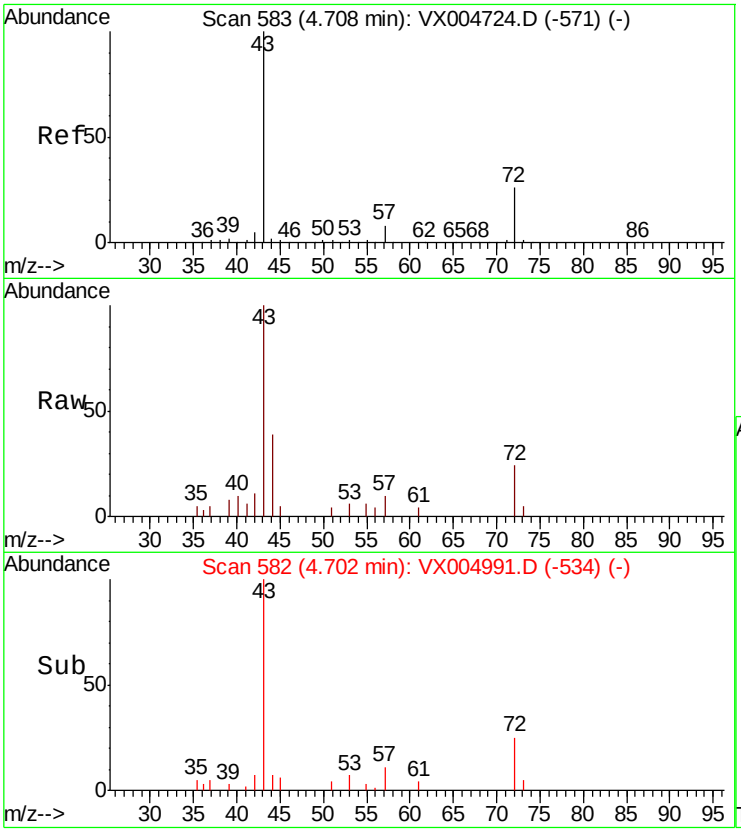


#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 84 Resp: 6185

Ion	Ratio	Lower	Upper
84	100		
49	143.1	92.3	138.5#
51	40.6	31.8	47.6
86	69.9	48.5	72.7



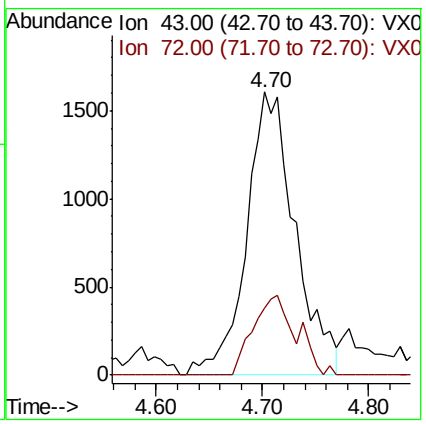


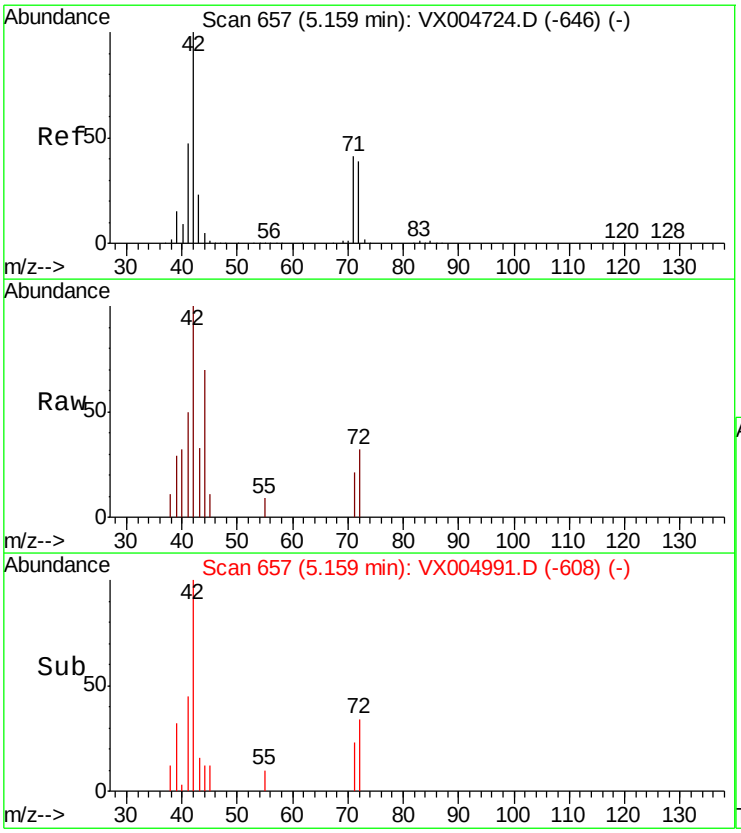
#25
2-Butanone
Concen: 1.498 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Tgt Ion: 43 Resp: 5134

Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.8	31.2

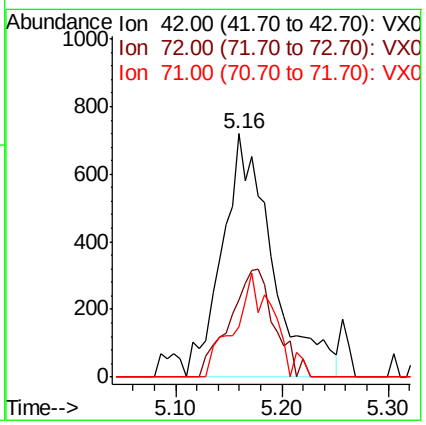


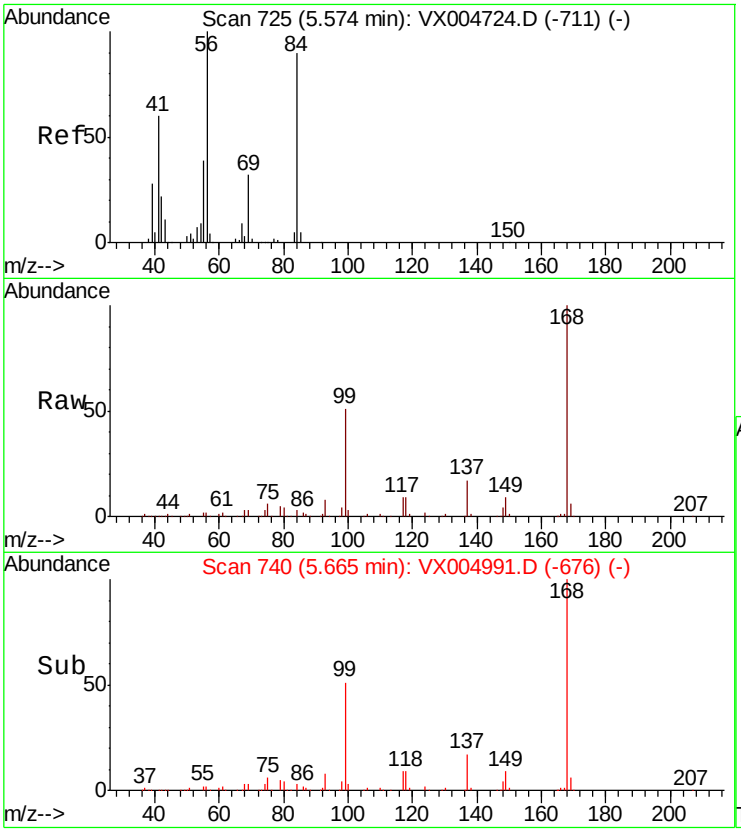


#29
Tetrahydrofuran
Concen: 1.108 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 42 Resp: 2360

Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.7	50.5
71	31.9	32.2	48.4#



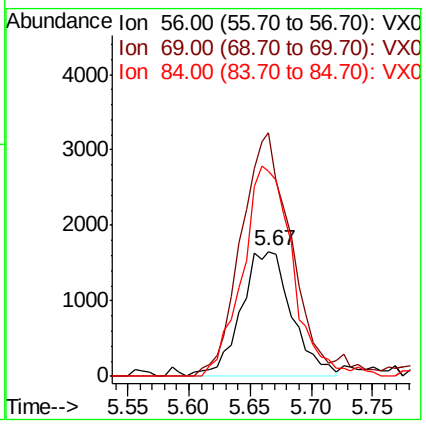


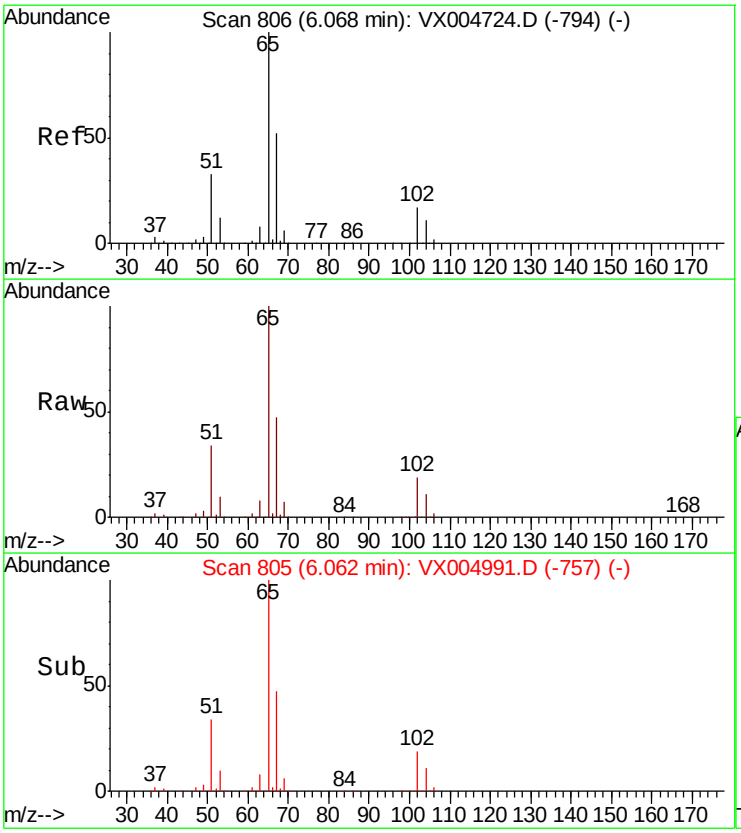
#31
Cyclohexane
Concen: 0.941 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 56 Resp: 4769

Ion	Ratio	Lower	Upper
56	100		
69	195.5	25.9	38.9#
84	165.1	71.9	107.9#

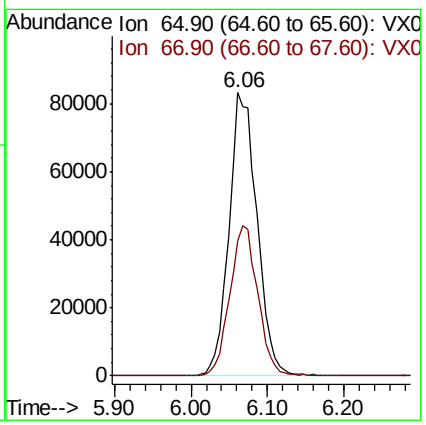


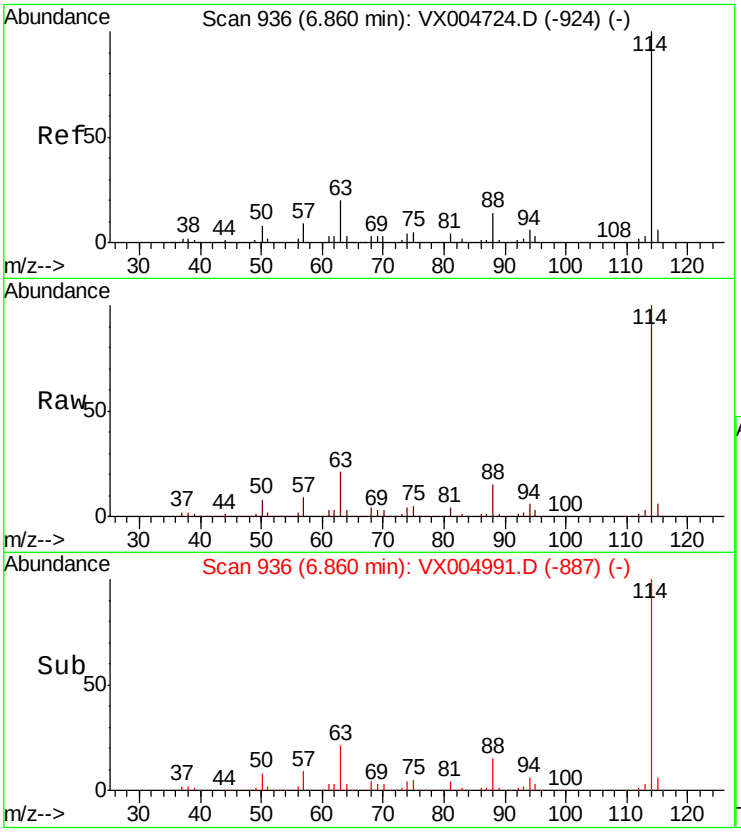


#33
1,2-Dichloroethane-d4
Concen: 53.018 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 65 Resp: 211118

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.4



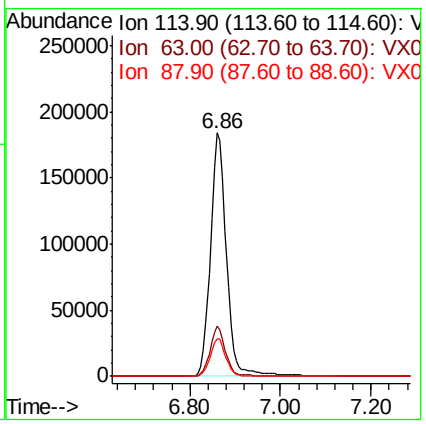


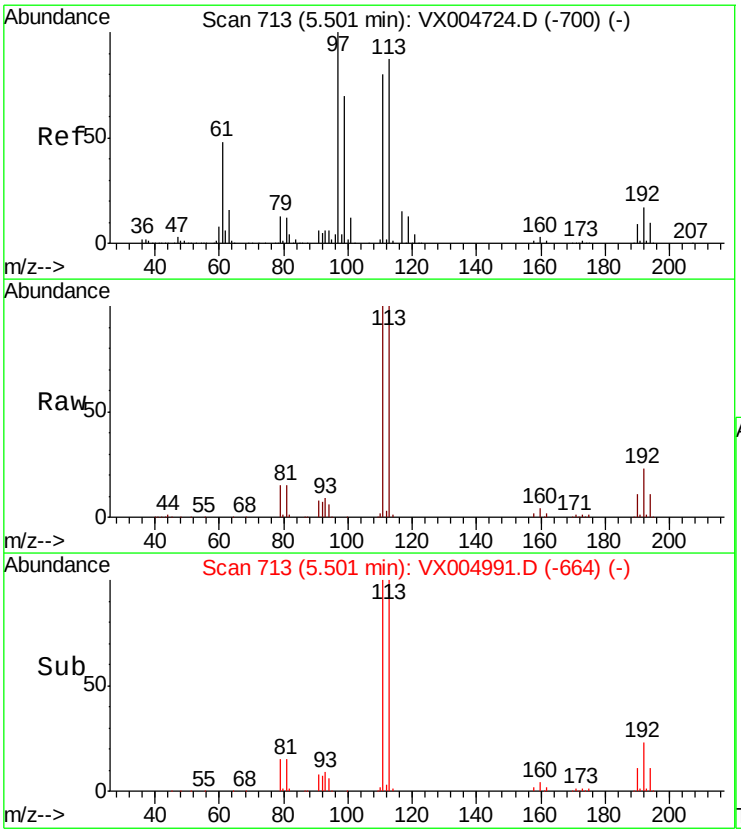
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion:114 Resp: 457592

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.4	0.0	27.0

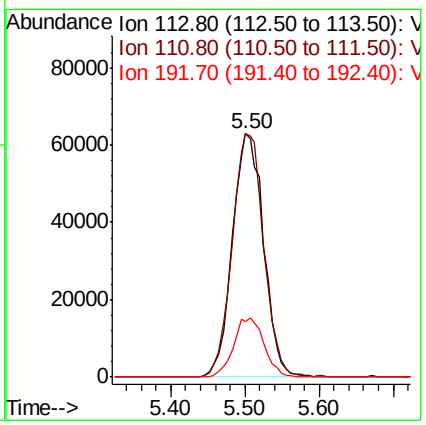


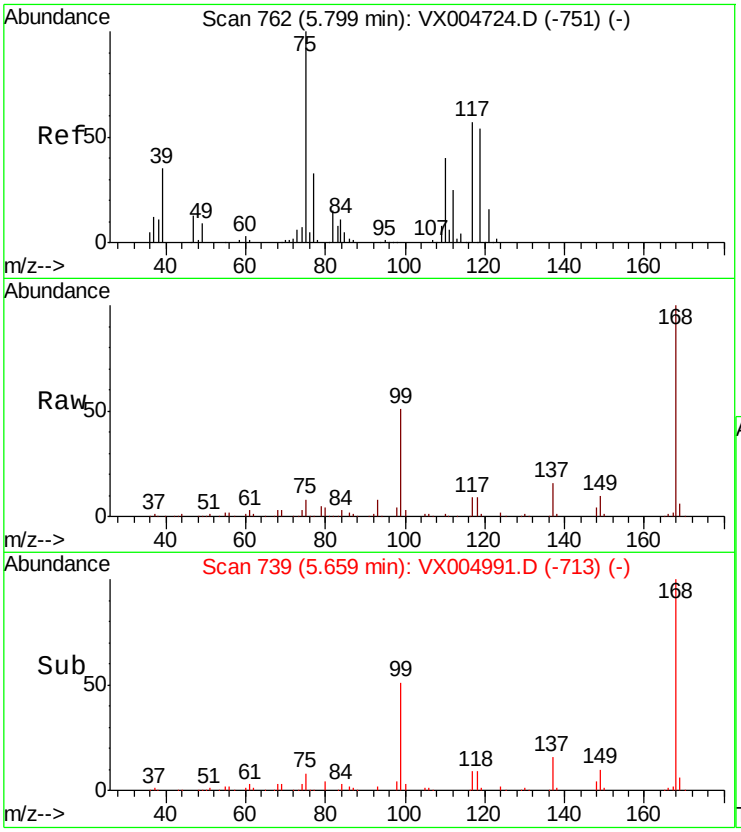


#35
Dibromofluoromethane
Concen: 47.783 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion:113 Resp: 185311

