Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004445.D
Acq On : 10 Sep 2018 13:41
Operator : JC/MD
Sample : PB112704ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Quant Time: Sep 11 01:19:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	310877	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	515101	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	471386	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274899	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	220414	54.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.80%				
35) Dibromofluoromethane	5.50	113	195360	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
50) Toluene-d8	8.71	98	736609	50.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.86%				
62) 4-Bromofluorobenzene	11.14	95	259171	48.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.04%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	837	0.50	ug/l		98
5) Bromomethane	1.65	94	676	Below Cal			99
6) Chloroethane	1.71	64	1857	1.53	ug/l	#	58
10) Methyl Iodide	2.53	142	474	4.37	ug/l	#	82
11) Tert butyl alcohol	3.06	59	485	0.56	ug/l	#	87
13) Acrolein	2.29	56	217	1.04	ug/l	#	1
16) Acetone	2.44	43	26260	8.06	ug/l		100
17) Carbon Disulfide	2.57	76	718	0.88	ug/l	#	76
18) Methyl Acetate	2.78	43	8930	1.49	ug/l		96
20) Methylene Chloride	2.85	84	17431	4.47	ug/l		99
25) 2-Butanone	4.70	43	3727	Below Cal			97
29) Tetrahydrofuran	5.17	42	1696	0.97	ug/l		92
30) Chloroform	5.22	83	3598	0.55	ug/l		96
31) Cyclohexane	5.66	56	5050	0.89	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	20044	3.46	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	26645	4.89	ug/l	#	15
41) Methacrylonitrile	5.17	41	1225	0.37	ug/l	#	44
43) Isopropyl Acetate	6.46	43	228435	26.10	ug/l		100
48) Methyl methacrylate	7.69	41	9230	1.97	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.62	43	3610	0.57	ug/l	#	86
54) cis-1,3-Dichloropropene	8.62	75	1790	0.28	ug/l	#	67
59) 2-Hexanone	9.55	43	16192	3.34	ug/l	#	55
76) 1,2,3-Trichloropropane	11.14	75	121183	21.67	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	3250	0.22	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	121183	70.33	ug/l	#	10
92) 1,2-Dibromo-3-Chloropropan	12.97	75	226	0.20	ug/l	#	1
94) Hexachlorobutadiene	13.79	225	109	Below Cal		#	62

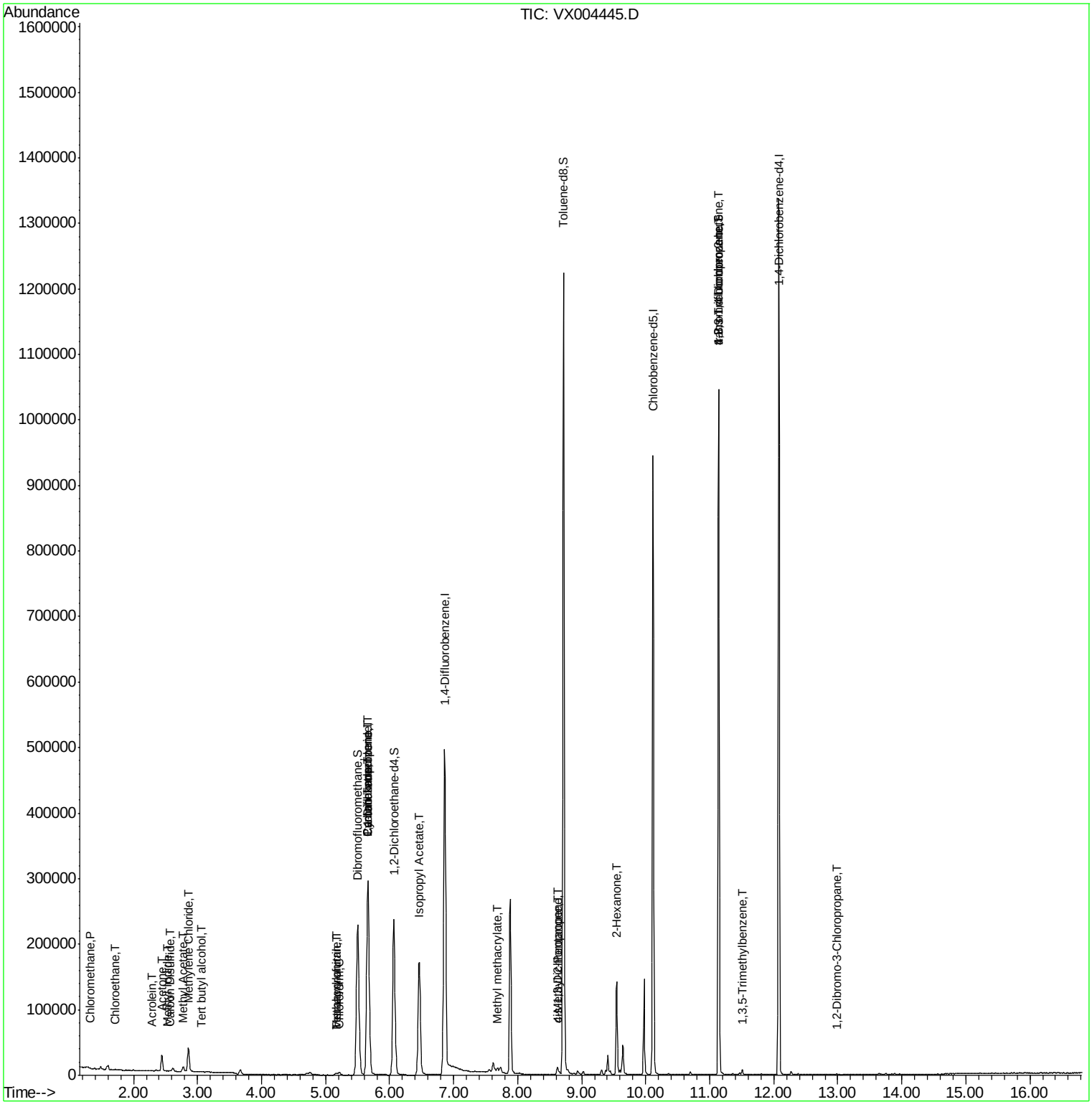
(#) = qualifier out of range (m) = manual integration (+) = signals summed

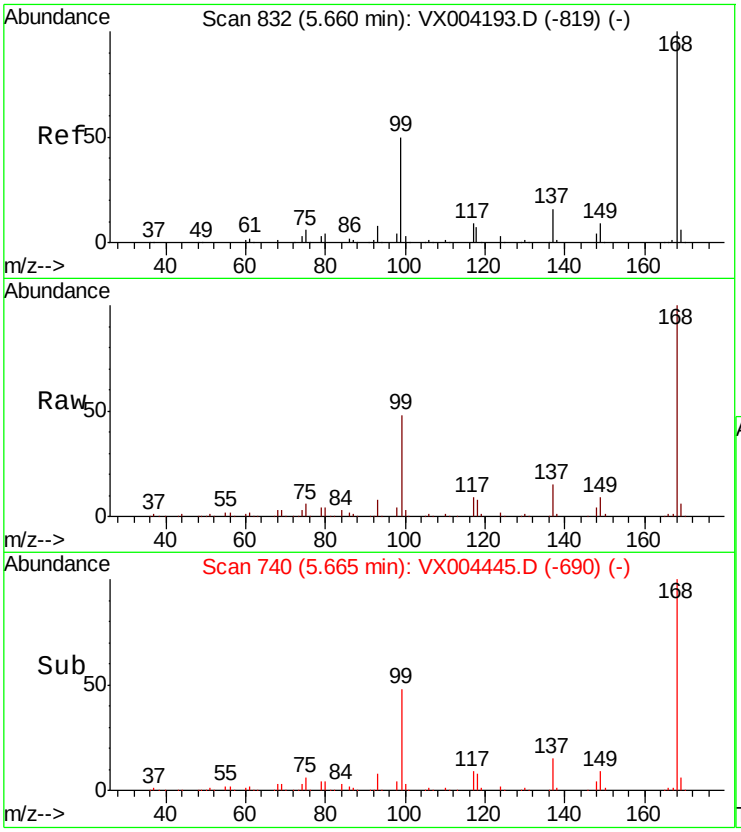
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
Data File : VX004445.D
Acq On : 10 Sep 2018 13:41
Operator : JC/MD
Sample : PB112704ZHE#02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Quant Time: Sep 11 01:19:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



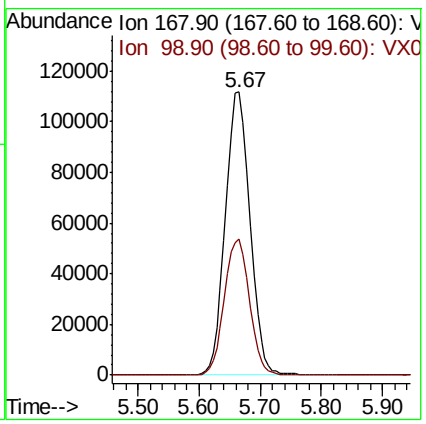


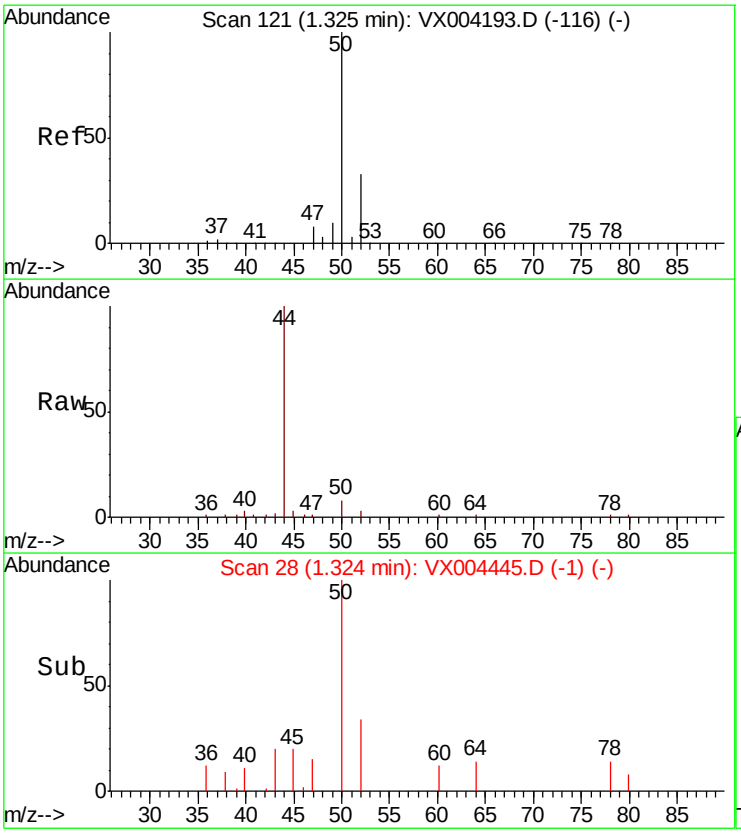
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion:168 Resp: 310877

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.9	59.9

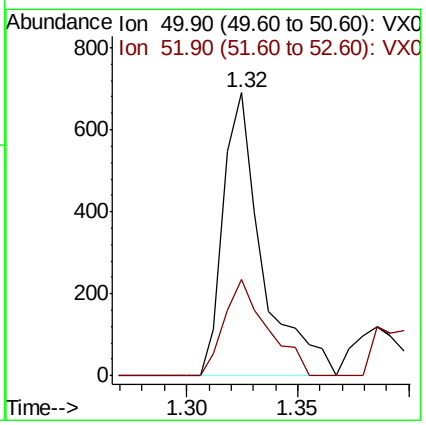


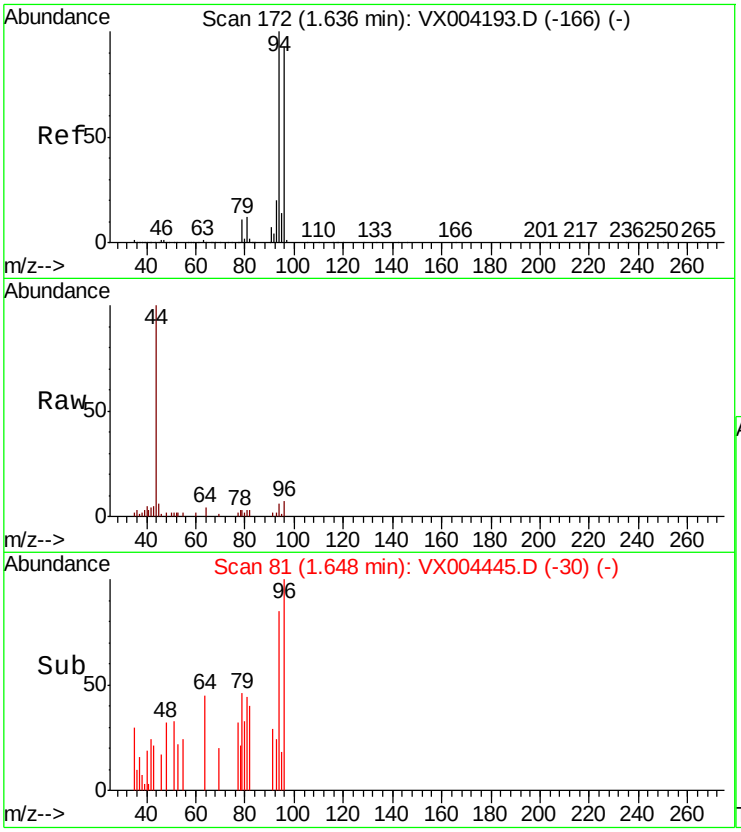


#3
Chloromethane
Concen: 0.50 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 50 Resp: 837

