Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004461.D
Acq On : 10 Sep 2018 20:48
Operator : JC/MD
Sample : J4769-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Quant Time: Sep 11 01:24:00 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	295149	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	489375	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	454936	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270583	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	209922	54.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.14%				
35) Dibromofluoromethane	5.50	113	186481	51.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.44%				
50) Toluene-d8	8.71	98	707380	51.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.96%				
62) 4-Bromofluorobenzene	11.14	95	252996	49.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.68%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	621	0.45	ug/l	#	60
5) Bromomethane	1.64	94	355	Below Cal		#	64
6) Chloroethane	1.70	64	38	0.98	ug/l	#	44
10) Methyl Iodide	2.51	142	53	4.28	ug/l	#	41
11) Tert butyl alcohol	3.07	59	4126	5.03	ug/l	#	92
13) Acrolein	2.29	56	445	2.25	ug/l	#	82
16) Acetone	2.45	43	27851	9.98	ug/l		97
17) Carbon Disulfide	2.56	76	448	0.85	ug/l	#	81
18) Methyl Acetate	2.78	43	10590	1.86	ug/l		98
20) Methylene Chloride	2.85	84	22371	6.04	ug/l		97
25) 2-Butanone	4.71	43	4912	Below Cal			100
29) Tetrahydrofuran	5.17	42	1460	0.88	ug/l		94
30) Chloroform	5.22	83	3655	0.58	ug/l	#	82
31) Cyclohexane	5.66	56	4906	0.91	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	18747	3.41	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	25561	4.94	ug/l	#	17
43) Isopropyl Acetate	6.46	43	152787	18.38	ug/l		99
48) Methyl methacrylate	7.69	41	7974	1.79	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	1414	0.23	ug/l	#	53
74) N-amyl acetate	10.83	43	1713	0.25	ug/l	#	53
76) 1,2,3-Trichloropropane	11.14	75	118312	21.50	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	118312	69.75	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	4221	0.28	ug/l		96
94) Hexachlorobutadiene	13.79	225	78	Below Cal		#	20
95) Naphthalene	13.83	128	78525	4.45	ug/l		99

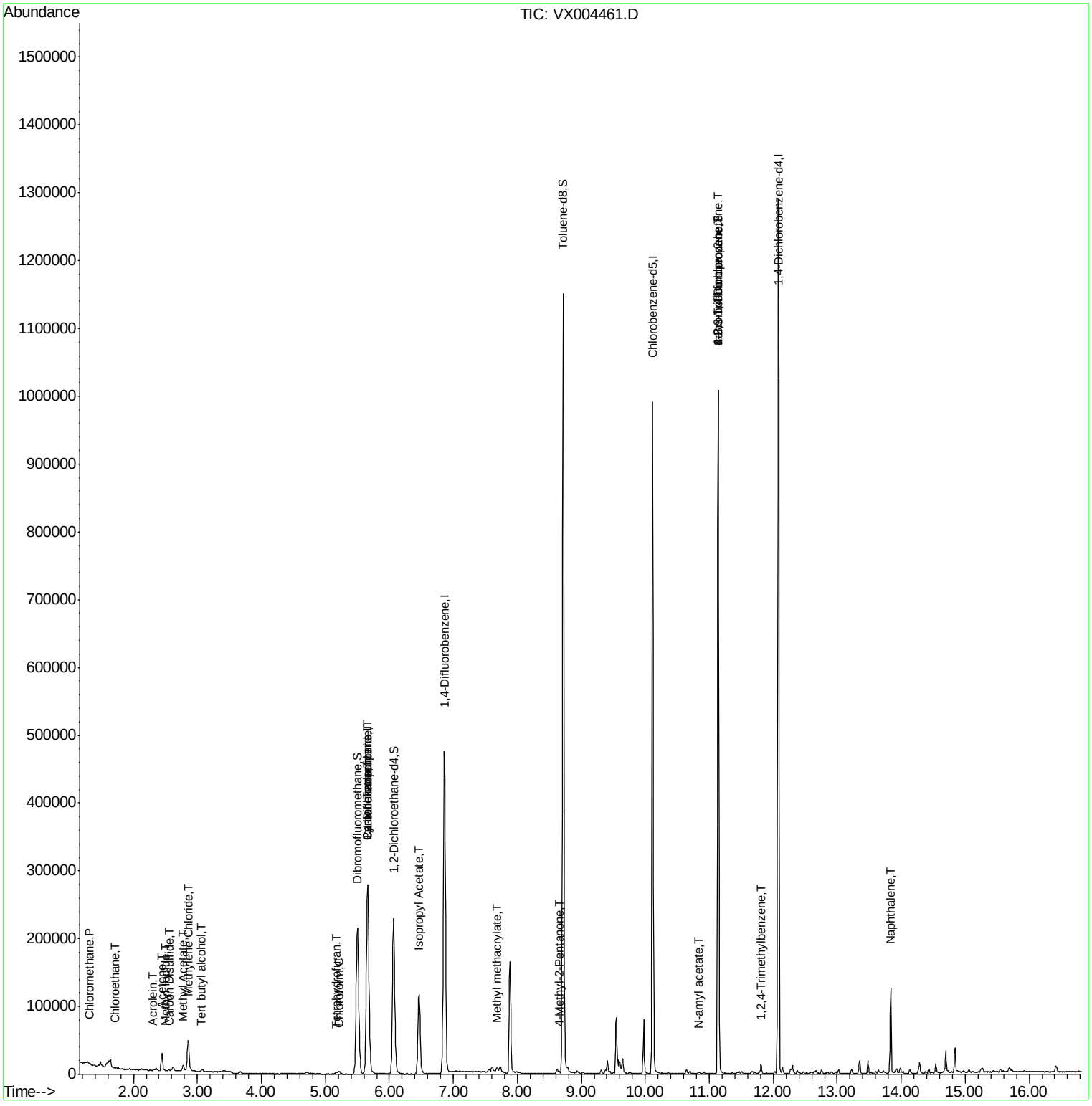
(#) = qualifier out of range (m) = manual integration (+) = signals summed

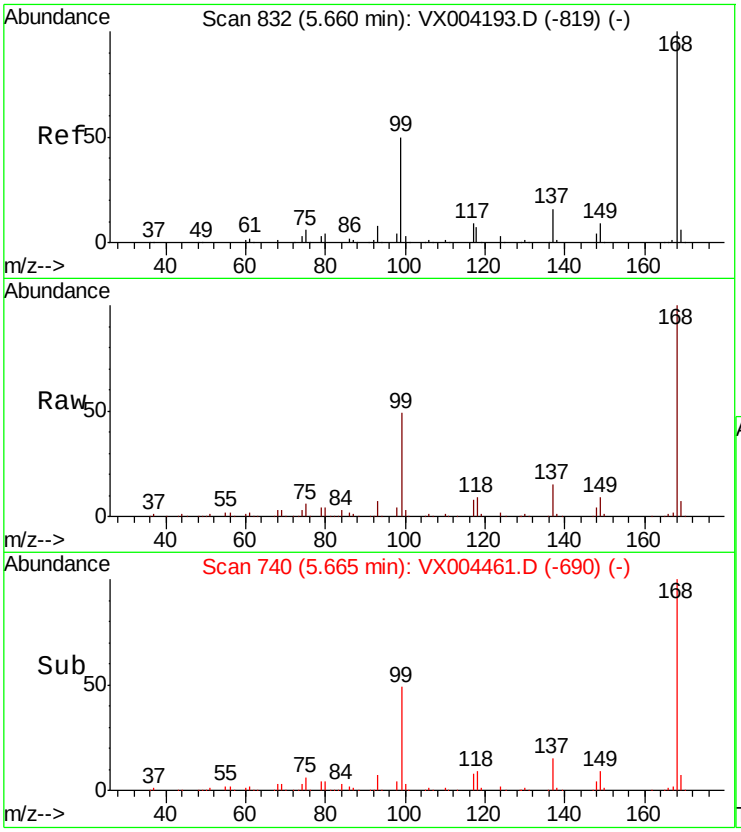
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
Data File : VX004461.D
Acq On : 10 Sep 2018 20:48
Operator : JC/MD
Sample : J4769-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Quant Time: Sep 11 01:24:00 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



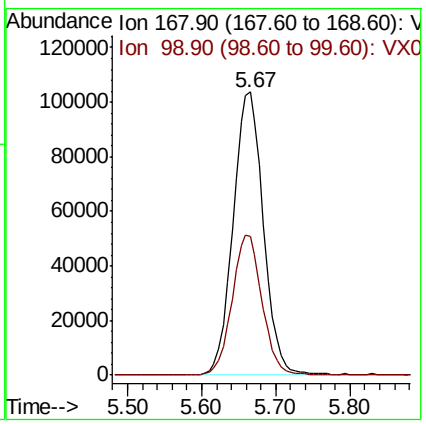


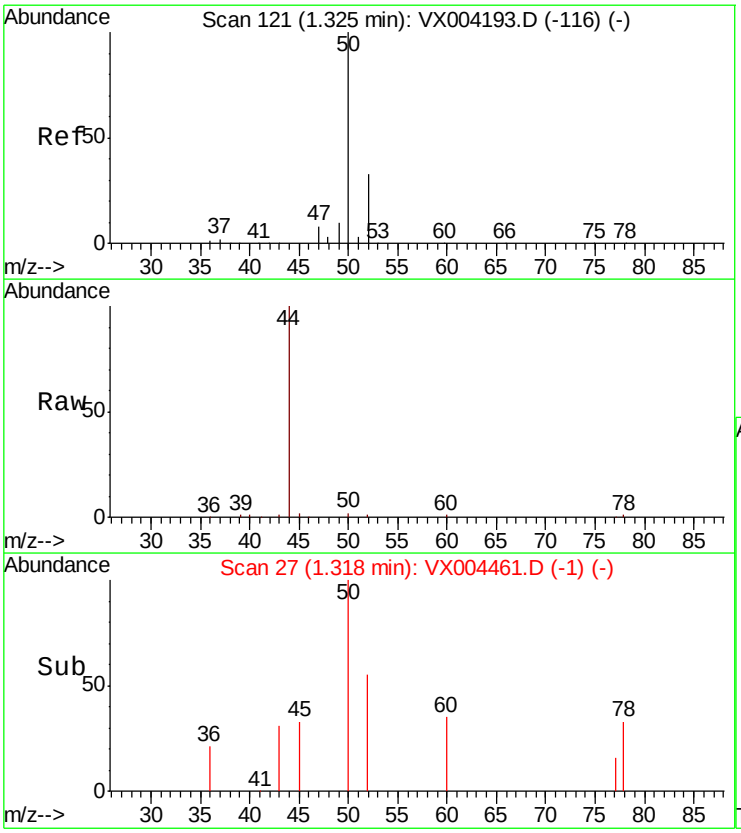
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion:168 Resp: 295149

