Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004452.D
Acq On : 10 Sep 2018 16:48
Operator : JC/MD
Sample : PB112704ZHE#09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Quant Time: Sep 11 01:21:28 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	5.66	168	286327	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	471370	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	440735	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250895	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	203866	54.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.26%				
35) Dibromofluoromethane	5.50	113	183111	52.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.44%				
50) Toluene-d8	8.71	98	680834	51.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.88%				
62) 4-Bromofluorobenzene	11.14	95	236427	47.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.74%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	636	0.46	ug/l		91
5) Bromomethane	1.65	94	550	Below Cal			88
6) Chloroethane	1.70	64	66	0.99	ug/l	#	44
10) Methyl Iodide	2.52	142	224	4.32	ug/l	#	41
11) Tert butyl alcohol	3.07	59	503	0.63	ug/l	#	84
13) Acrolein	2.28	56	266	1.39	ug/l	#	55
16) Acetone	2.45	43	27576	10.36	ug/l		100
17) Carbon Disulfide	2.56	76	551	0.86	ug/l	#	93
18) Methyl Acetate	2.78	43	12440	2.25	ug/l		100
20) Methylene Chloride	2.86	84	18485	5.15	ug/l		95
25) 2-Butanone	4.70	43	3845	Below Cal			99
29) Tetrahydrofuran	5.17	42	1553	0.97	ug/l		94
30) Chloroform	5.21	83	3454	0.57	ug/l		95
36) 1,1-Dichloropropene	5.66	75	18622	3.51	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	24930	5.00	ug/l	#	15
41) Methacrylonitrile	5.16	41	633	0.21	ug/l	#	24
43) Isopropyl Acetate	6.46	43	221458	27.65	ug/l		99
48) Methyl methacrylate	7.69	41	9380	2.19	ug/l	#	20
49) 1,4-Dioxane	7.74	88	20	0.21	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1708	0.29	ug/l	#	54
54) cis-1,3-Dichloropropene	8.62	75	1629	0.28	ug/l	#	60
59) 2-Hexanone	9.55	43	14503	3.27	ug/l	#	58
76) 1,2,3-Trichloropropane	11.14	75	112287	22.01	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	3104	0.23	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.14	75	112287	71.40	ug/l	#	10
94) Hexachlorobutadiene	13.79	225	82	Below Cal		#	71

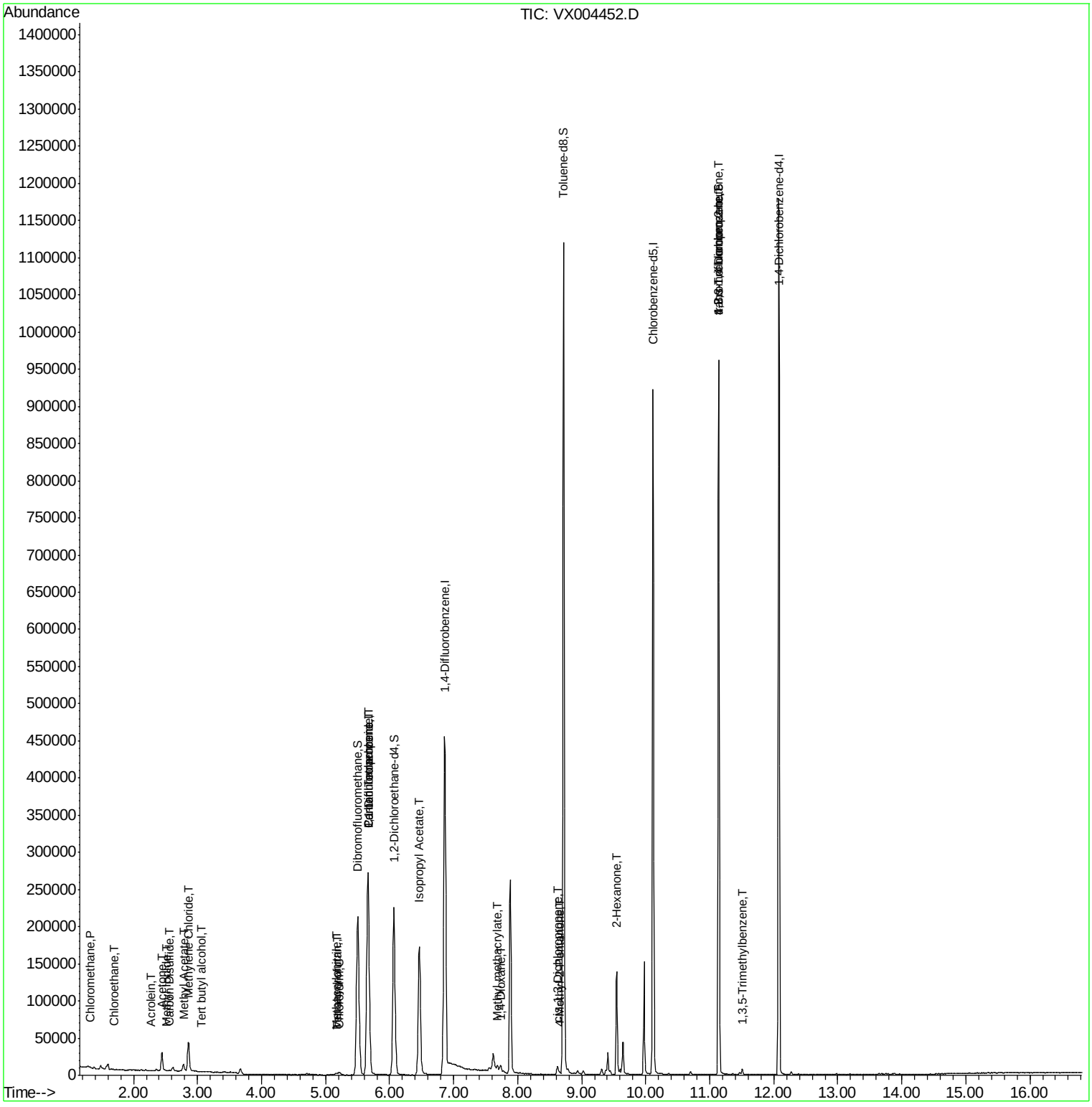
(#) = qualifier out of range (m) = manual integration (+) = signals summed

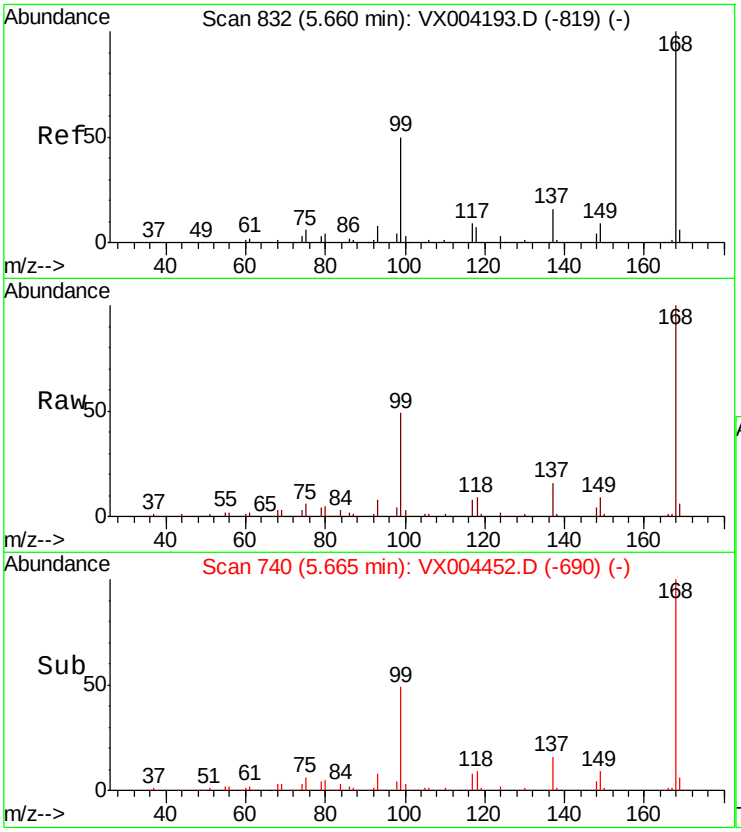
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
Data File : VX004452.D
Acq On : 10 Sep 2018 16:48
Operator : JC/MD
Sample : PB112704ZHE#09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Quant Time: Sep 11 01:21:28 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



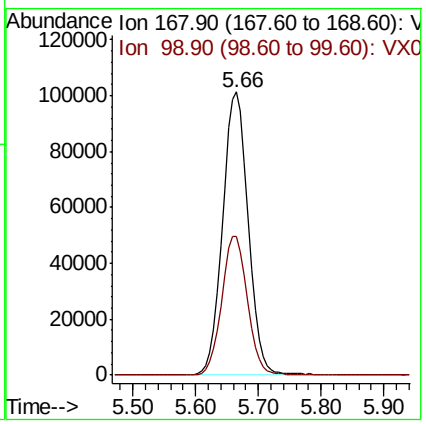


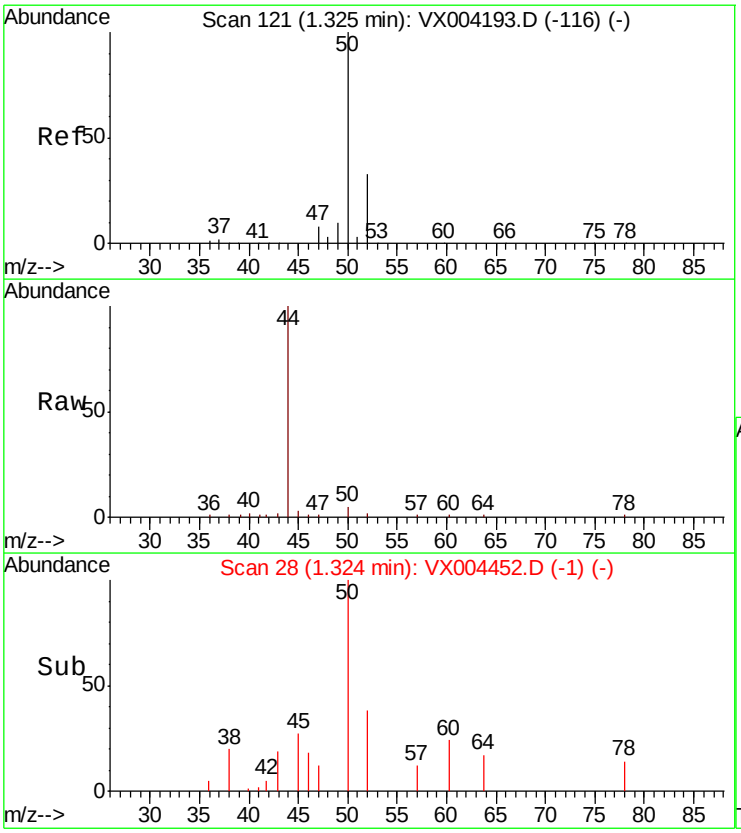
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion:168 Resp: 286327