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.2	39.2



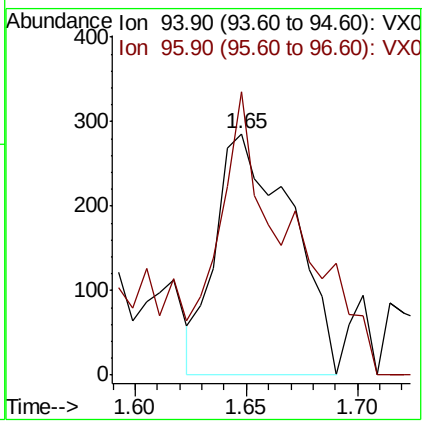


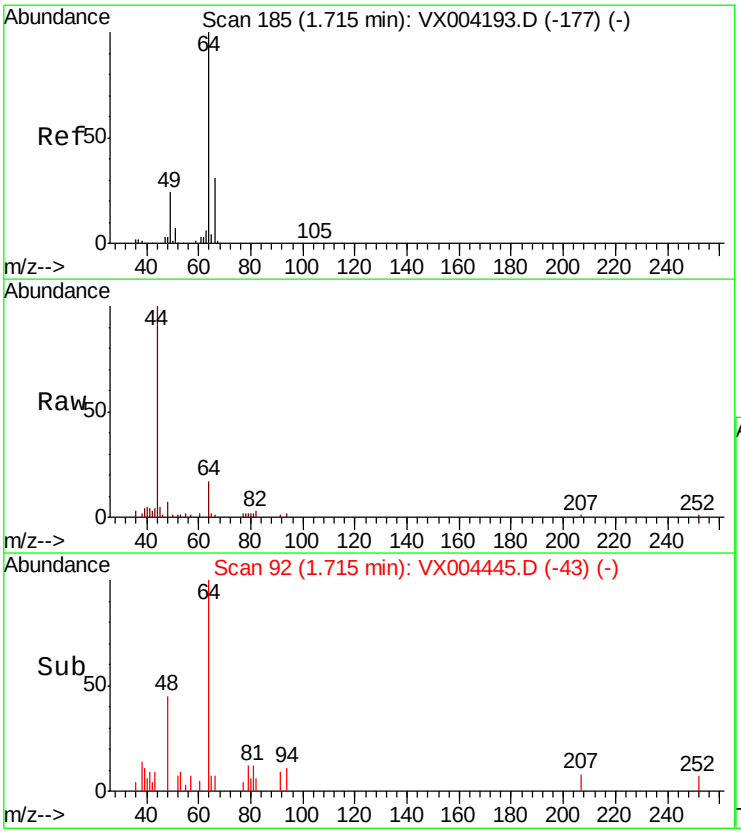
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 94 Resp: 676

Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.5	111.7

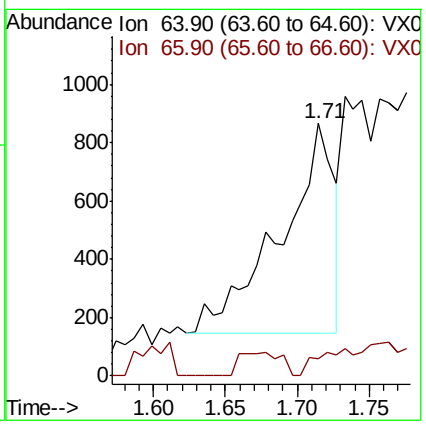


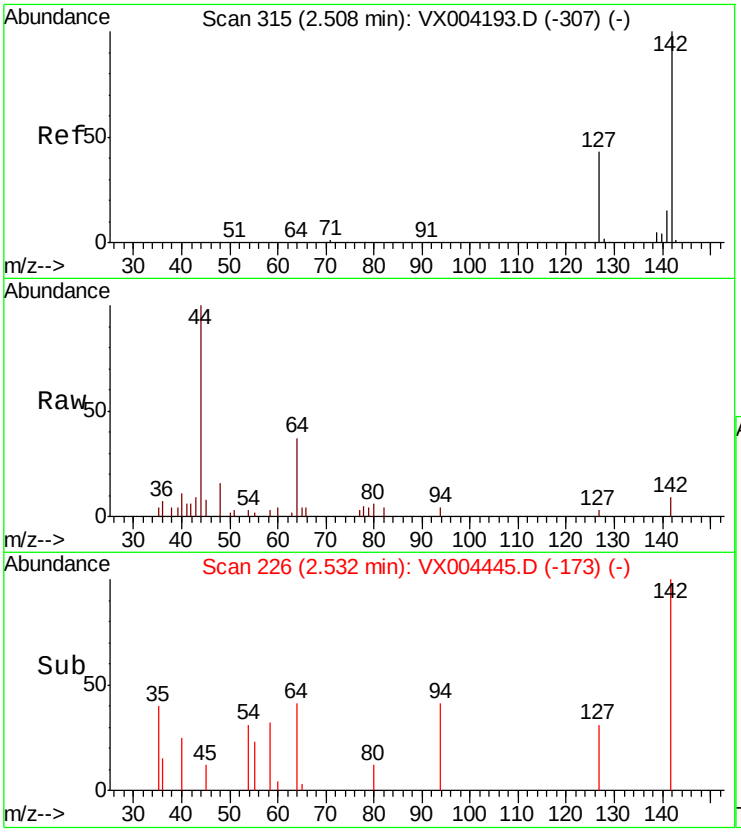


#6
Chloroethane
Concen: 1.53 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 64 Resp: 1857

Ion	Ratio	Lower	Upper
64	100		
66	7.9	24.6	36.8#



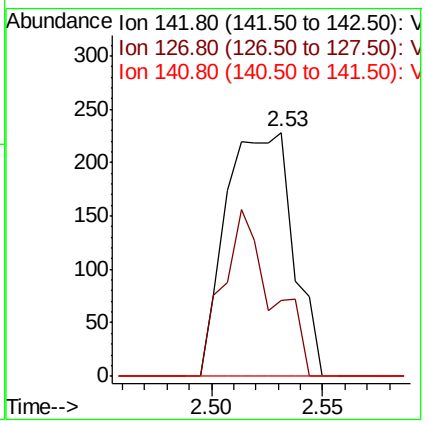


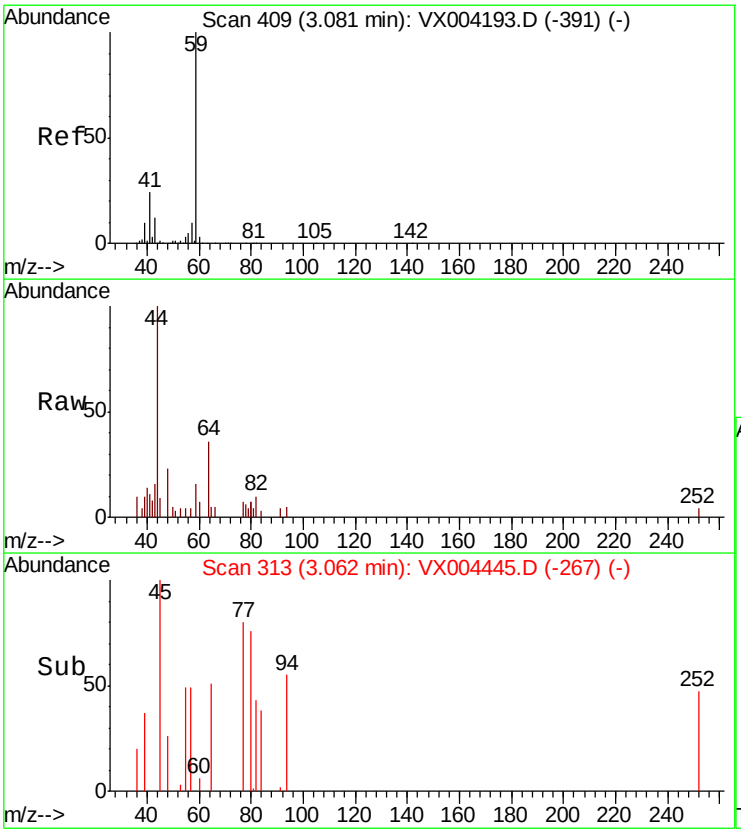
#10
Methyl Iodide
Concen: 4.37 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Tgt Ion:142 Resp: 474