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.9	59.9

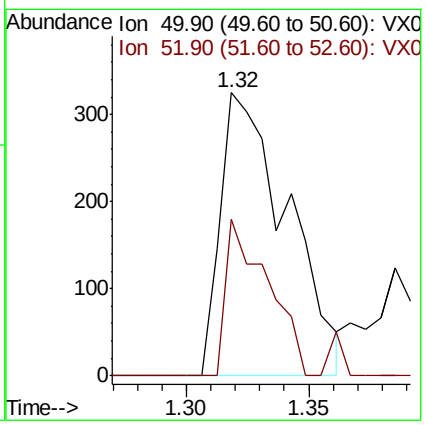


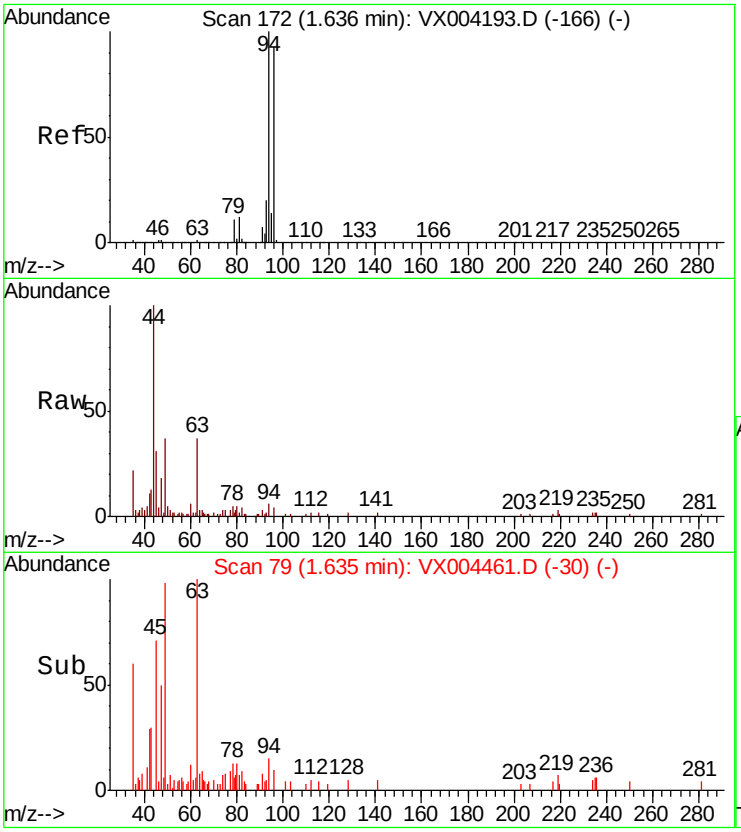


#3
Chloromethane
Concen: 0.45 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 50 Resp: 621

Ion	Ratio	Lower	Upper
50	100		
52	55.4	26.2	39.2#



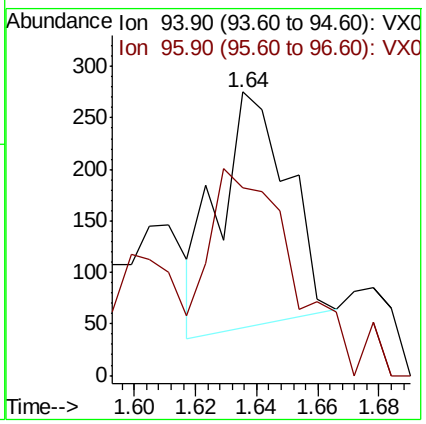


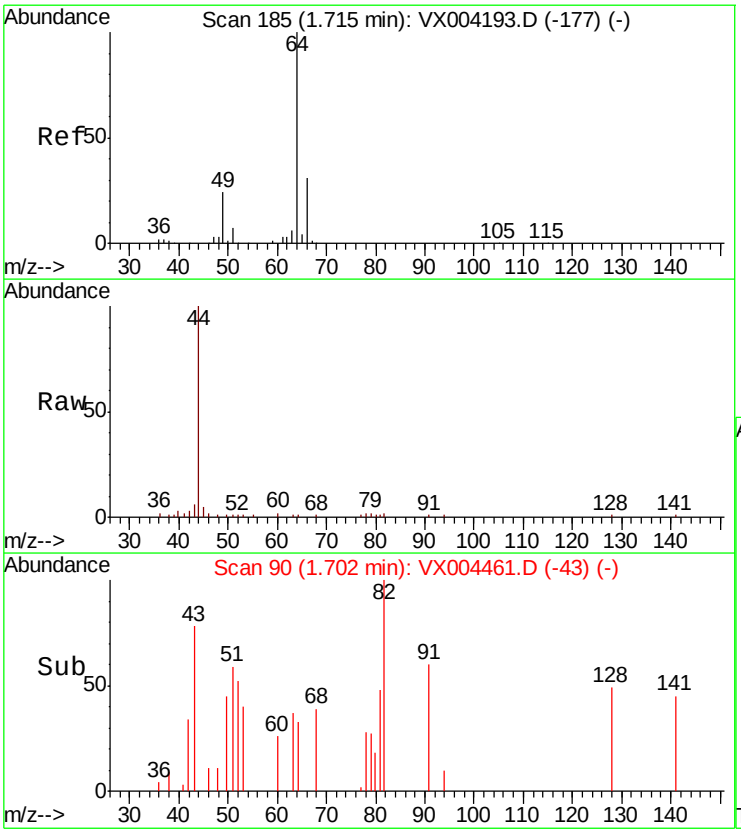
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 94 Resp: 355

Ion	Ratio	Lower	Upper
94	100		
96	58.8	74.5	111.7#

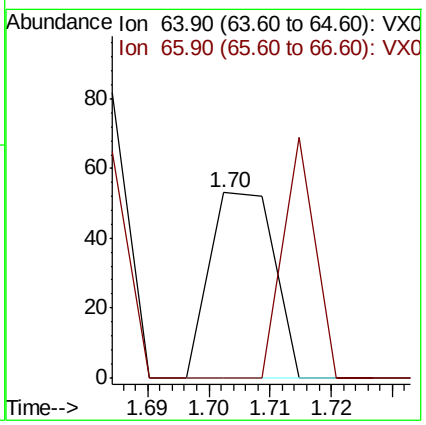


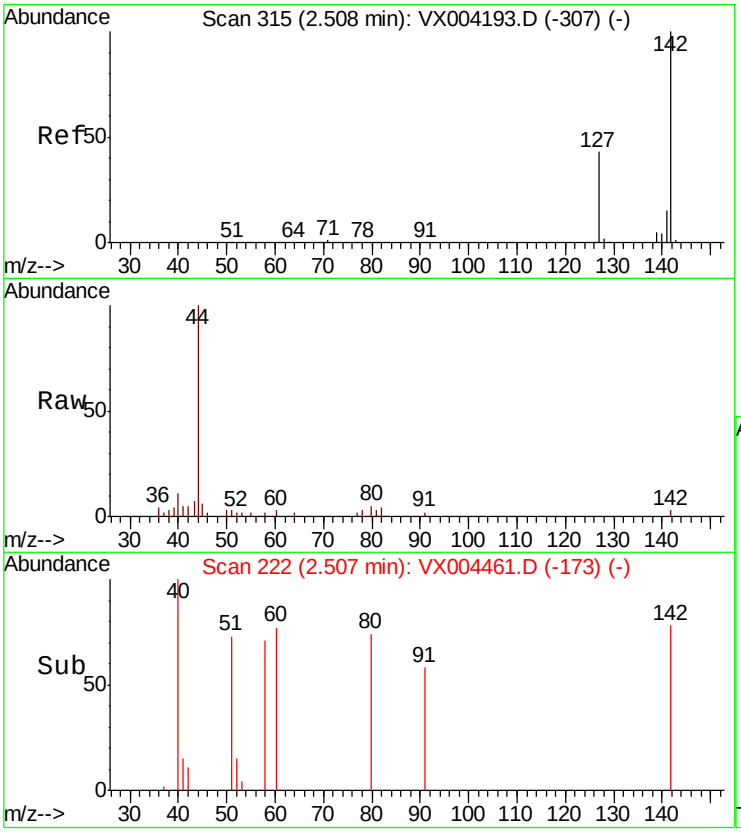


#6
Chloroethane
Concen: 0.98 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 64 Resp: 38

