Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004450.D
Acq On : 10 Sep 2018 15:54
Operator : JC/MD
Sample : PB112704ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Quant Time: Sep 11 01:20:53 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	307989	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	506732	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	483156	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283213	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	218259	54.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.74%				
35) Dibromofluoromethane	5.50	113	193743	51.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.78%				
50) Toluene-d8	8.71	98	740331	52.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.06%				
62) 4-Bromofluorobenzene	11.14	95	266532	50.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.40%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	603	0.44	ug/l		94
5) Bromomethane	1.64	94	854	Below Cal		#	30
6) Chloroethane	1.80	64	1341	1.38	ug/l	#	74
10) Methyl Iodide	2.51	142	538	4.39	ug/l	#	62
11) Tert butyl alcohol	3.07	59	352	0.41	ug/l	#	87
13) Acrolein	2.30	56	187	0.91	ug/l	#	27
15) Acrylonitrile	3.16	53	452	0.21	ug/l	#	67
16) Acetone	2.45	43	23673	6.59	ug/l		99
17) Carbon Disulfide	2.57	76	1053	0.91	ug/l	#	76
18) Methyl Acetate	2.78	43	10088	1.69	ug/l		99
20) Methylene Chloride	2.85	84	14251	3.69	ug/l		98
25) 2-Butanone	4.70	43	3427	Below Cal			94
29) Tetrahydrofuran	5.17	42	1562	0.91	ug/l		92
30) Chloroform	5.21	83	2686	0.41	ug/l		99
31) Cyclohexane	5.66	56	5267	0.94	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	19823	3.48	ug/l	#	45
38) Carbon Tetrachloride	5.66	117	26544	4.95	ug/l	#	16
41) Methacrylonitrile	5.17	41	1127	0.35	ug/l	#	48
43) Isopropyl Acetate	6.46	43	187298	21.76	ug/l		99
48) Methyl methacrylate	7.69	41	8282	1.80	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.62	43	3143	0.50	ug/l	#	34
54) cis-1,3-Dichloropropene	8.62	75	1439	0.23	ug/l	#	75
59) 2-Hexanone	9.55	43	12684	2.66	ug/l	#	57
76) 1,2,3-Trichloropropane	11.14	75	124269	21.57	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	124269	70.00	ug/l	#	10
94) Hexachlorobutadiene	13.79	225	402	Below Cal			95

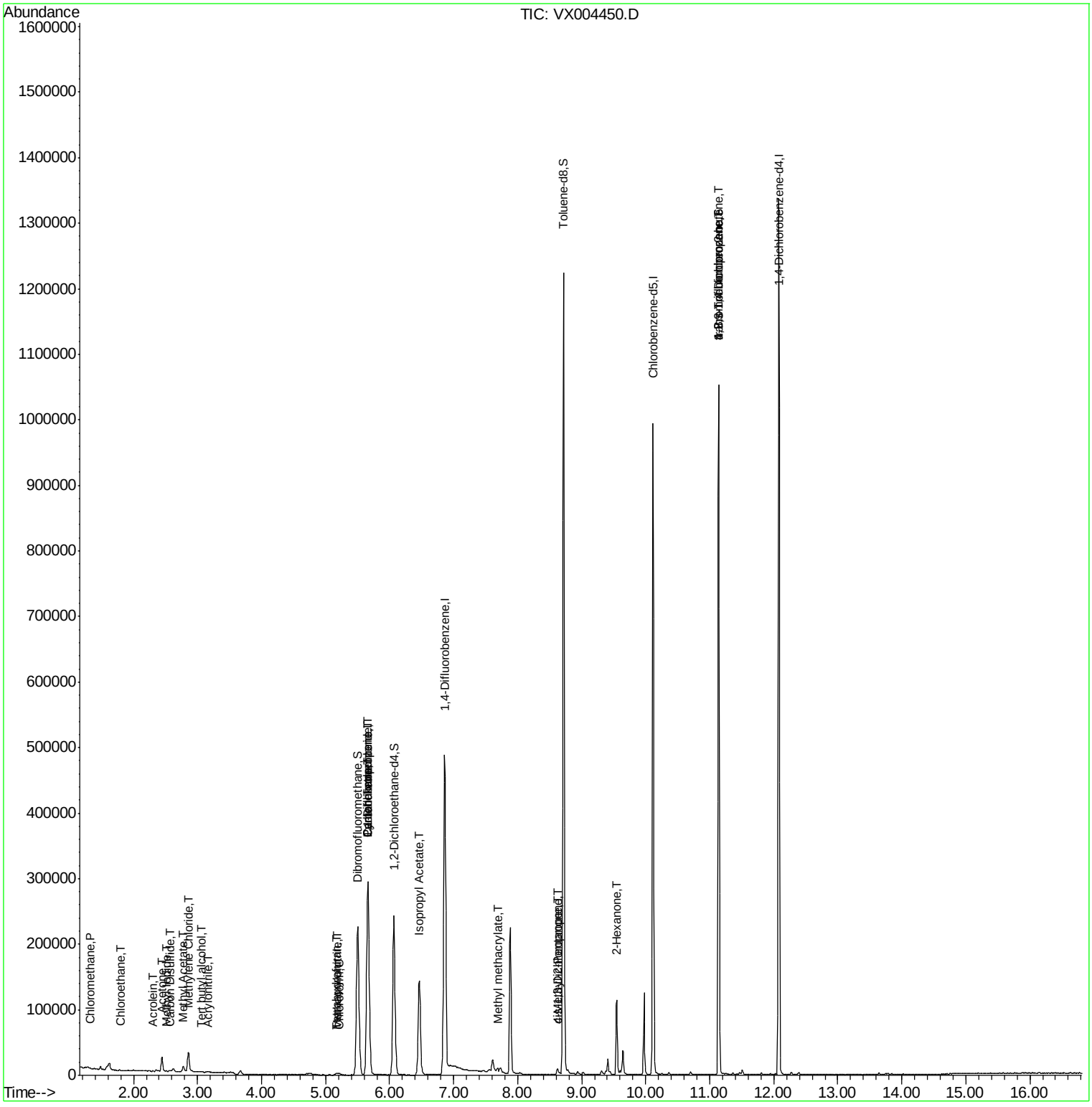
(#) = qualifier out of range (m) = manual integration (+) = signals summed

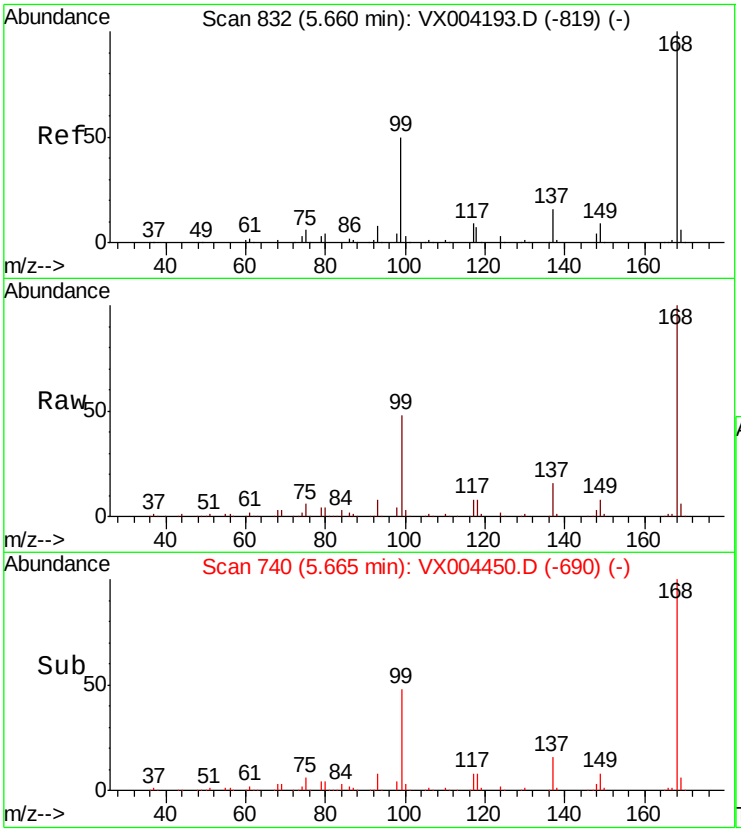
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004450.D
Acq On : 10 Sep 2018 15:54
Operator : JC/MD
Sample : PB112704ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Quant Time: Sep 11 01:20:53 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



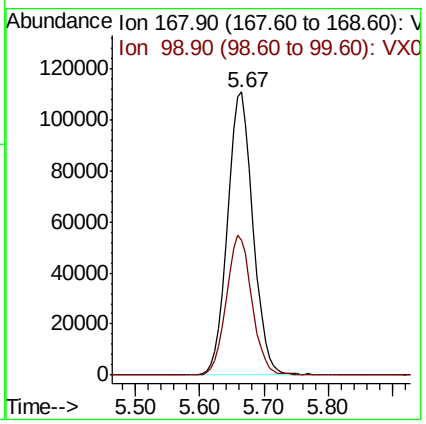


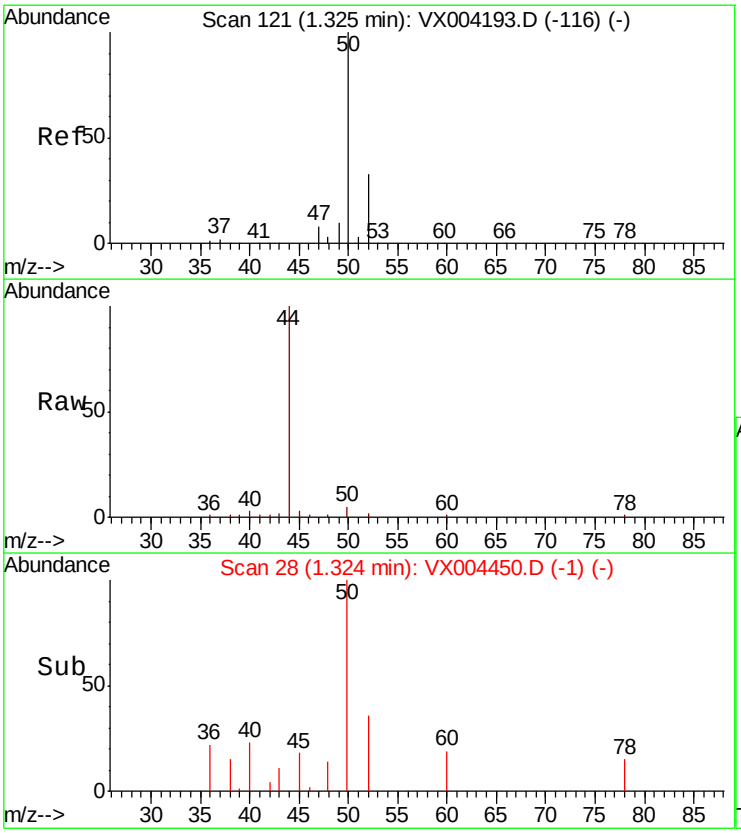
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion:168 Resp: 307989