Ion	Ratio	Lower	Upper
113	100		
111	100.4	77.0	115.4
192	23.8	17.0	25.6



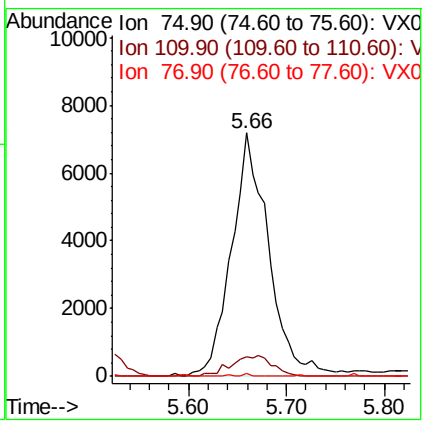


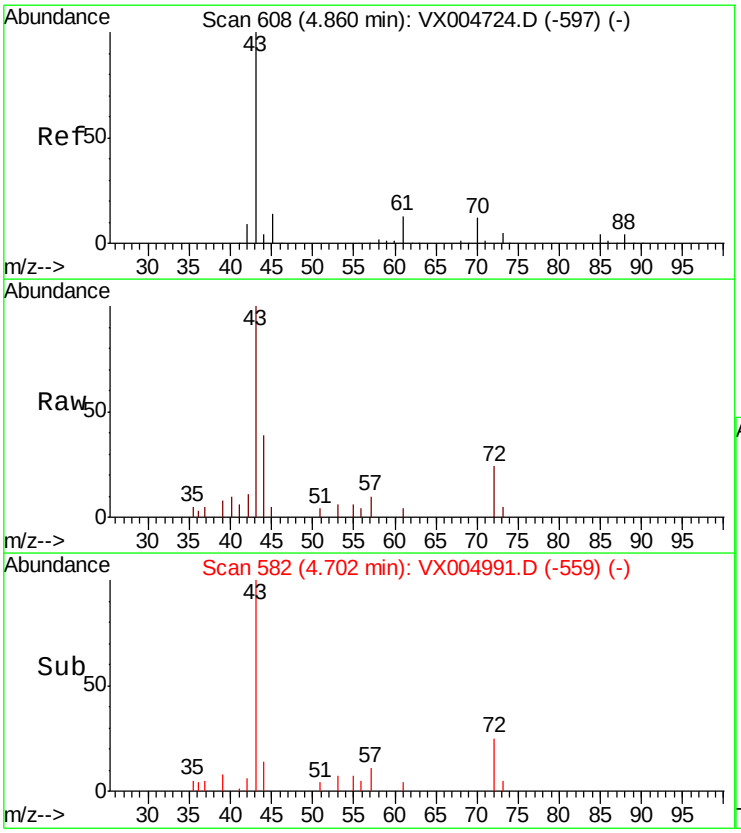
#36
1,1-Dichloropropene
Concen: 3.569 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 75 Resp: 18883

Ion	Ratio	Lower	Upper
75	100		
110	9.7	20.0	59.9#
77	0.1	27.1	40.7#

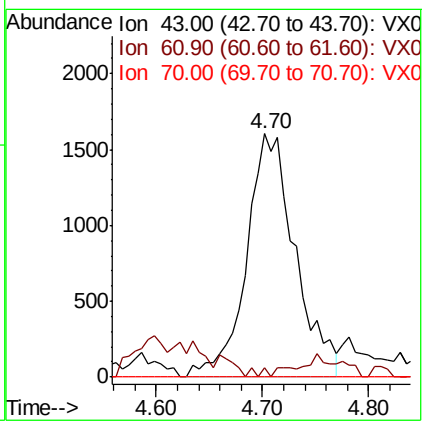


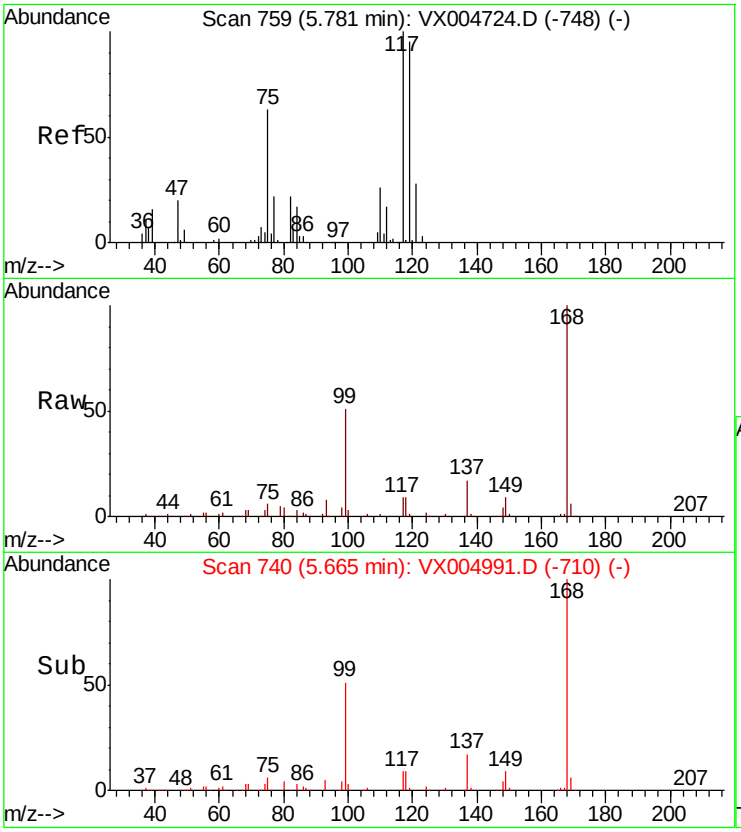


#37
Ethyl Acetate
Concen: 0.731 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 43 Resp: 5134

Ion	Ratio	Lower	Upper
43	100		
61	2.1	10.4	15.6#
70	0.0	8.7	13.1#



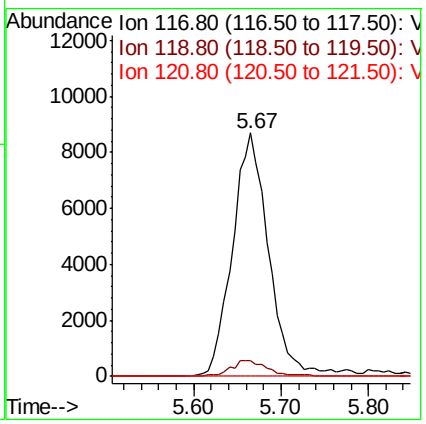


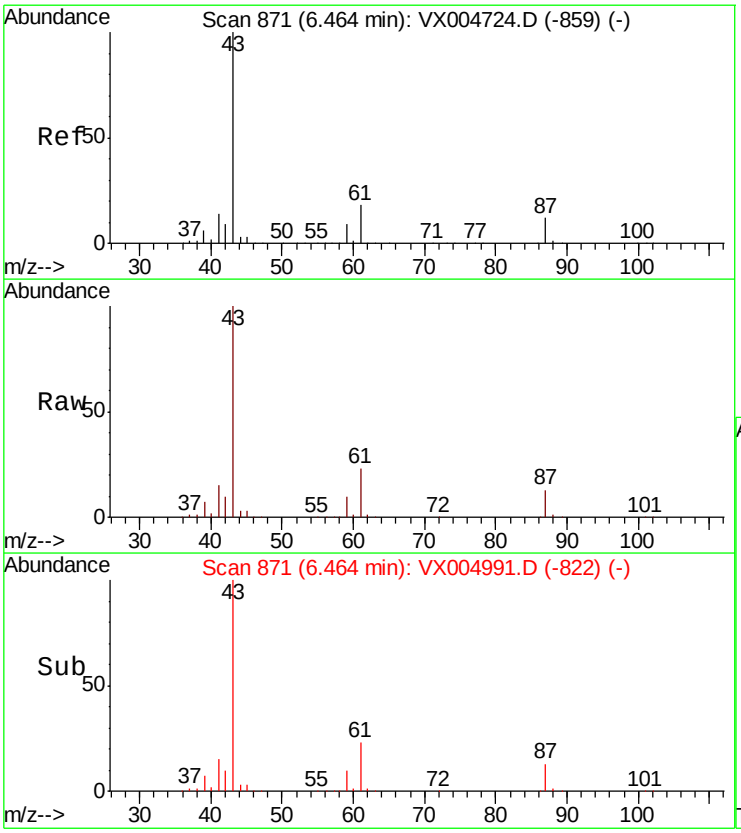
#38
Carbon Tetrachloride
Concen: 4.476 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion:117 Resp: 24893

Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.2	112.8#
121	0.0	22.5	33.7#

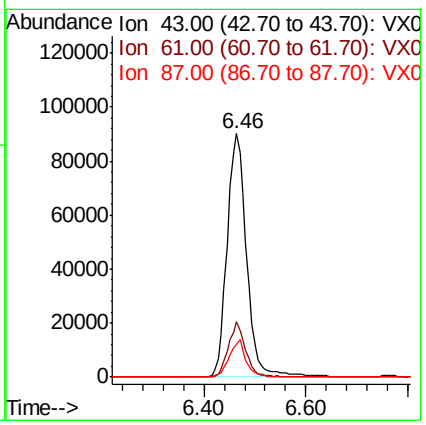


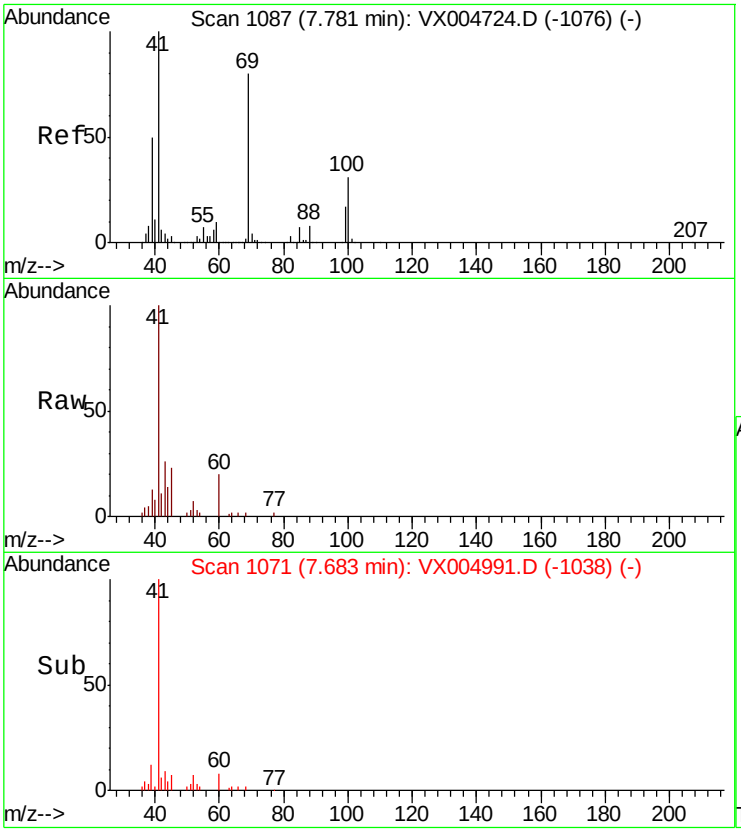


#43
Isopropyl Acetate
Concen: 23.622 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 43 Resp: 239463

Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.2	21.4
87	13.3	9.3	13.9



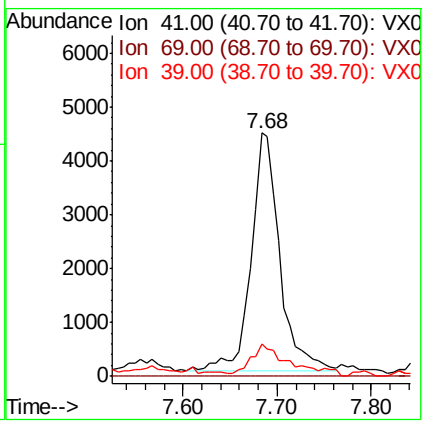


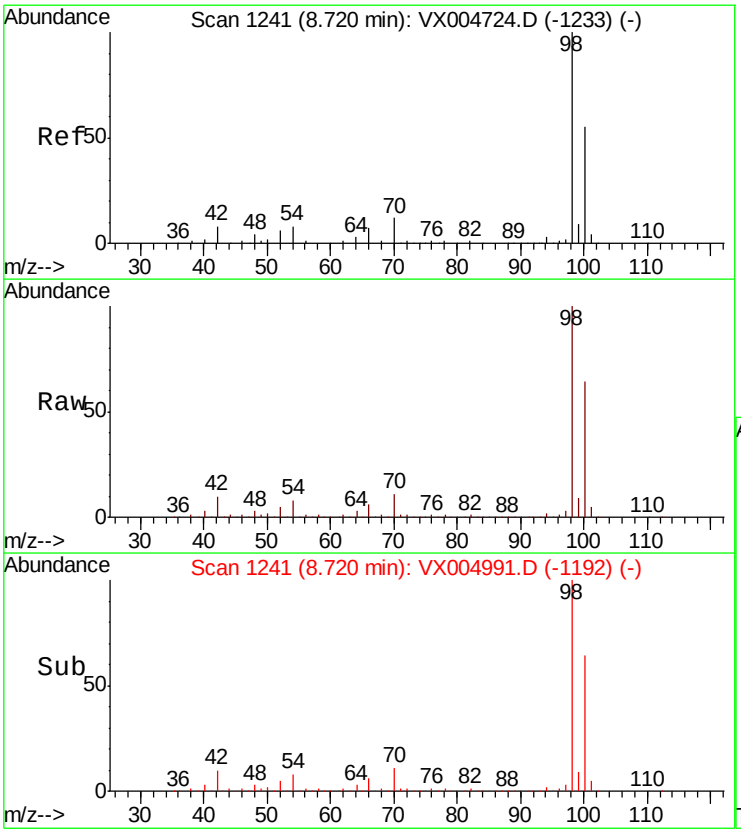
#48
Methyl methacrylate
Concen: 2.050 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Tgt Ion: 41 Resp: 9431

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	18.1	40.7	61.1#

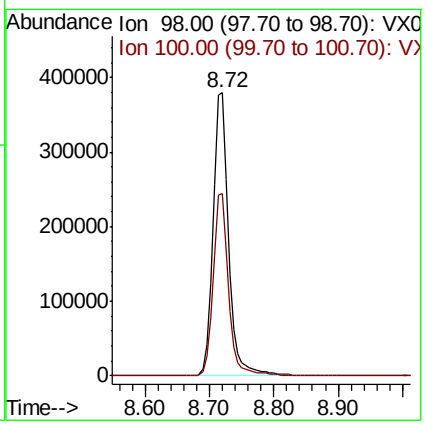


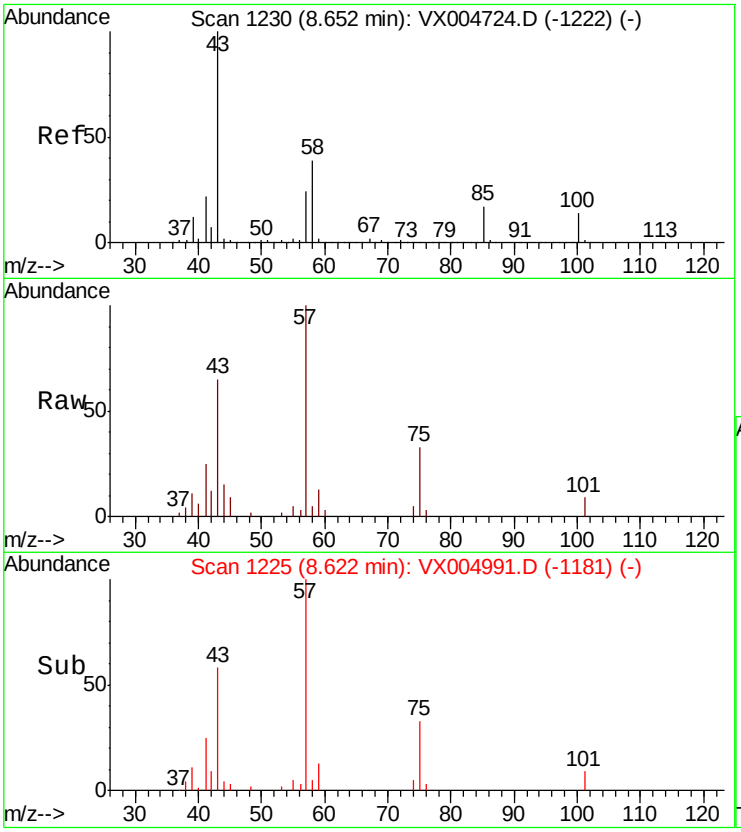


#50
Toluene-d8
Concen: 50.463 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 98 Resp: 650610