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



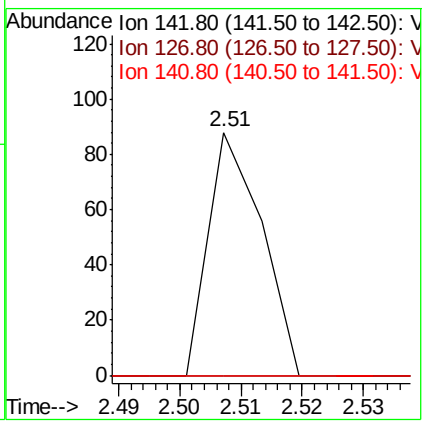


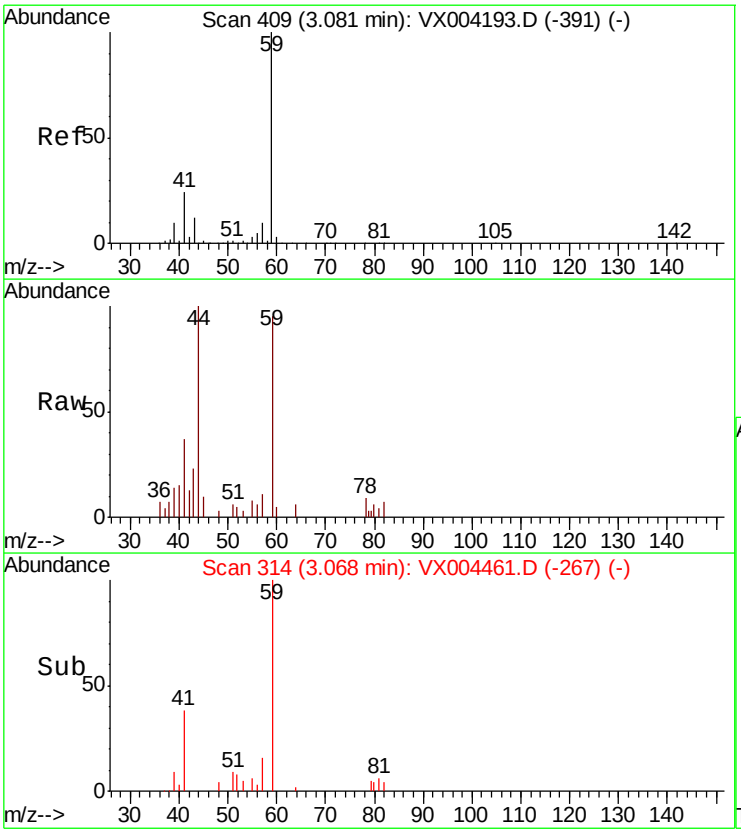
#10
Methyl Iodide
Concen: 4.28 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Tgt Ion:142 Resp: 53

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

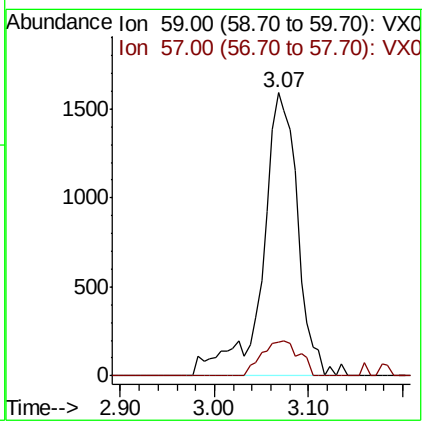


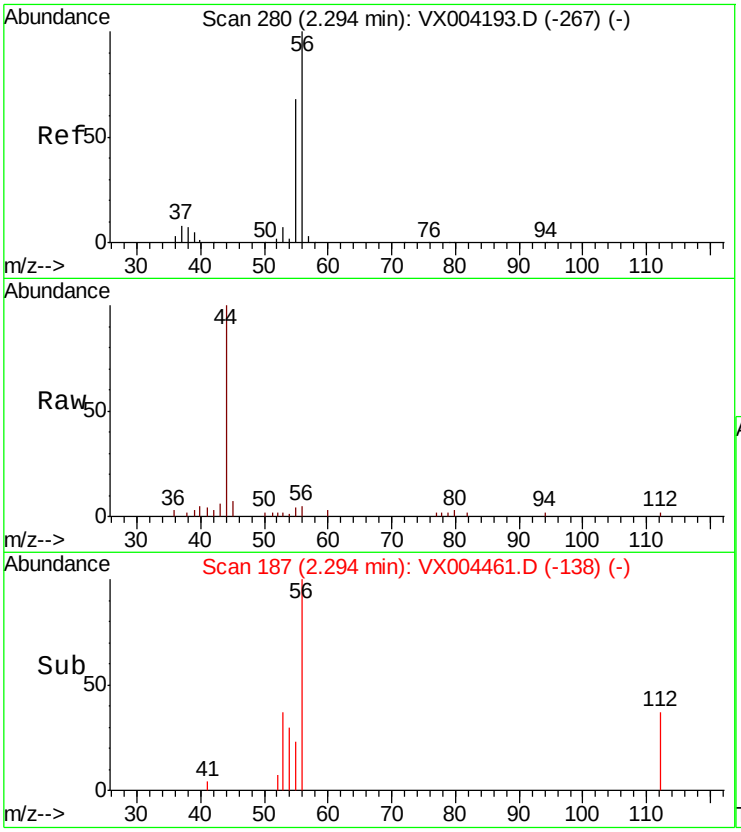


#11
Tert butyl alcohol
Concen: 5.03 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 59 Resp: 4126

Ion	Ratio	Lower	Upper
59	100		
57	13.2	8.2	12.4#



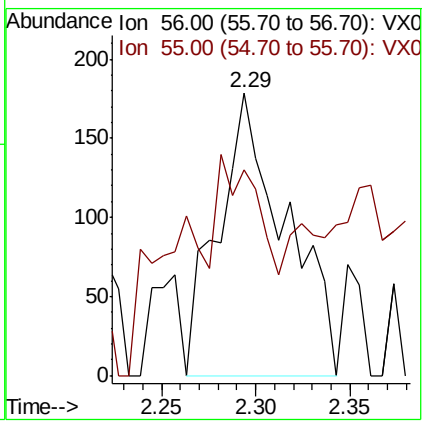


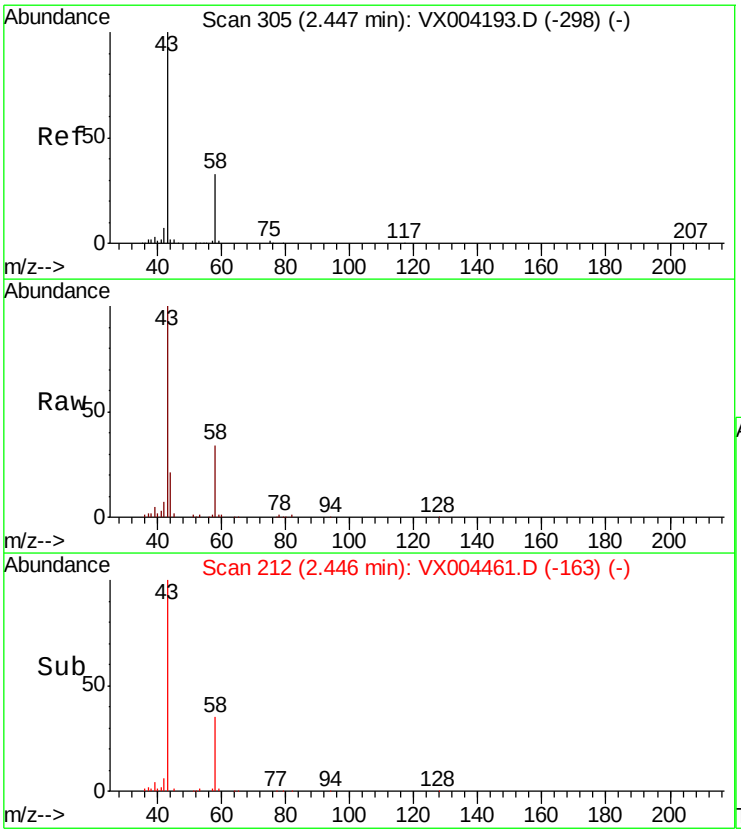
#13
Acrolein
Concen: 2.25 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Tgt Ion: 56 Resp: 445

Ion	Ratio	Lower	Upper
56	100		
55	53.7	54.7	82.1#

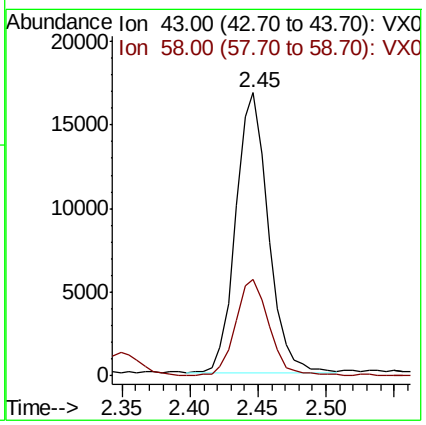


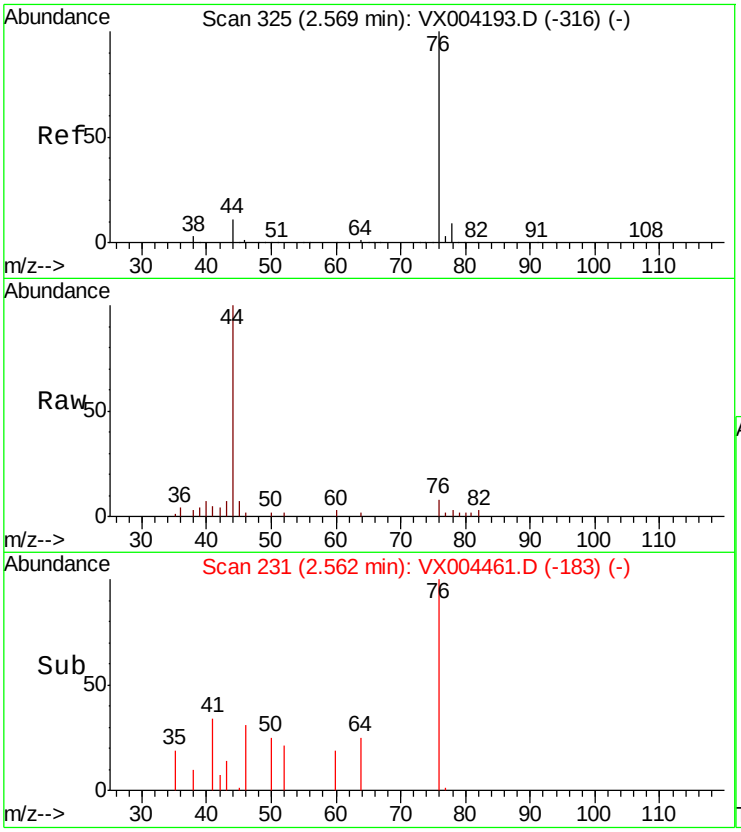


#16
Acetone
Concen: 9.98 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 27851

Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.2	39.4



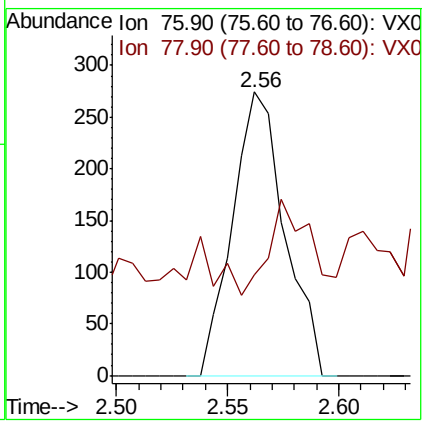


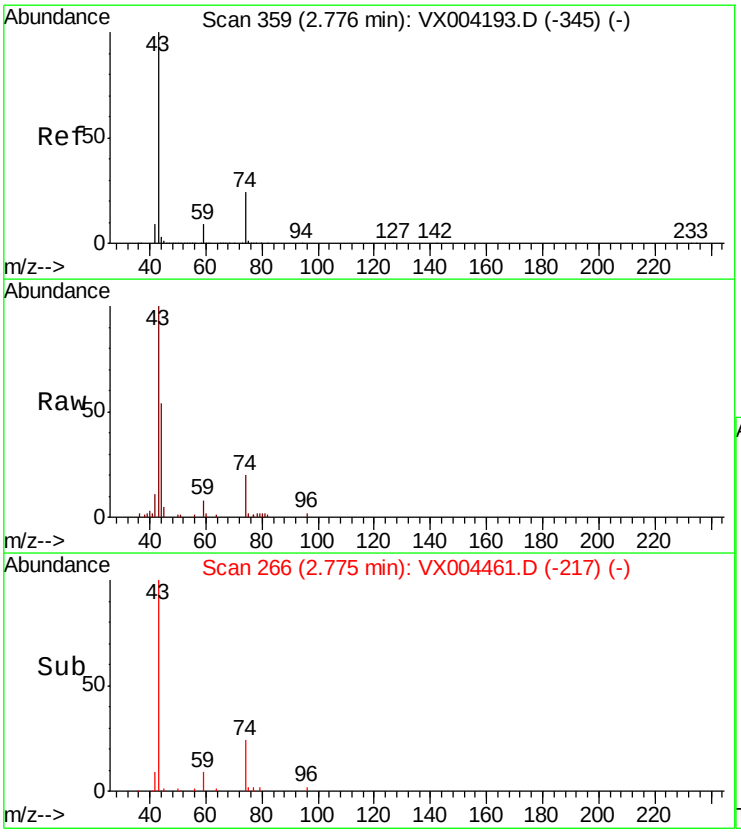
#17
Carbon Disulfide
Concen: 0.85 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Tgt Ion: 76 Resp: 448

Ion	Ratio	Lower	Upper
76	100		
78	1.8	7.0	10.6#

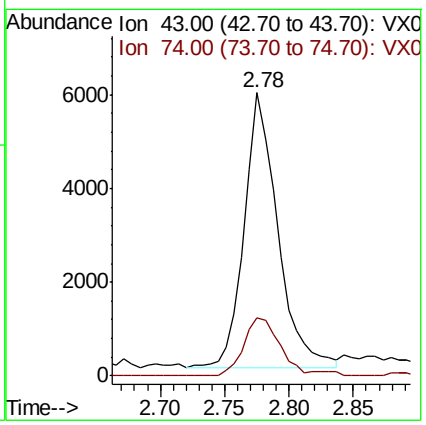


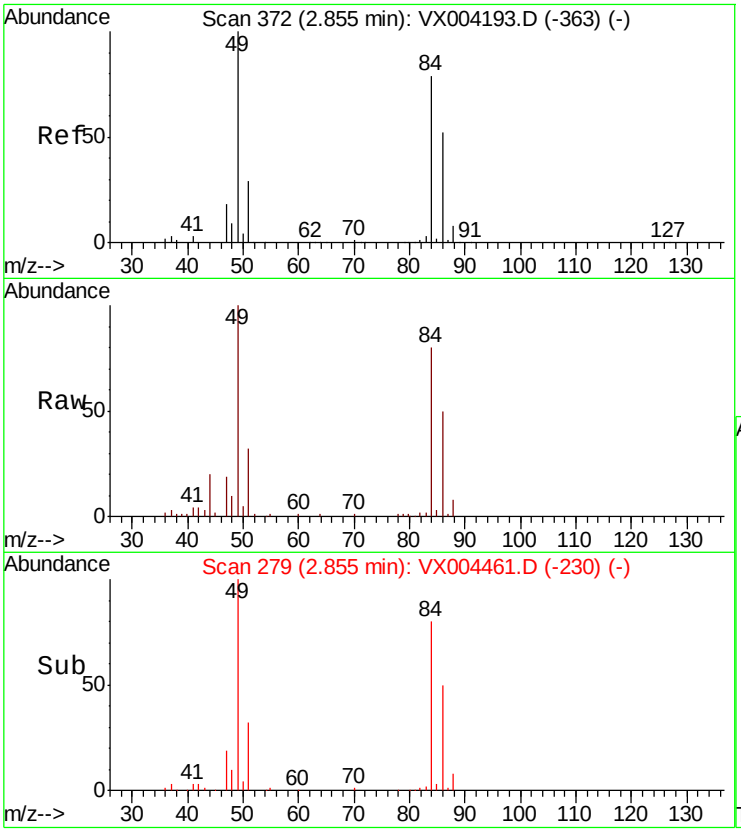


#18
Methyl Acetate
Concen: 1.86 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 10590

Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.4	29.2



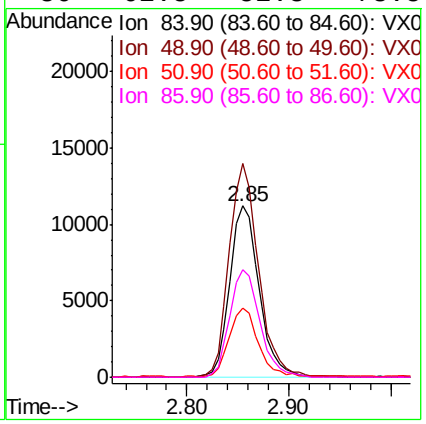


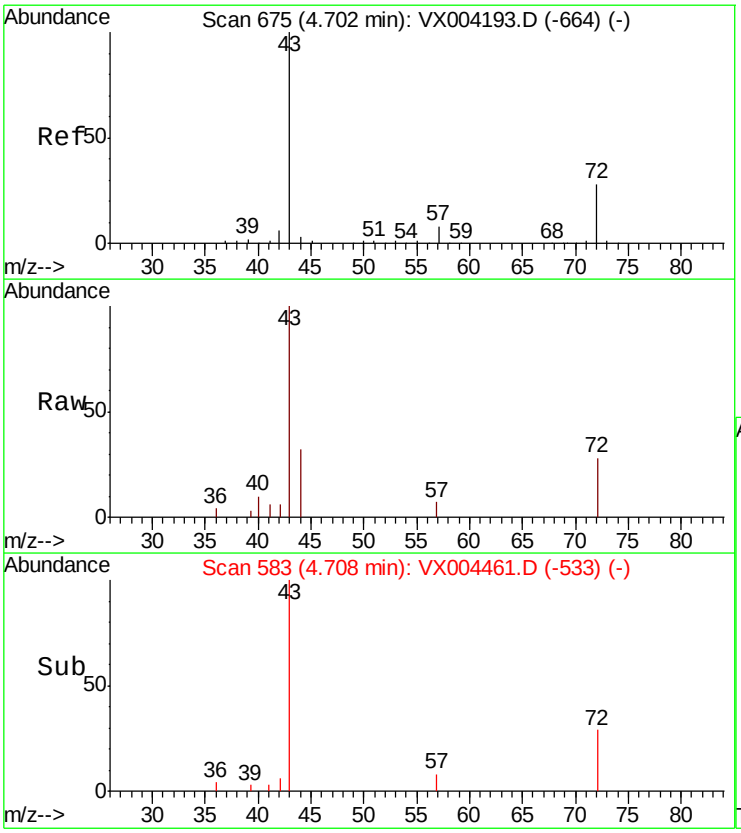
#20
Methylene Chloride
Concen: 6.04 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Tgt Ion: 84 Resp: 22371

Ion	Ratio	Lower	Upper
84	100		
49	124.8	101.2	151.8
51	39.6	29.5	44.3
86	62.5	52.3	78.5