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.9	59.9

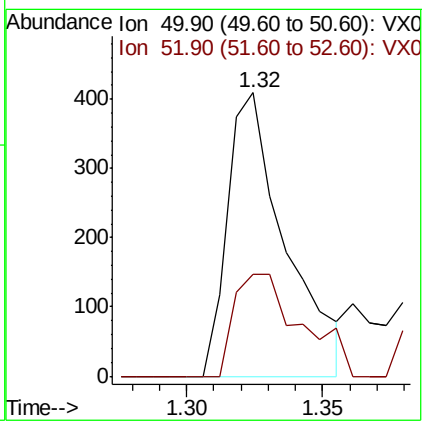


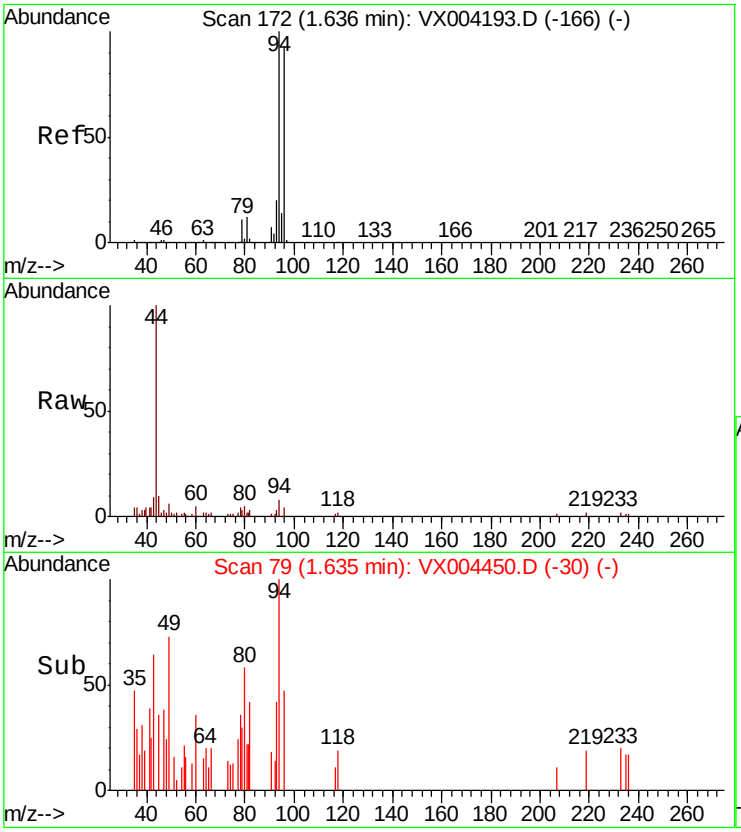


#3
Chloromethane
Concen: 0.44 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 50 Resp: 603

Ion	Ratio	Lower	Upper
50	100		
52	36.2	26.2	39.2



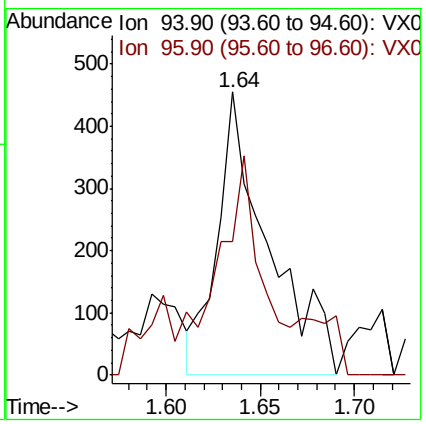


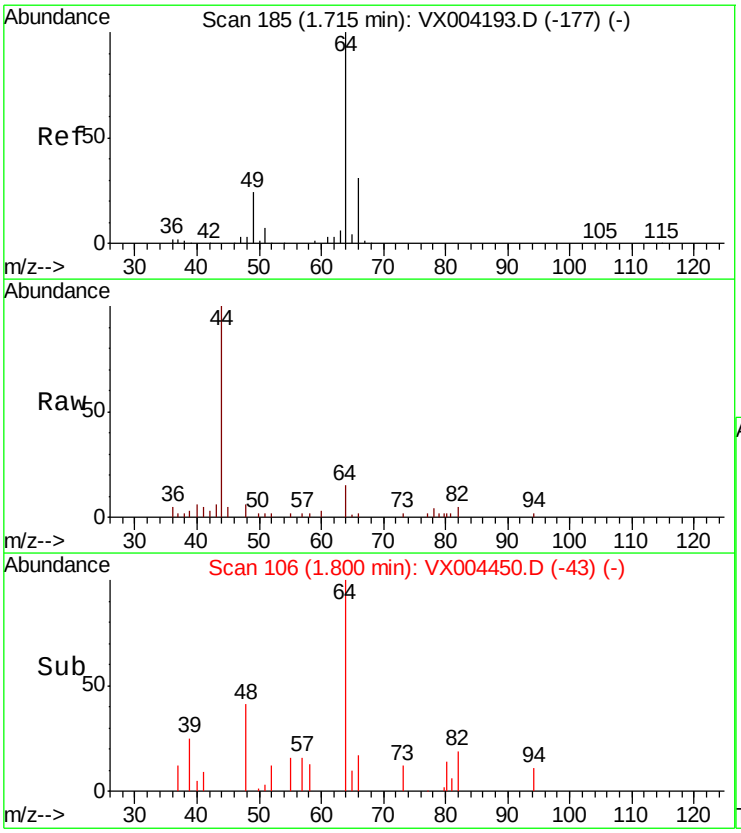
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion: 94 Resp: 854

Ion	Ratio	Lower	Upper
94	100		
96	26.2	74.5	111.7#

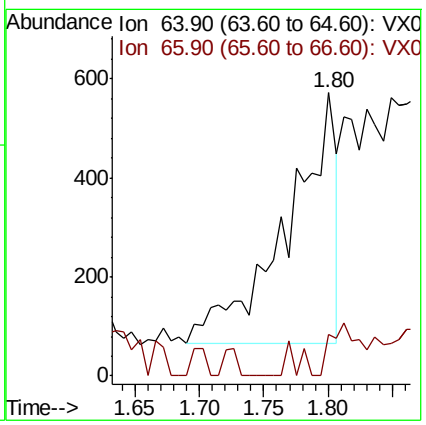


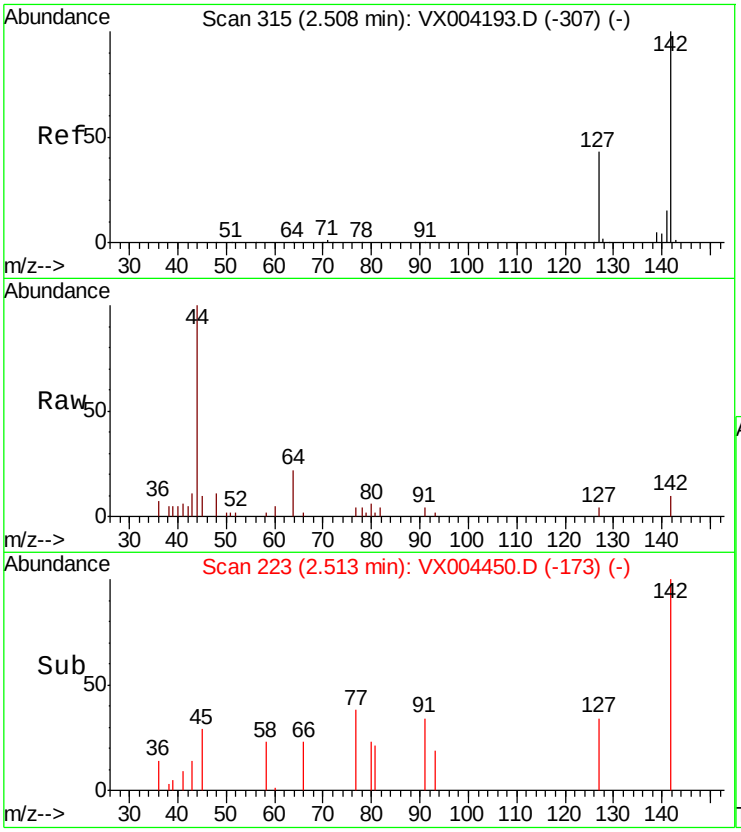


#6
Chloroethane
Concen: 1.38 ug/l
RT: 1.80 min Scan# 106
Delta R.T. 0.08 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 64 Resp: 1341

Ion	Ratio	Lower	Upper
64	100		
66	16.6	24.6	36.8#



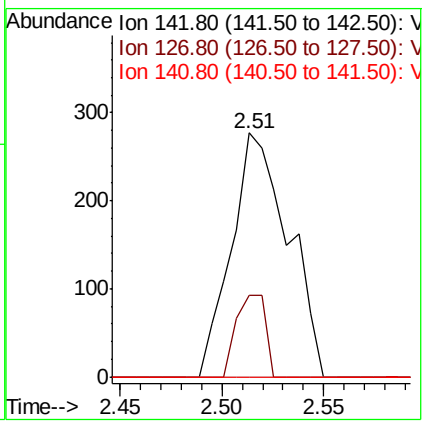


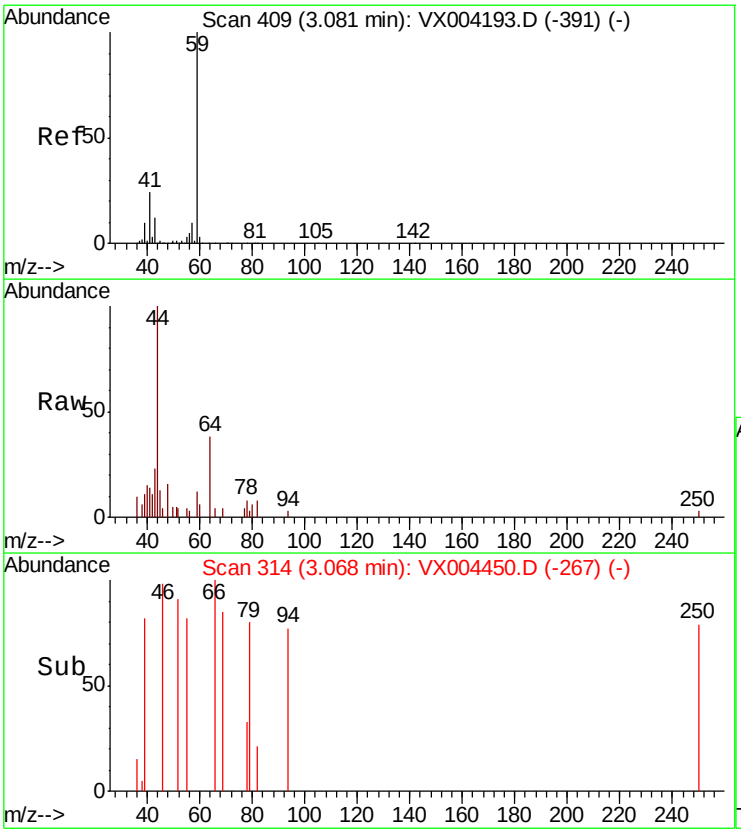
#10
Methyl Iodide
Concen: 4.39 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion:142 Resp: 538