Ion	Ratio	Lower	Upper
142	100		
127	50.2	33.8	50.6
141	0.0	11.4	17.0#

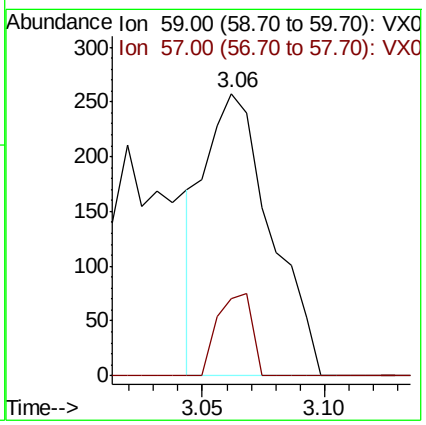


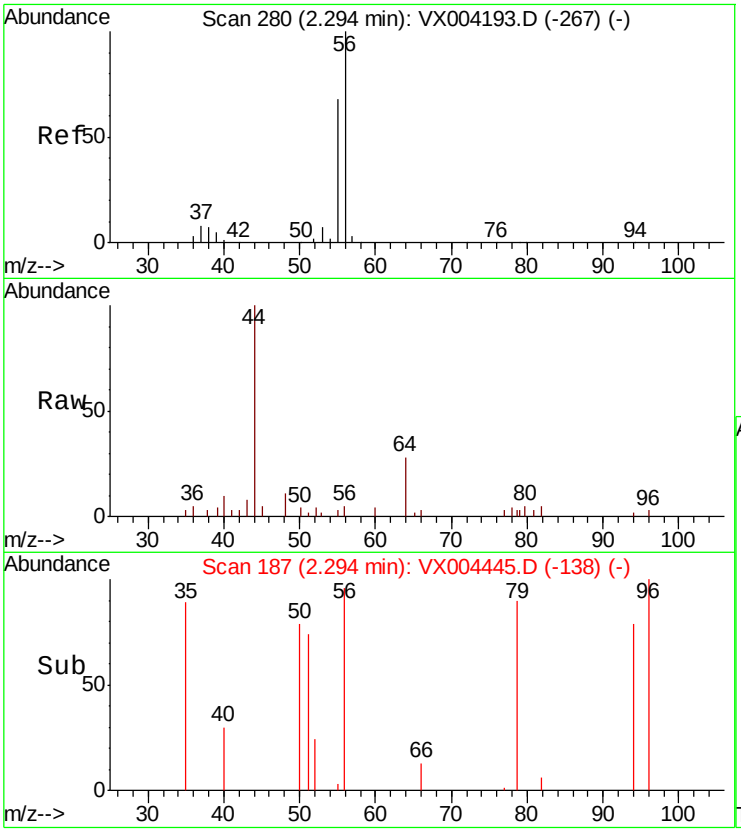


#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 59 Resp: 485

Ion	Ratio	Lower	Upper
59	100		
57	15.1	8.2	12.4#



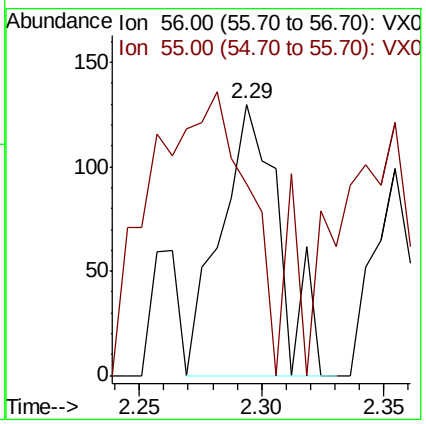


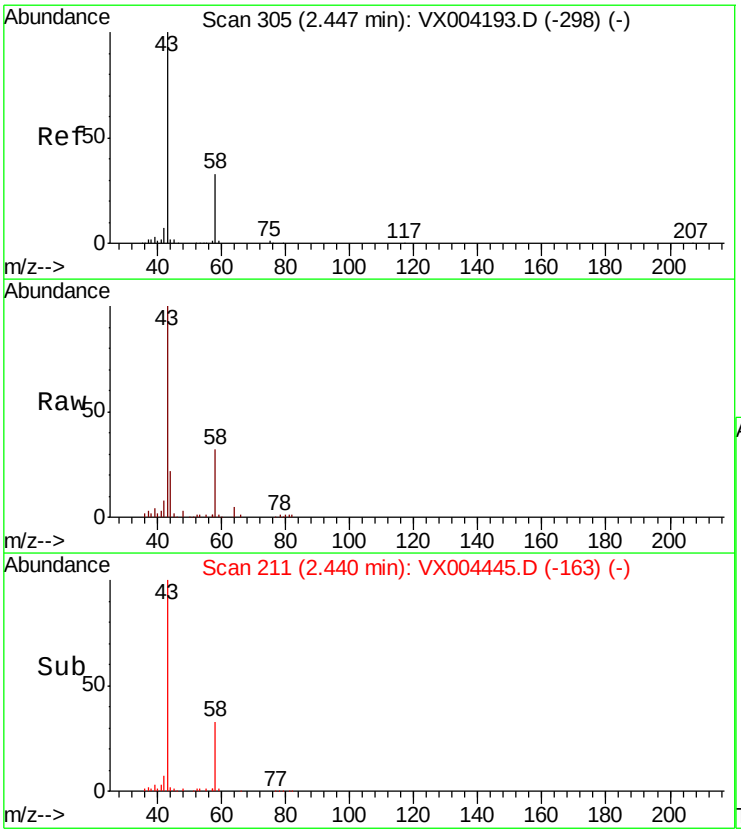
#13
Acrolein
Concen: 1.04 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 56 Resp: 217

Ion	Ratio	Lower	Upper
56	100		
55	170.5	54.7	82.1#

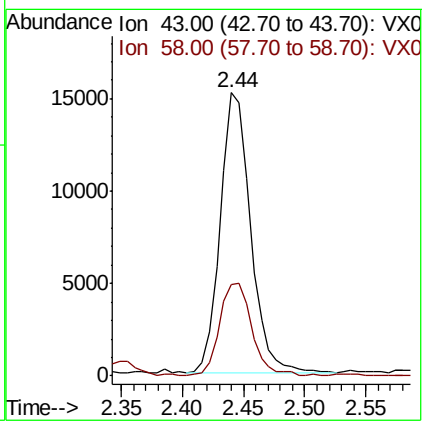


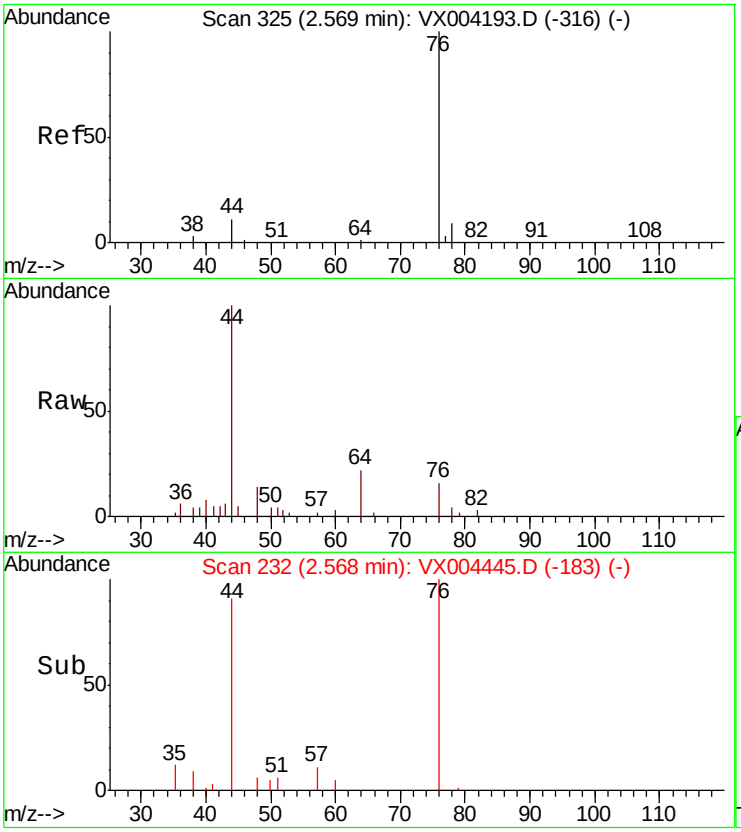


#16
Acetone
Concen: 8.06 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 26260

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.2	39.4



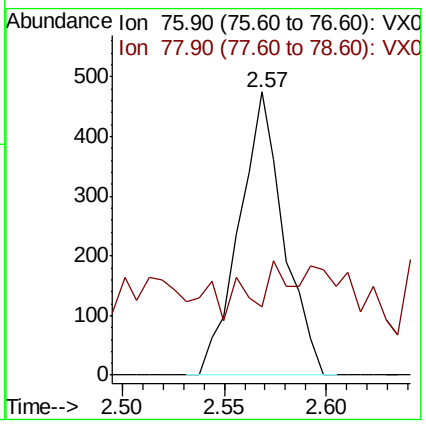


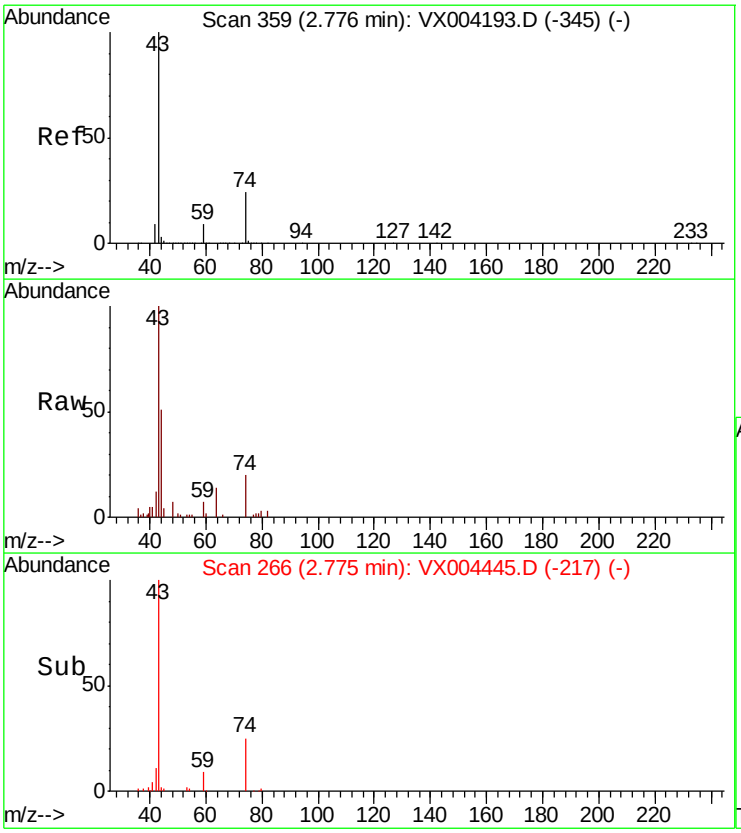
#17
Carbon Disulfide
Concen: 0.88 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 76 Resp: 718

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.6#

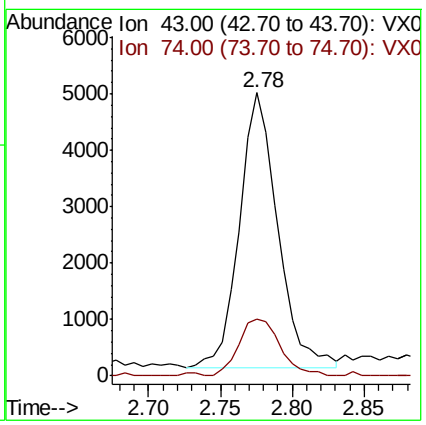


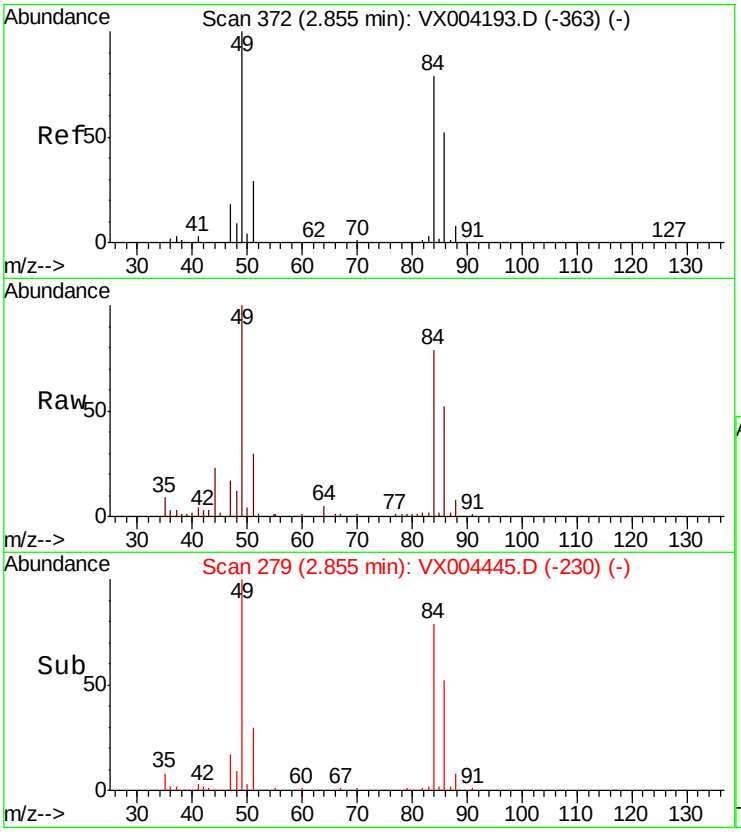


#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 8930

Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.4	29.2



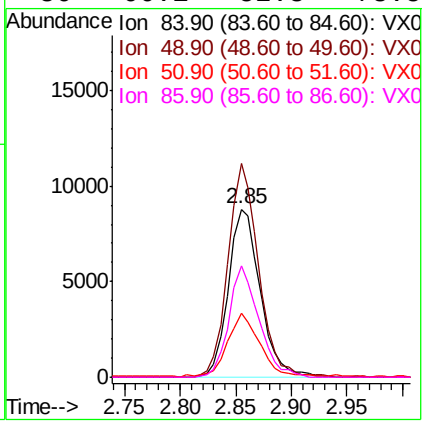


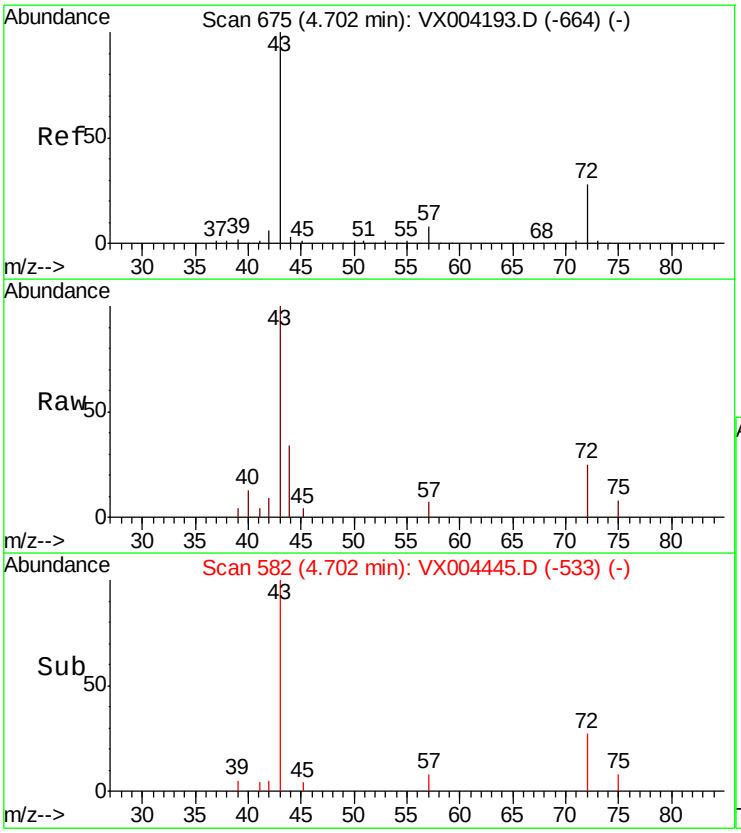
#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Tgt Ion: 84 Resp: 17431