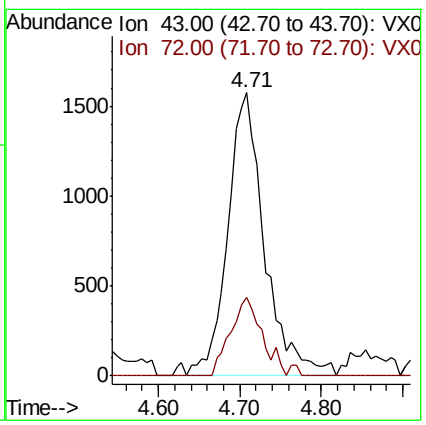


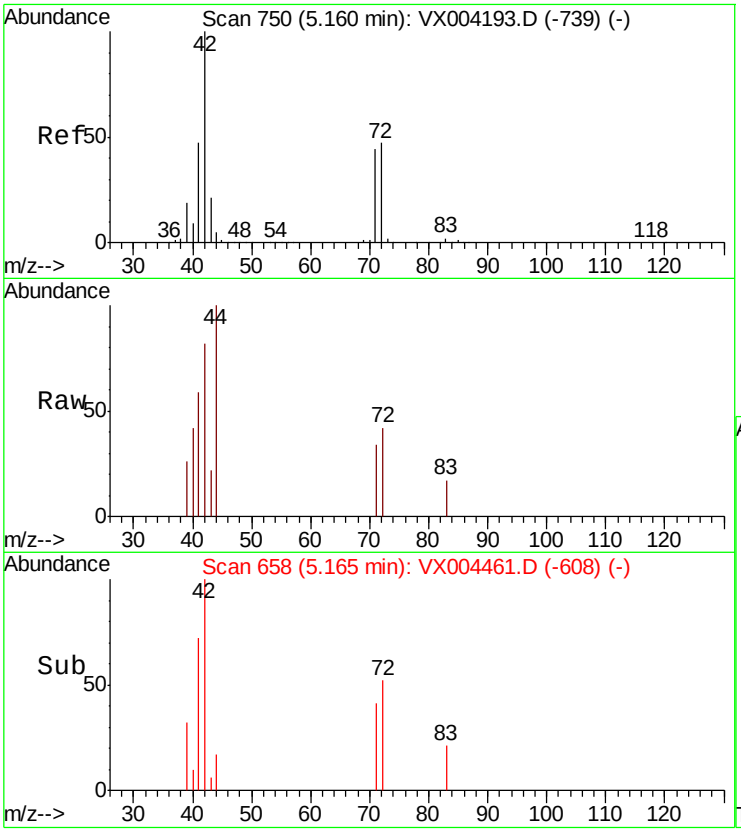


#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 4912

Ion	Ratio	Lower	Upper
43	100		
72	27.6	22.0	33.0



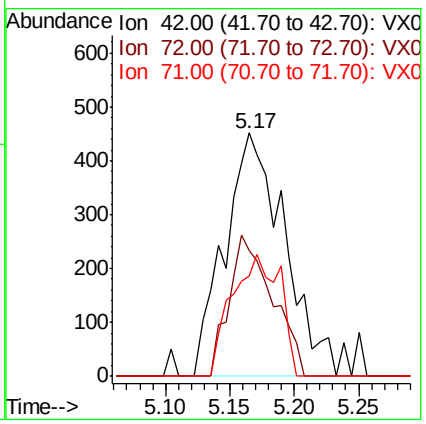


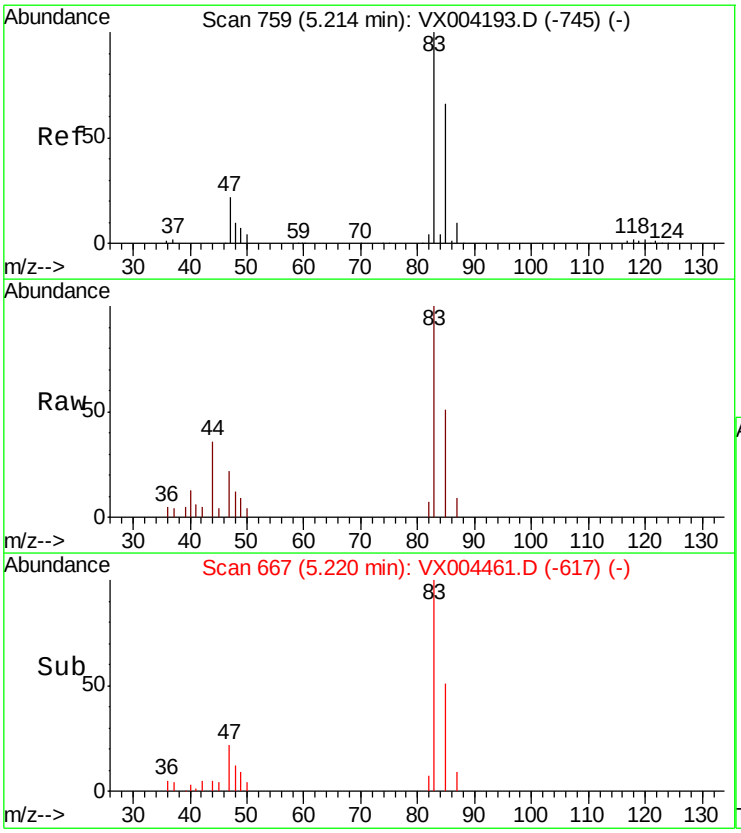
#29
Tetrahydrofuran
Concen: 0.88 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 42 Resp: 1460

Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.0
71	40.1	34.5	51.7

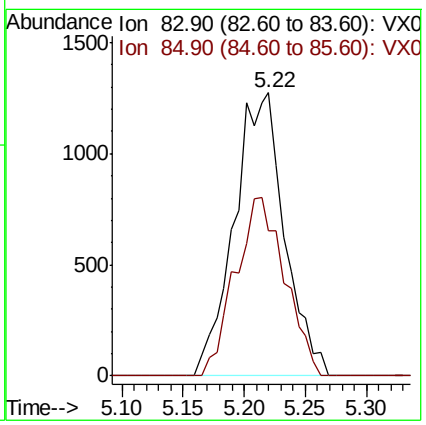


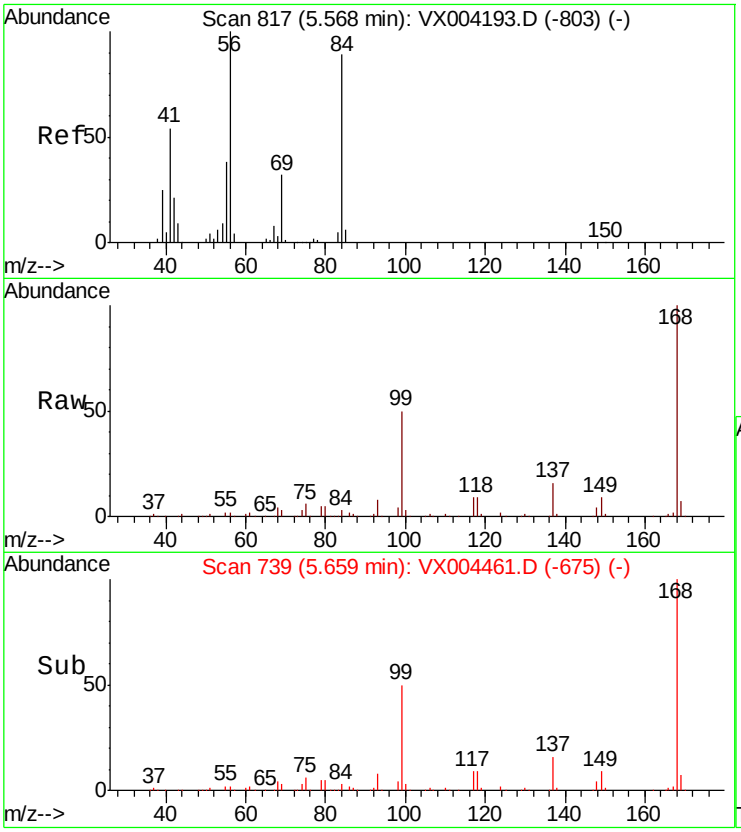


#30
Chloroform
Concen: 0.58 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 83 Resp: 3655

Ion	Ratio	Lower	Upper
83	100		
85	51.4	52.6	79.0#



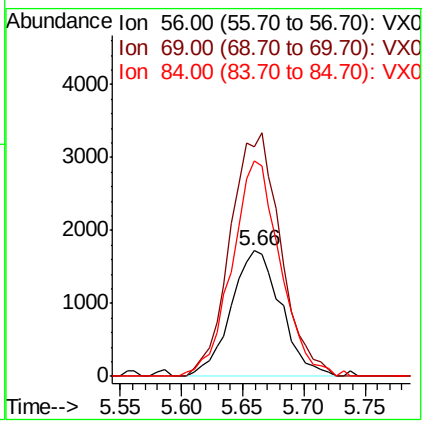


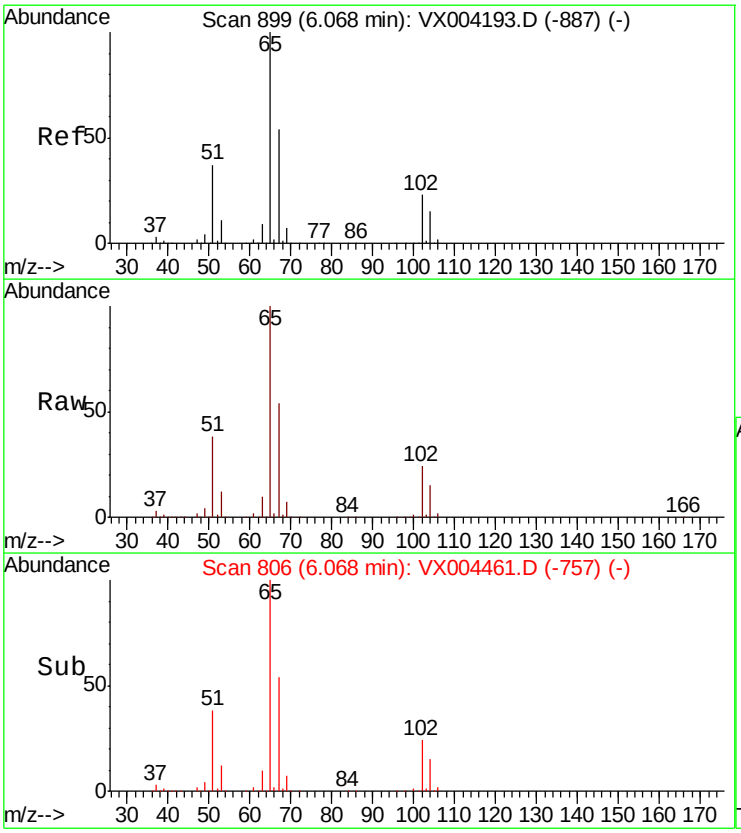
#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument : MSVOA_X
ClientSampleId : HR-05-090718-B