Ion	Ratio	Lower	Upper
142	100		
127	17.1	33.8	50.6#
141	0.0	11.4	17.0#

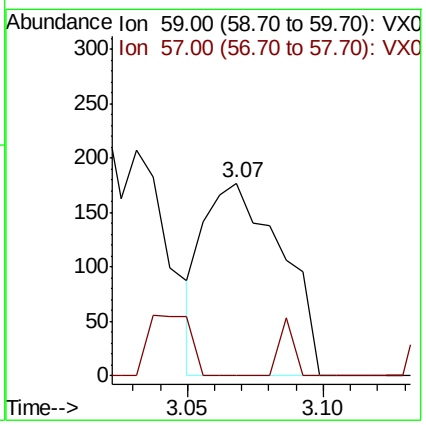


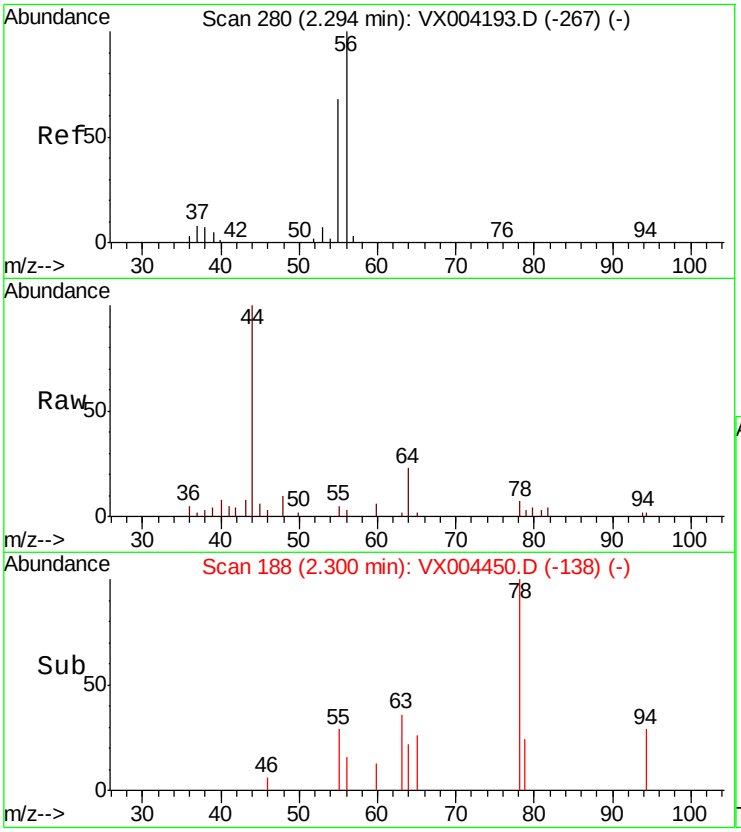


#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 59 Resp: 352

Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.2	12.4#



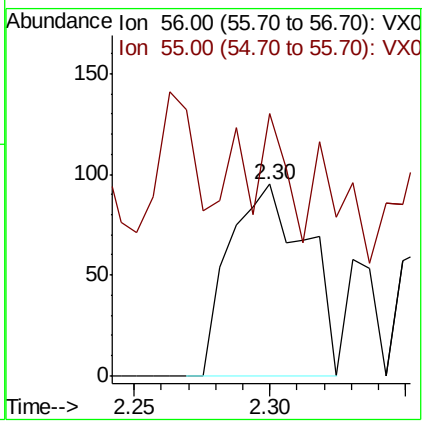


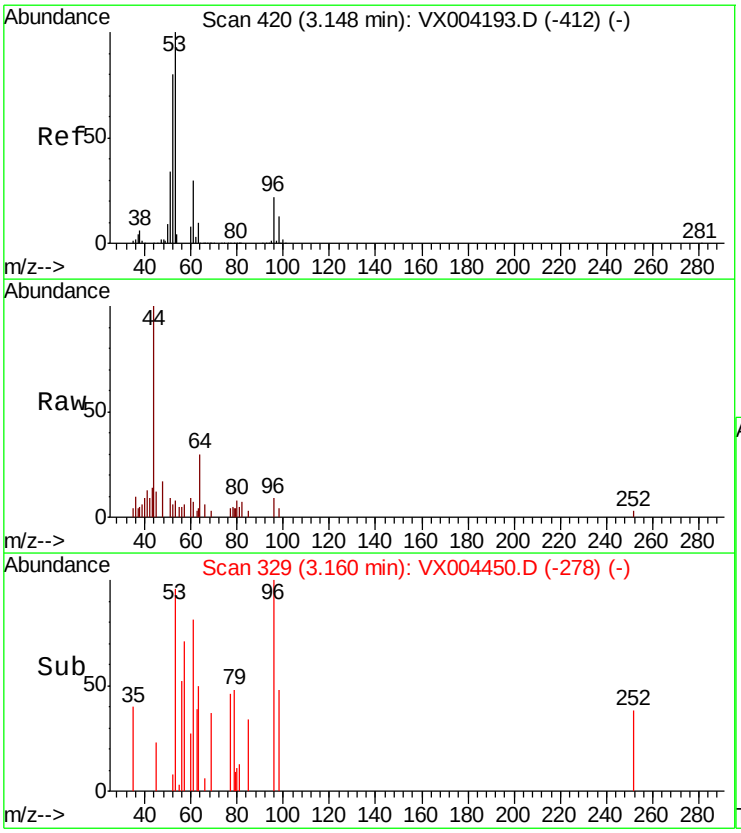
#13
Acrolein
Concen: 0.91 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion: 56 Resp: 187

Ion	Ratio	Lower	Upper
56	100		
55	9.1	54.7	82.1#

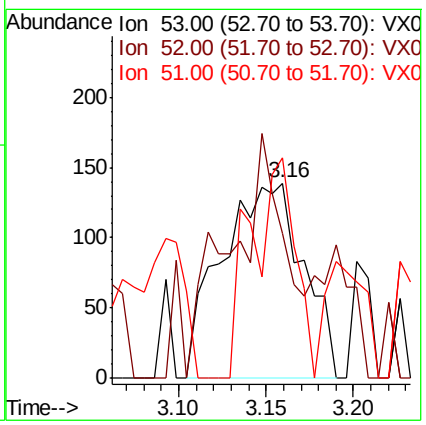


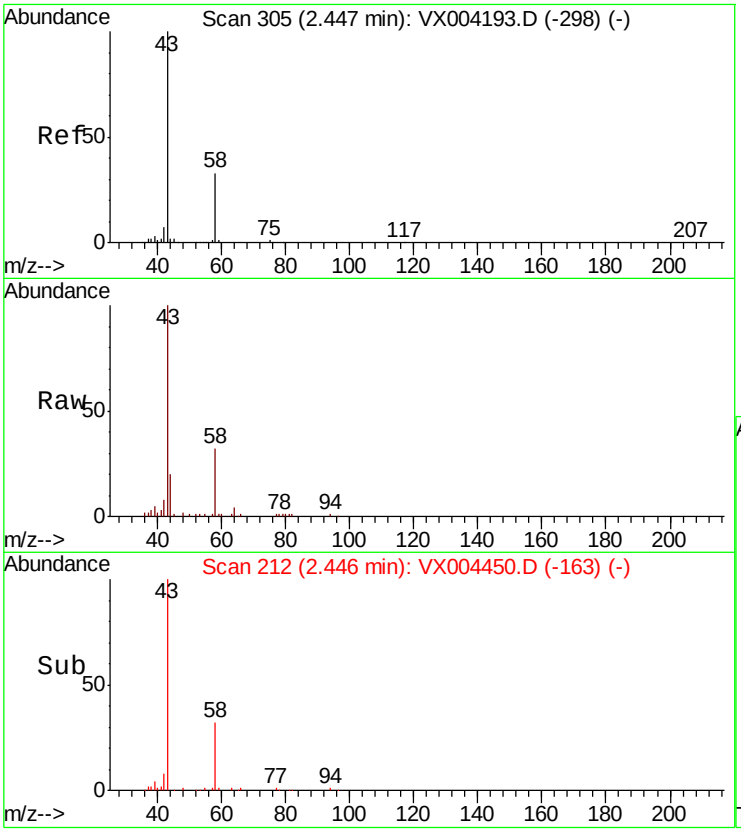


#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 53 Resp: 452

Ion	Ratio	Lower	Upper
53	100		
52	57.5	65.2	97.8#
51	61.7	28.2	42.2#



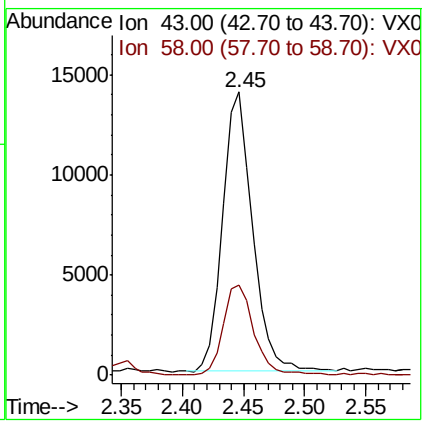


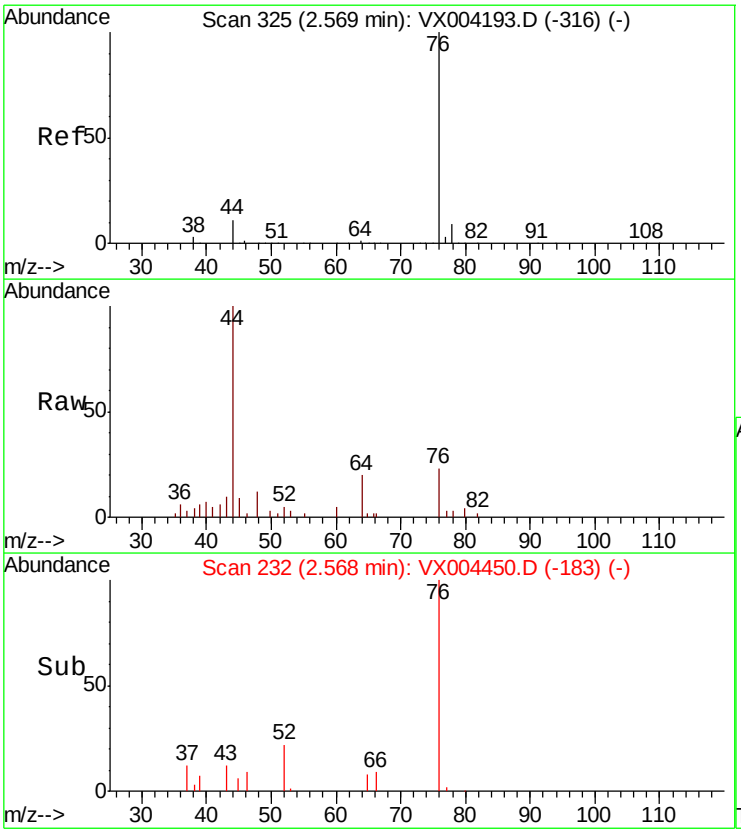
#16
Acetone
Concen: 6.59 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 43 Resp: 23673

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.2	39.4

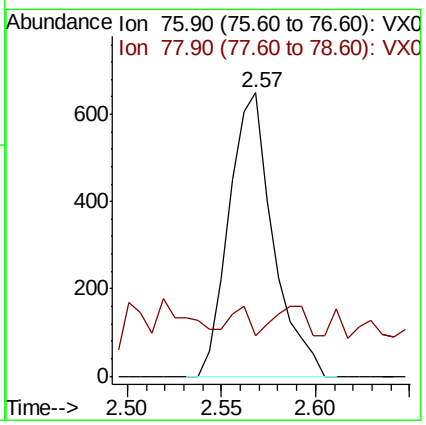


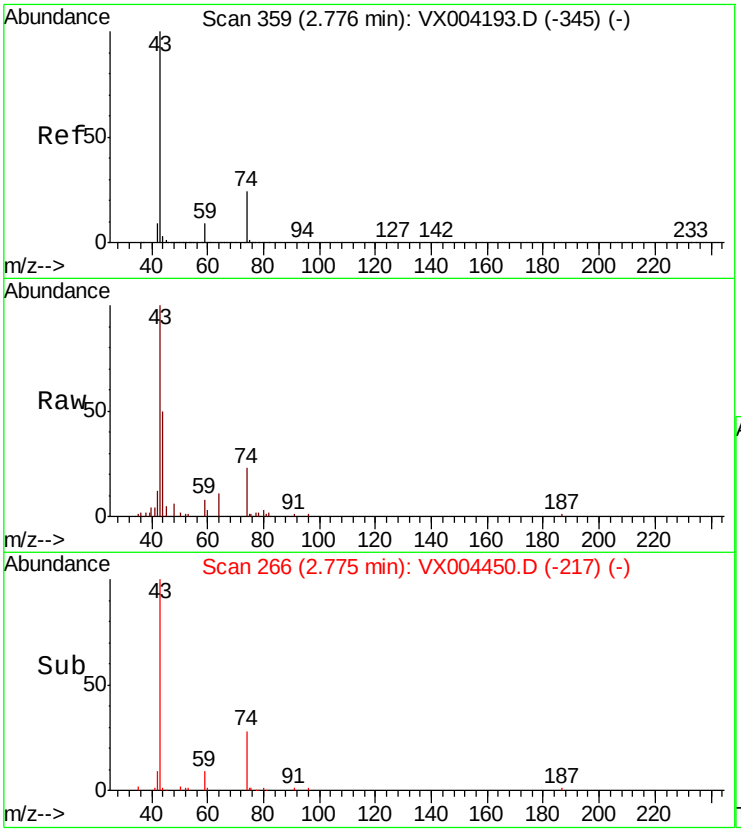


#17
Carbon Disulfide
Concen: 0.91 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 76 Resp: 1053