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.9	59.9

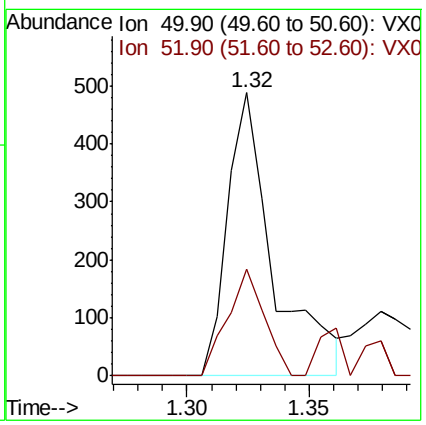


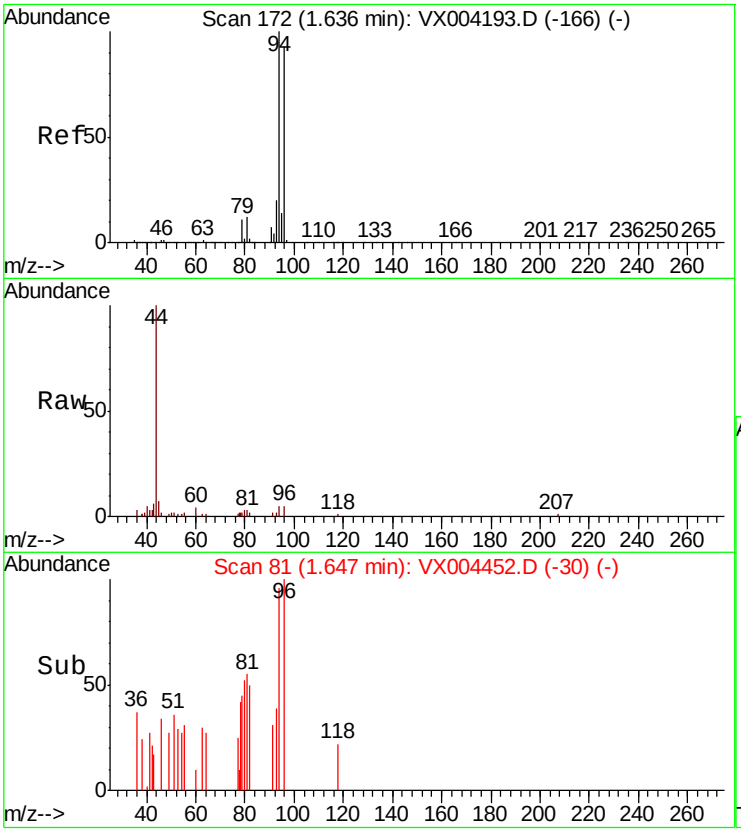


#3
Chloromethane
Concen: 0.46 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 50 Resp: 636

Ion	Ratio	Lower	Upper
50	100		
52	37.5	26.2	39.2



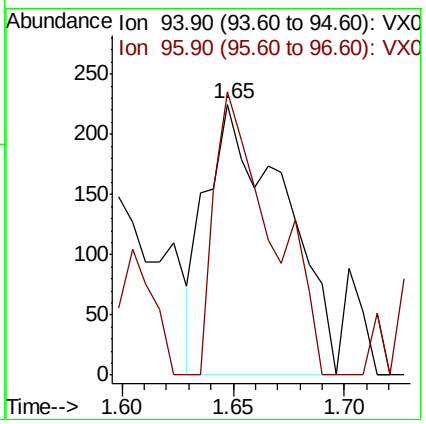


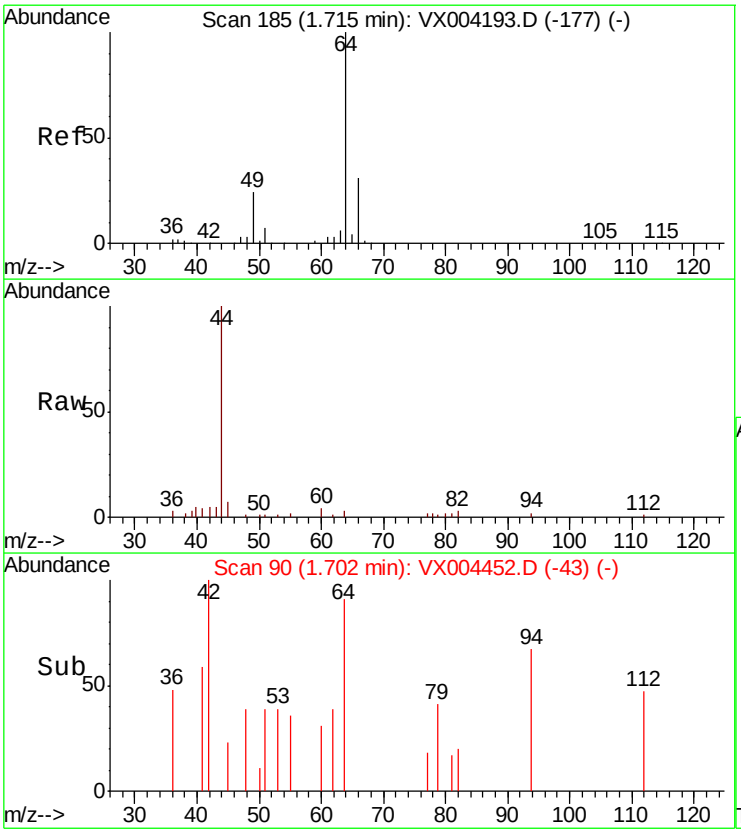
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 94 Resp: 550

Ion	Ratio	Lower	Upper
94	100		
96	104.4	74.5	111.7

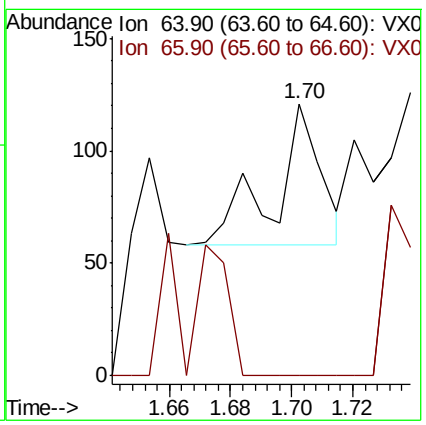


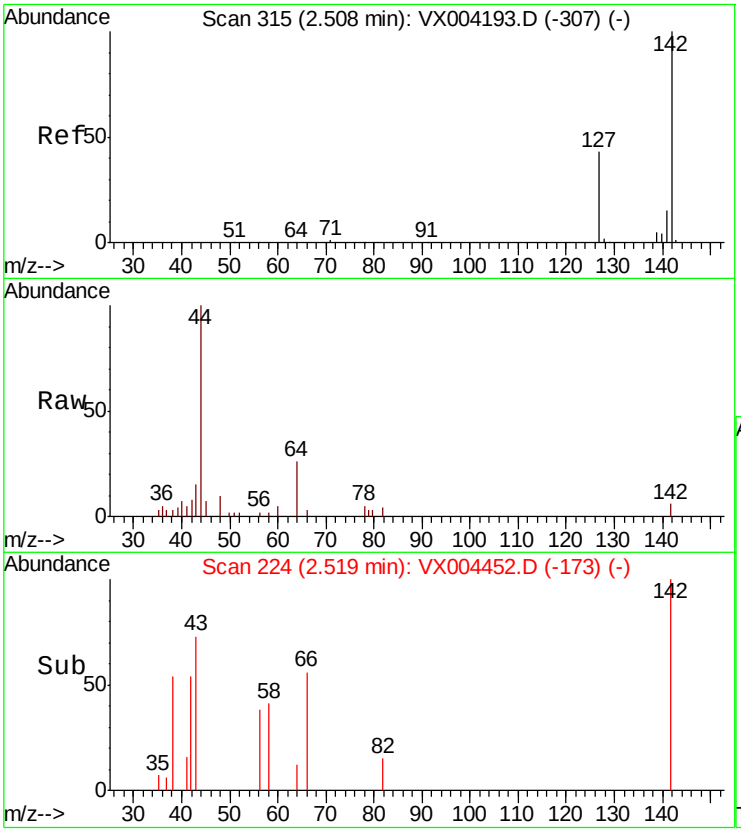


#6
Chloroethane
Concen: 0.99 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 64 Resp: 66

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



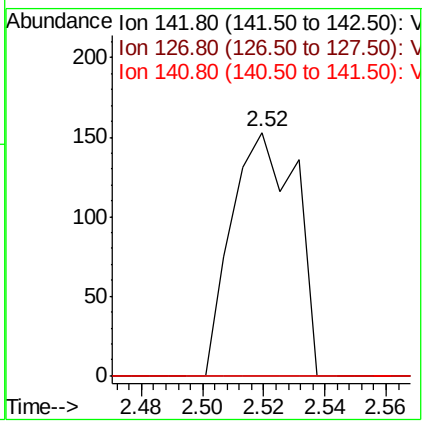


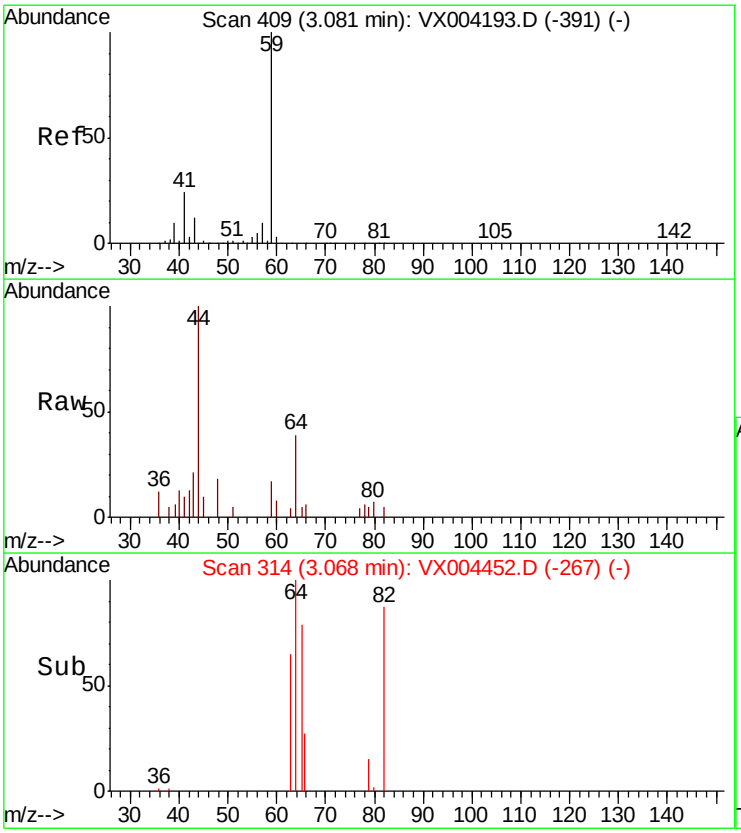
#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion:142 Resp: 224

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

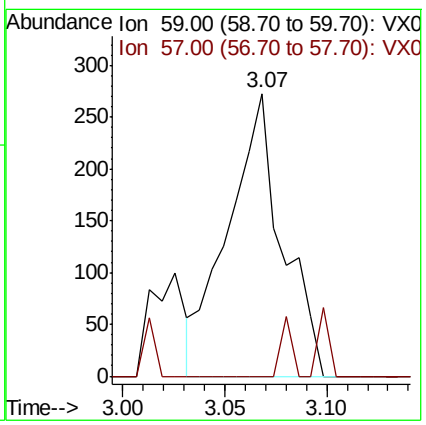


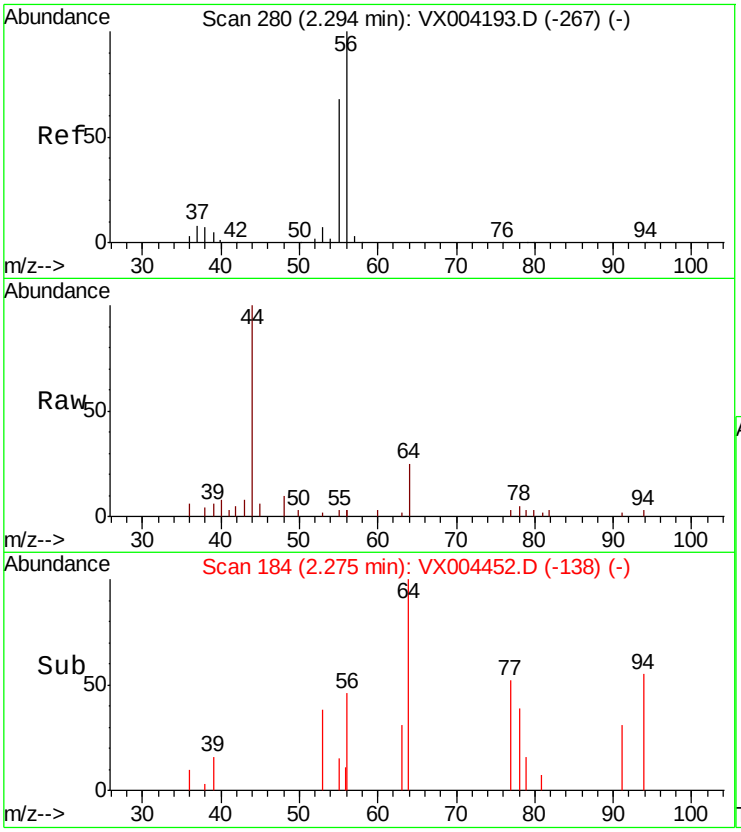


#11
Tert butyl alcohol
Concen: 0.63 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 59 Resp: 503

Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.2	12.4#



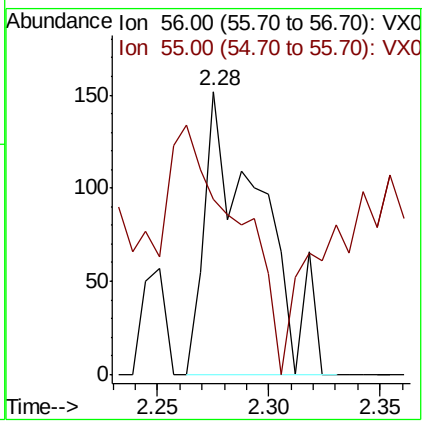


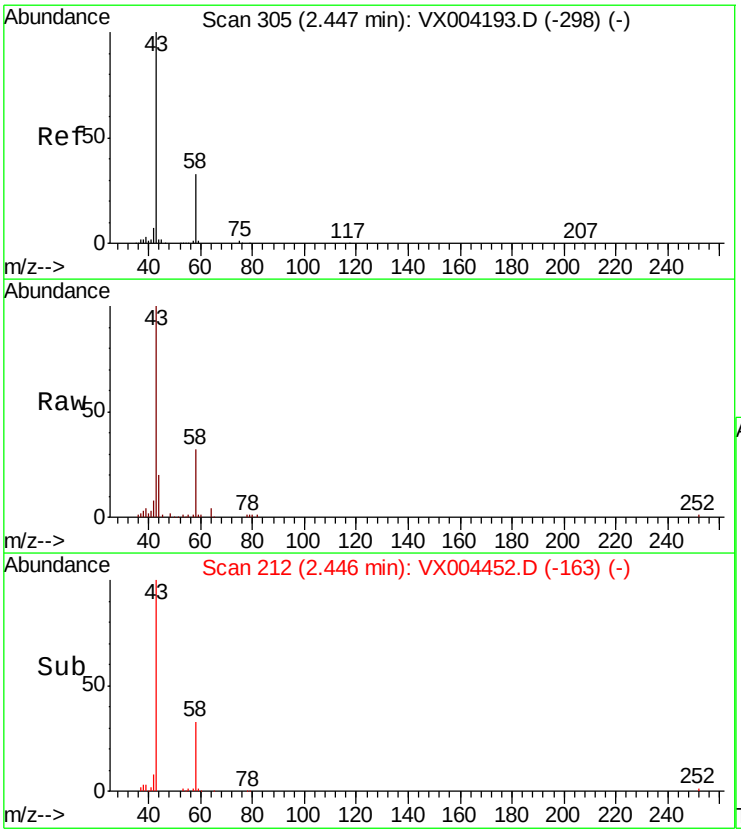
#13
Acrolein
Concen: 1.39 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 56 Resp: 266

Ion	Ratio	Lower	Upper
56	100		
55	105.3	54.7	82.1#

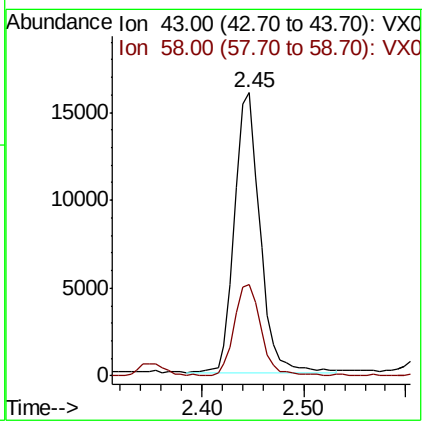


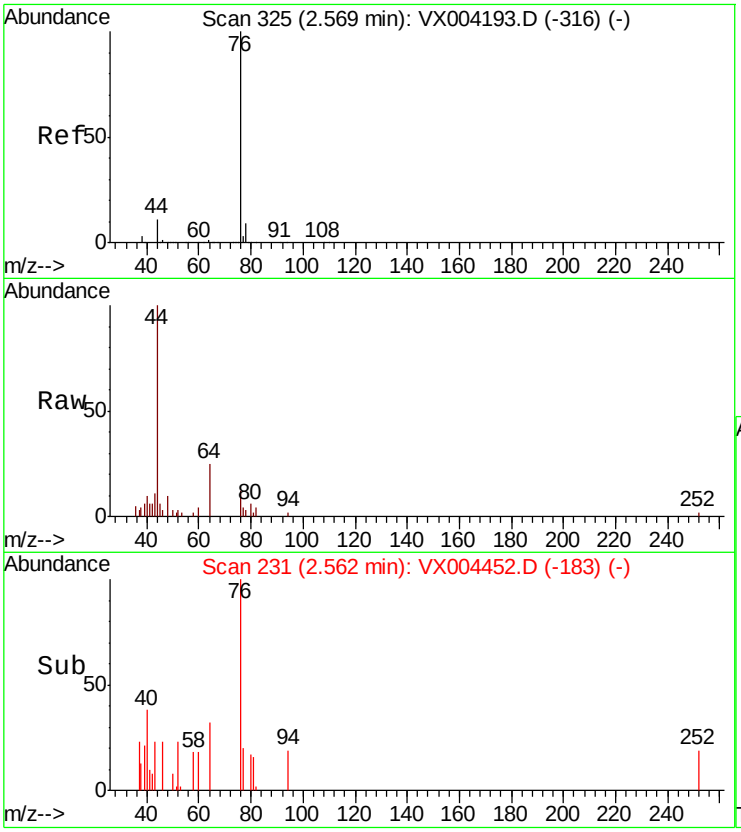


#16
Acetone
Concen: 10.36 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 43 Resp: 27576

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.2	39.4



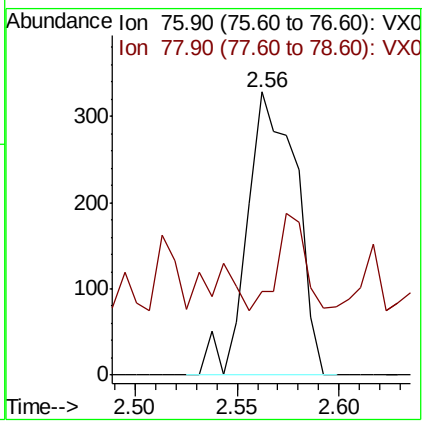


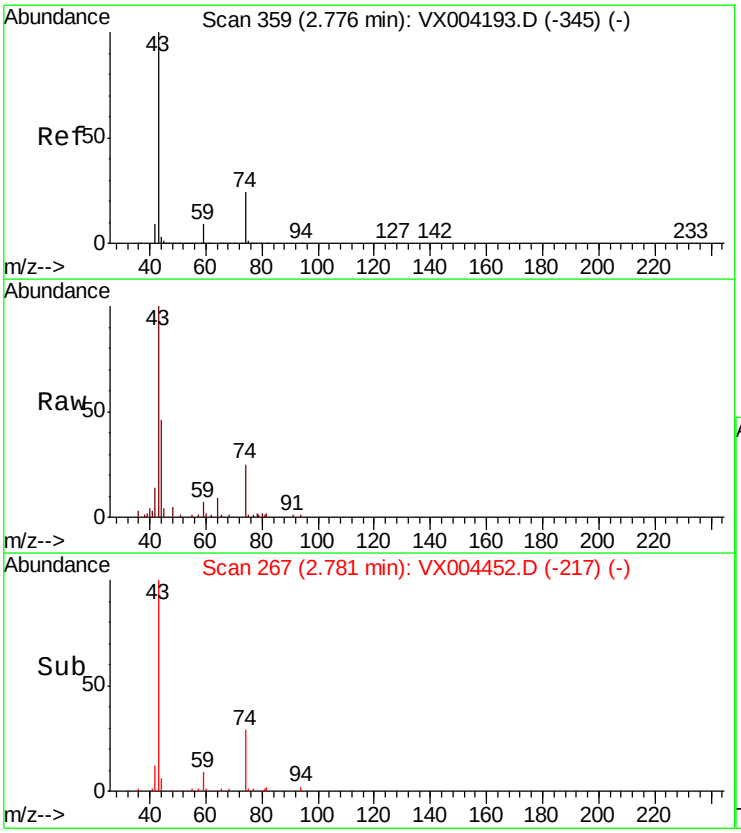
#17
Carbon Disulfide
Concen: 0.86 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 76 Resp: 551

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.0	10.6#

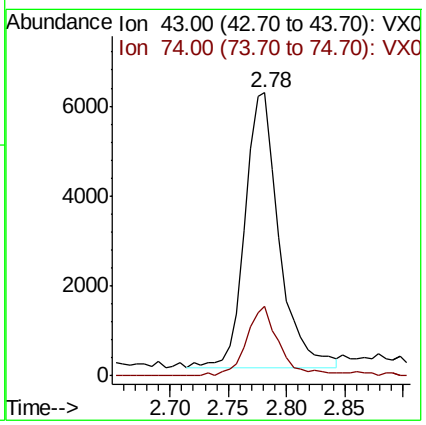


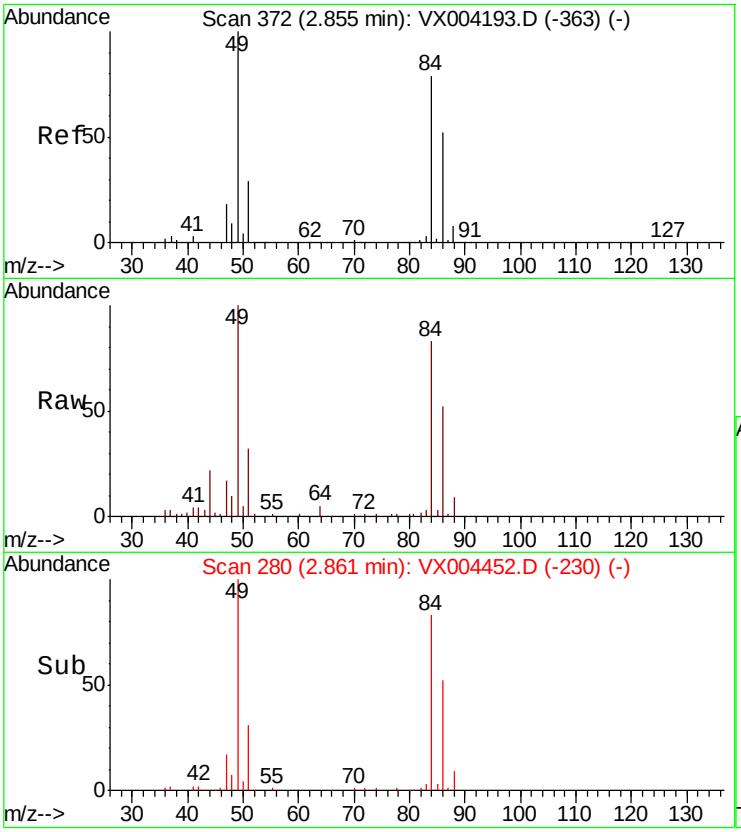


#18
Methyl Acetate
Concen: 2.25 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 43 Resp: 12440

Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2



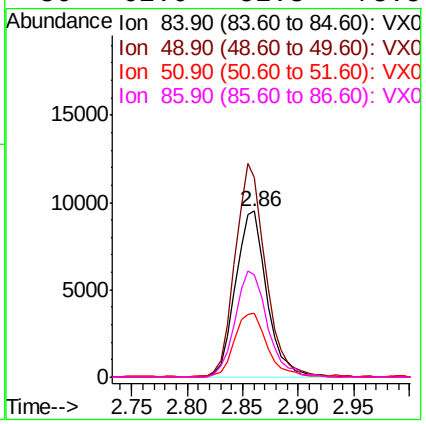


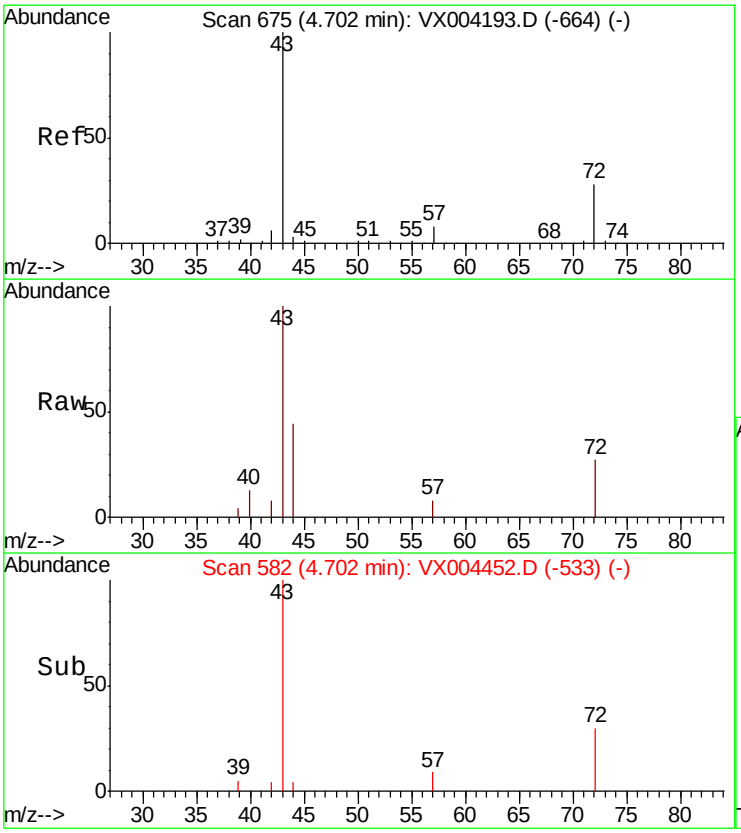
#20
Methylene Chloride
Concen: 5.15 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion: 84 Resp: 18485

Ion	Ratio	Lower	Upper
84	100		
49	120.1	101.2	151.8
51	38.9	29.5	44.3
86	62.0	52.3	78.5

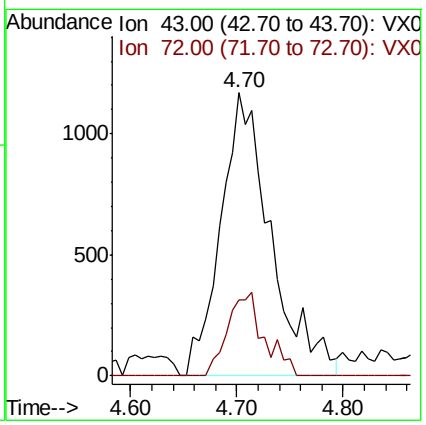


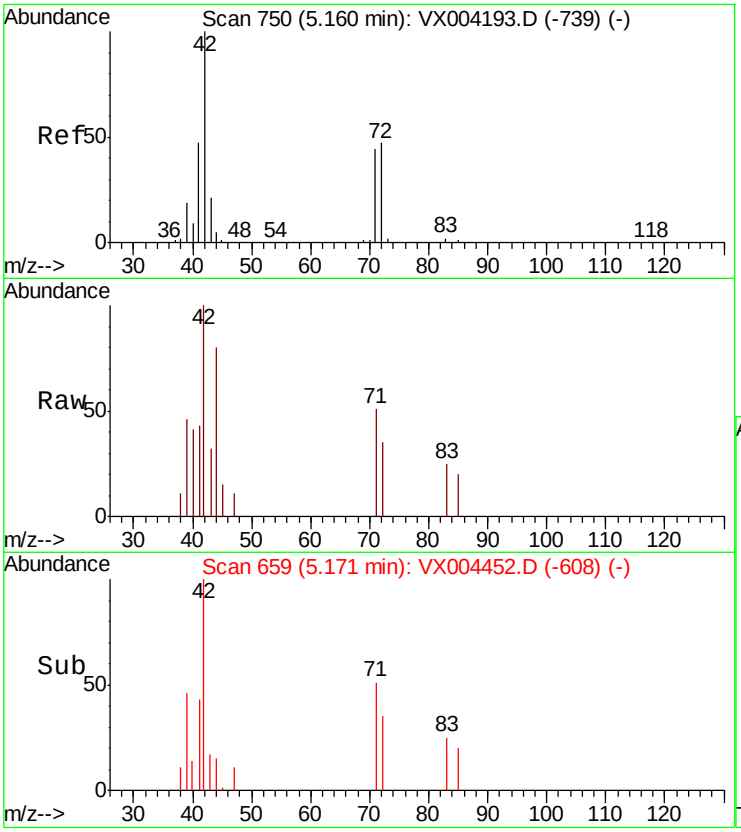


#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 43 Resp: 3845

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.0	33.0



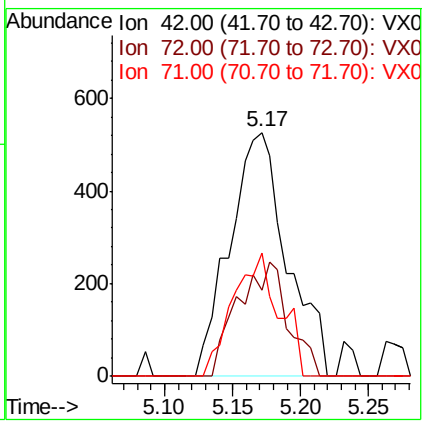


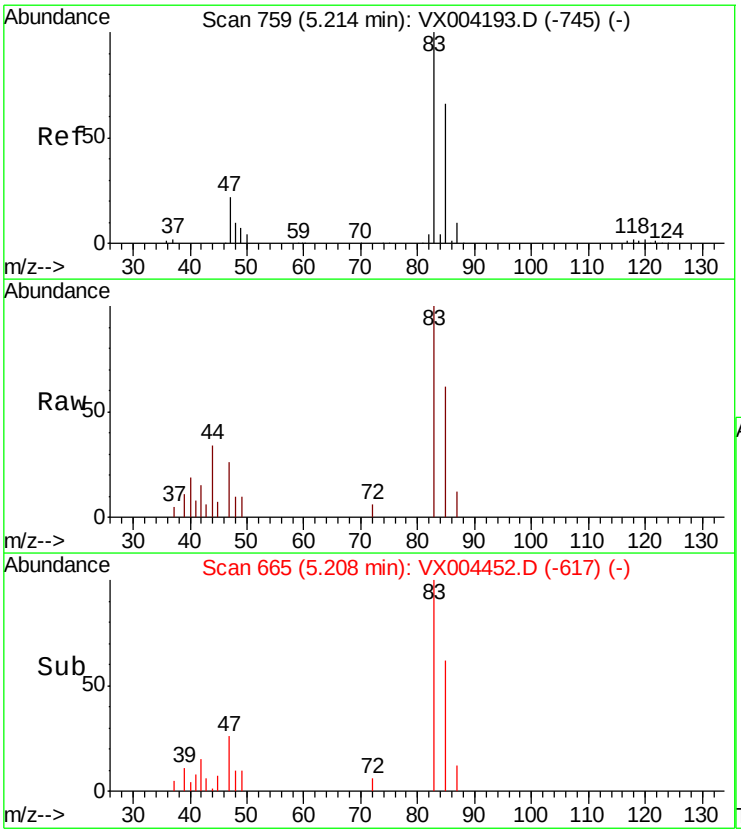
#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 42 Resp: 1553

Ion	Ratio	Lower	Upper
42	100		
72	41.0	37.4	56.0
71	40.7	34.5	51.7

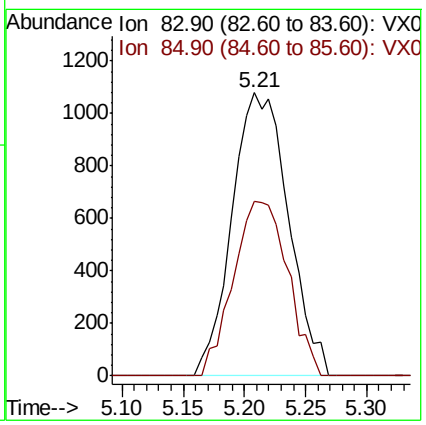


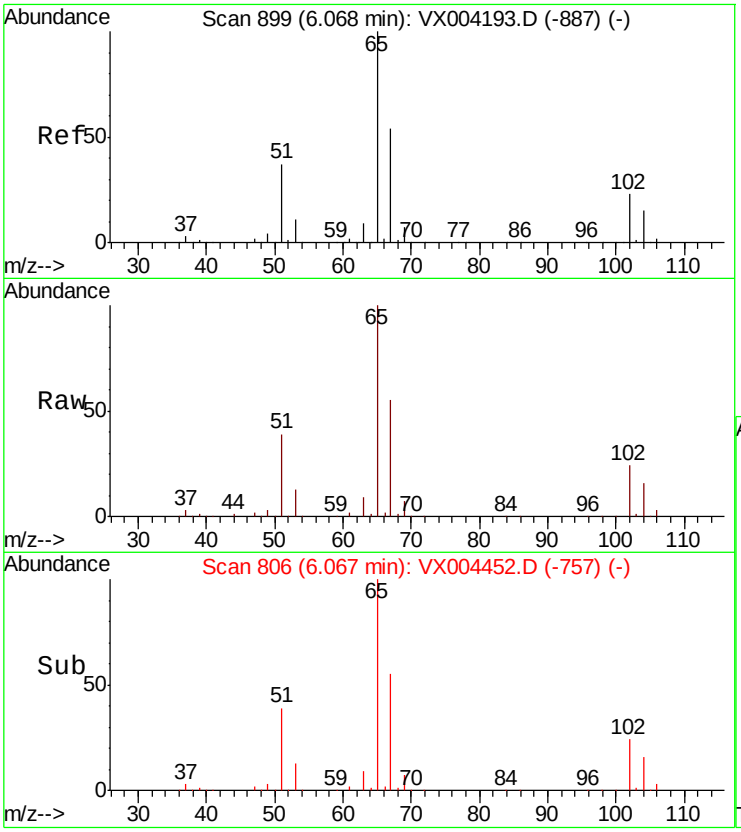


#30
Chloroform
Concen: 0.57 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 83 Resp: 3454

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.6	79.0



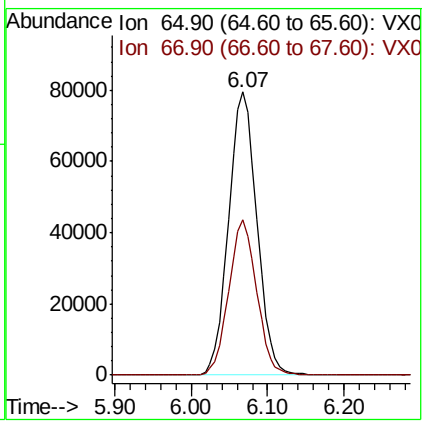


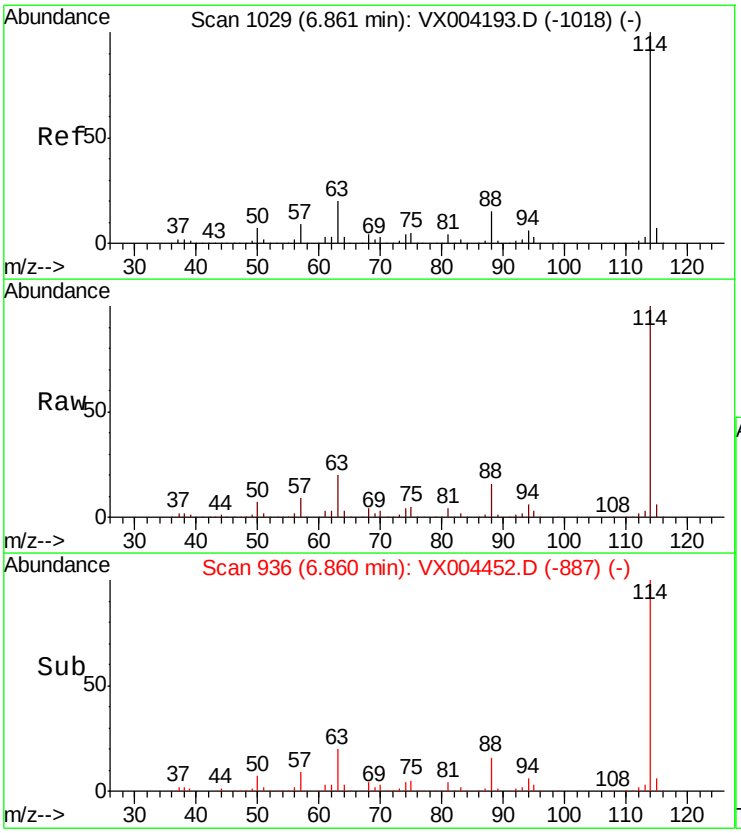
#33
1,2-Dichloroethane-d4
Concen: 54.63 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 65 Resp: 203866