Tgt Ion: 56 Resp: 4906

Ion	Ratio	Lower	Upper
56	100		
69	182.8	25.4	38.2#
84	172.3	71.4	107.2#

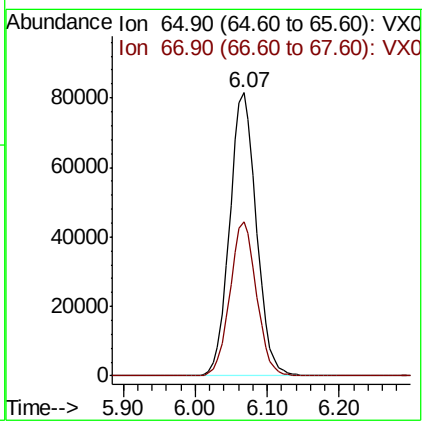


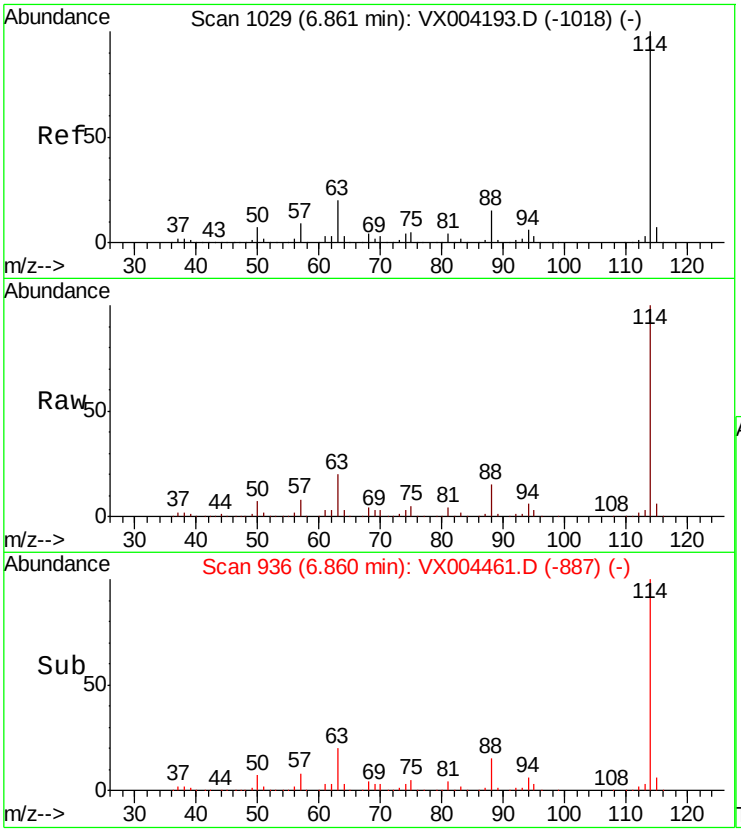


#33
1,2-Dichloroethane-d4
Concen: 54.57 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 65 Resp: 209922

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8



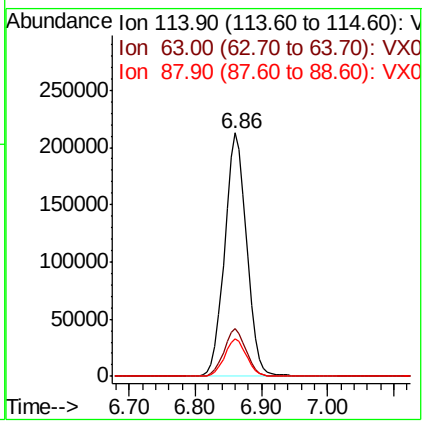


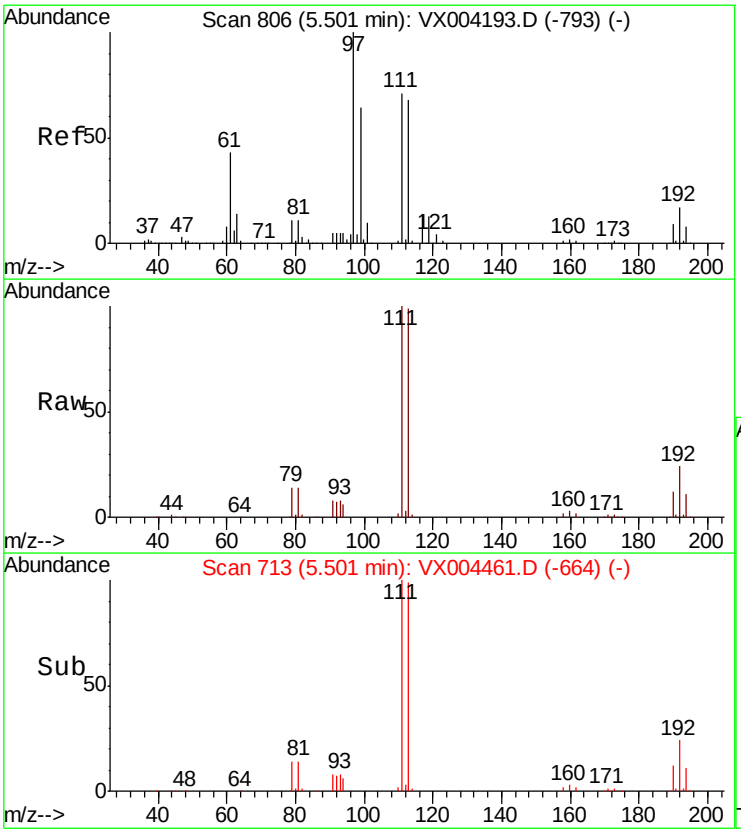
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion:114 Resp: 489375

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.4	0.0	30.4

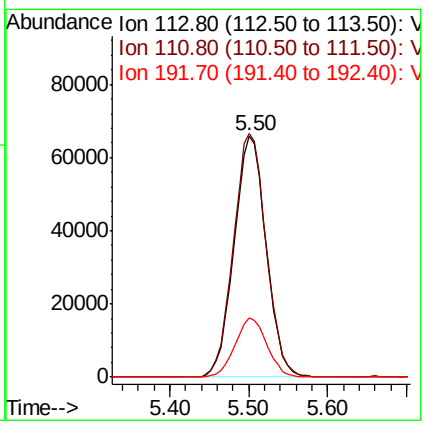


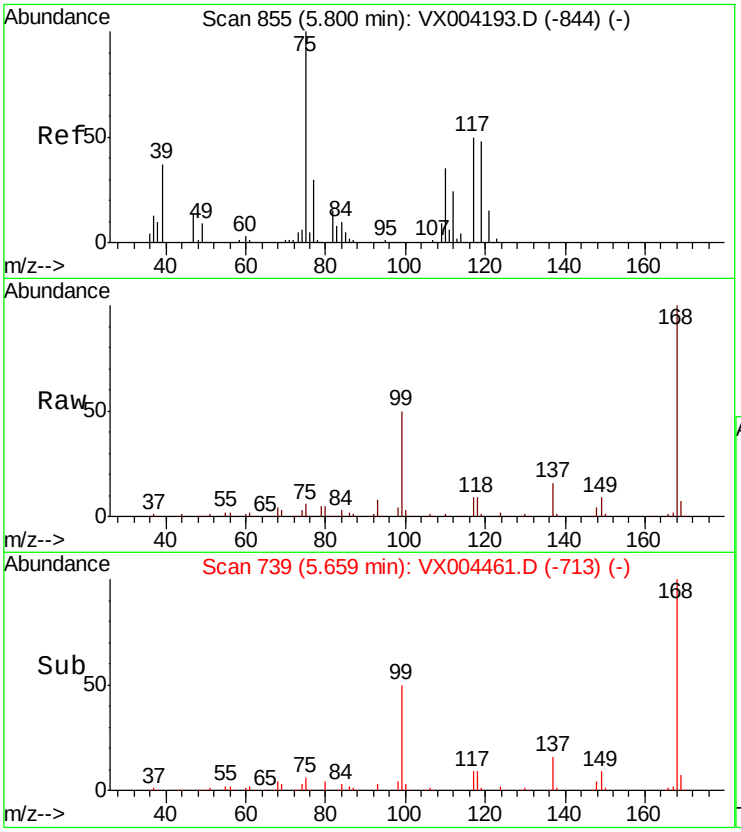


#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion:113 Resp: 186481

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.2	19.4	29.2



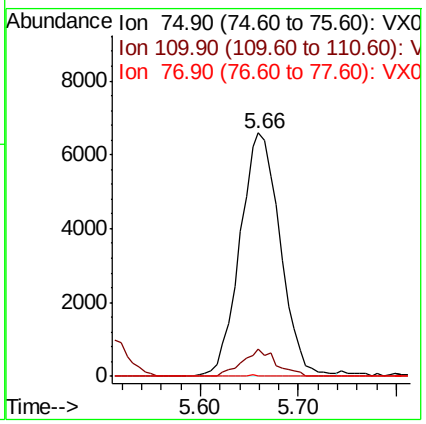


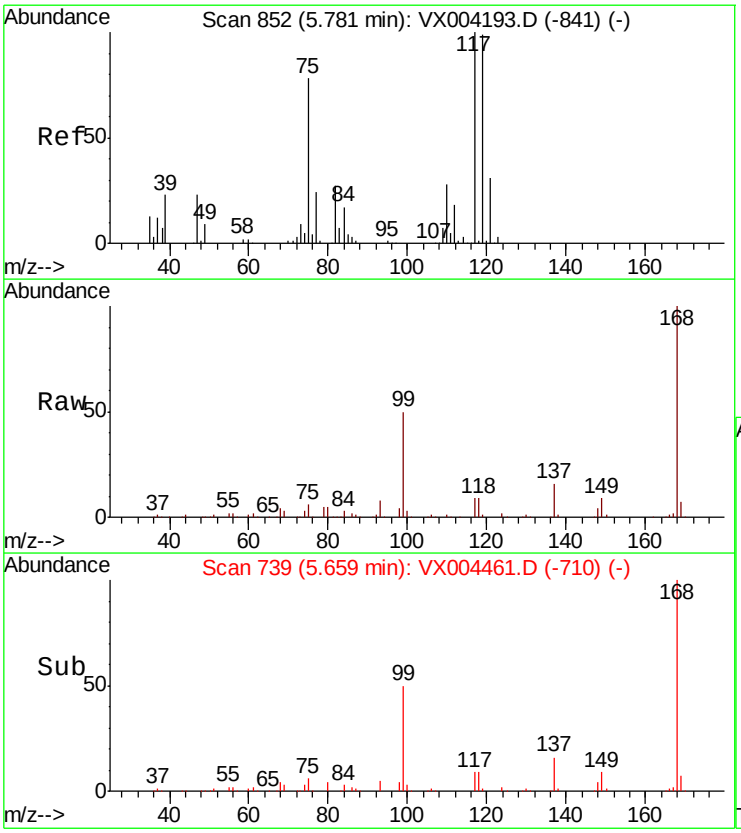
#36
1,1-Dichloropropene
Concen: 3.41 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 75 Resp: 18747