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.6#



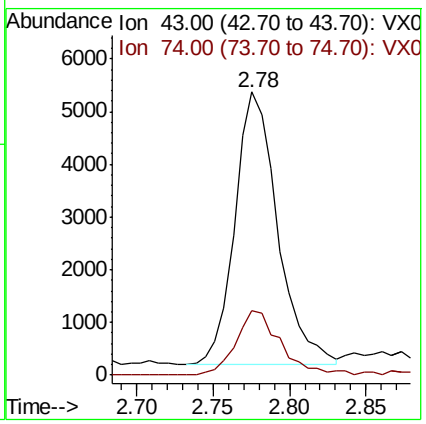


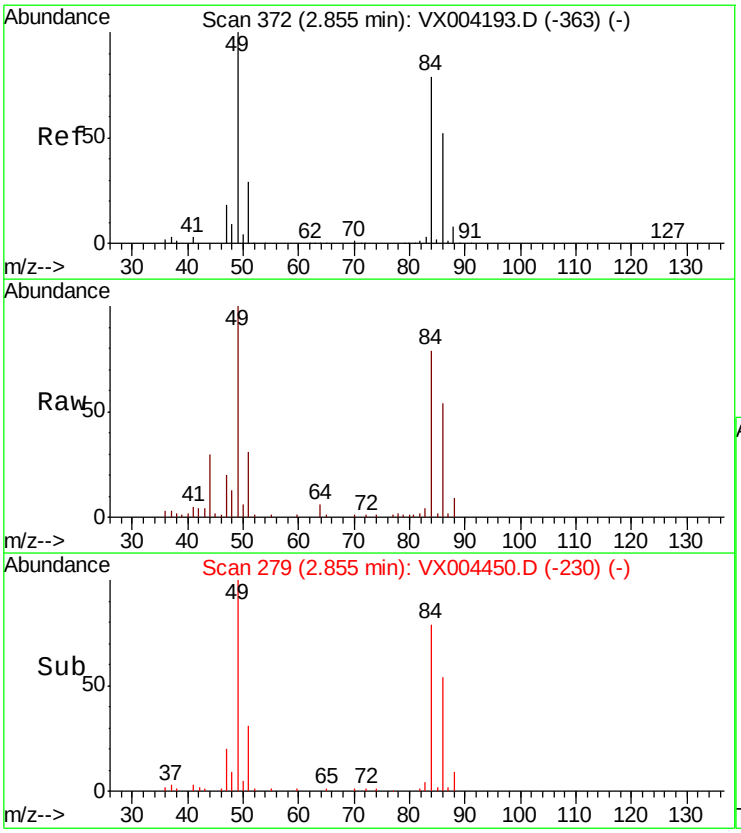
#18
Methyl Acetate
Concen: 1.69 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion: 43 Resp: 10088

Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.4	29.2

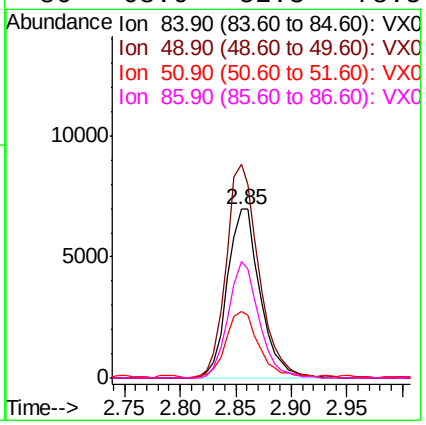


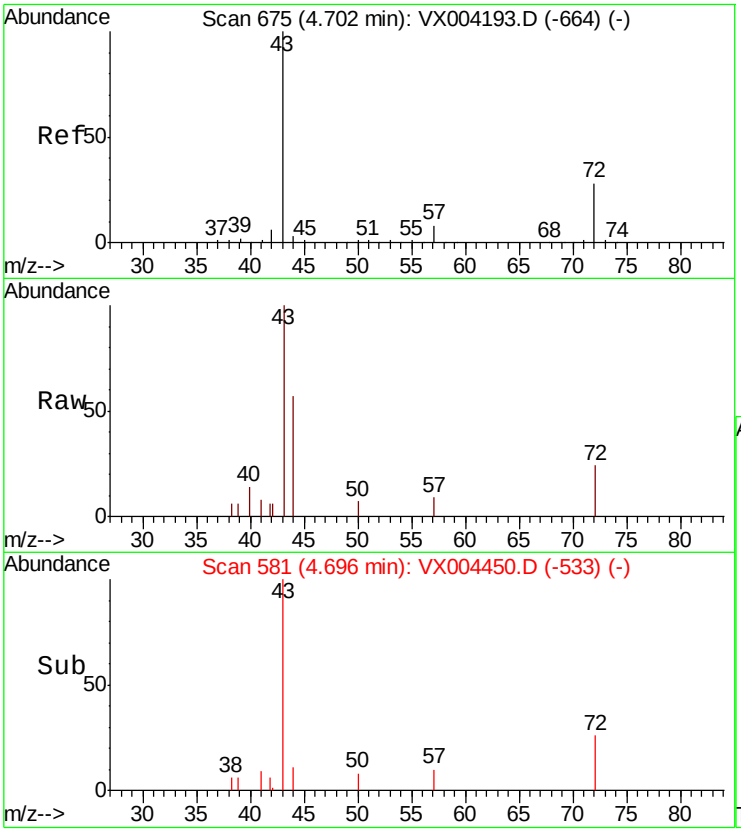


#20
Methylene Chloride
Concen: 3.69 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 84 Resp: 14251

Ion	Ratio	Lower	Upper
84	100		
49	126.5	101.2	151.8
51	39.8	29.5	44.3
86	68.6	52.3	78.5



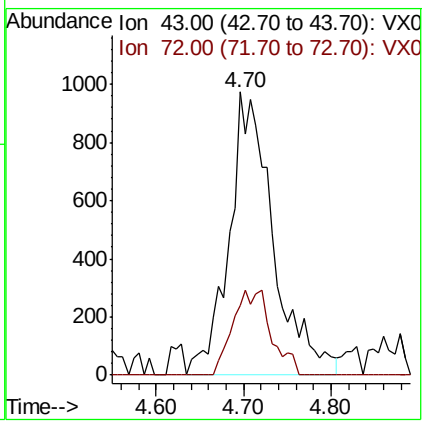


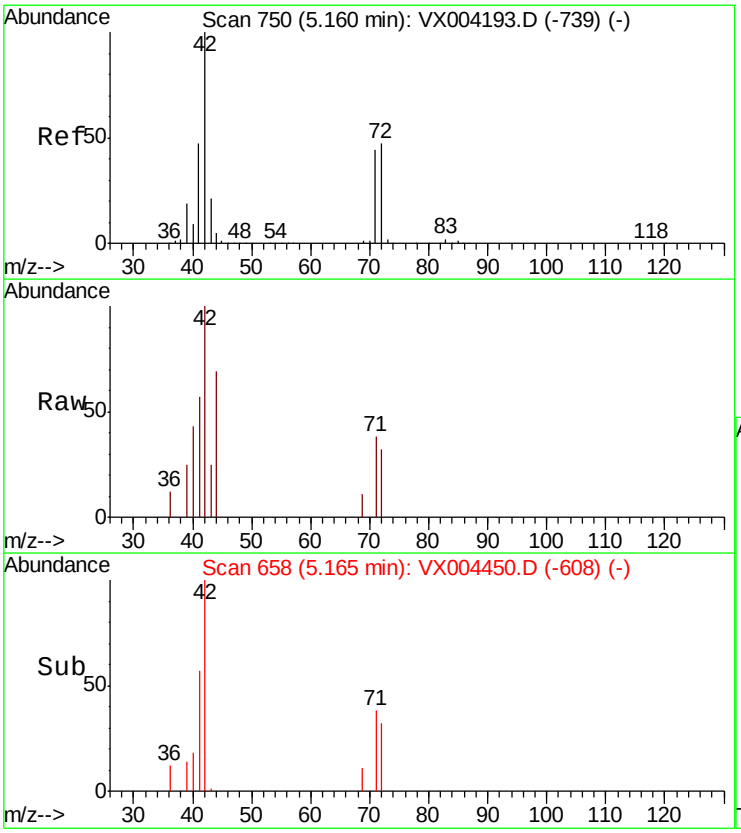
#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 43 Resp: 3427

Ion	Ratio	Lower	Upper
43	100		
72	24.5	22.0	33.0

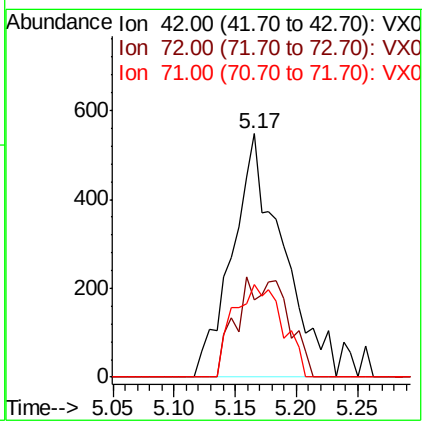


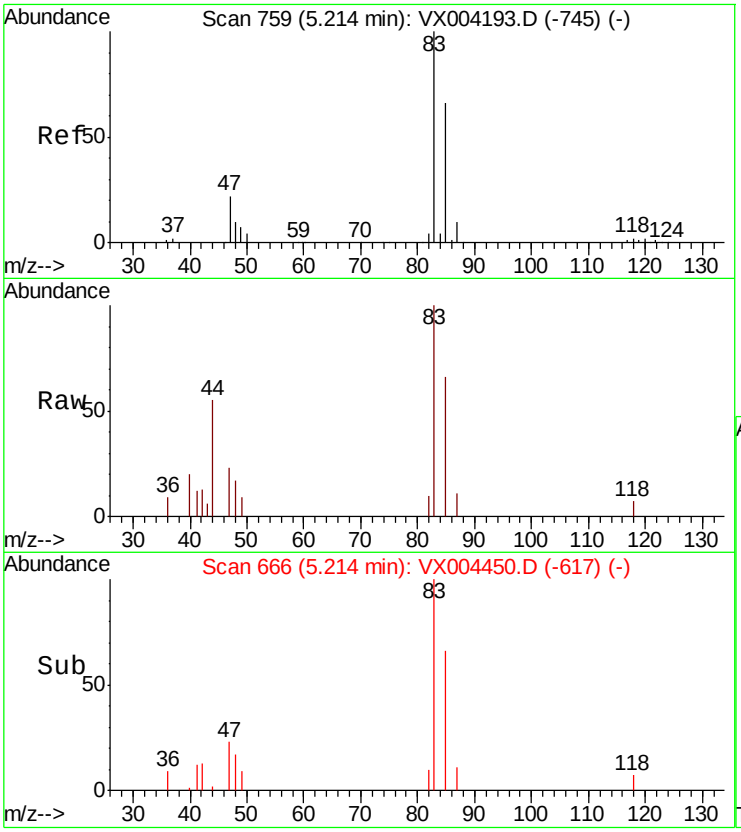


#29
Tetrahydrofuran
Concen: 0.91 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 42 Resp: 1562