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8

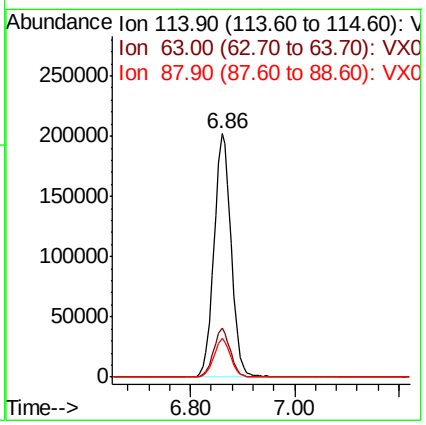


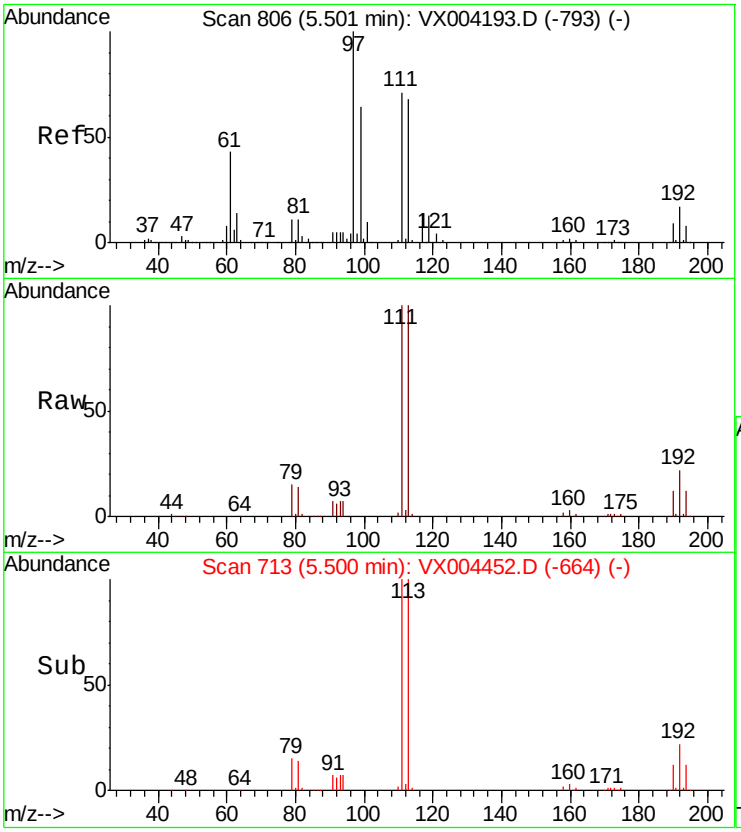


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion:114 Resp: 471370

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.8	0.0	30.4



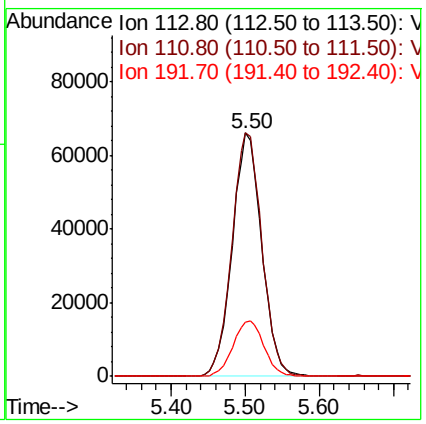


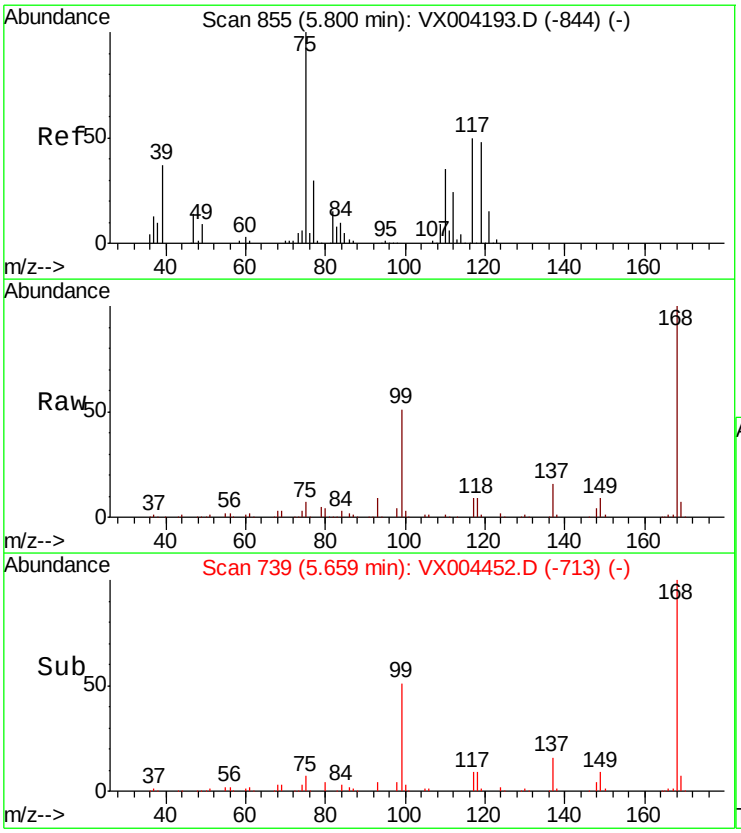
#35
Dibromofluoromethane
Concen: 52.22 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion:113 Resp: 183111

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	23.8	19.4	29.2

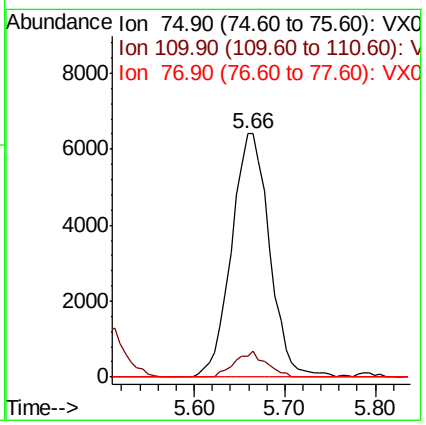


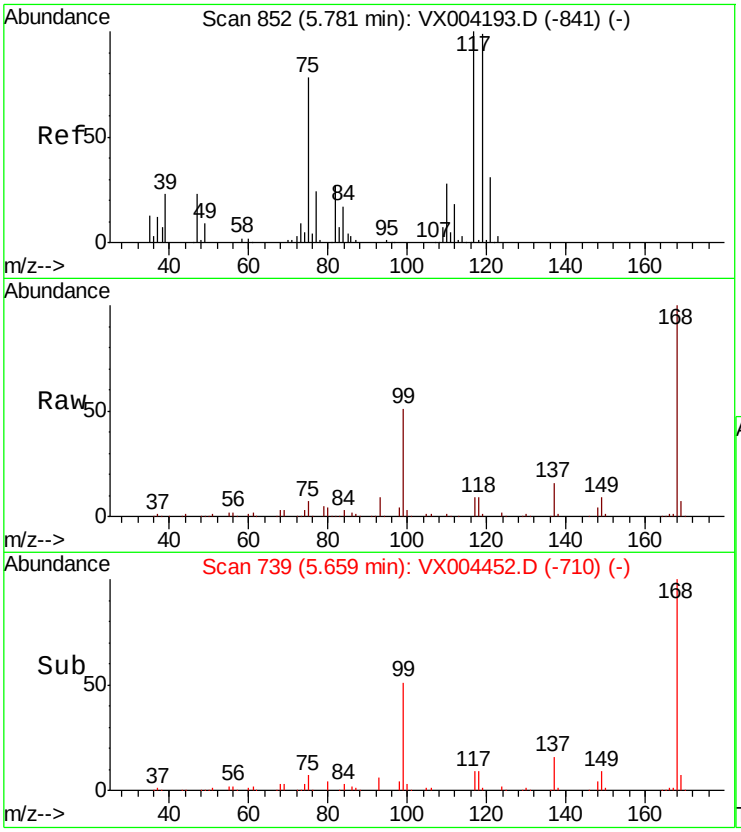


#36
1,1-Dichloropropene
Concen: 3.51 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 75 Resp: 18622

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.6	36.8#



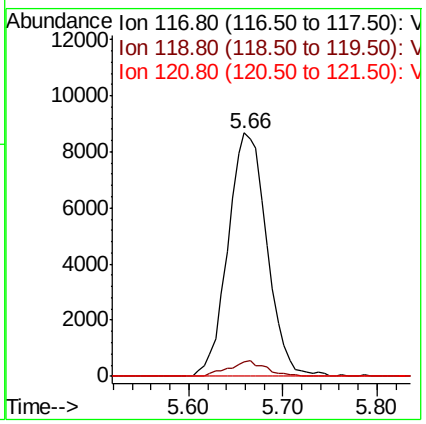


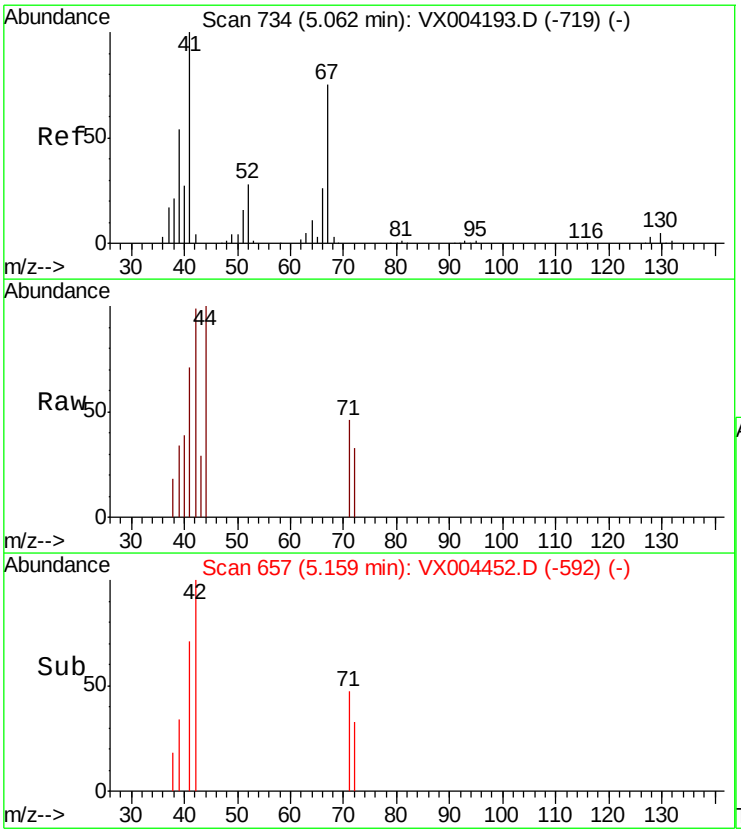
#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion:117 Resp: 24930

Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.8	118.2#
121	0.0	24.9	37.3#

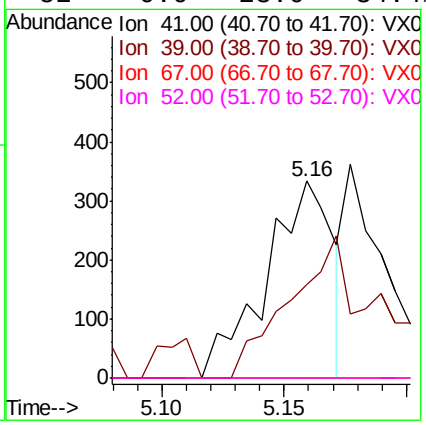


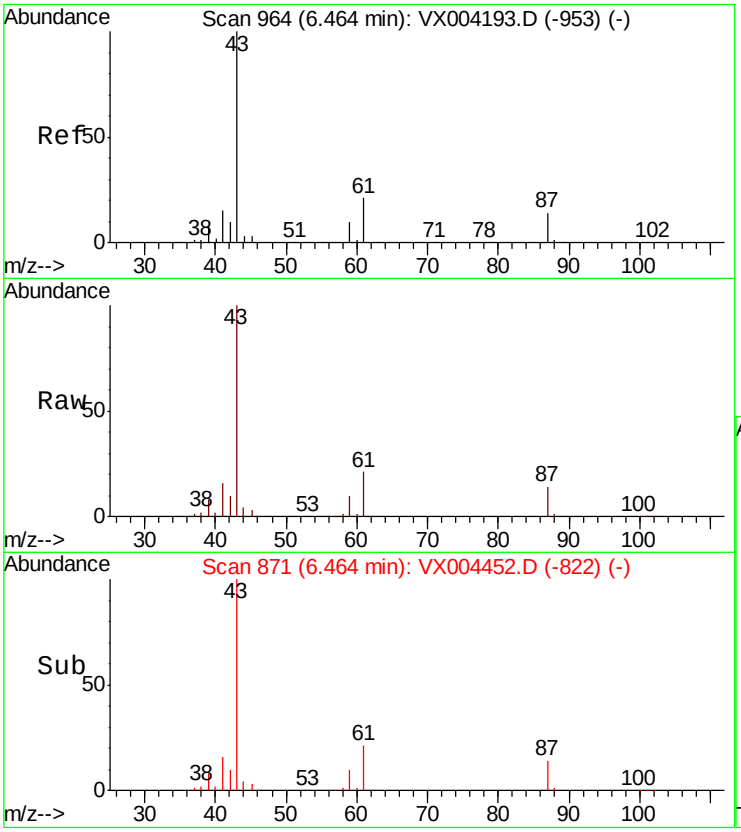


#41
Methacrylonitrile
Concen: 0.21 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 41 Resp: 633

Ion	Ratio	Lower	Upper
41	100		
39	103.2	42.4	63.6#
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



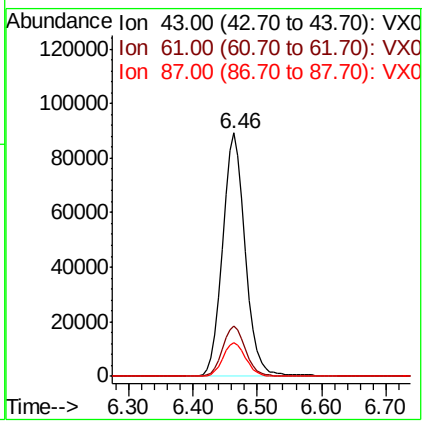


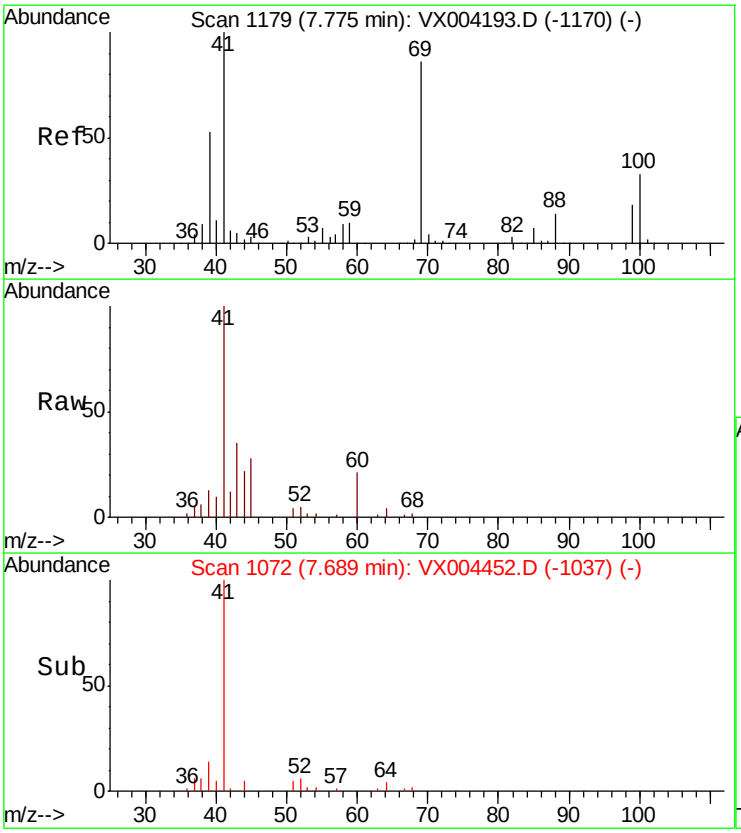
#43
Isopropyl Acetate
Concen: 27.65 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion: 43 Resp: 221458

Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.0	25.4
87	14.0	11.4	17.2

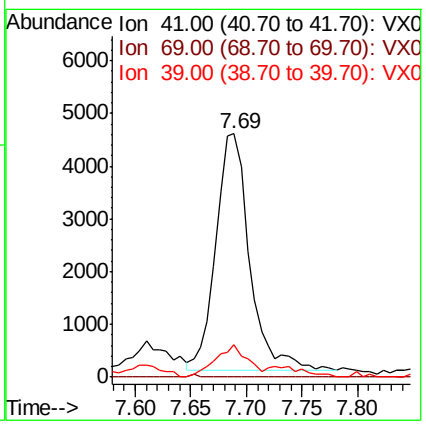


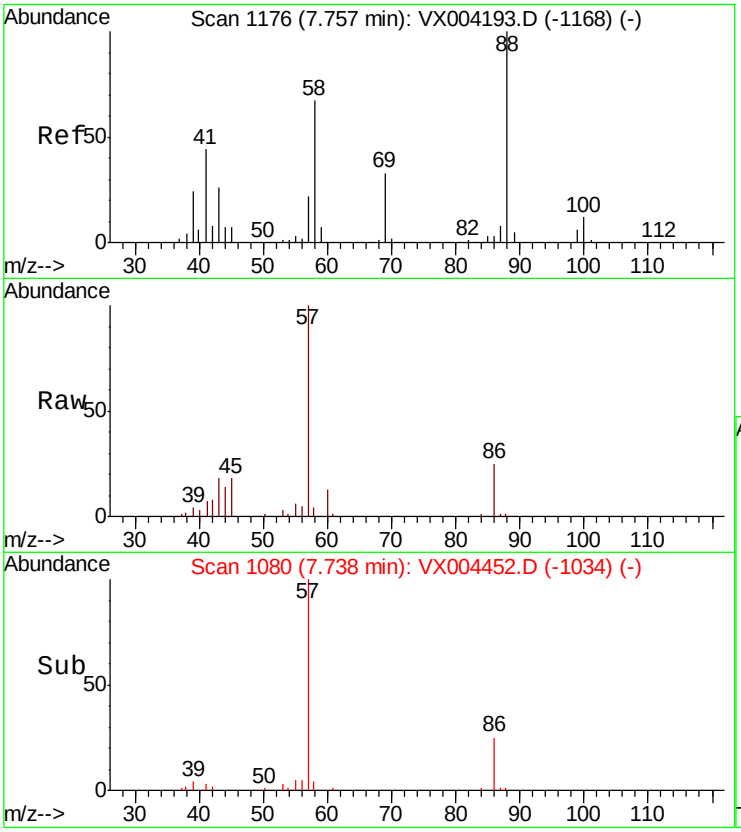


#48
Methyl methacrylate
Concen: 2.19 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 41 Resp: 9380

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



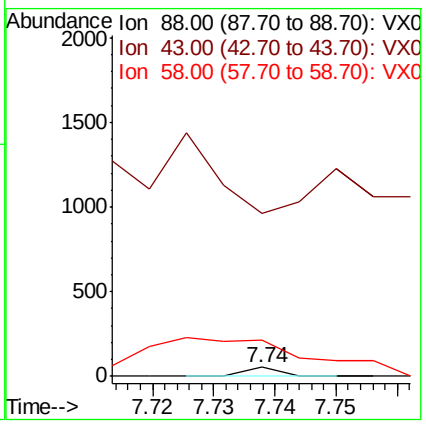


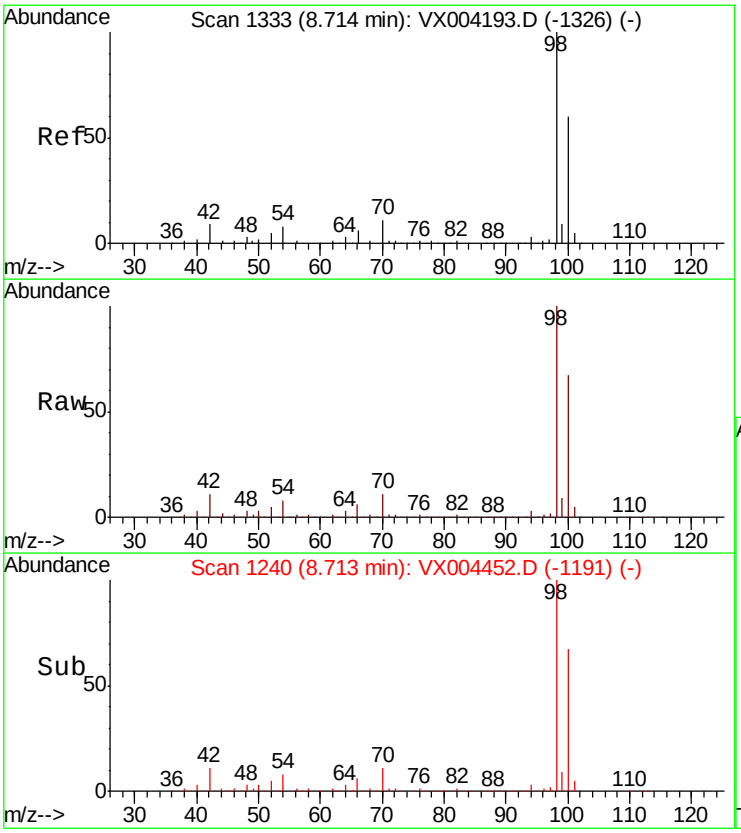
#49
1,4-Dioxane
Concen: 0.21 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.02 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	2255.0	55.3	82.9#