Ion	Ratio	Lower	Upper
84	100		
49	127.0	101.2	151.8
51	36.8	29.5	44.3
86	66.1	52.3	78.5

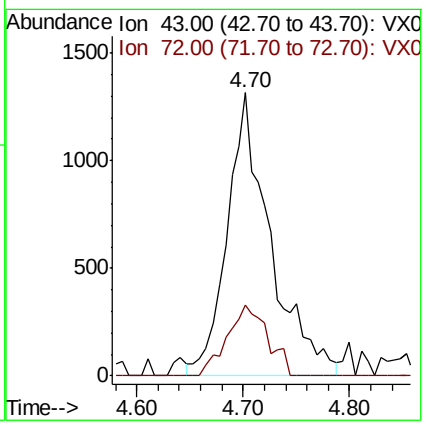


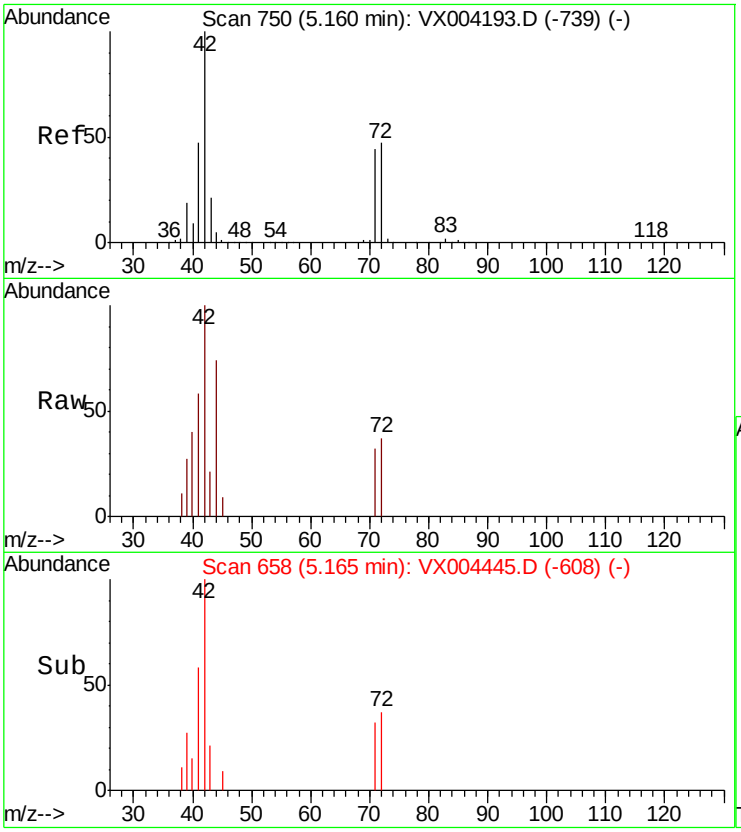


#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 3727

Ion	Ratio	Lower	Upper
43	100		
72	26.1	22.0	33.0



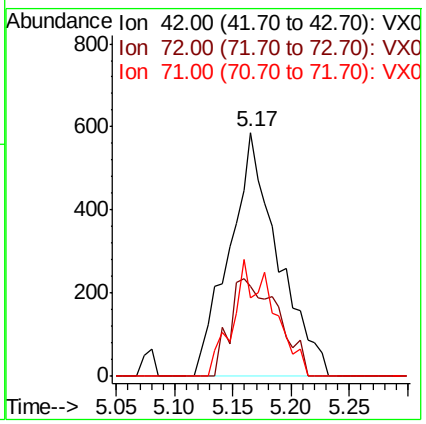


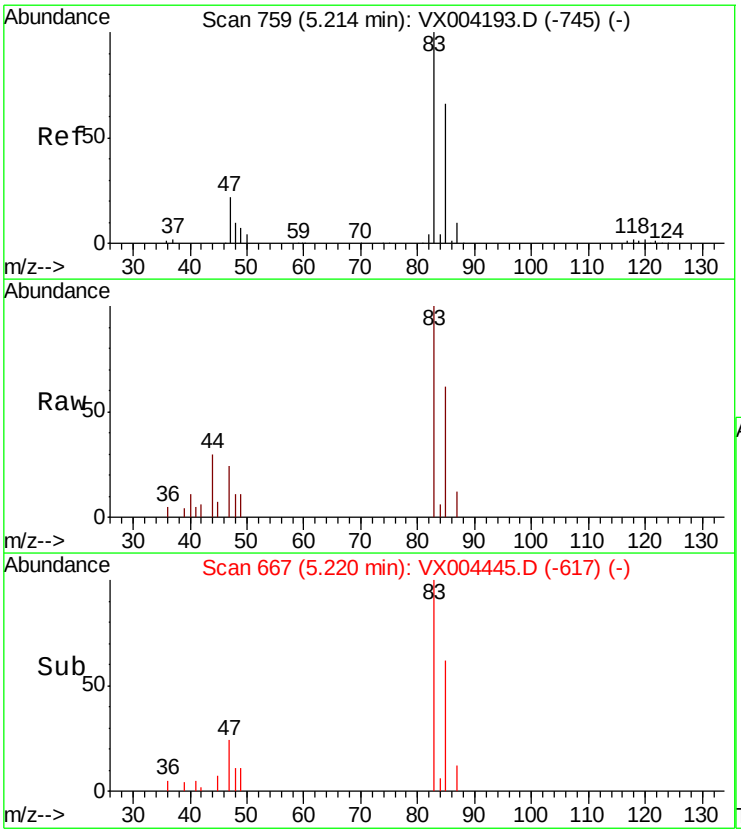
#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 42 Resp: 1696

Ion	Ratio	Lower	Upper
42	100		
72	40.0	37.4	56.0
71	39.6	34.5	51.7

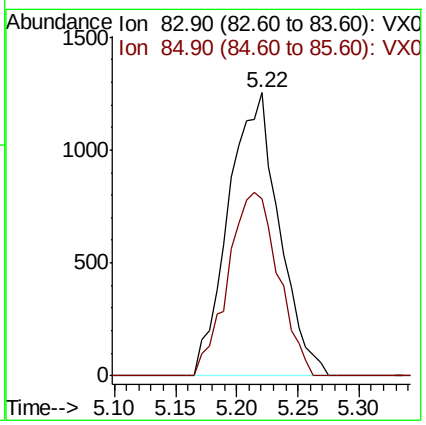


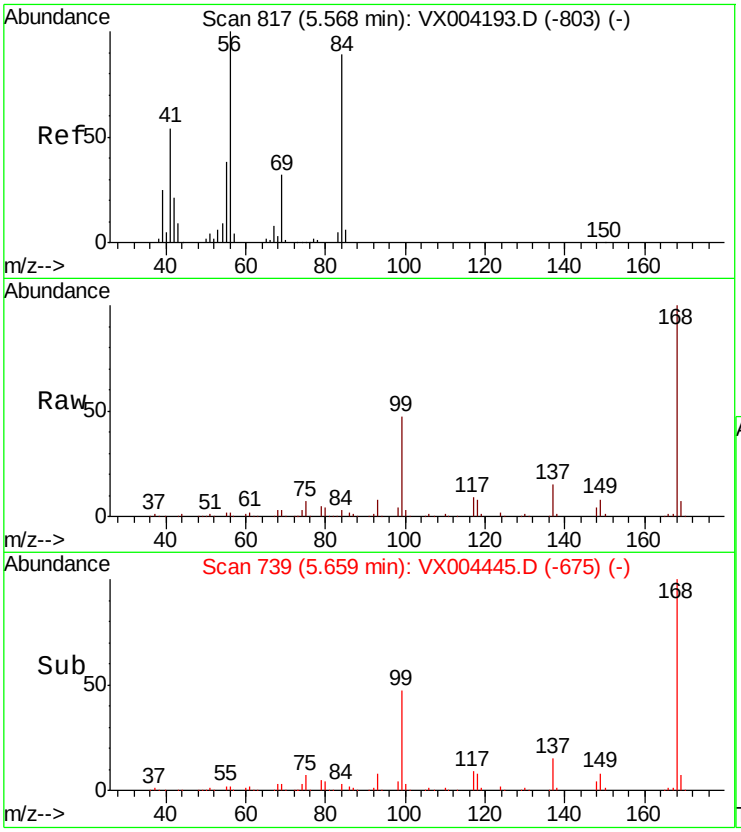


#30
Chloroform
Concen: 0.55 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 83 Resp: 3598

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	79.0



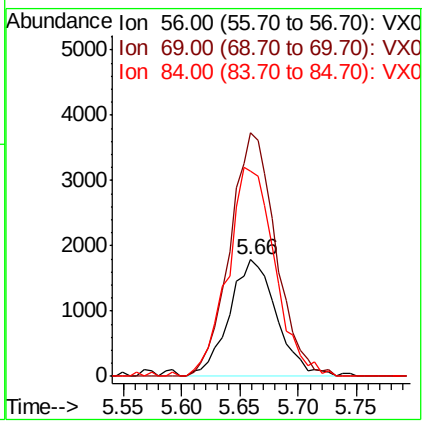


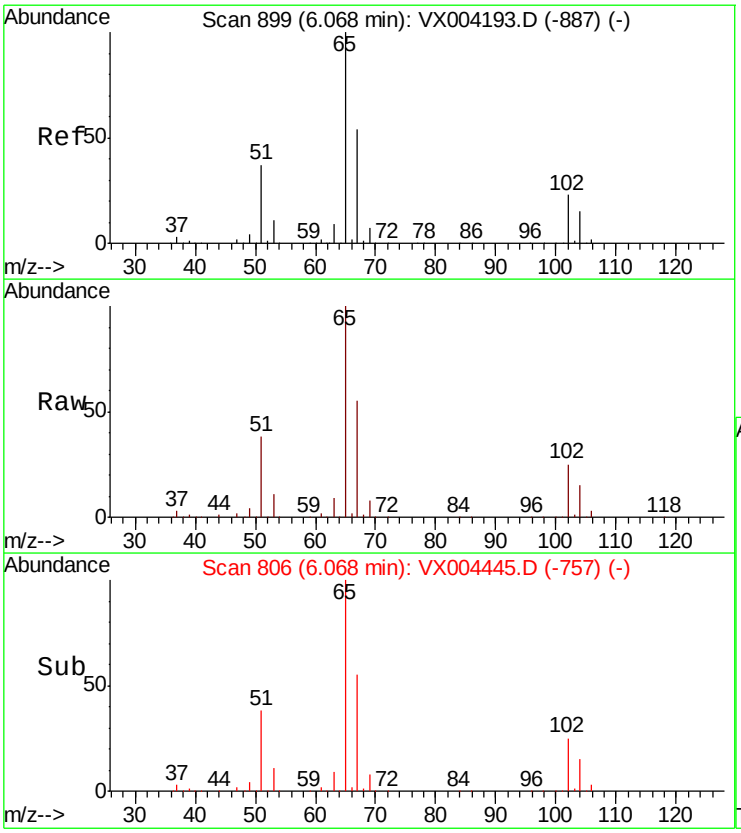
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 56 Resp: 5050