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



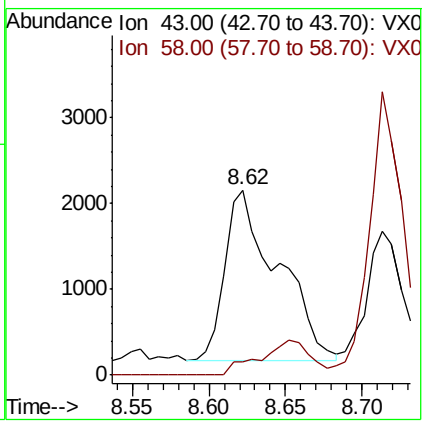


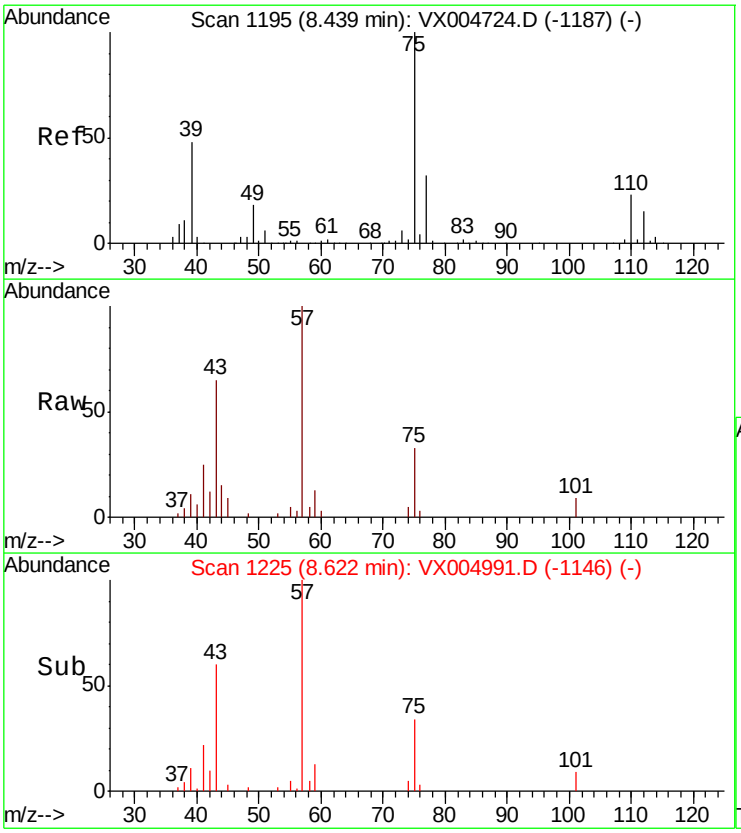
#51
4-Methyl-2-Pentanone
Concen: 0.749 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Tgt Ion: 43 Resp: 4782

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#

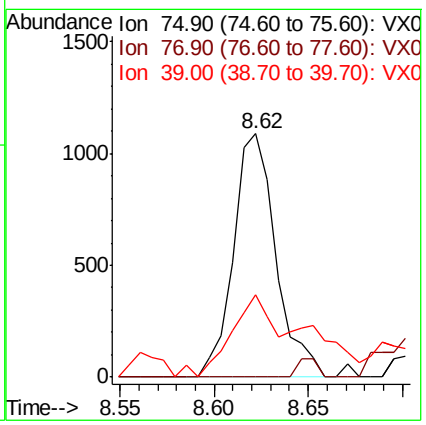


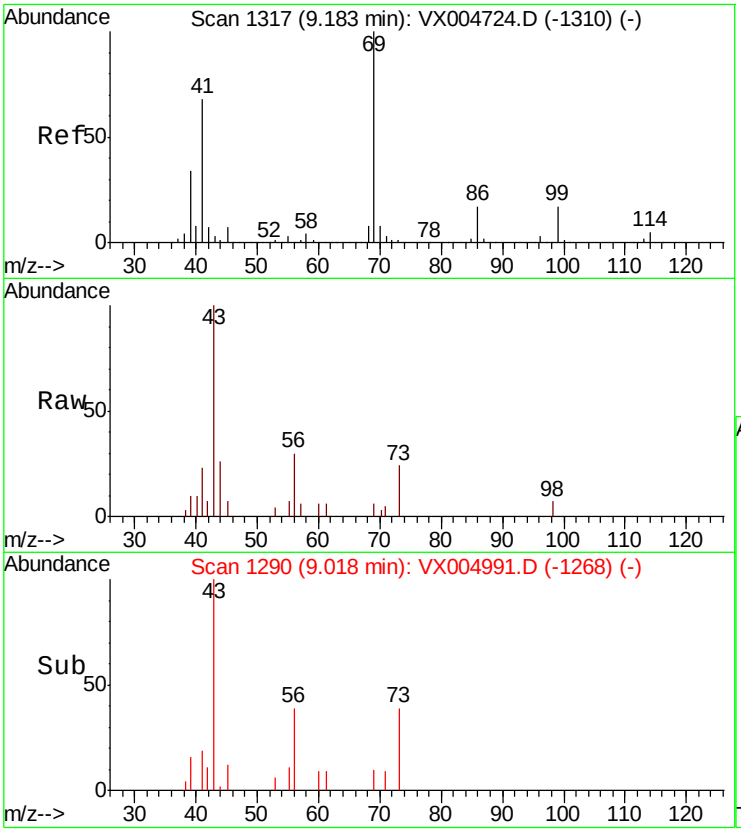


#54
cis-1,3-Dichloropropene
Concen: 0.299 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 75 Resp: 1694

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	29.1	38.3	57.5#



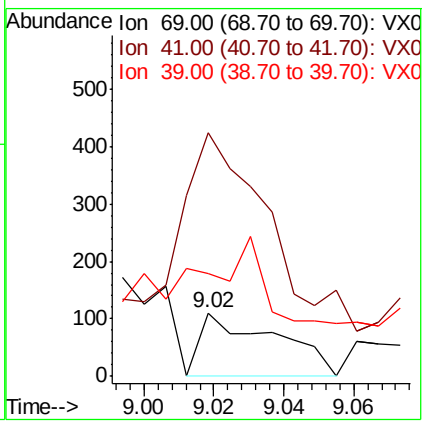


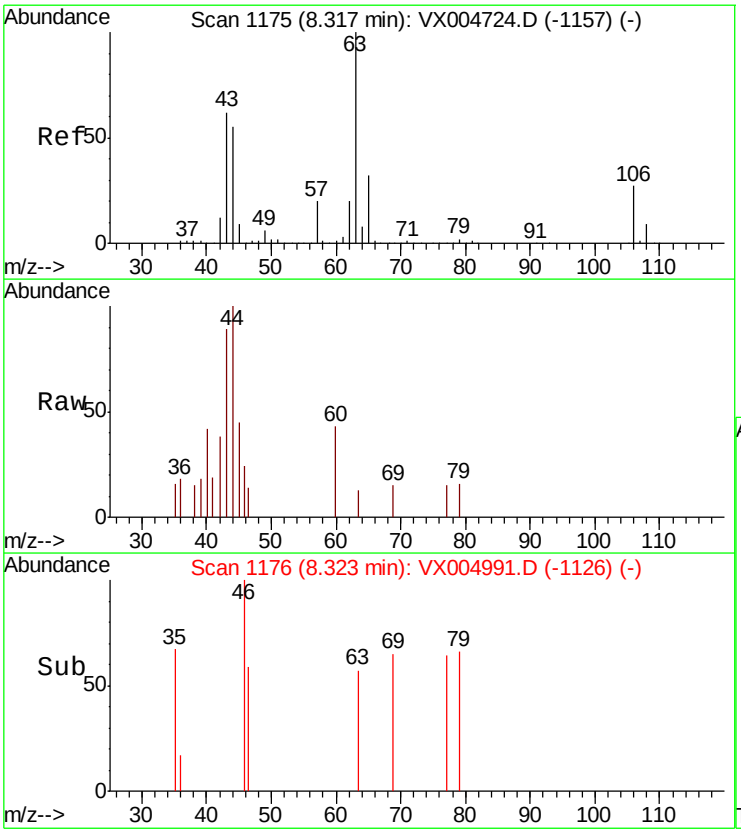
#56
Ethyl methacrylate
Concen: 2.886 ug/l
RT: 9.02 min Scan# 1290
Delta R.T. -0.16 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 69 Resp: 165