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.1	24.6	36.8#

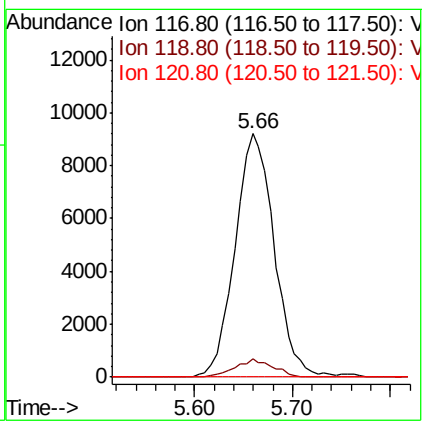


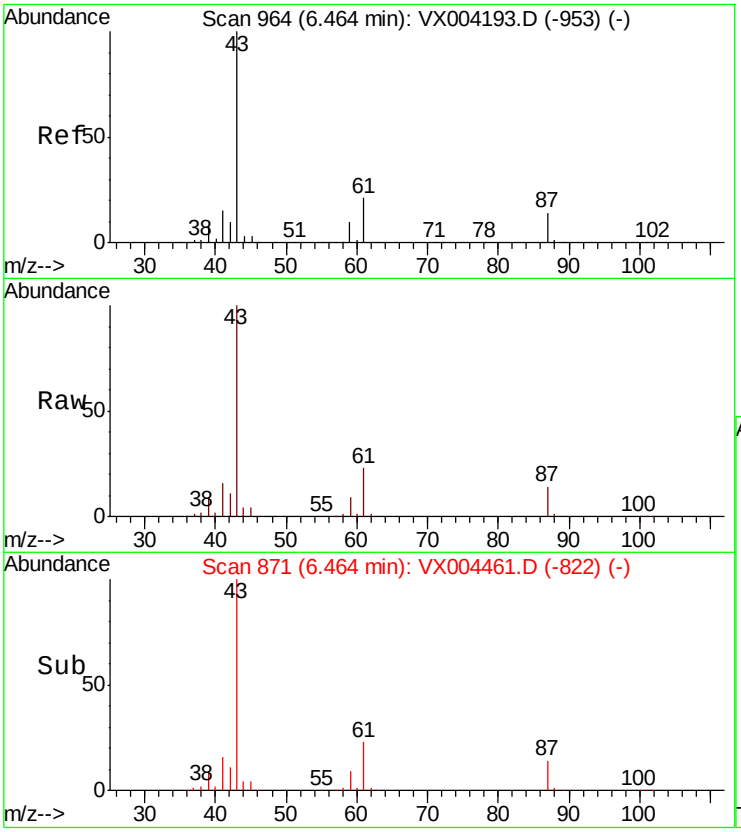


#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion:117 Resp: 25561

Ion	Ratio	Lower	Upper
117	100		
119	7.7	78.8	118.2#
121	0.0	24.9	37.3#



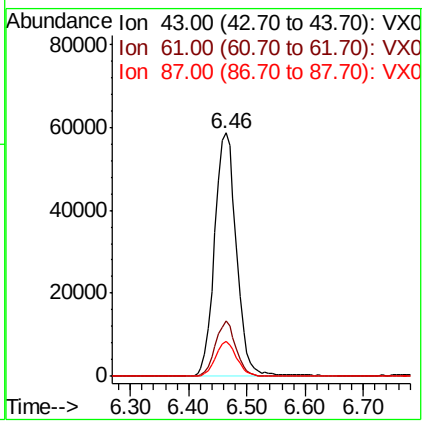


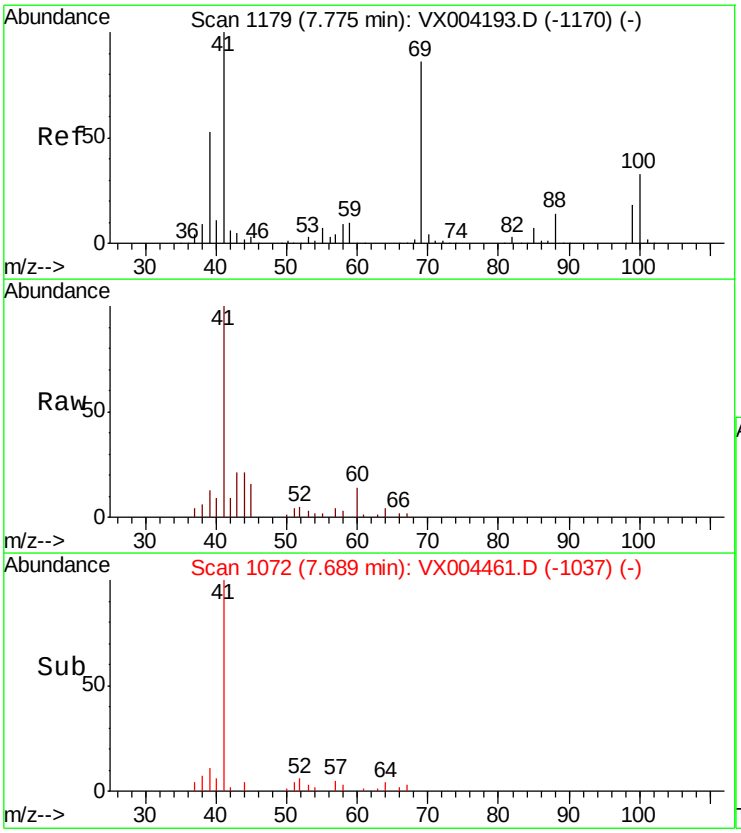
#43
Isopropyl Acetate
Concen: 18.38 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 43 Resp: 152787

Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	13.8	11.4	17.2

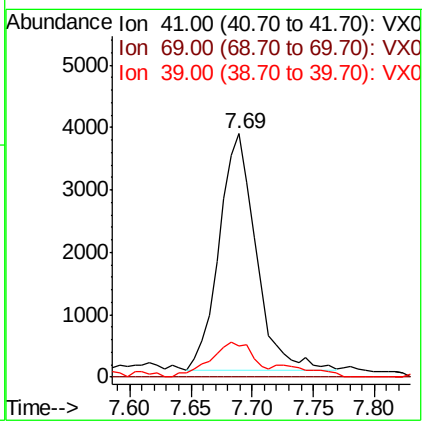


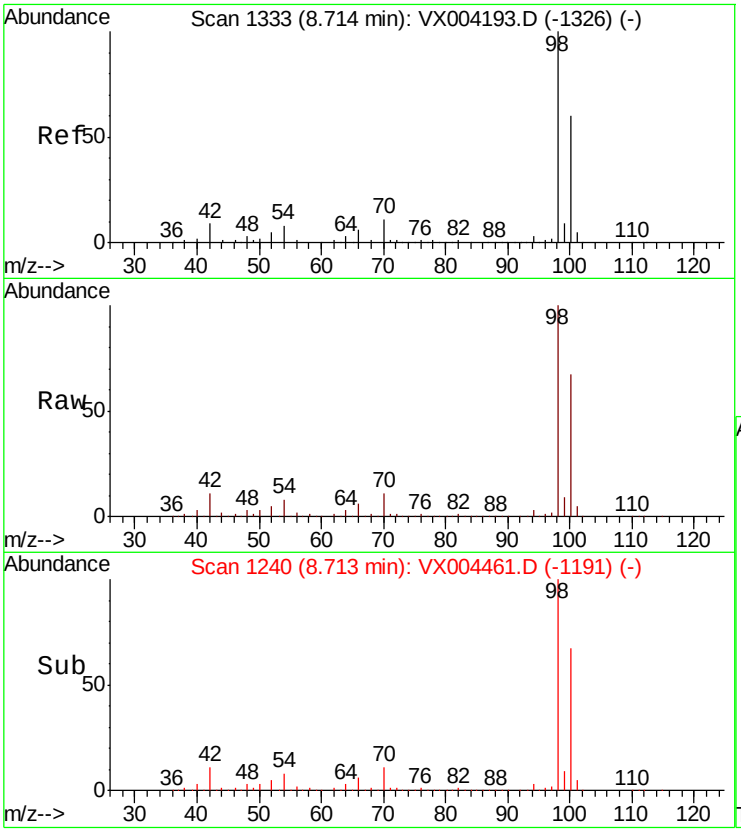


#48
Methyl methacrylate
Concen: 1.79 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 41 Resp: 7974

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	17.1	42.7	64.1#



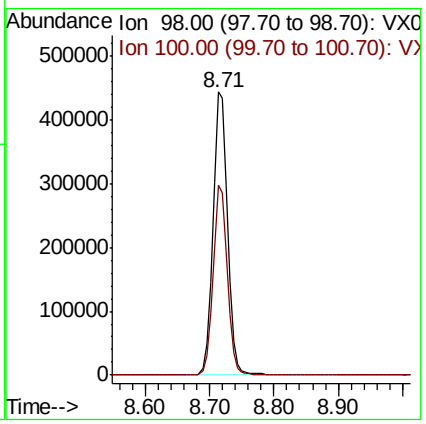


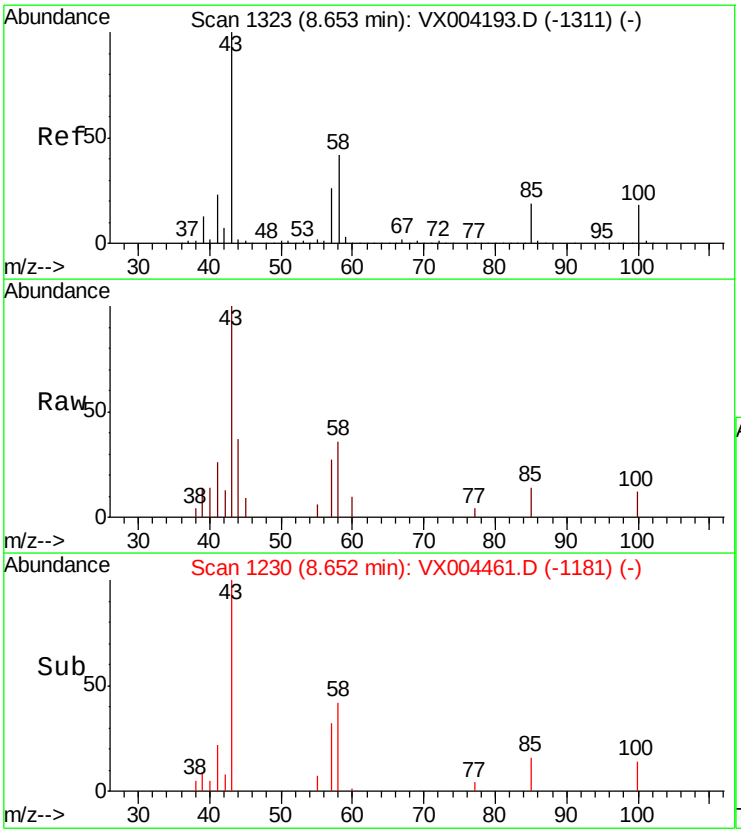
#50
Toluene-d8
Concen: 51.48 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 98 Resp: 707380