Ion	Ratio	Lower	Upper
56	100		
69	209.1	25.4	38.2#
84	176.4	71.4	107.2#

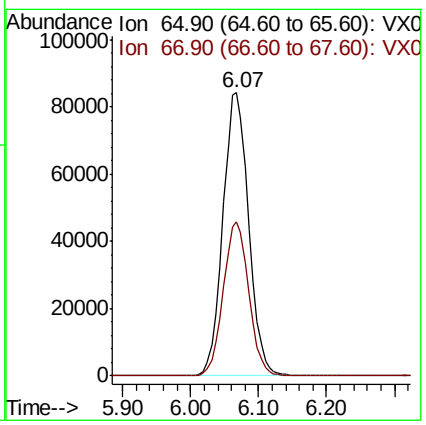


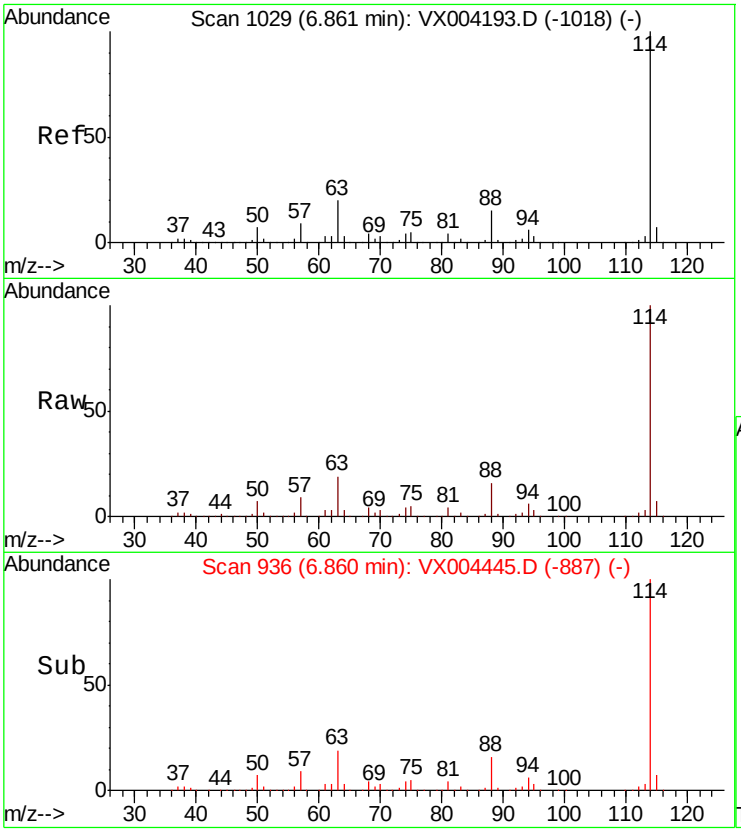


#33
1,2-Dichloroethane-d4
Concen: 54.40 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 65 Resp: 220414

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8



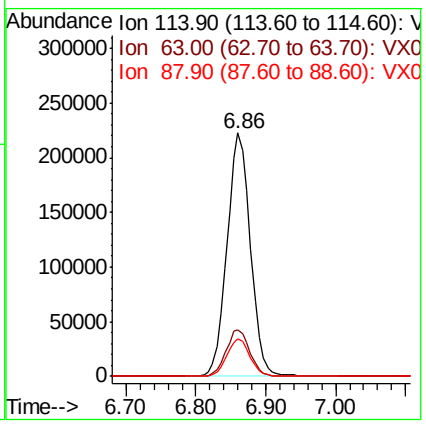


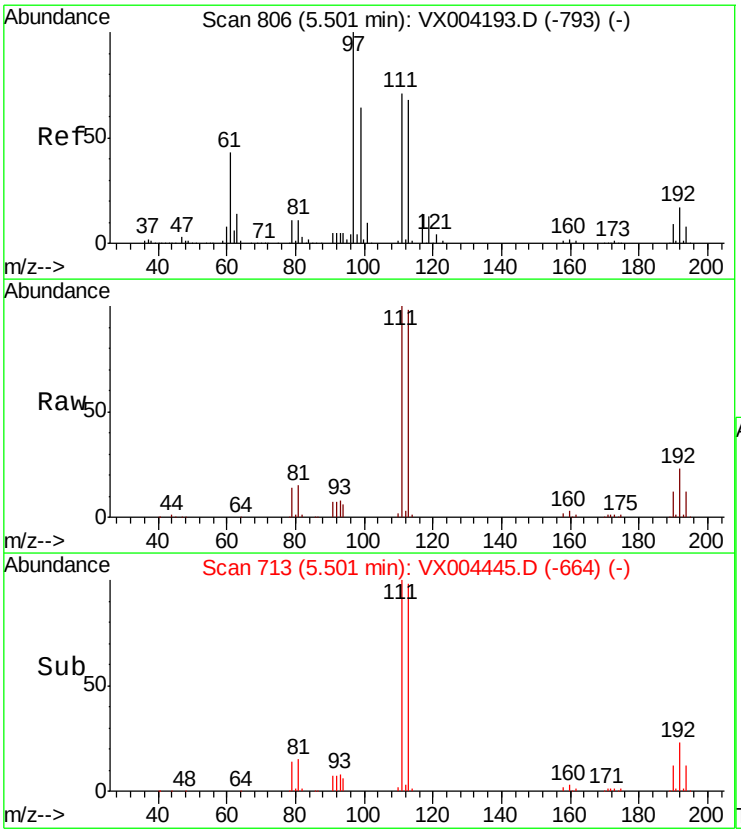
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion:114 Resp: 515101

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.5	0.0	30.4

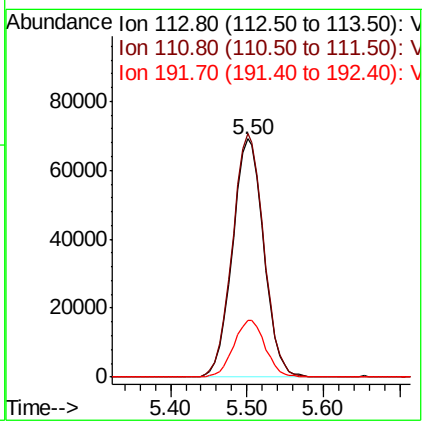


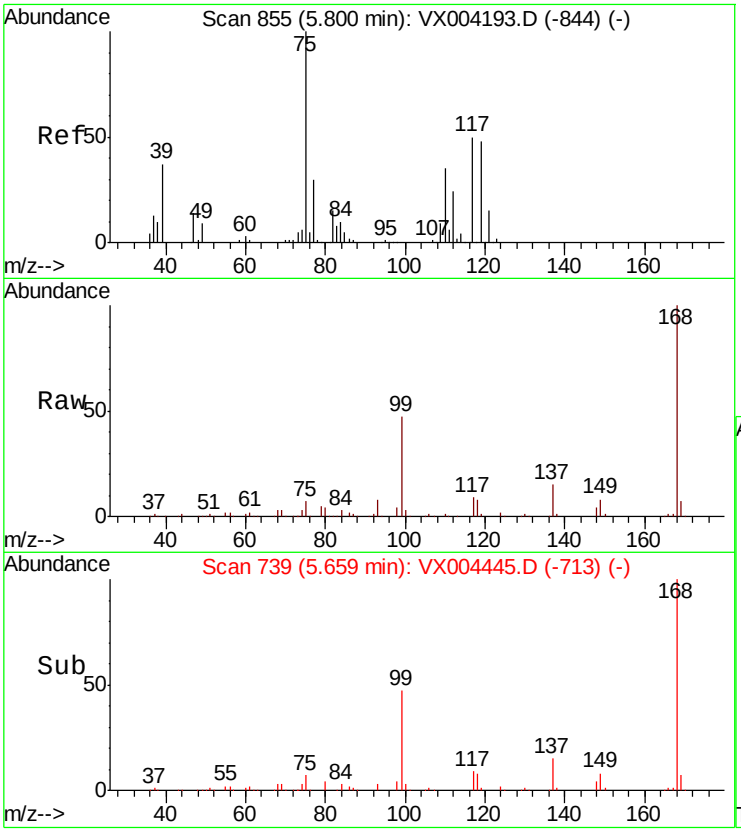


#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:113 Resp: 195360

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	23.9	19.4	29.2



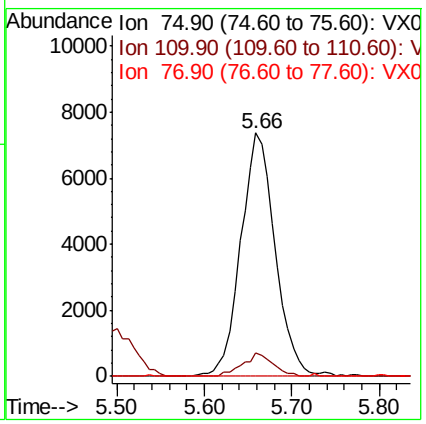


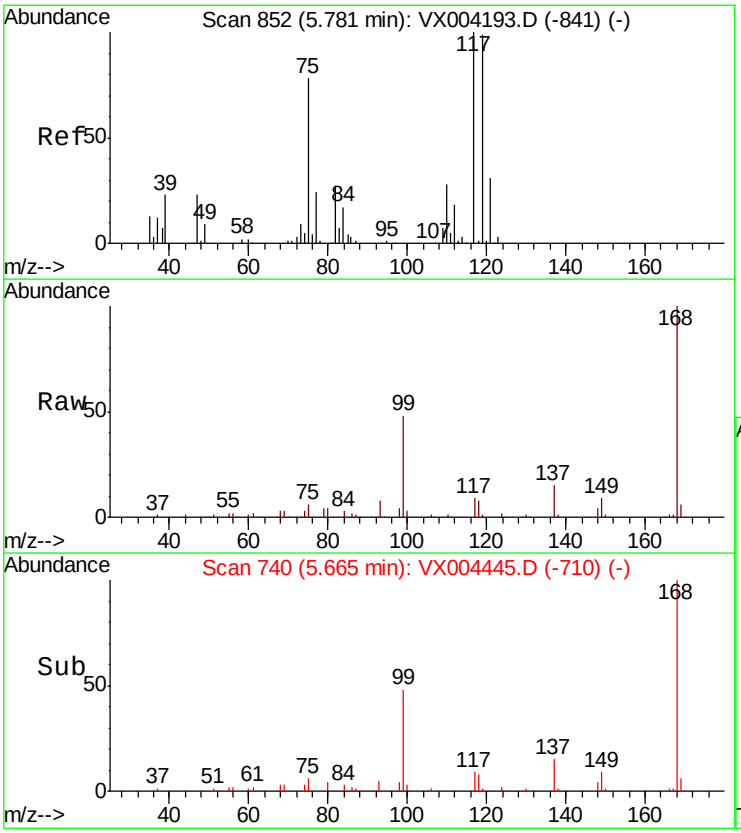
#36
1,1-Dichloropropene
Concen: 3.46 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 75 Resp: 20044

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.0	54.0#
77	0.0	24.6	36.8#

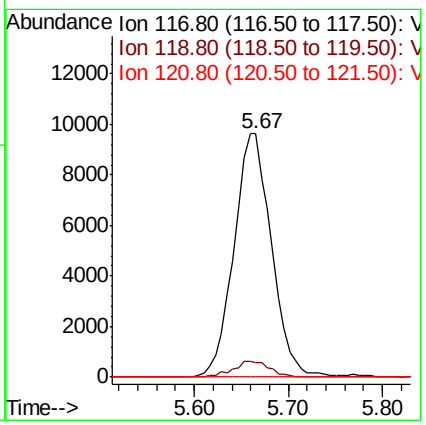


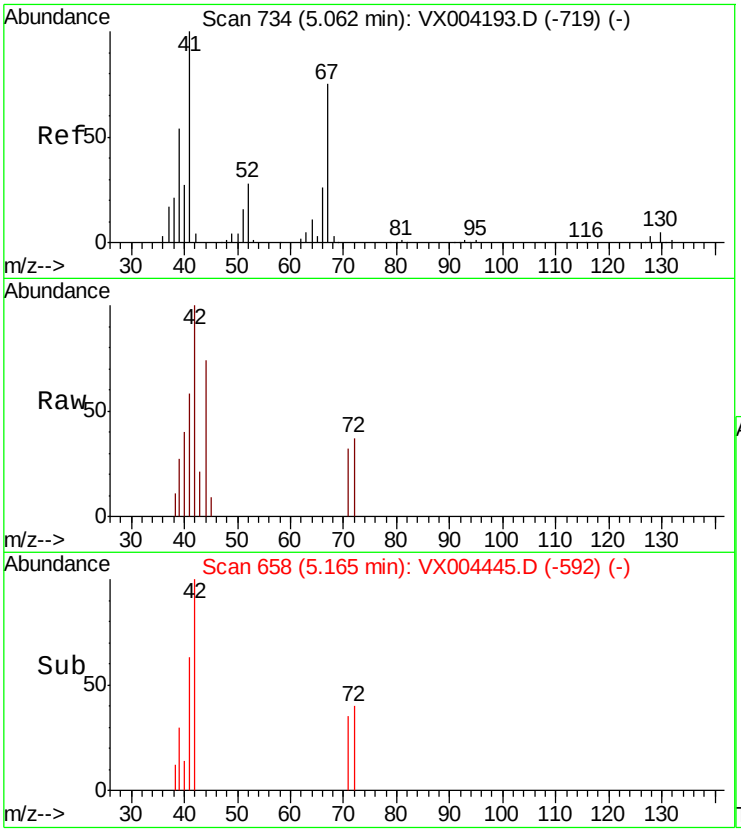


#38
Carbon Tetrachloride
Concen: 4.89 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:117 Resp: 26645

Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.8	118.2#
121	0.0	24.9	37.3#



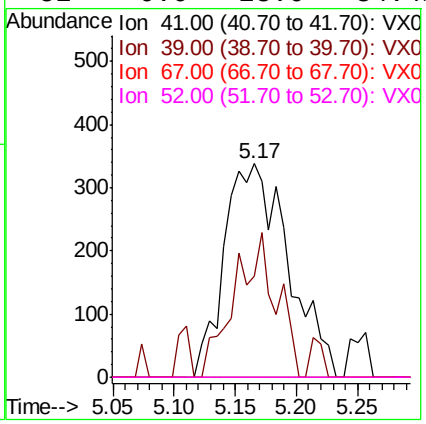


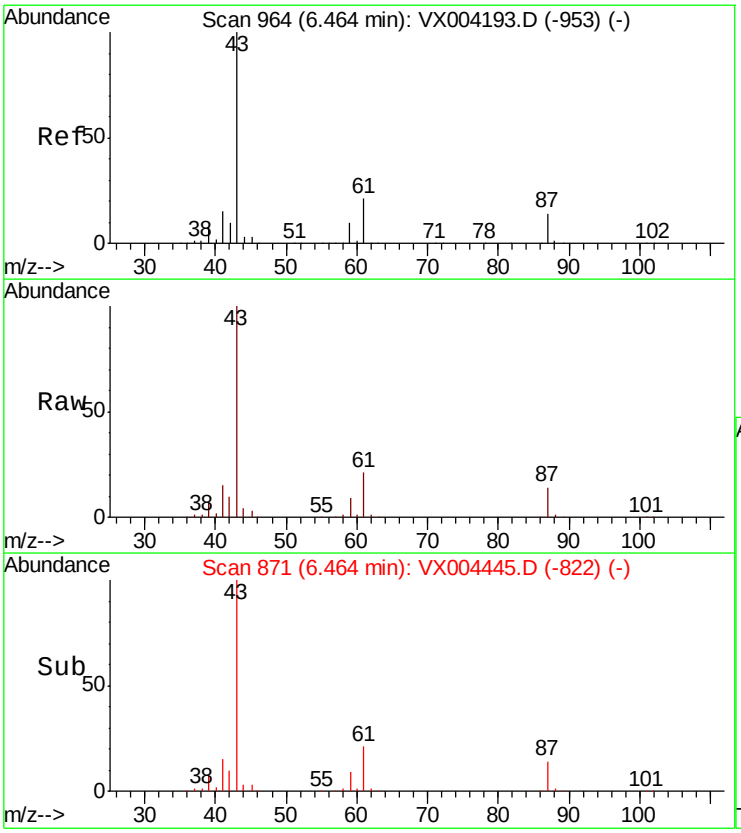
#41
Methacrylonitrile
Concen: 0.37 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 41 Resp: 1225

Ion	Ratio	Lower	Upper
41	100		
39	44.4	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

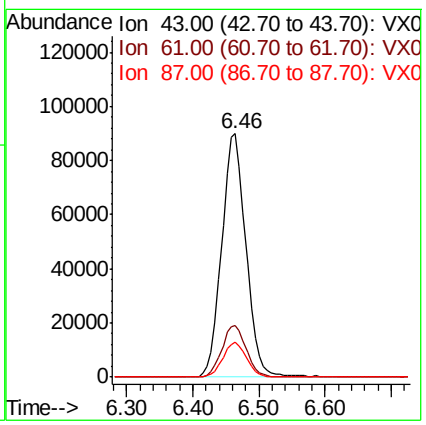


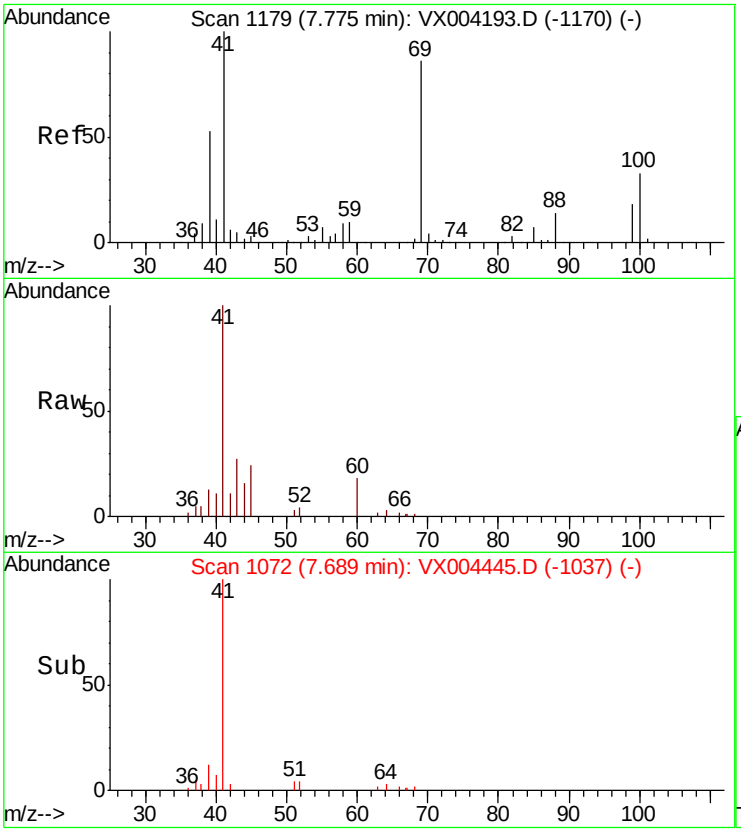


#43
Isopropyl Acetate
Concen: 26.10 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 228435

Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.0	11.4	17.2



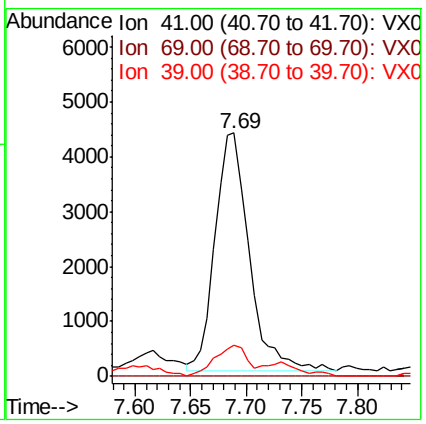


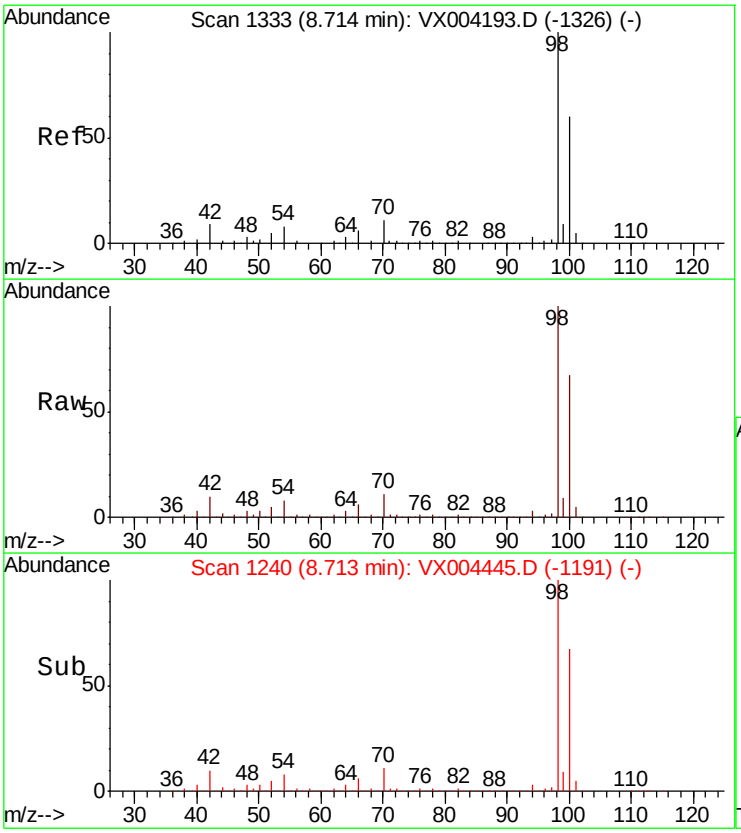
#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 41 Resp: 9230

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	12.9	42.7	64.1#

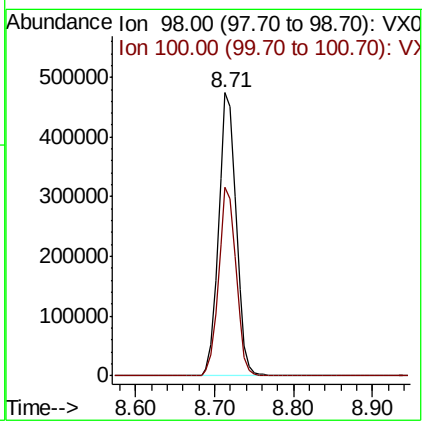


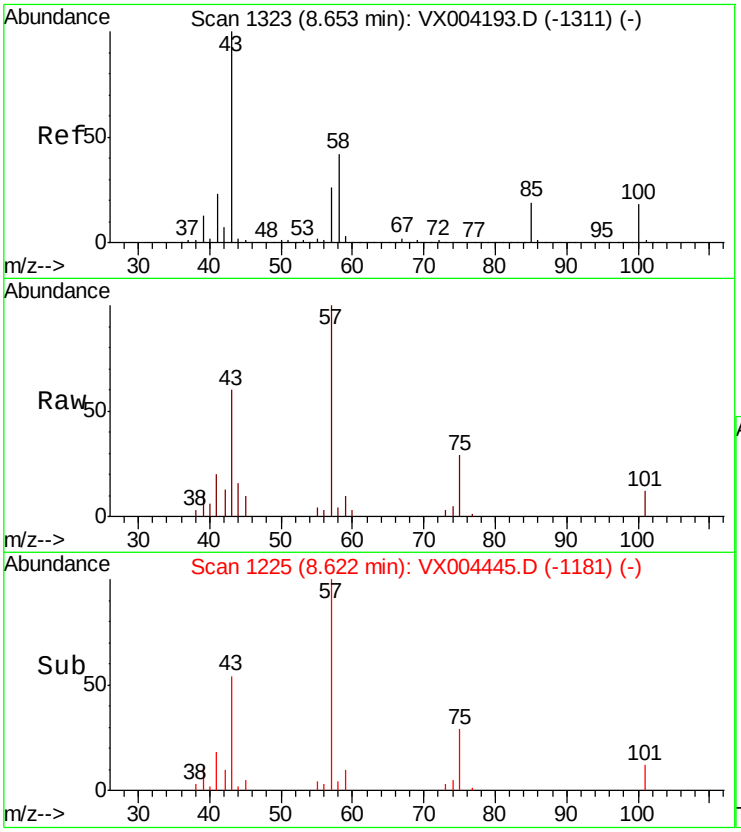


#50
Toluene-d8
Concen: 50.93 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 98 Resp: 736609