Ion	Ratio	Lower	Upper
69	100		
41	317.6	56.9	85.3#
39	131.5	28.4	42.6#

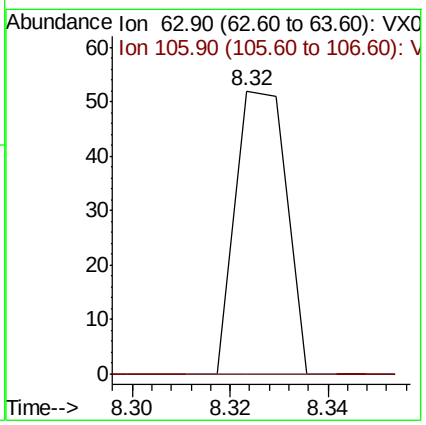


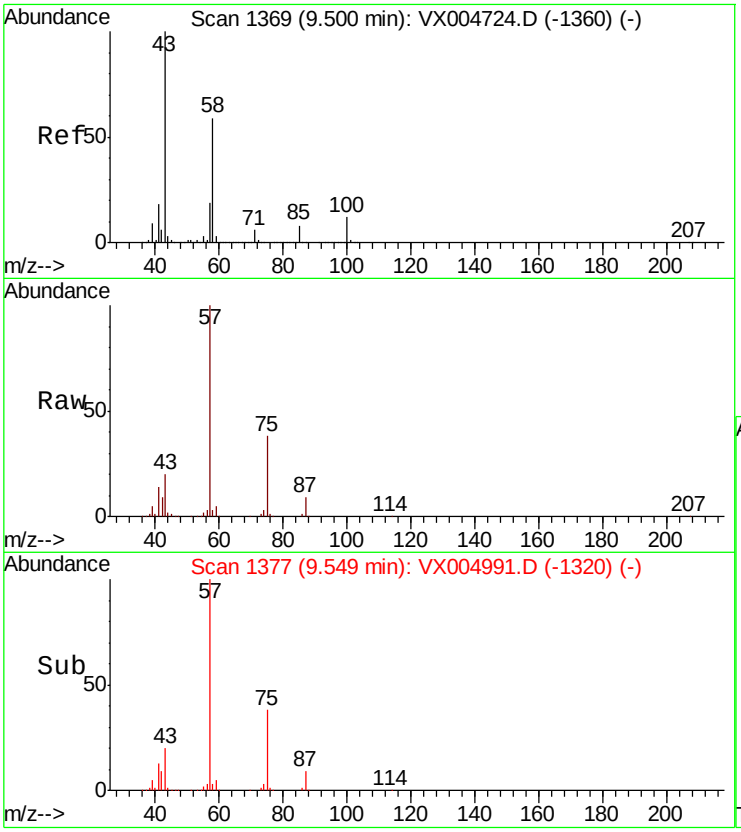


#58
2-Chloroethyl Vinyl ether
Concen: 14.253 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 63 Resp: 38

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



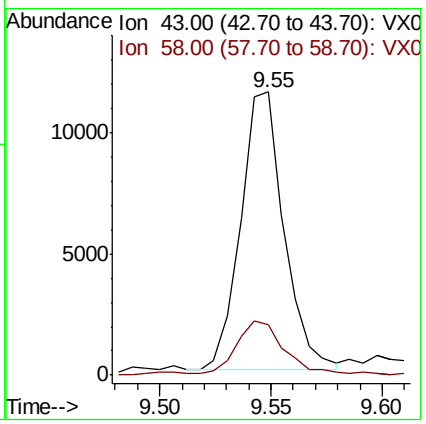


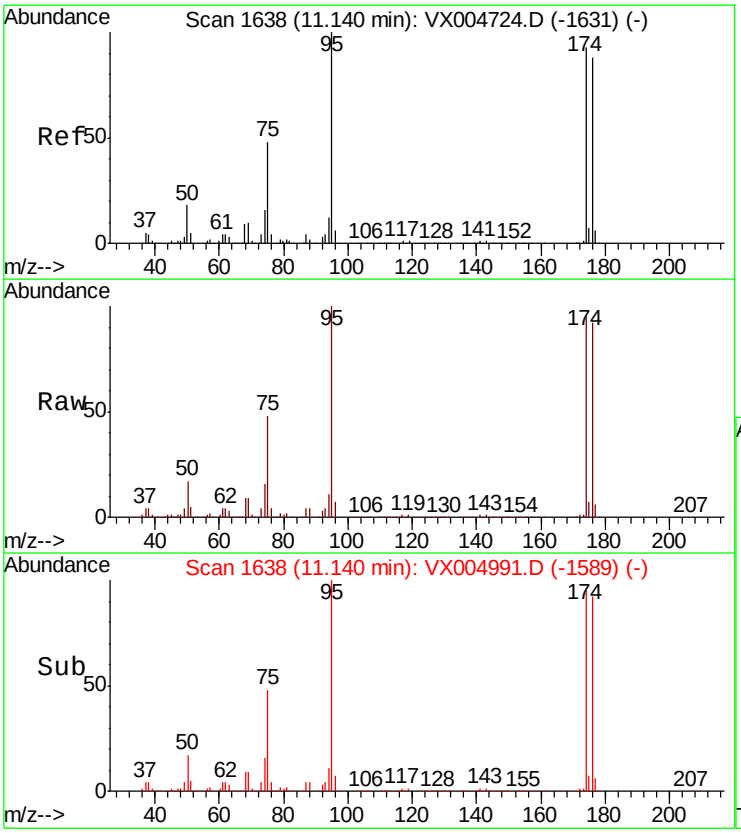
#59
2-Hexanone
Concen: 2.914 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 43 Resp: 15502

Ion	Ratio	Lower	Upper
43	100		
58	22.3	28.4	85.3#

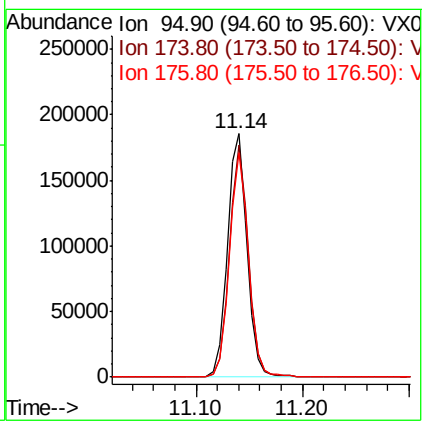


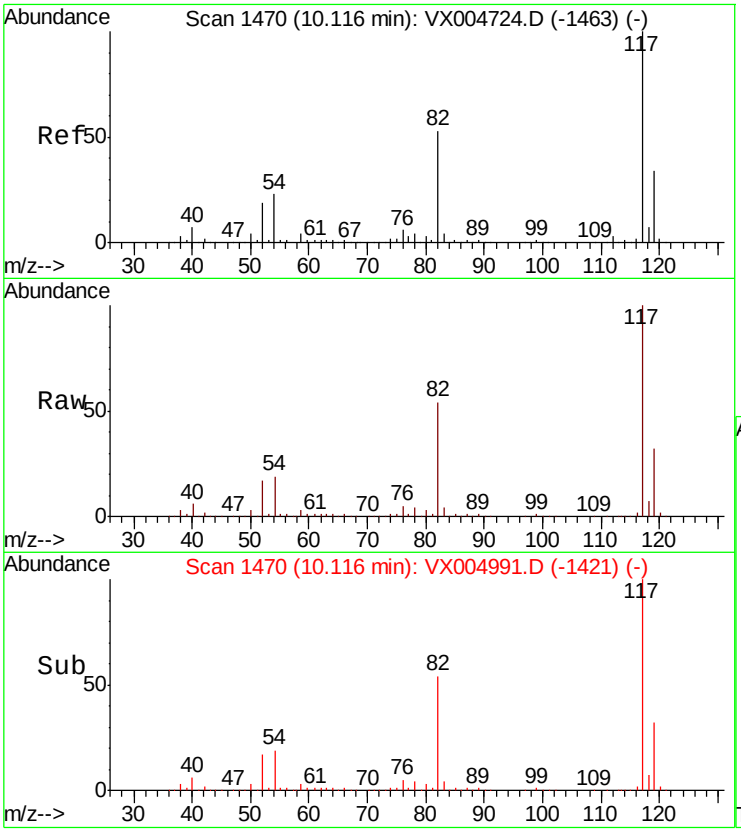


#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 95 Resp: 239703

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	185.0
176	89.8	0.0	180.2



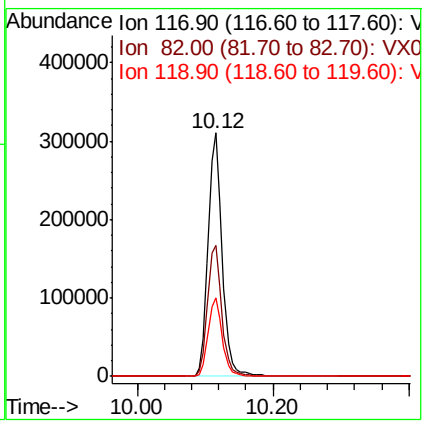


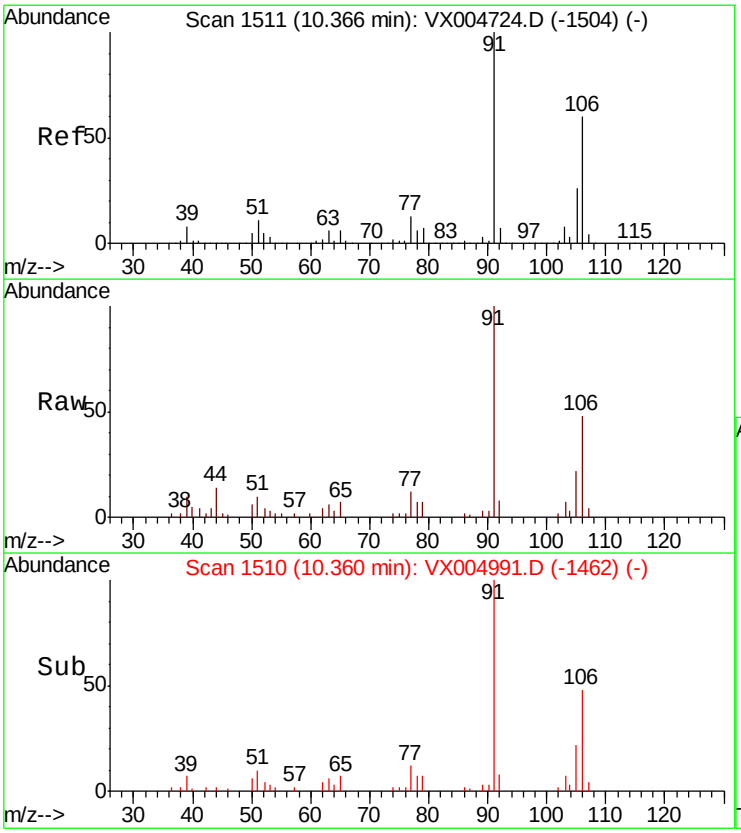
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion:117 Resp: 444808

Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	32.0	27.4	41.0

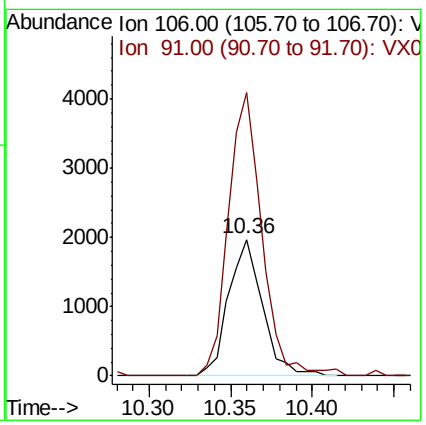


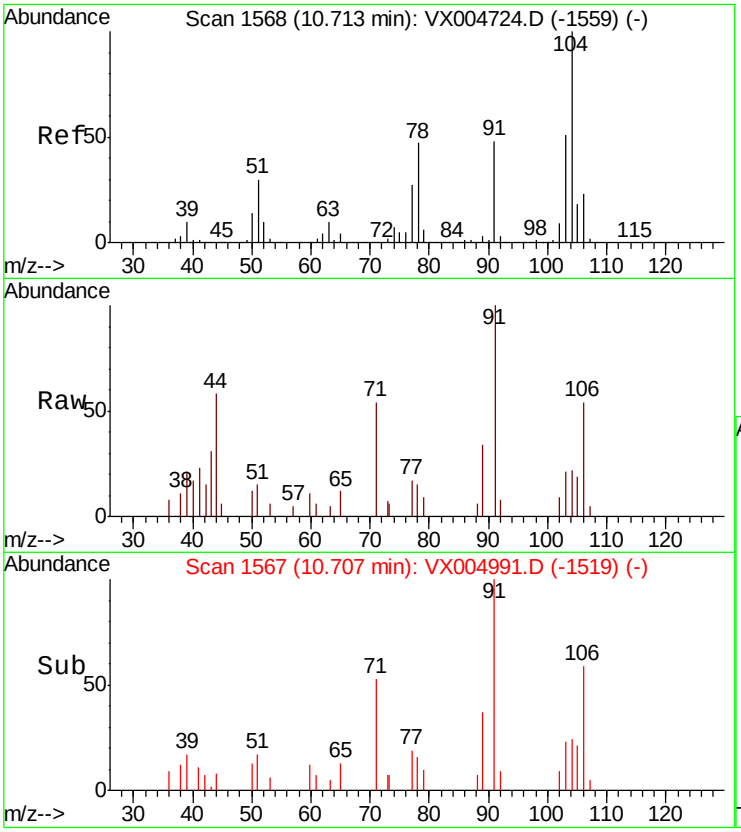


#68
m/p-Xylenes
Concen: 0.404 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion:106 Resp: 2861

Ion	Ratio	Lower	Upper
106	100		
91	204.1	157.5	236.3



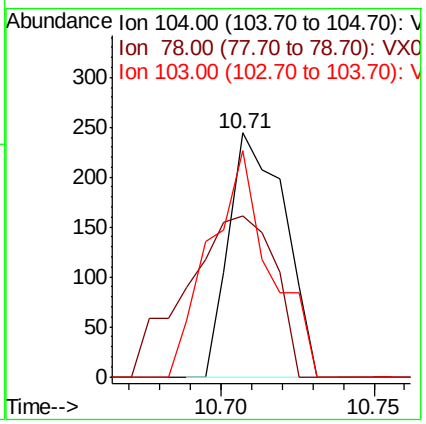


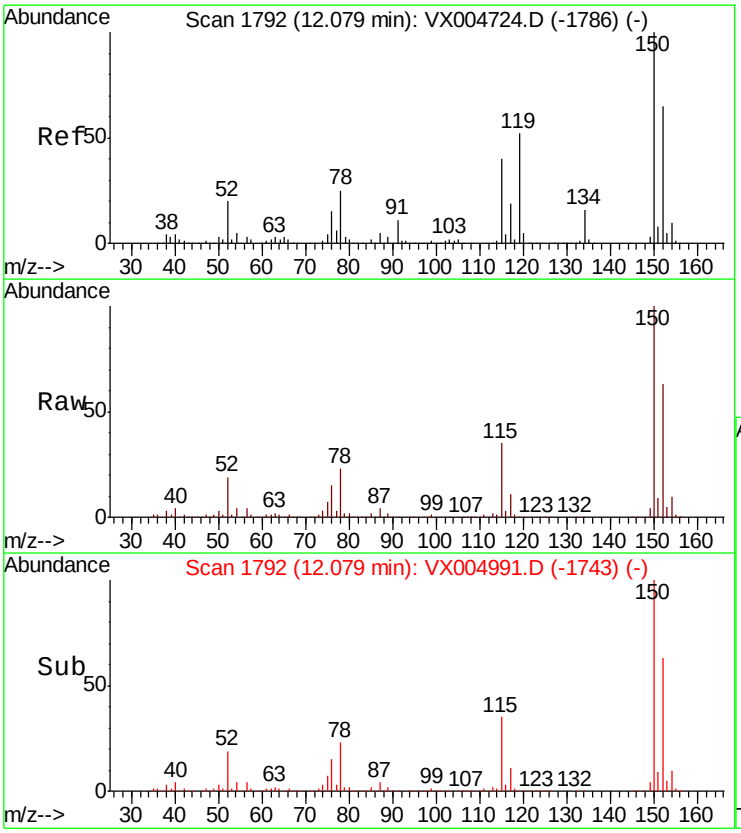
#70
Stvrene
Concen: 2.165 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion:104 Resp: 309

Ion	Ratio	Lower	Upper
104	100		
78	105.2	40.0	60.0#
103	100.6	44.3	66.5#

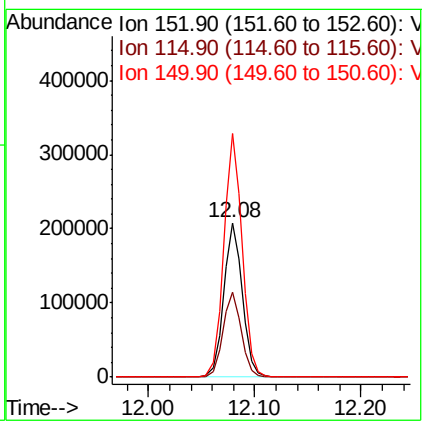


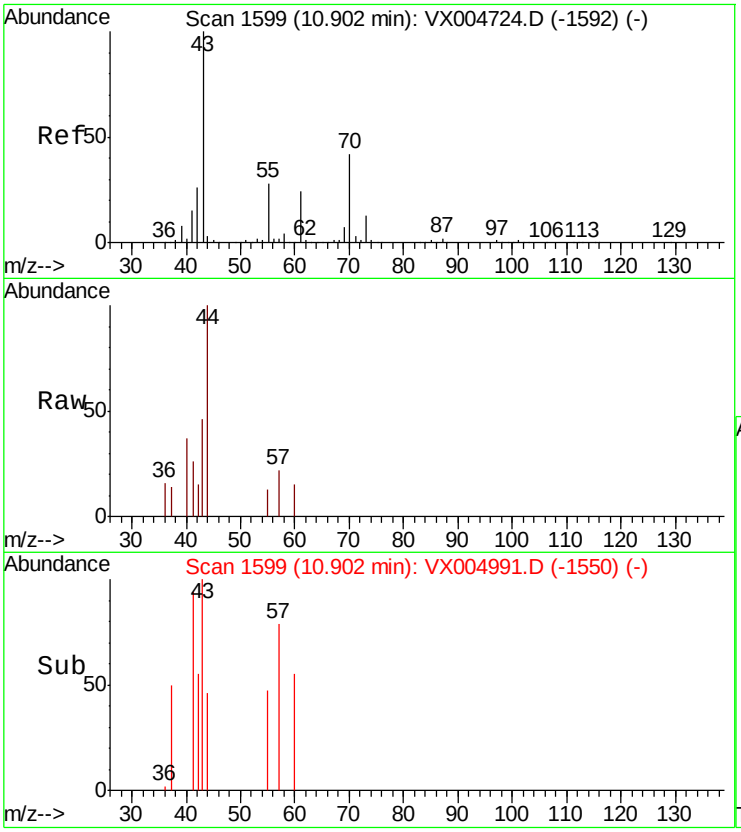


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion:152 Resp: 252200

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.2	120.6
150	155.9	0.0	351.0