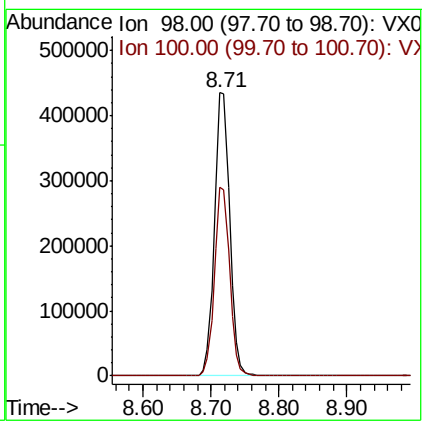


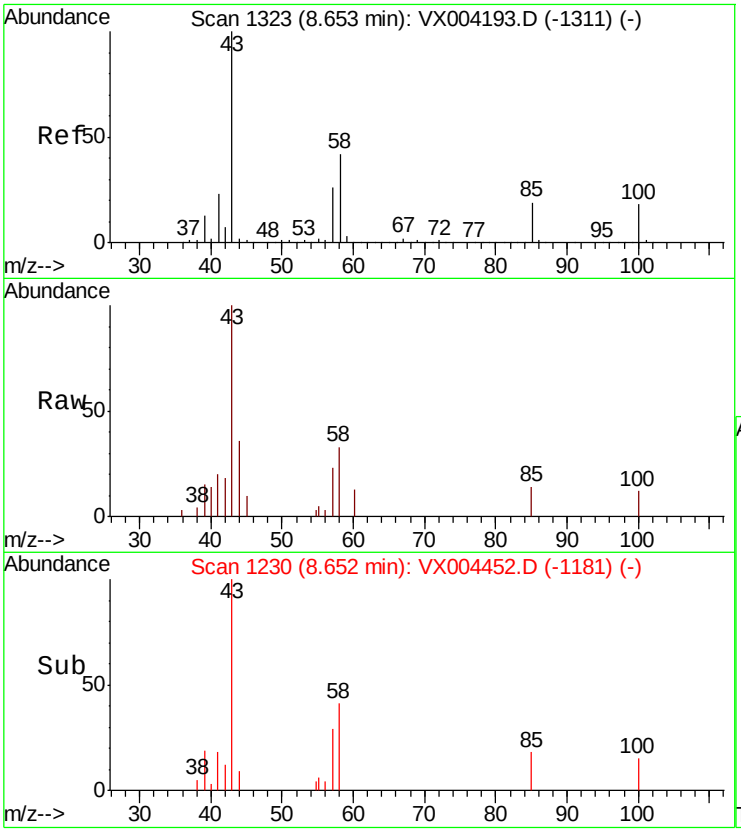


#50
Toluene-d8
Concen: 51.44 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 98 Resp: 680834

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3



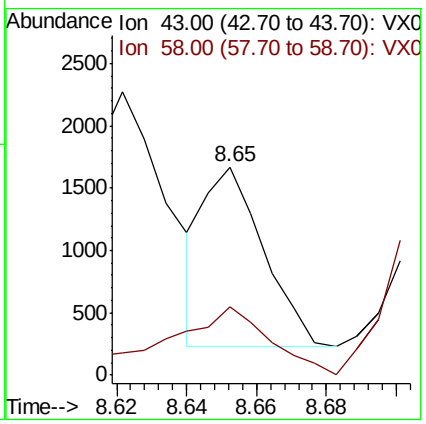


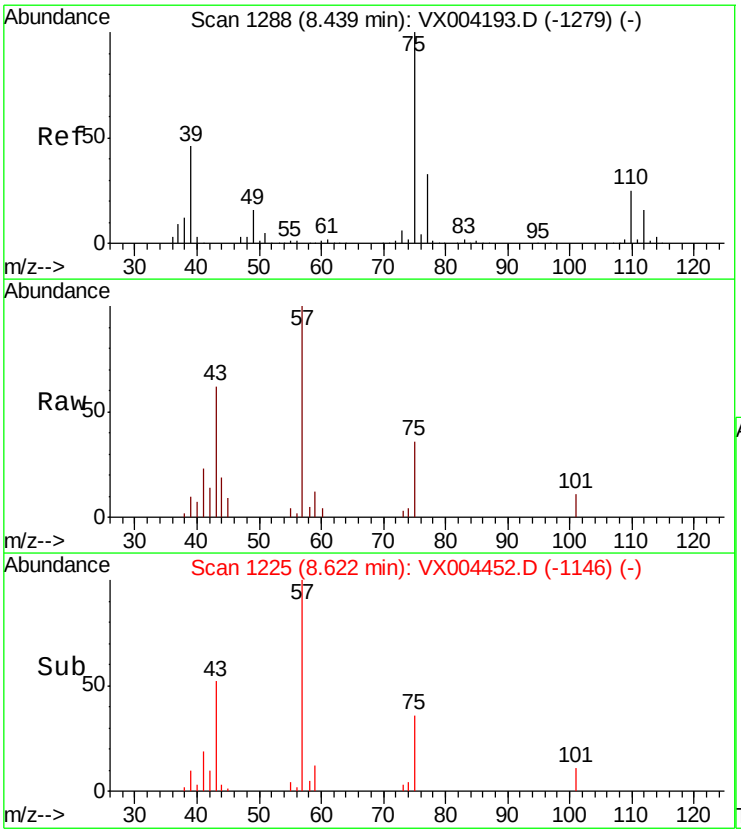
#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion: 43 Resp: 1708

Ion	Ratio	Lower	Upper
43	100		
58	70.1	33.1	49.7#

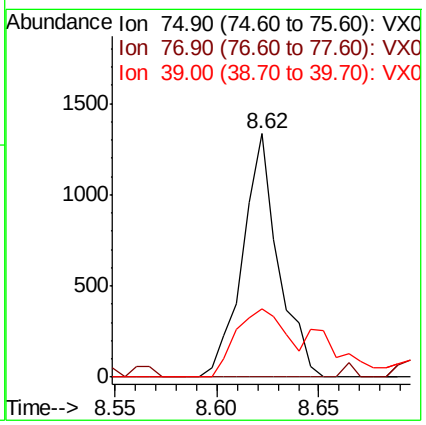


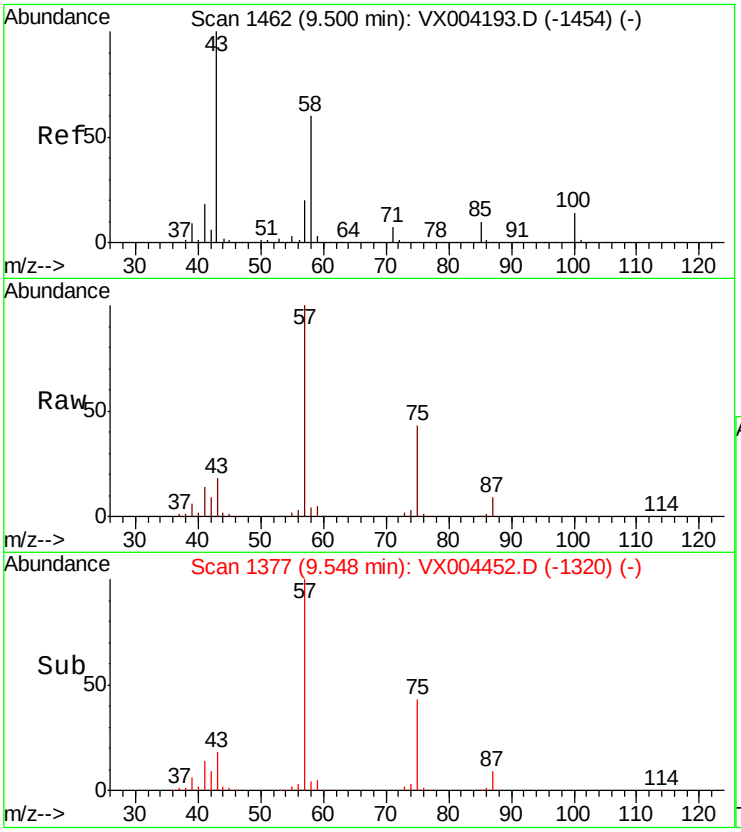


#54
cis-1,3-Dichloropropene
Concen: 0.28 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 75 Resp: 1629

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	27.8	36.4	54.6#



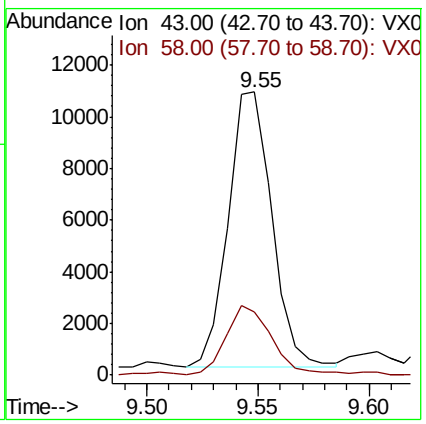


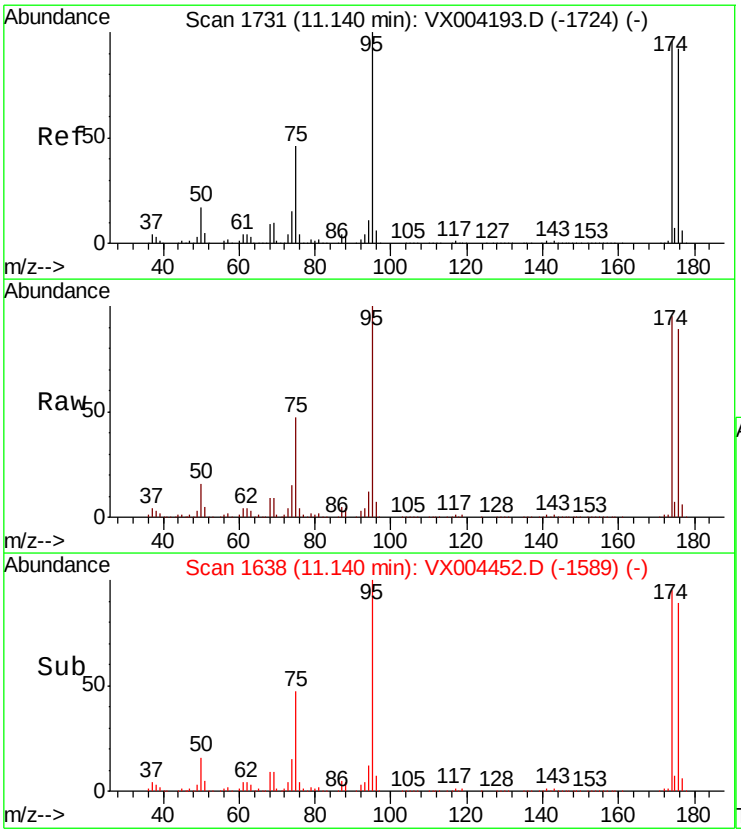
#59
2-Hexanone
Concen: 3.27 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion: 43 Resp: 14503

Ion	Ratio	Lower	Upper
43	100		
58	26.7	29.0	87.0#

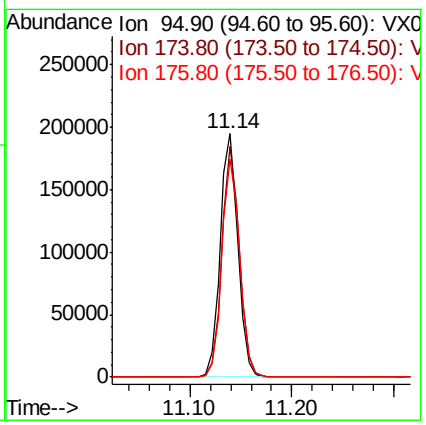


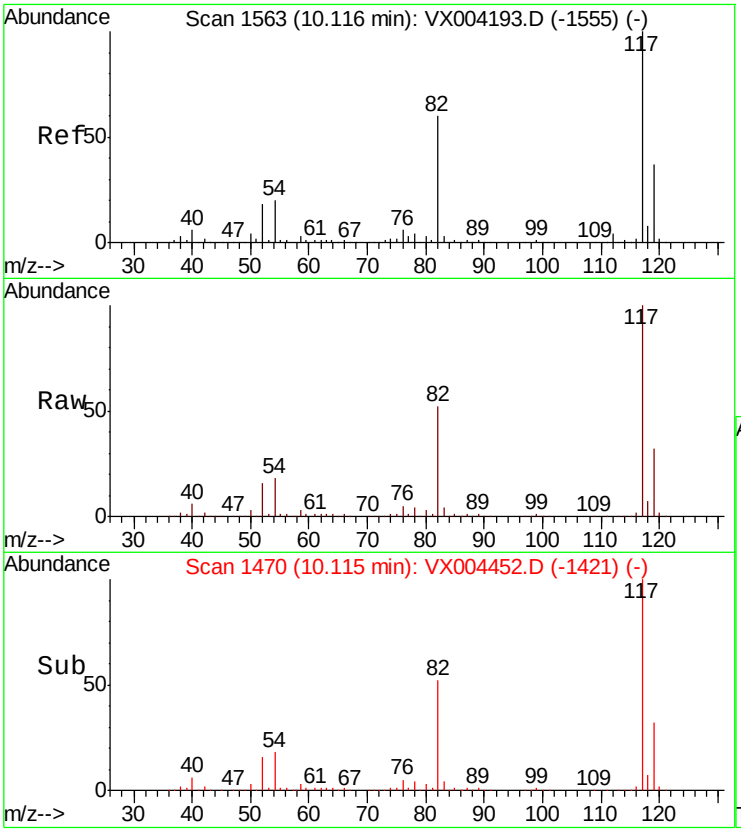


#62
4-Bromofluorobenzene
Concen: 47.87 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion: 95 Resp: 236427