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3



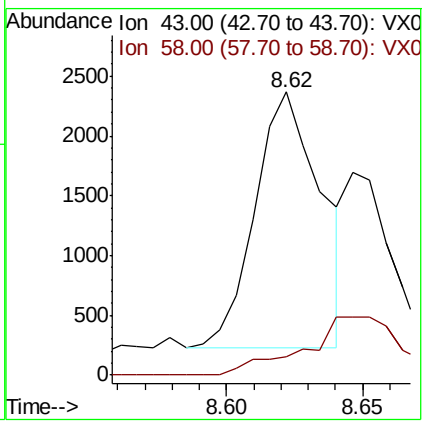


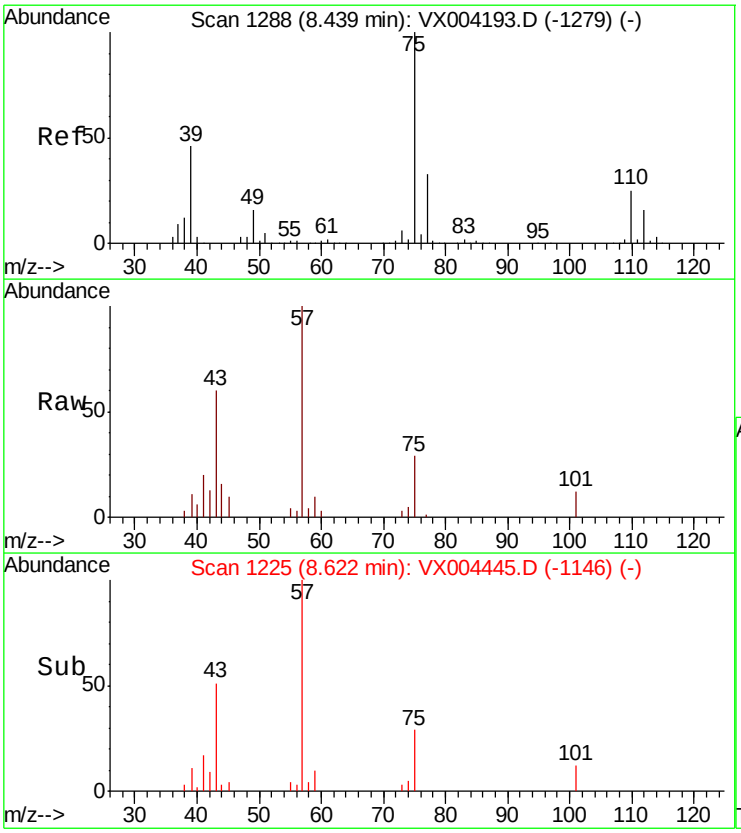
#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Tgt Ion: 43 Resp: 3610

Ion	Ratio	Lower	Upper
43	100		
58	32.4	33.1	49.7#

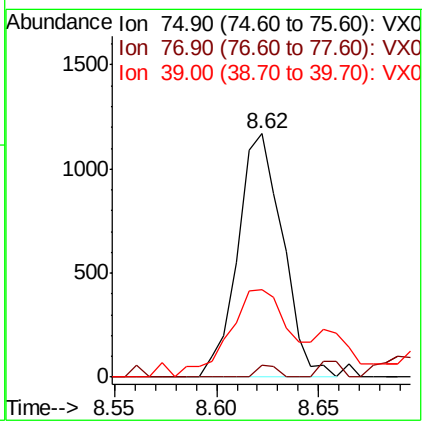


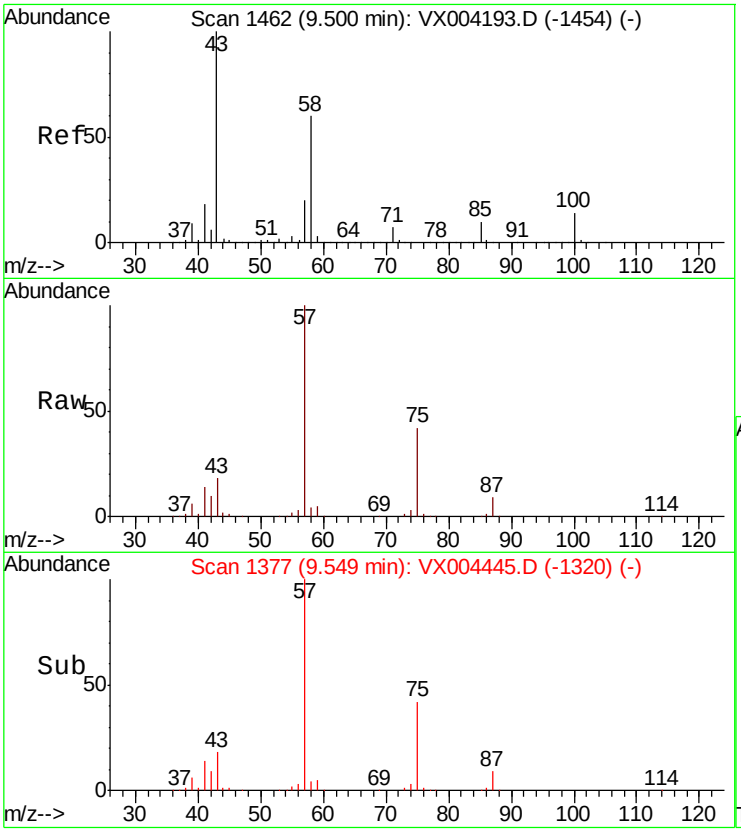


#54
cis-1,3-Dichloropropene
Concen: 0.28 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 75 Resp: 1790

Ion	Ratio	Lower	Upper
75	100		
77	5.0	26.2	39.2#
39	31.6	36.4	54.6#



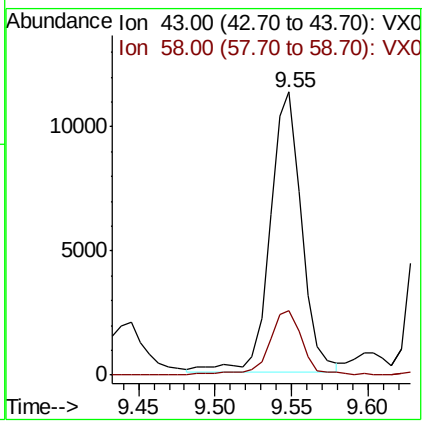


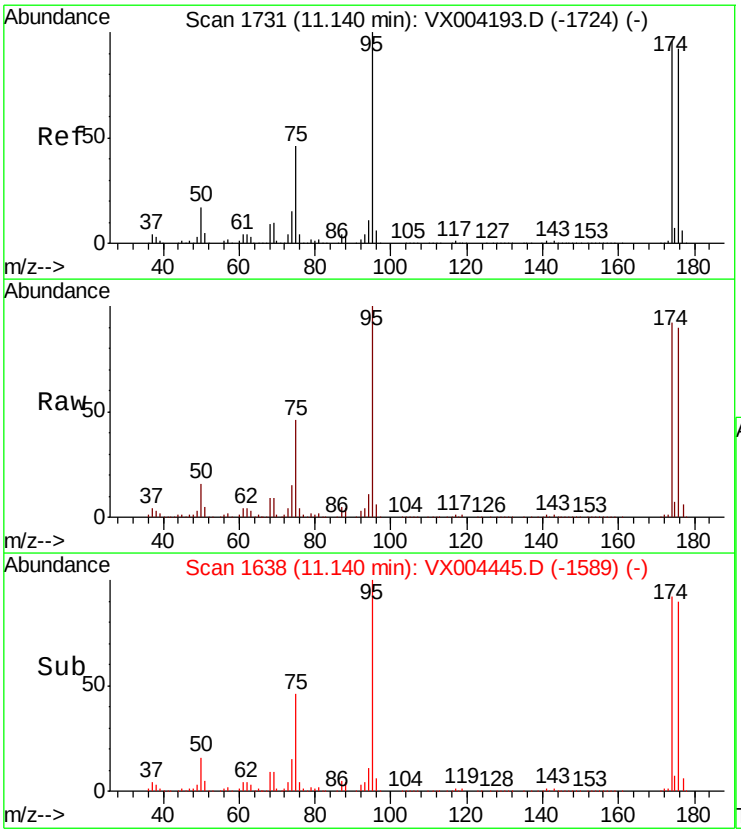
#59
2-Hexanone
Concen: 3.34 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Tgt Ion: 43 Resp: 16192

Ion	Ratio	Lower	Upper
43	100		
58	24.8	29.0	87.0#

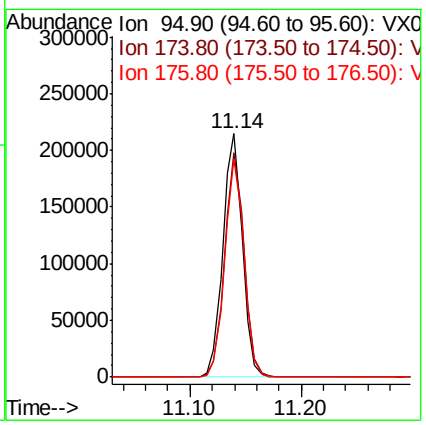


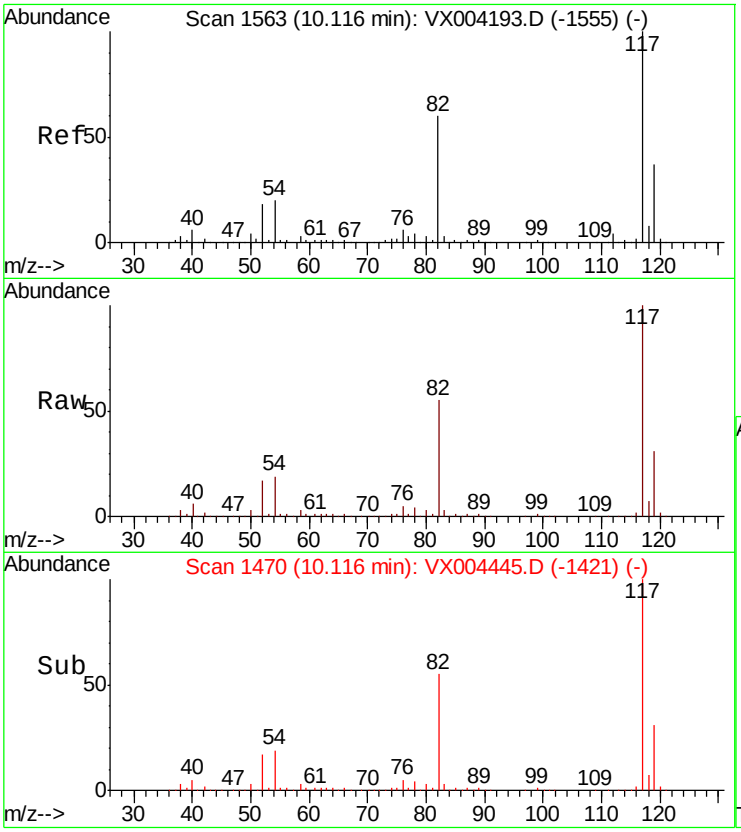


#62
4-Bromofluorobenzene
Concen: 48.02 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 95 Resp: 259171

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.2
176	89.1	0.0	178.6



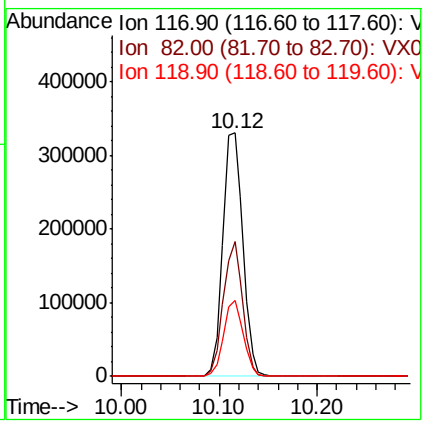


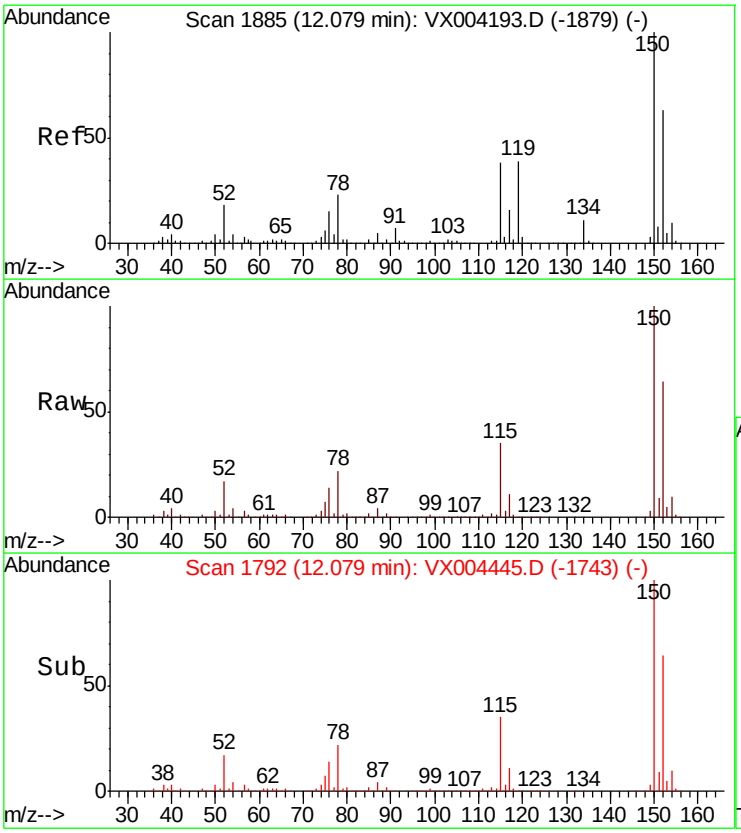
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#02