Ion	Ratio	Lower	Upper
42	100		
72	41.7	37.4	56.0
71	37.3	34.5	51.7



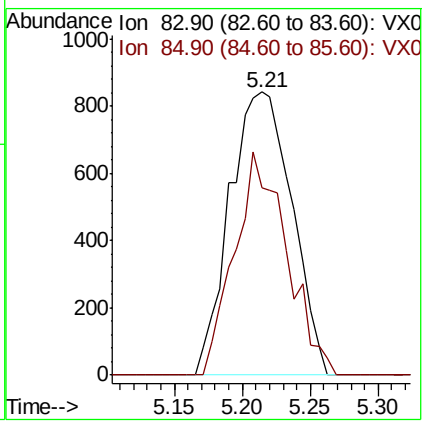


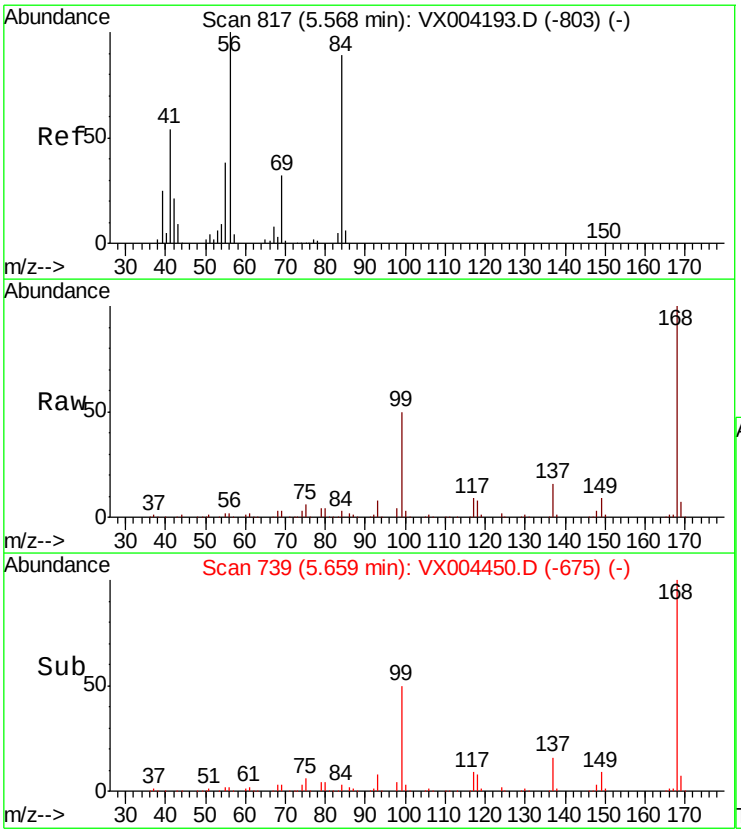
#30
Chloroform
Concen: 0.41 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion: 83 Resp: 2686

Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	79.0

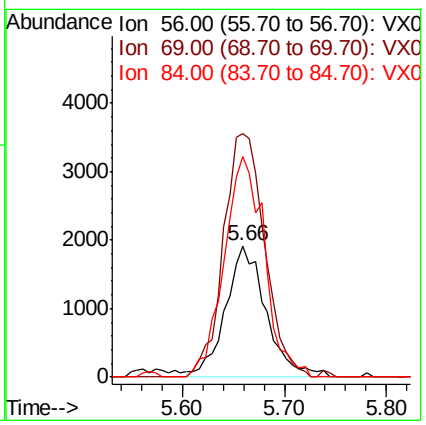


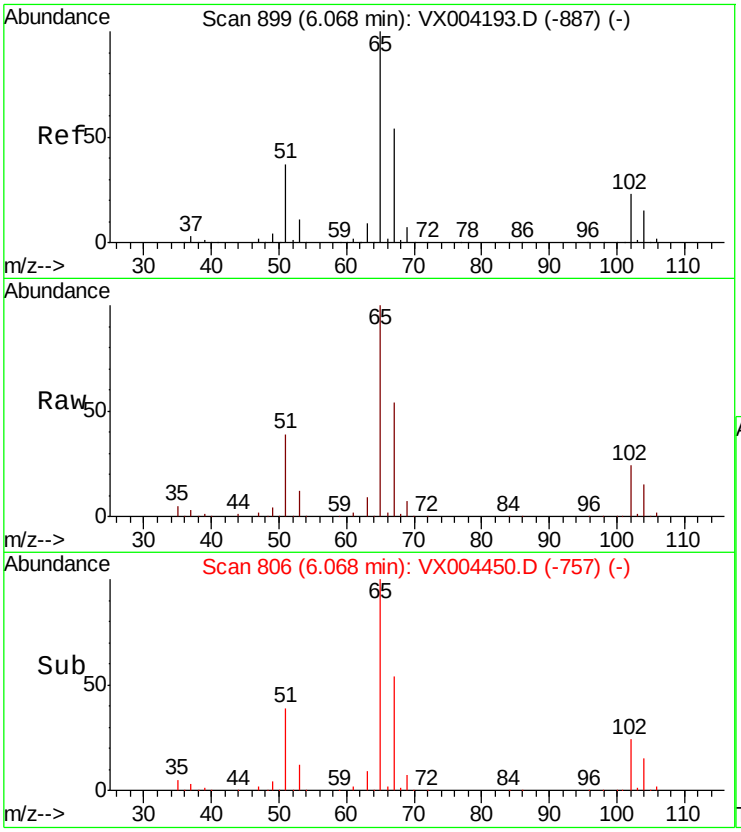


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 56 Resp: 5267

Ion	Ratio	Lower	Upper
56	100		
69	185.1	25.4	38.2#
84	167.9	71.4	107.2#



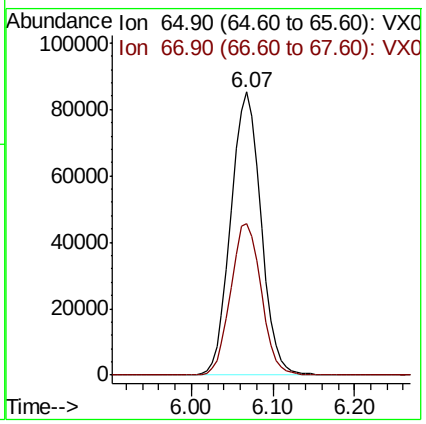


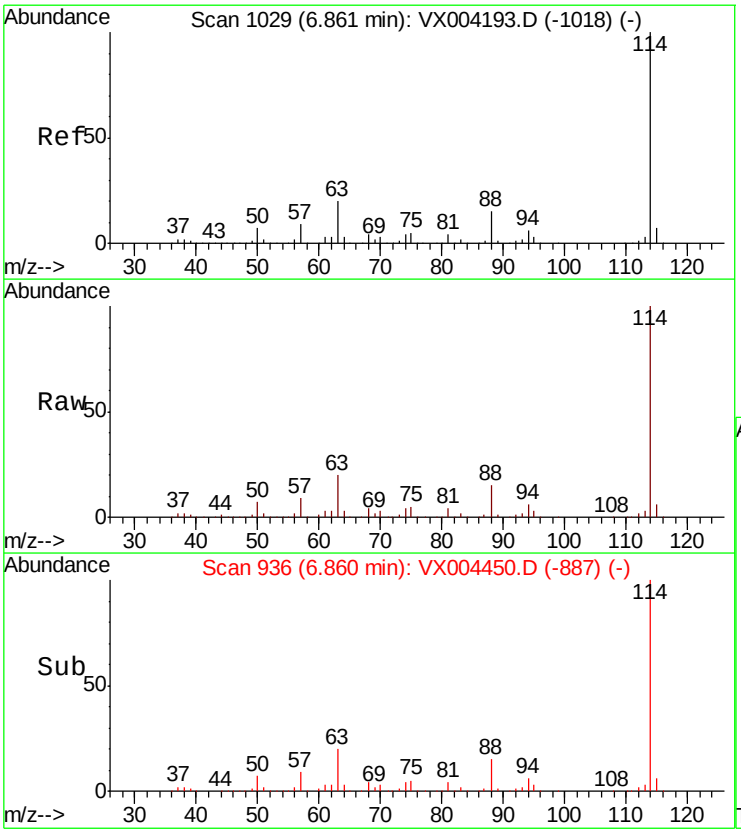
#33
1,2-Dichloroethane-d4
Concen: 54.37 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 65 Resp: 218259

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.8

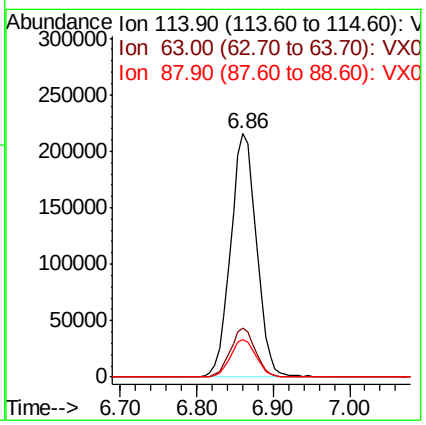


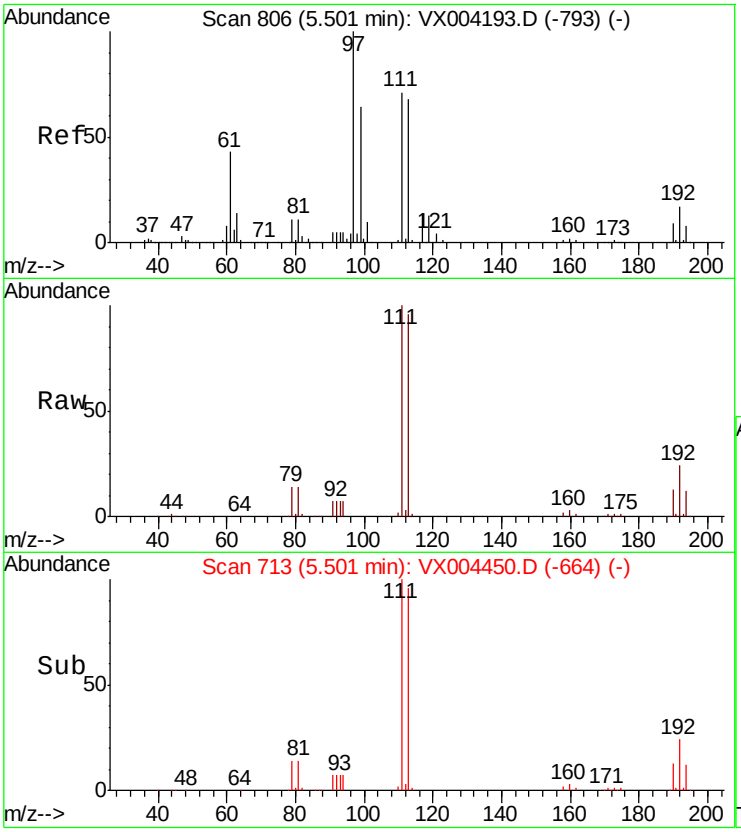


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion:114 Resp: 506732

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.4	0.0	30.4



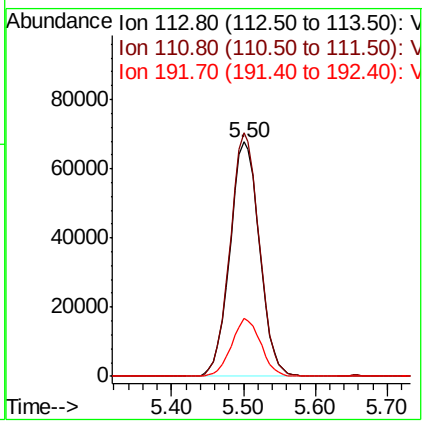


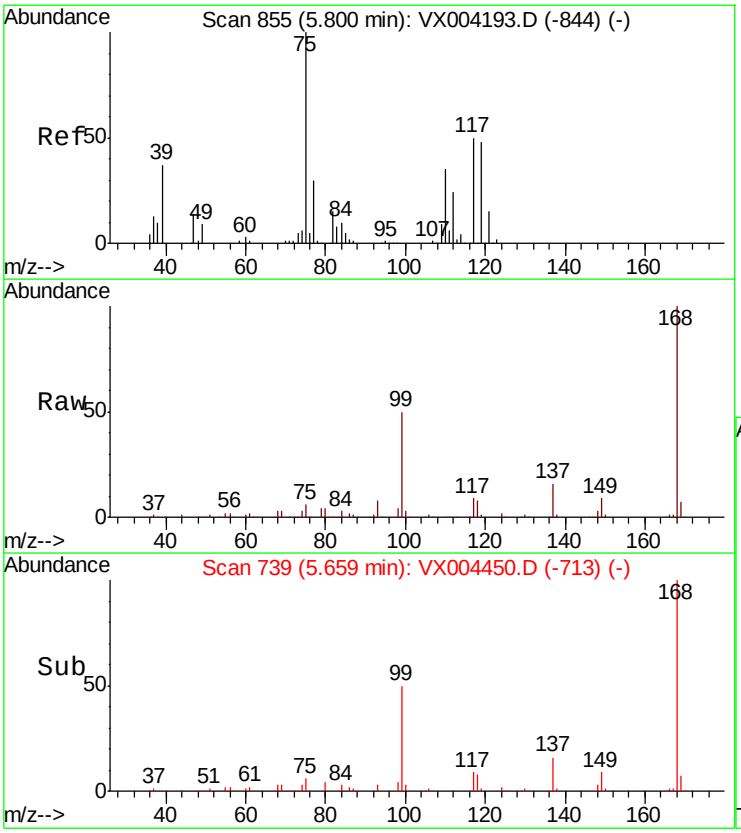
#35
Dibromofluoromethane
Concen: 51.39 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion:113 Resp: 193743