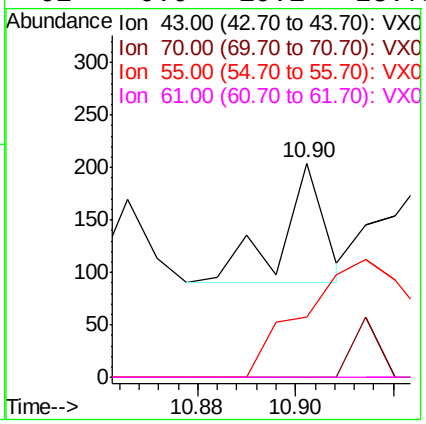


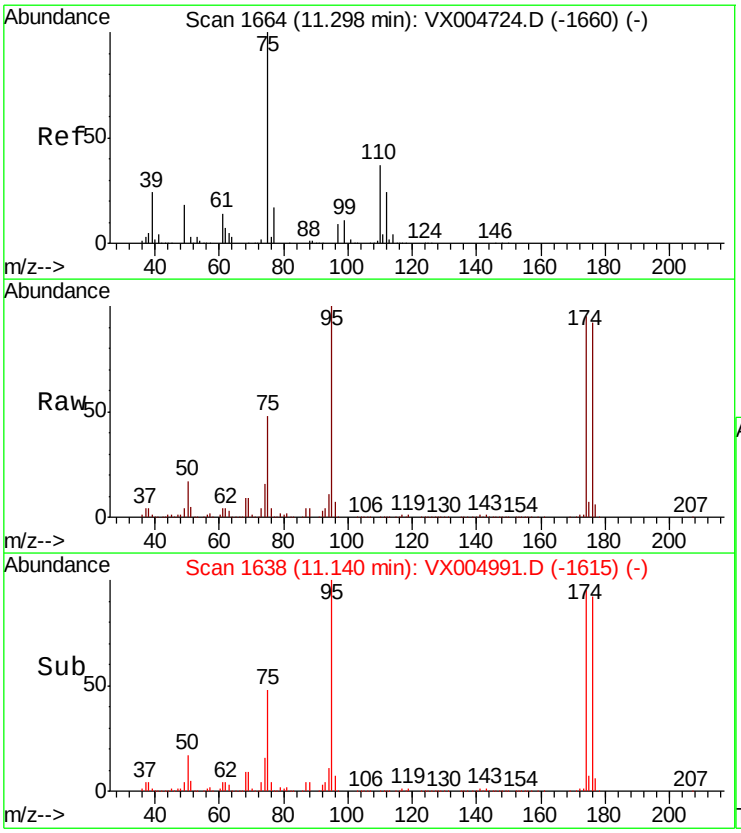
#74
N-amyl acetate
Concen: 1.756 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#17

Tgt Ion: 43 Resp: 70

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	317.1	21.6	32.4#
61	0.0	19.1	28.7#

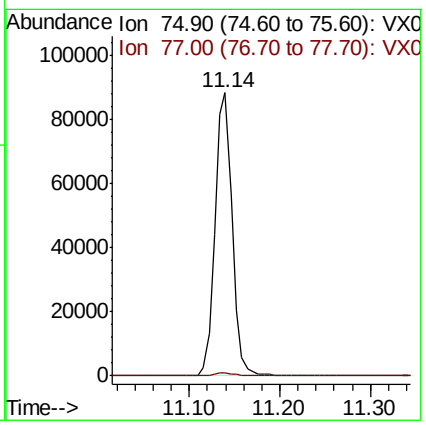


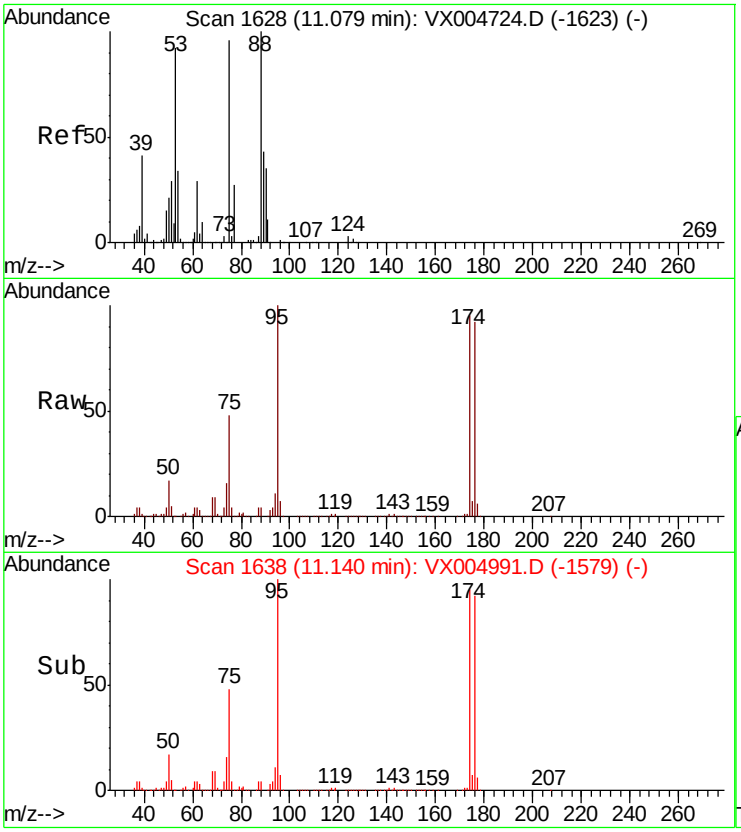


#76
1,2,3-Trichloropropane
Concen: 20.652 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 75 Resp: 116738

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



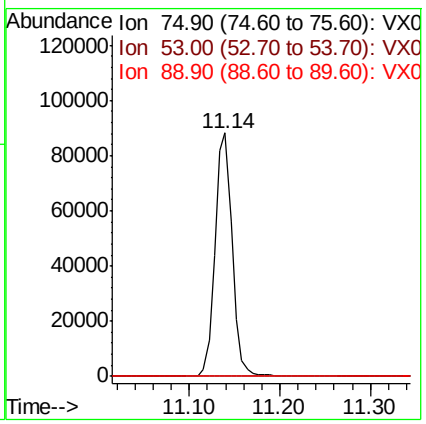


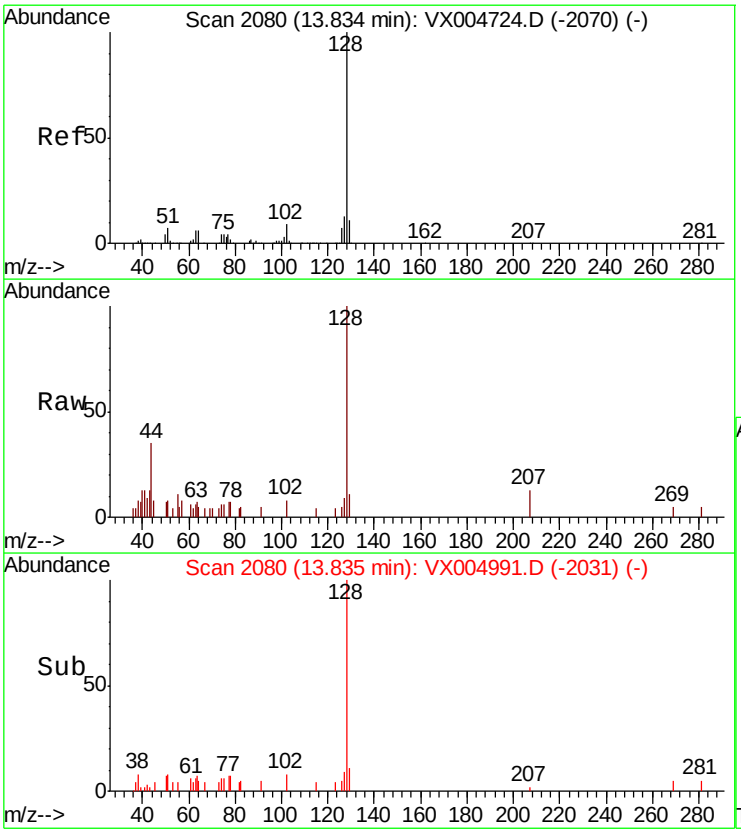
#81
trans-1,4-Dichloro-2-butene
Concen: 56.073 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

Tgt Ion: 75 Resp: 116738

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





#95
Naphthalene
Concen: 0.798 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion:128 Resp: 1668

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.4	15.6
129	10.5	8.7	13.1