Tgt Ion:117 Resp: 471386

Ion	Ratio	Lower	Upper
117	100		
82	55.4	47.8	71.6
119	31.2	29.3	43.9

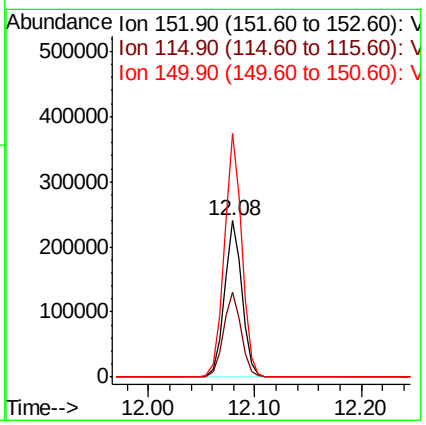


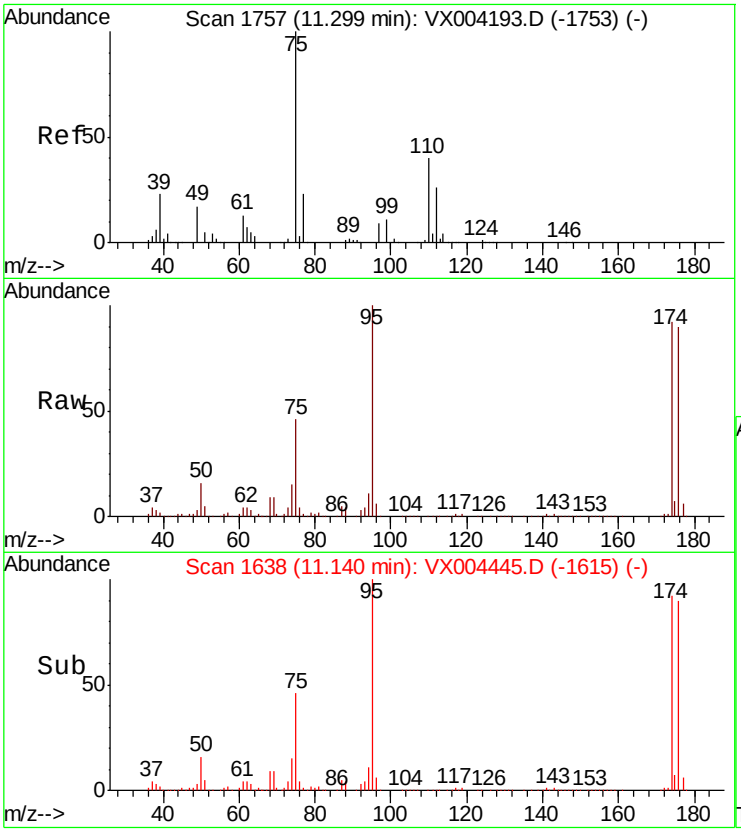


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:152 Resp: 274899

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	117.0
150	156.3	0.0	351.0



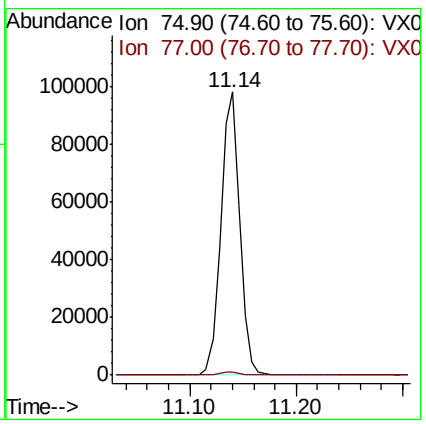


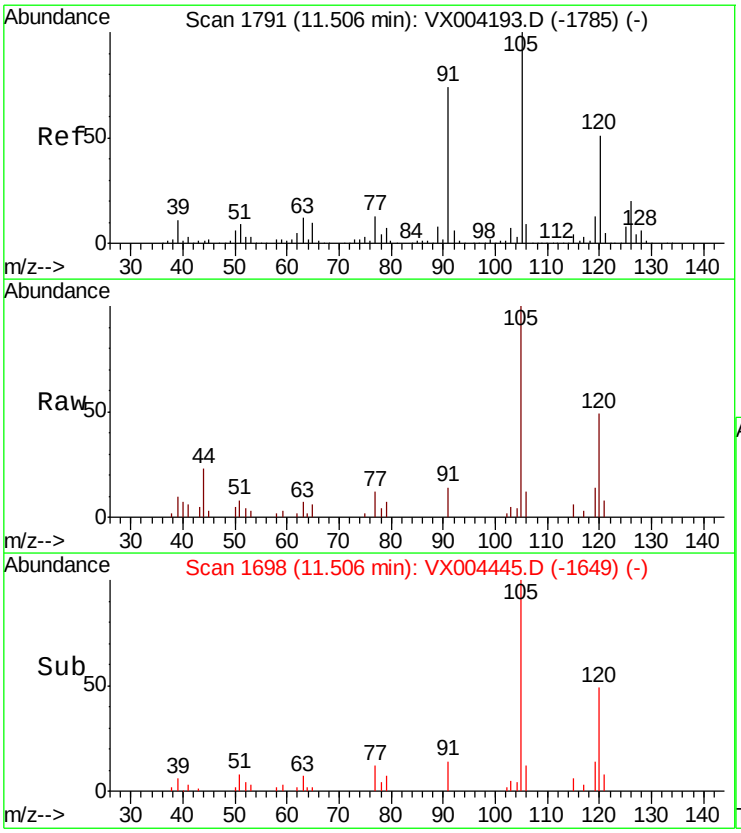
#76
1,2,3-Trichloropropane
Concen: 21.67 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 75 Resp: 121183

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

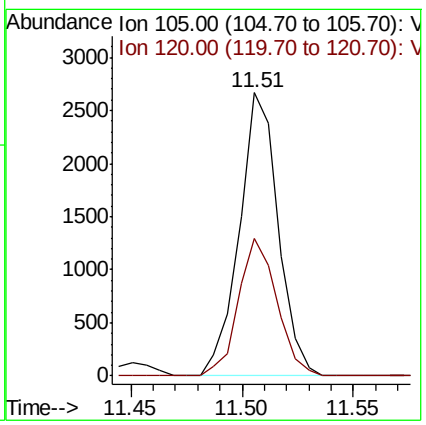


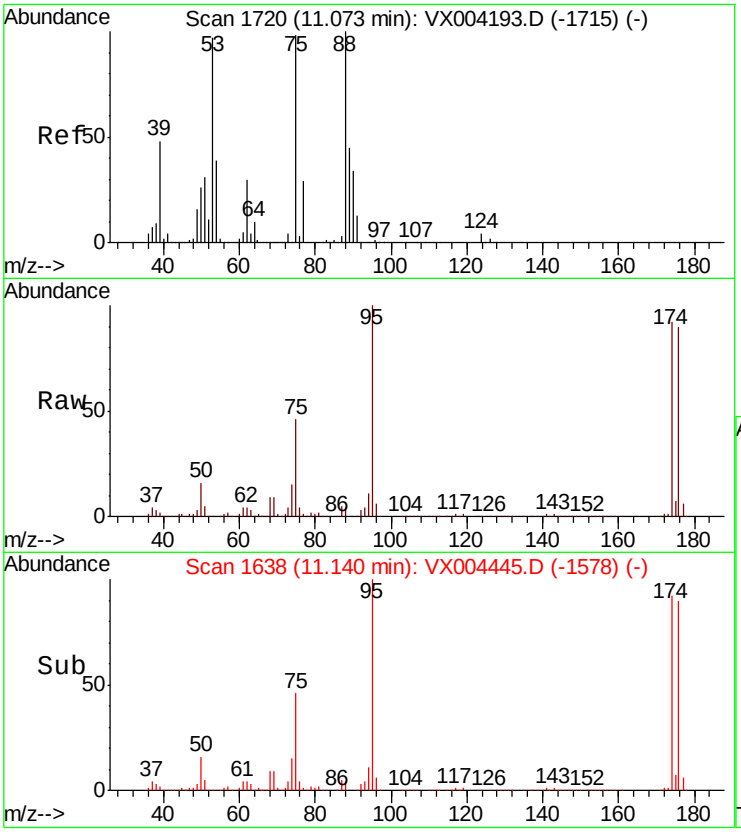


#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:105 Resp: 3250

Ion	Ratio	Lower	Upper
105	100		
120	48.2	25.6	76.8



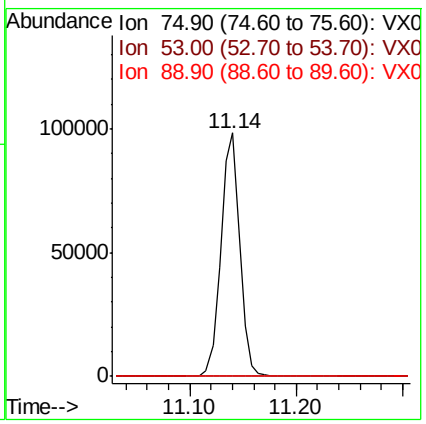


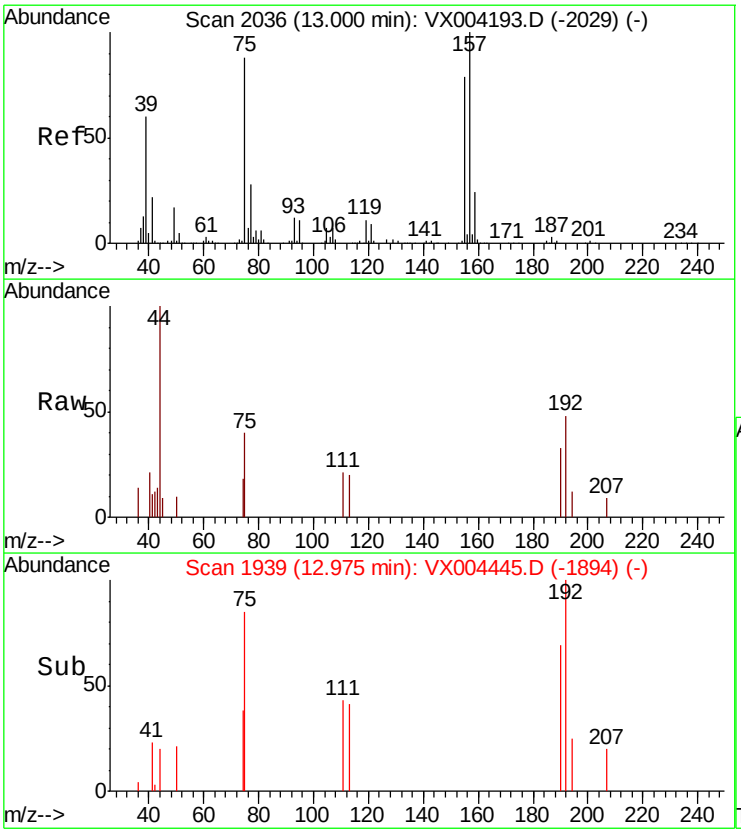
#81
trans-1,4-Dichloro-2-butene
Concen: 70.33 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tgt Ion: 75 Resp: 121183

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.20 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 75 Resp: 226

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.2#
157	0.0	61.4	184.1#