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	24.3	19.4	29.2

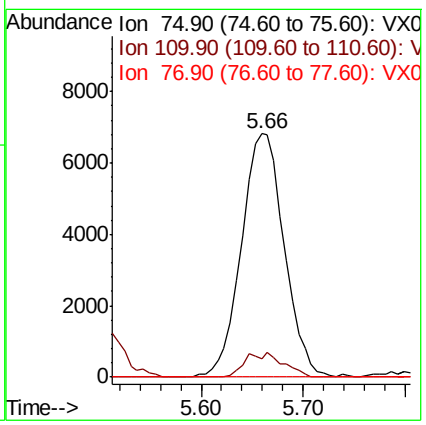


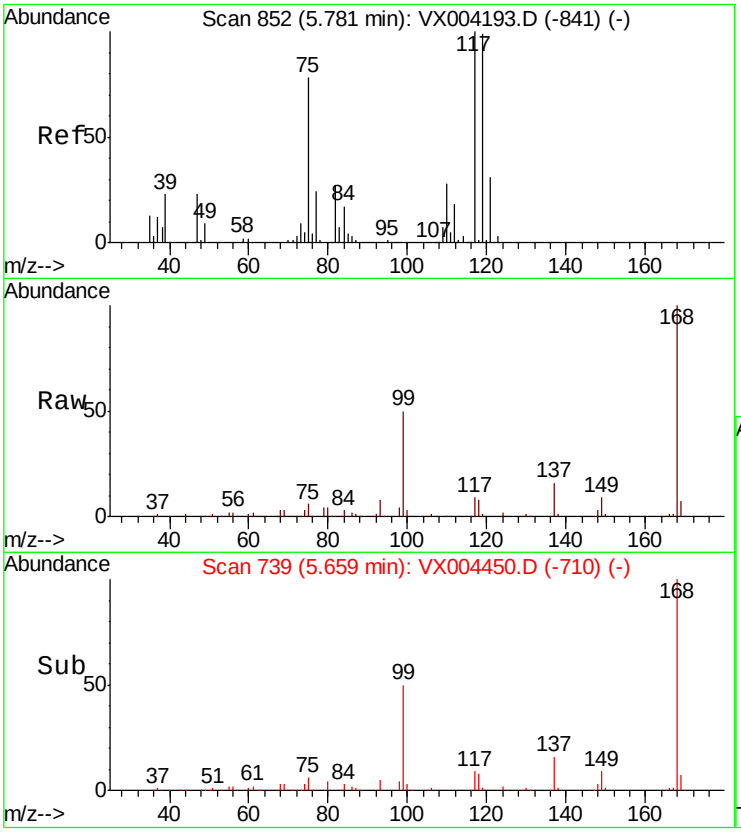


#36
1,1-Dichloropropene
Concen: 3.48 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 75 Resp: 19823

Ion	Ratio	Lower	Upper
75	100		
110	4.4	18.0	54.0#
77	0.0	24.6	36.8#



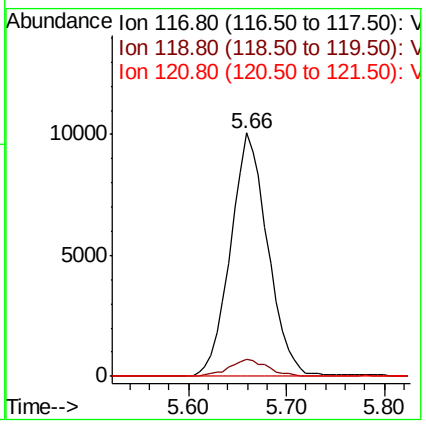


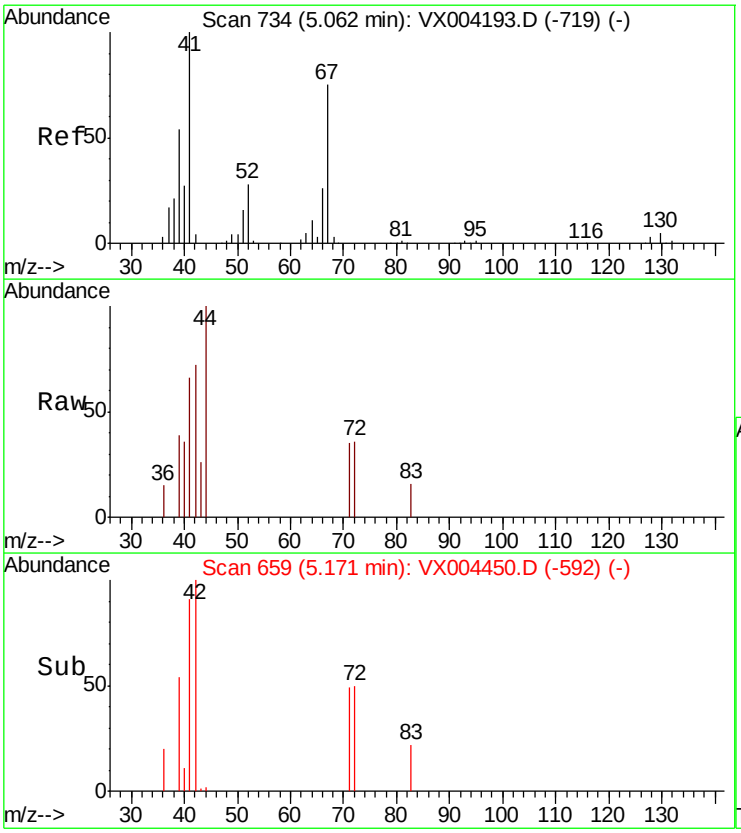
#38
Carbon Tetrachloride
Concen: 4.95 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion:117 Resp: 26544

Ion	Ratio	Lower	Upper
117	100		
119	6.8	78.8	118.2#
121	0.0	24.9	37.3#

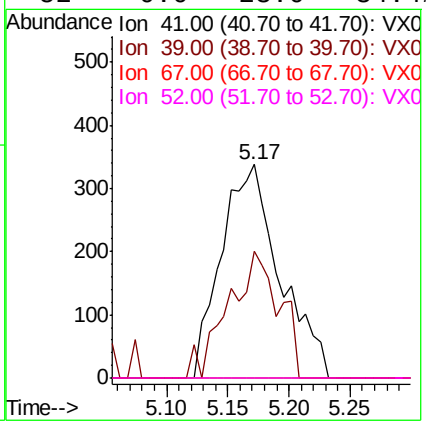


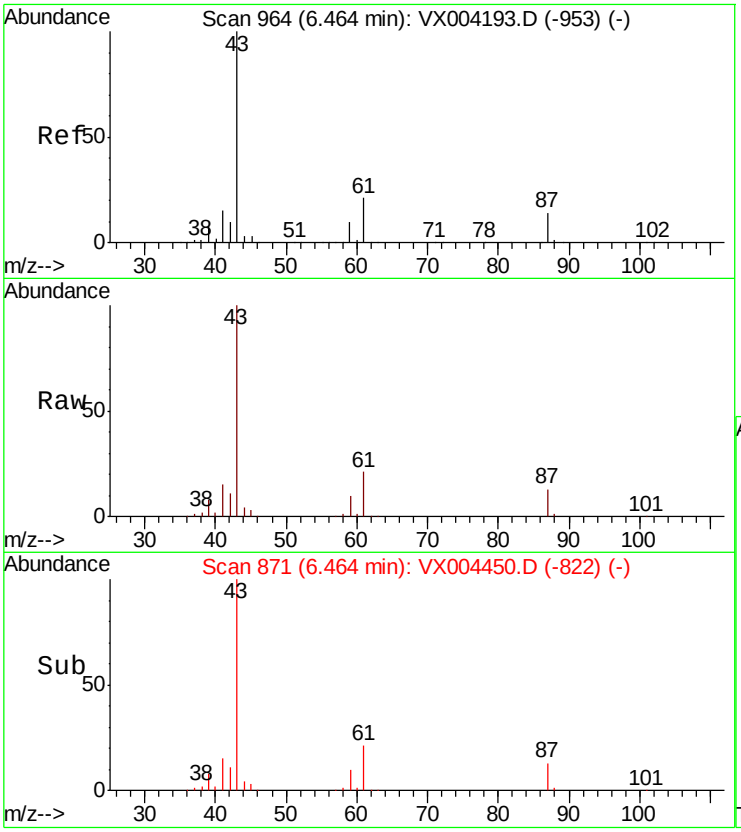


#41
Methacrylonitrile
Concen: 0.35 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 41 Resp: 1127

Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



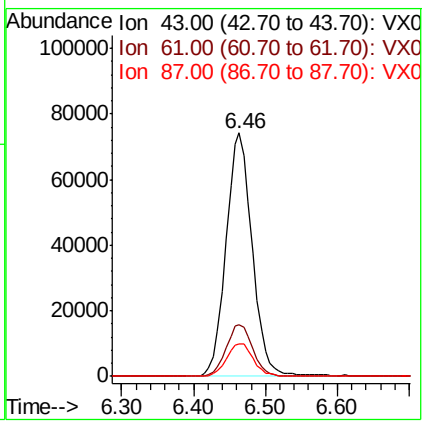


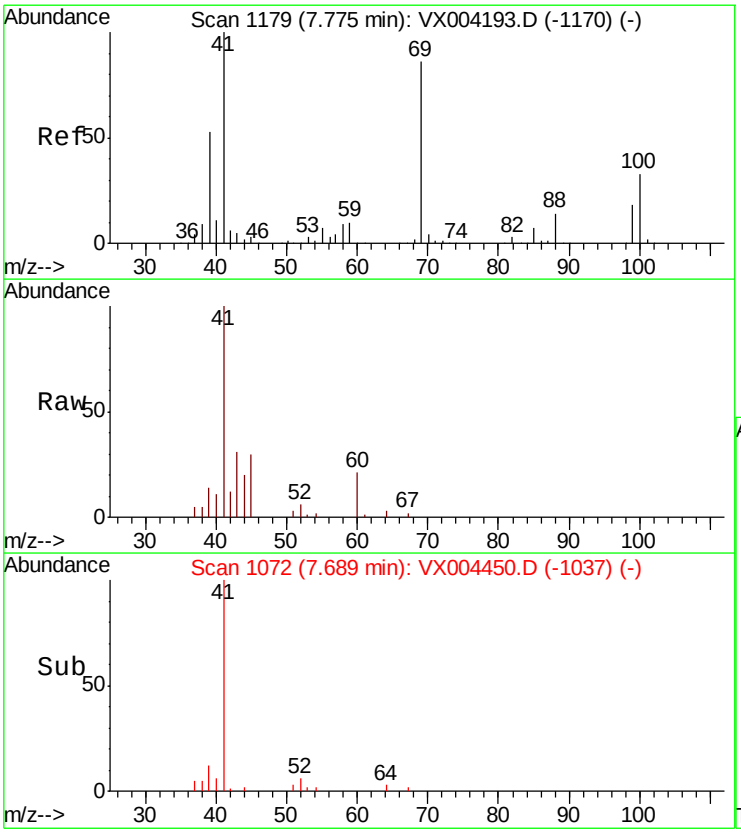
#43
Isopropyl Acetate
Concen: 21.76 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 43 Resp: 187298

Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	13.9	11.4	17.2

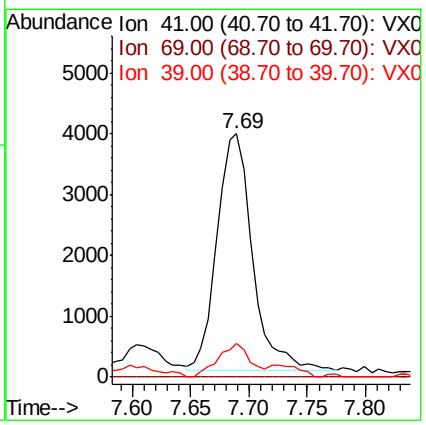


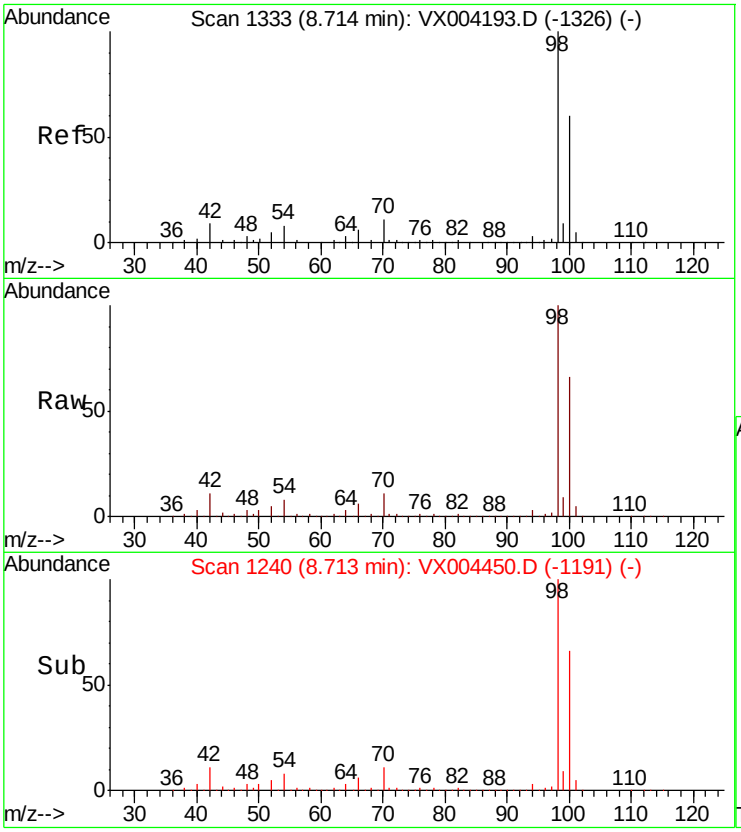


#48
Methyl methacrylate
Concen: 1.80 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 41 Resp: 8282

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	12.8	42.7	64.1#



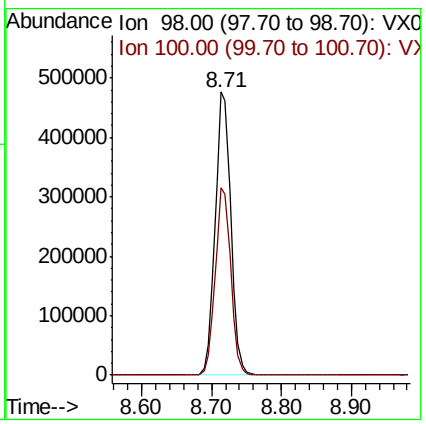


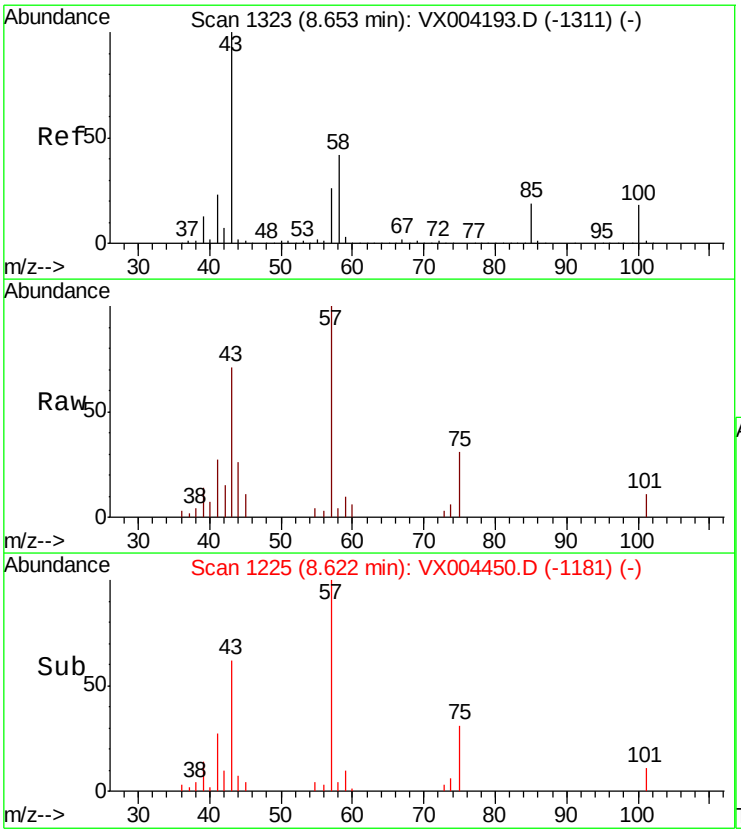
#50
Toluene-d8
Concen: 52.03 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 98 Resp: 740331

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

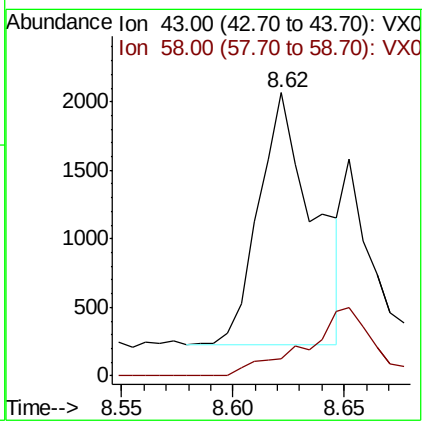


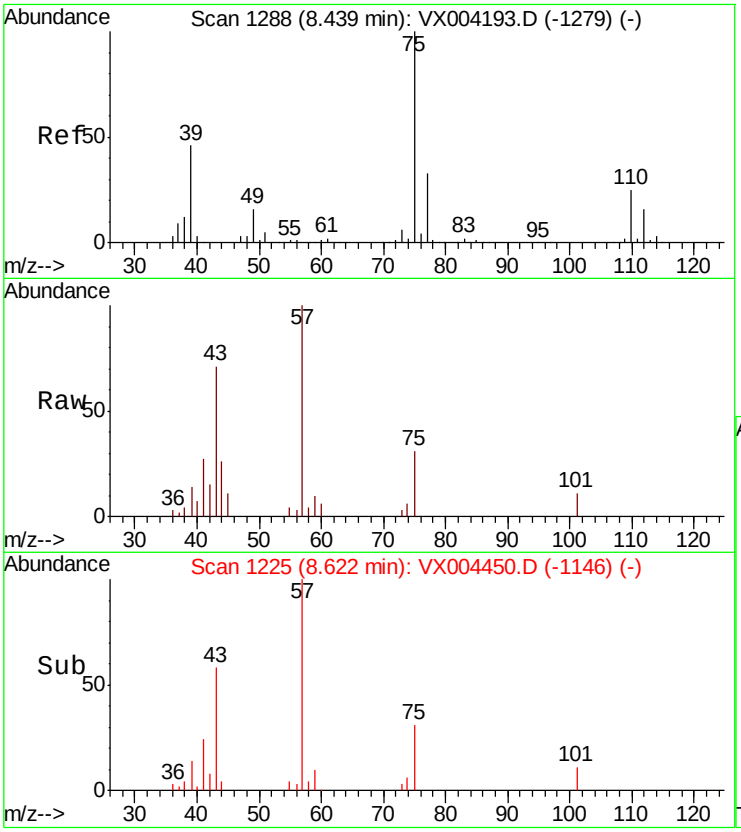


#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 43 Resp: 3143

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#



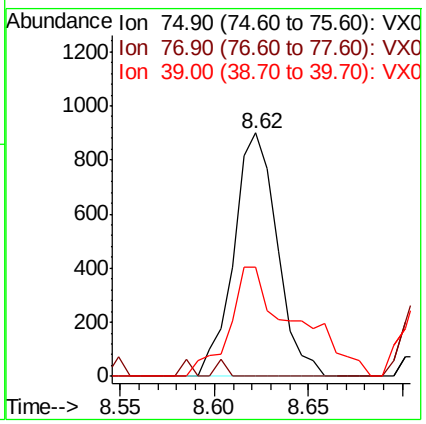


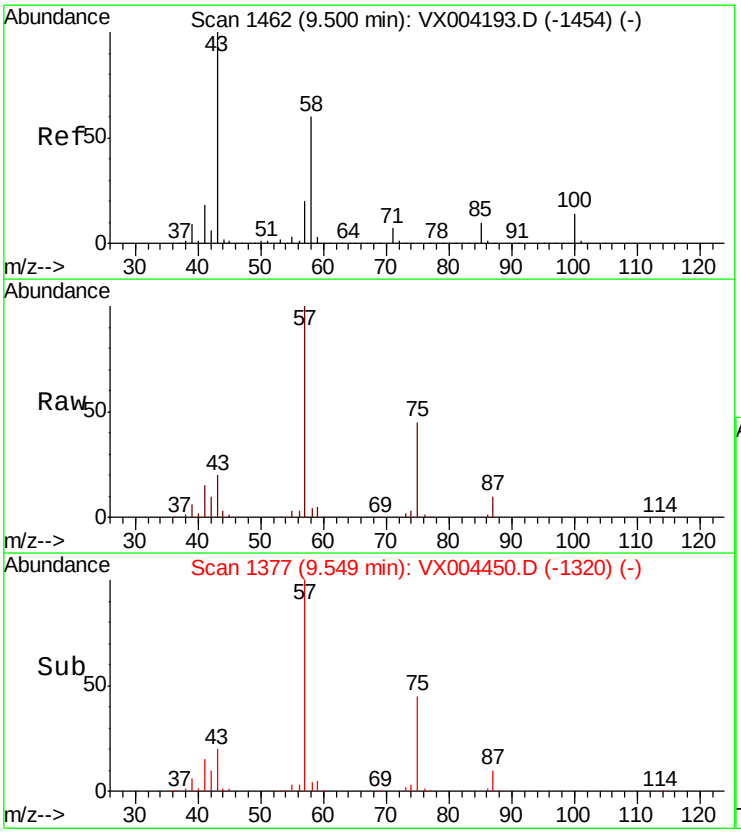
#54
cis-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion: 75 Resp: 1439

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	44.9	36.4	54.6

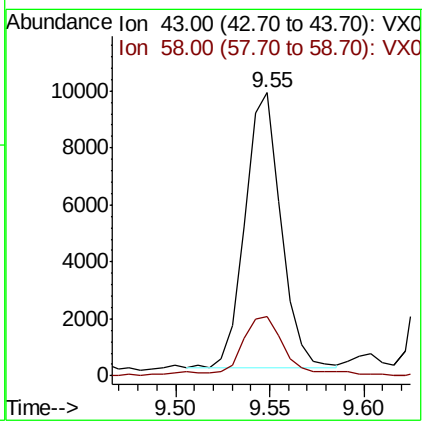


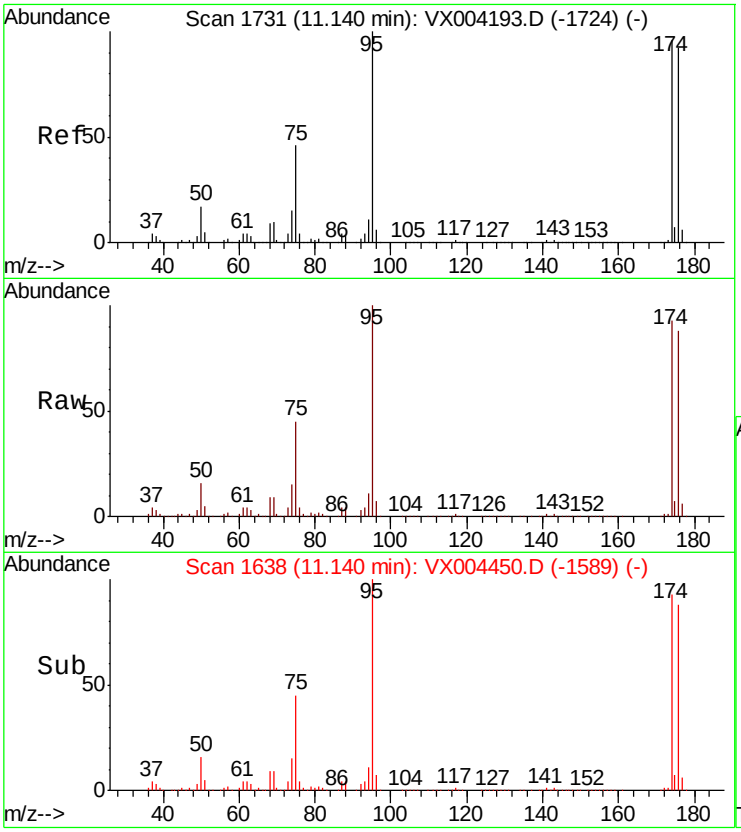


#59
2-Hexanone
Concen: 2.66 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 43 Resp: 12684