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	185.2
176	89.5	0.0	178.6



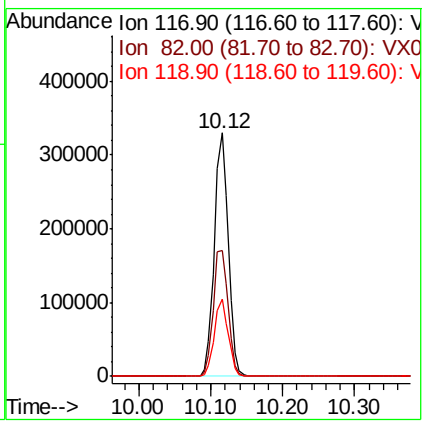


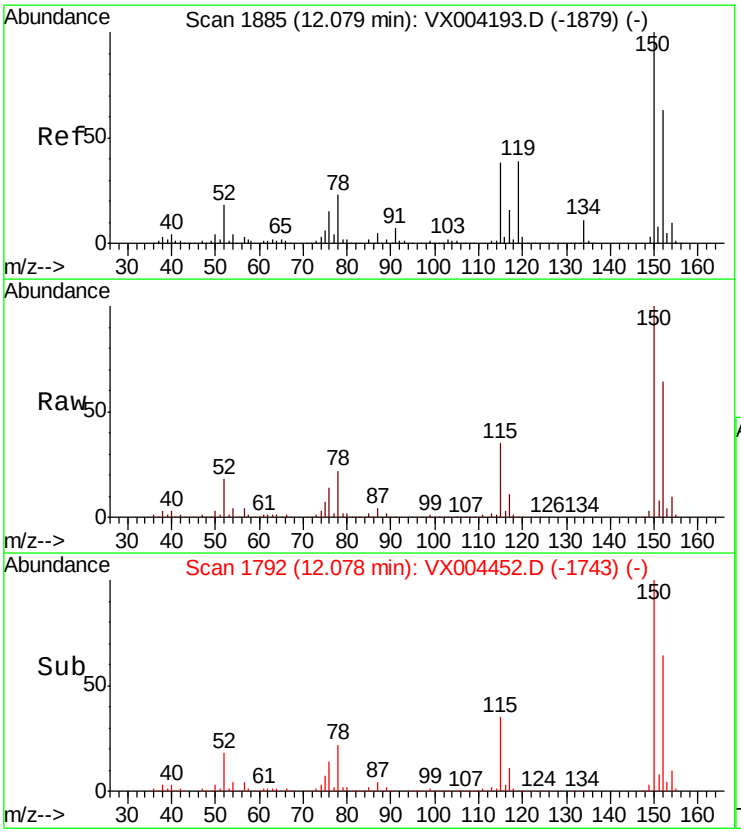
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#09

Tgt Ion:117 Resp: 440735

Ion	Ratio	Lower	Upper
117	100		
82	51.7	47.8	71.6
119	31.6	29.3	43.9

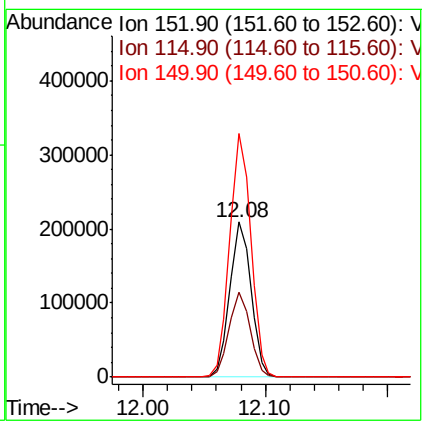


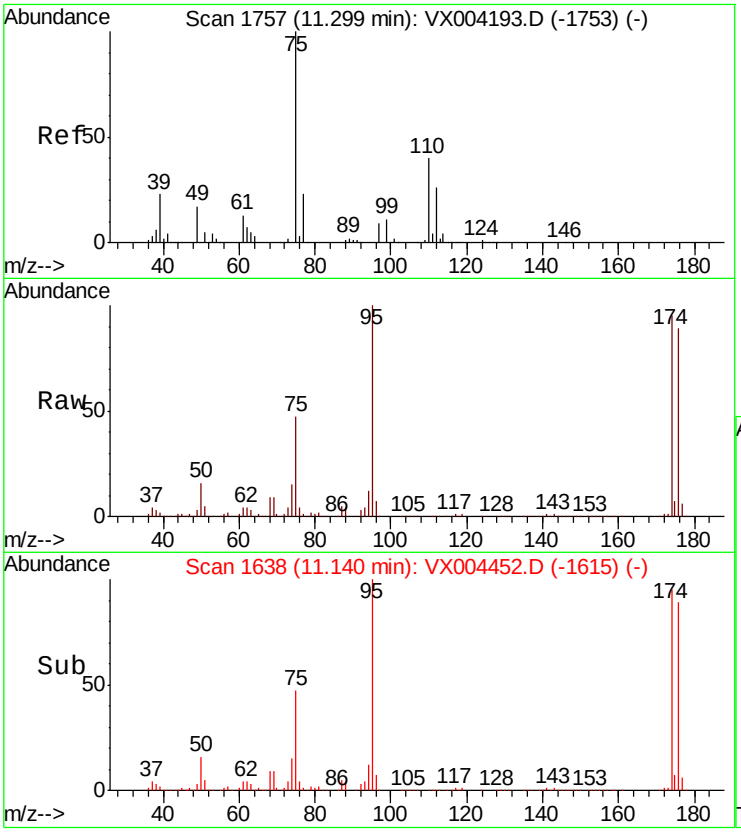


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion:152 Resp: 250895

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	117.0
150	156.8	0.0	351.0



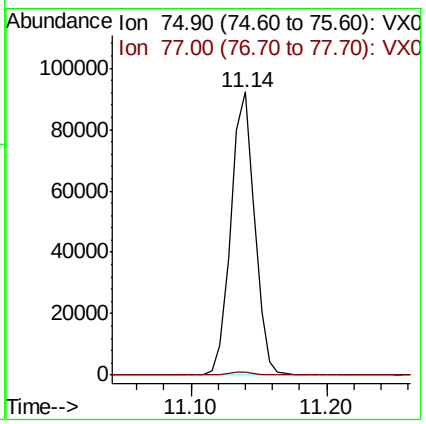


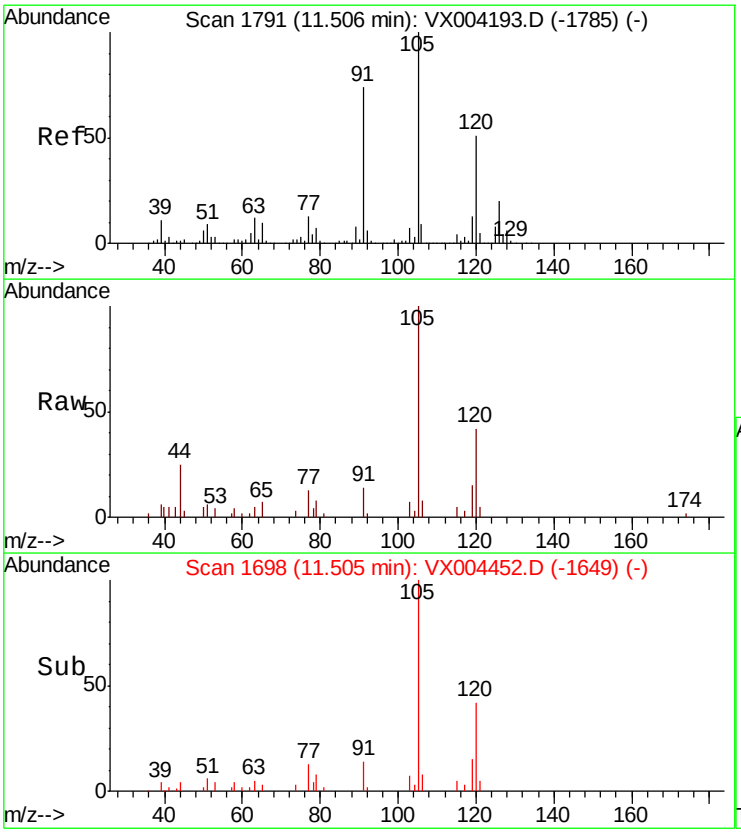
#76
1,2,3-Trichloropropane
Concen: 22.01 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 75 Resp: 112287

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

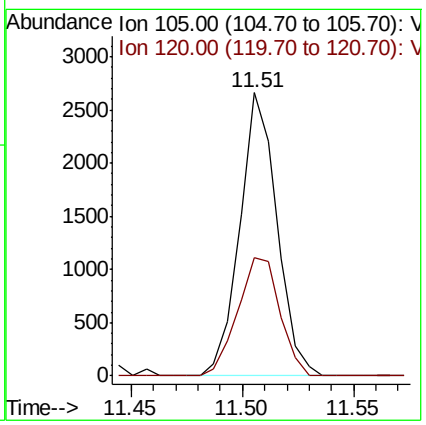


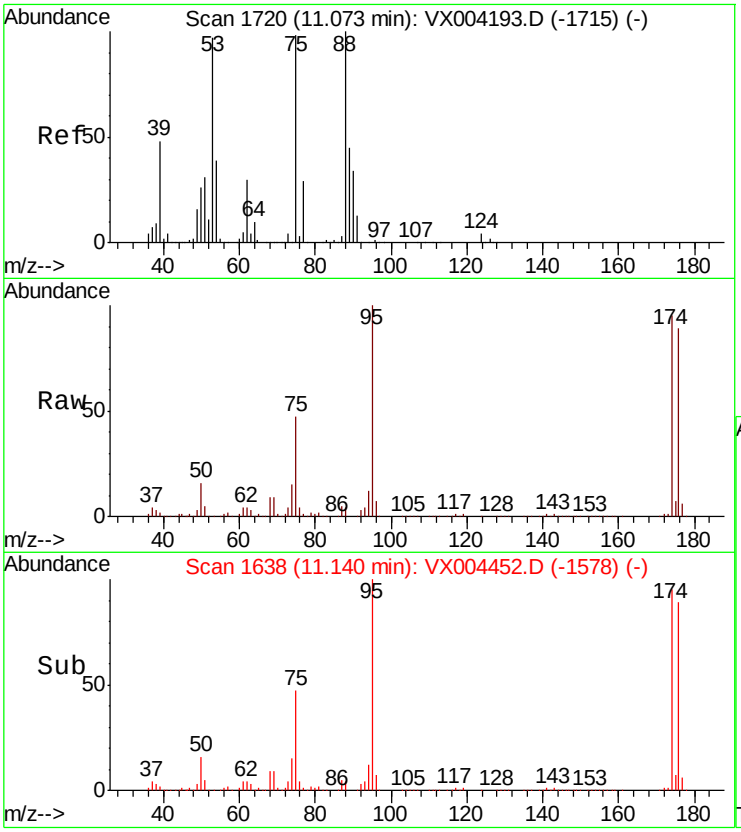


#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Tgt Ion:105 Resp: 3104

Ion	Ratio	Lower	Upper
105	100		
120	47.2	25.6	76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 71.40 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004452.D
Acq: 10 Sep 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#09

Tgt Ion: 75 Resp: 112287

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