Ion	Ratio	Lower	Upper
43	100		
58	26.3	29.0	87.0#



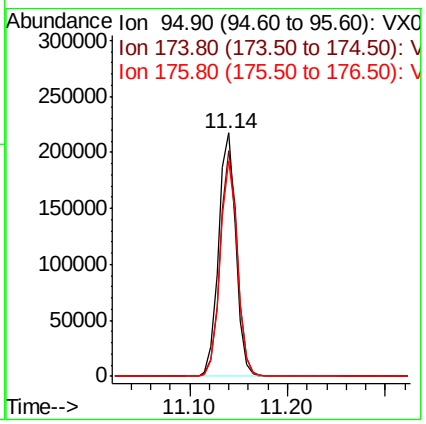


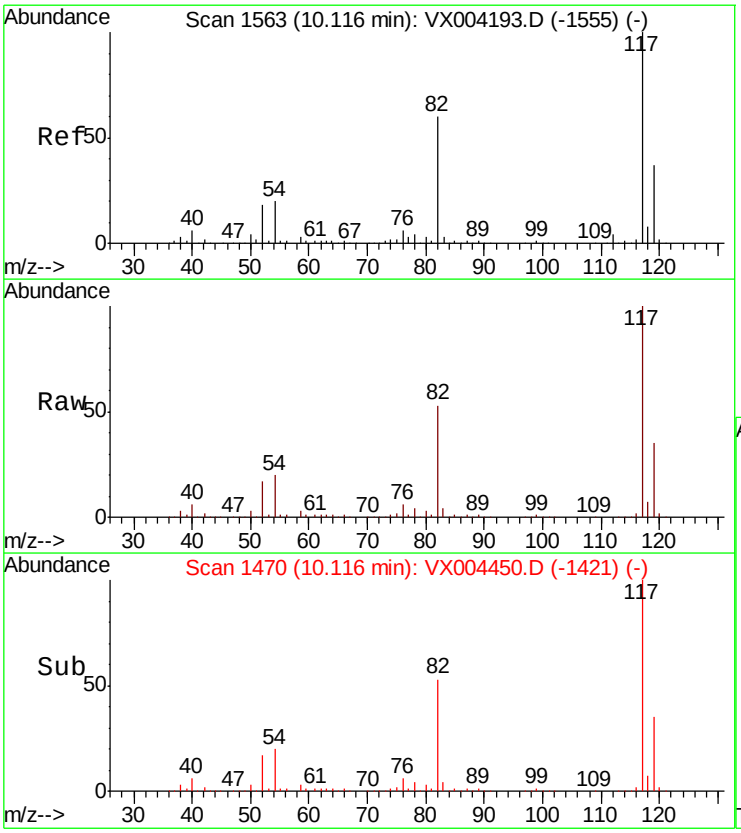
#62
4-Bromofluorobenzene
Concen: 50.20 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 95 Resp: 266532

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.2
176	88.3	0.0	178.6

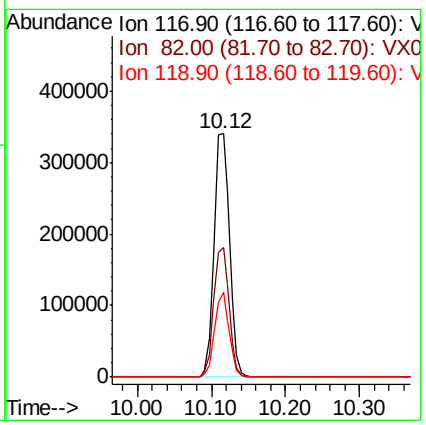


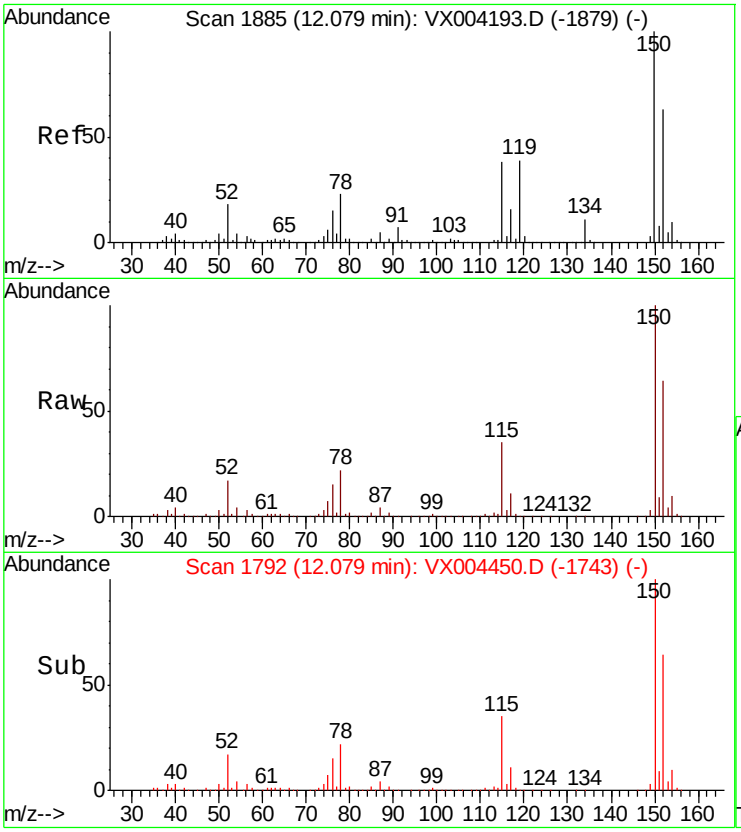


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion:117 Resp: 483156

Ion	Ratio	Lower	Upper
117	100		
82	53.4	47.8	71.6
119	34.9	29.3	43.9



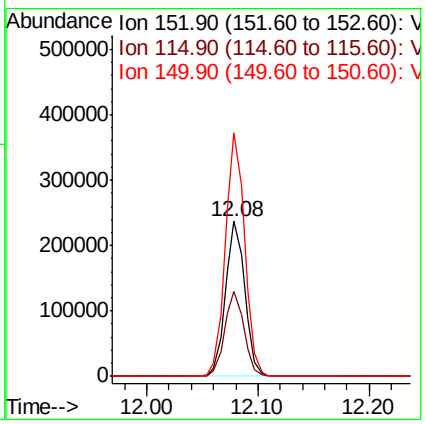


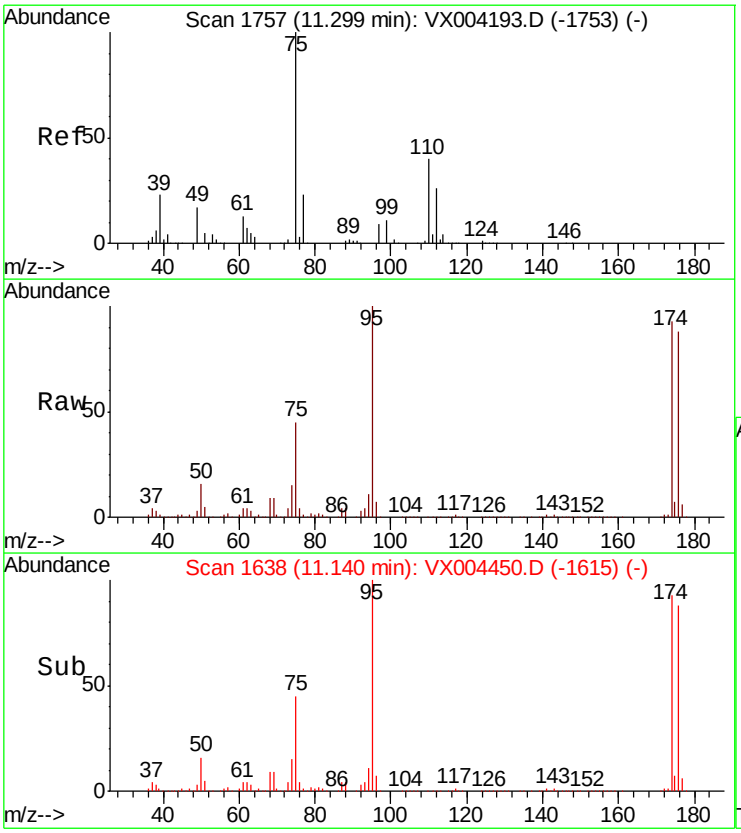
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#07

Tgt Ion:152 Resp: 283213

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	157.2	0.0	351.0

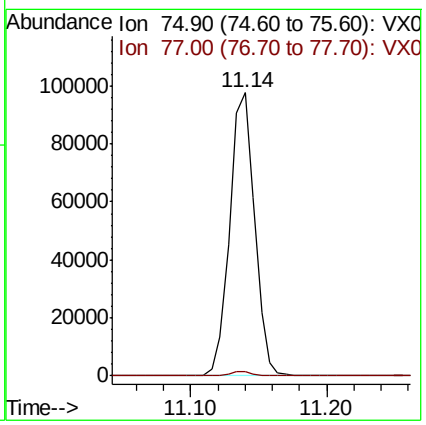


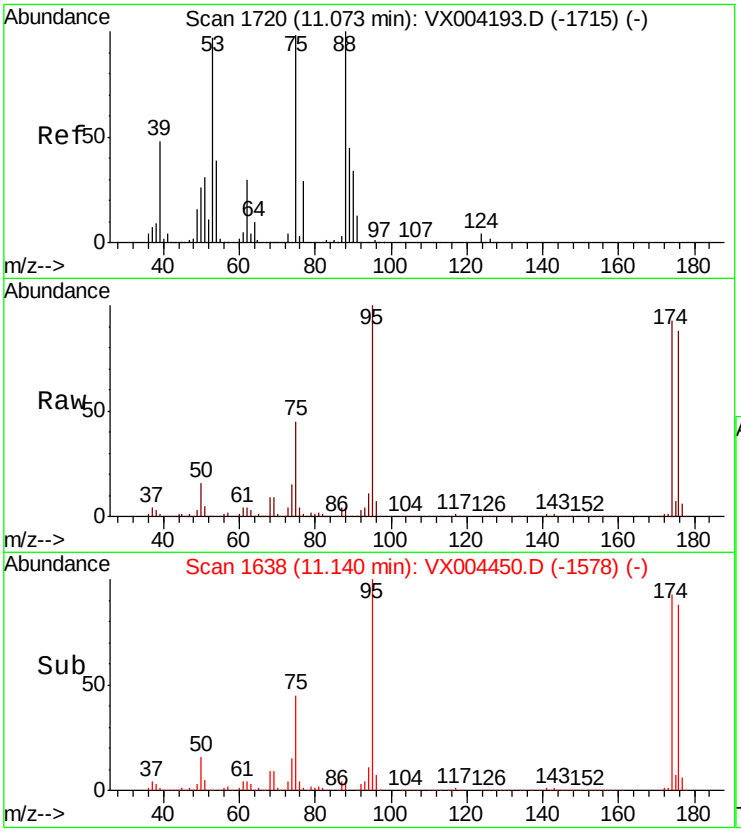


#76
1,2,3-Trichloropropane
Concen: 21.57 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Tgt Ion: 75 Resp: 124269

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.00 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004450.D
Acq: 10 Sep 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#07

Tgt Ion: 75 Resp: 124269

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