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

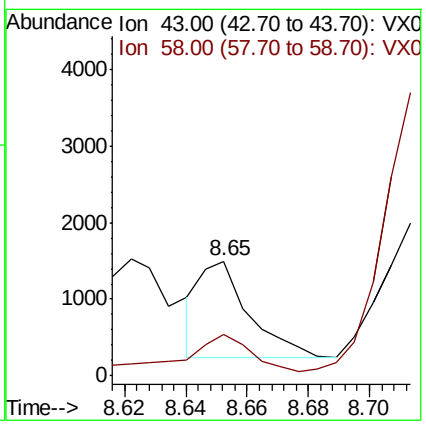


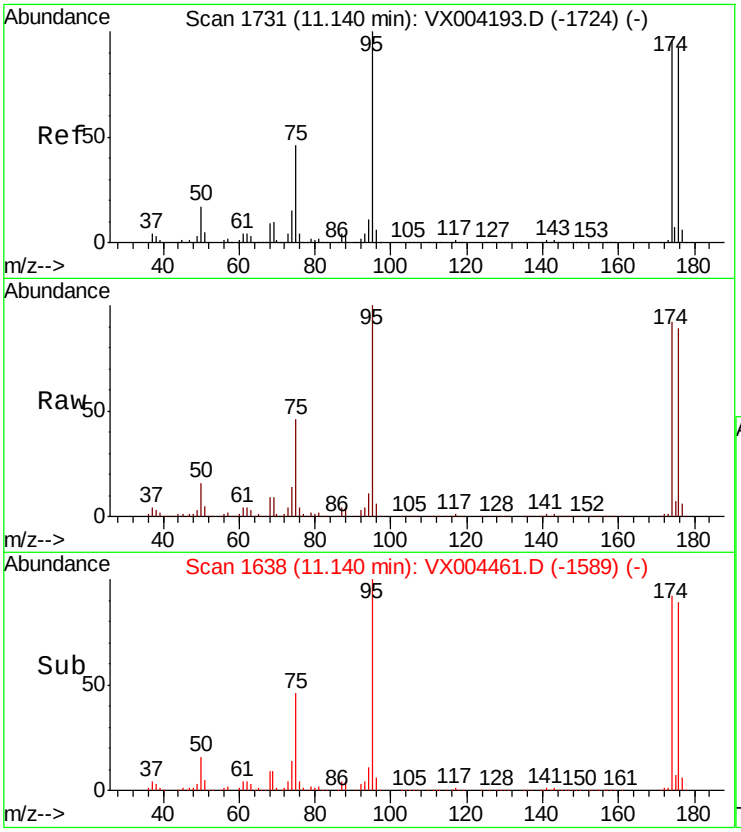


#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 1414

Ion	Ratio	Lower	Upper
43	100		
58	71.0	33.1	49.7#



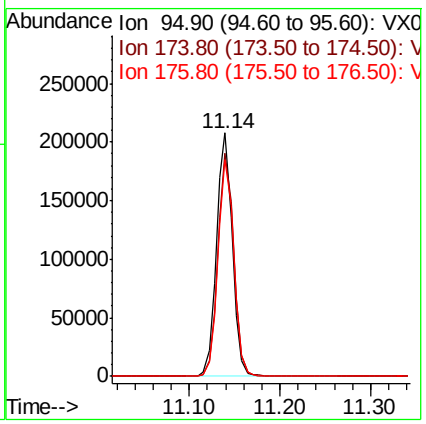


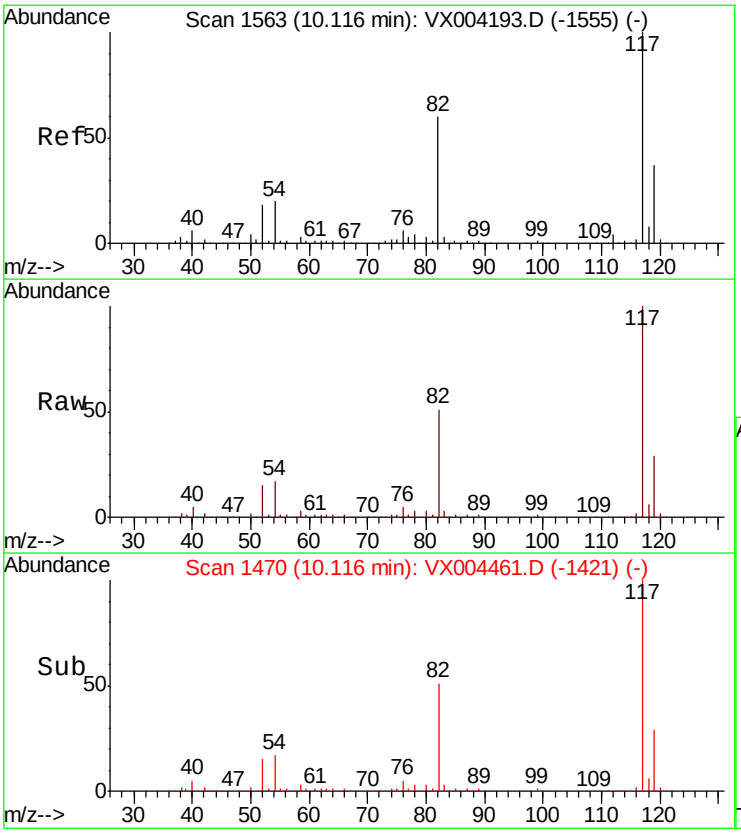
#62
4-Bromofluorobenzene
Concen: 49.34 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 95 Resp: 252996

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.2
176	89.2	0.0	178.6

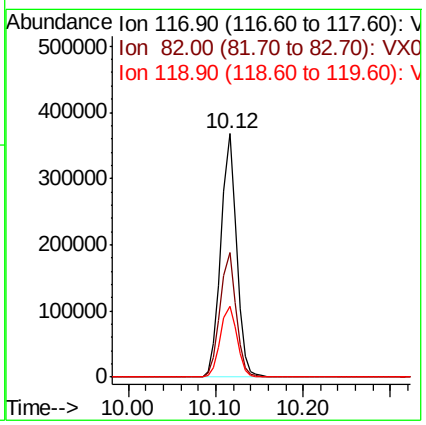


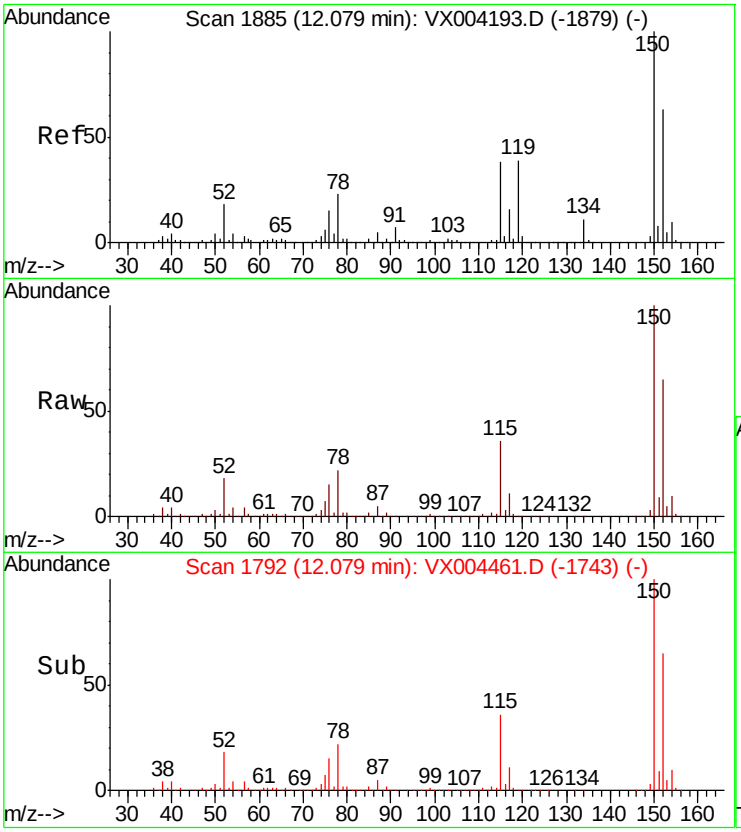


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion:117 Resp: 454936

Ion	Ratio	Lower	Upper
117	100		
82	51.2	47.8	71.6
119	29.3	29.3	43.9#



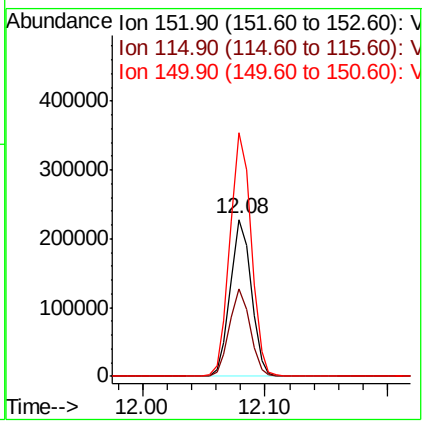


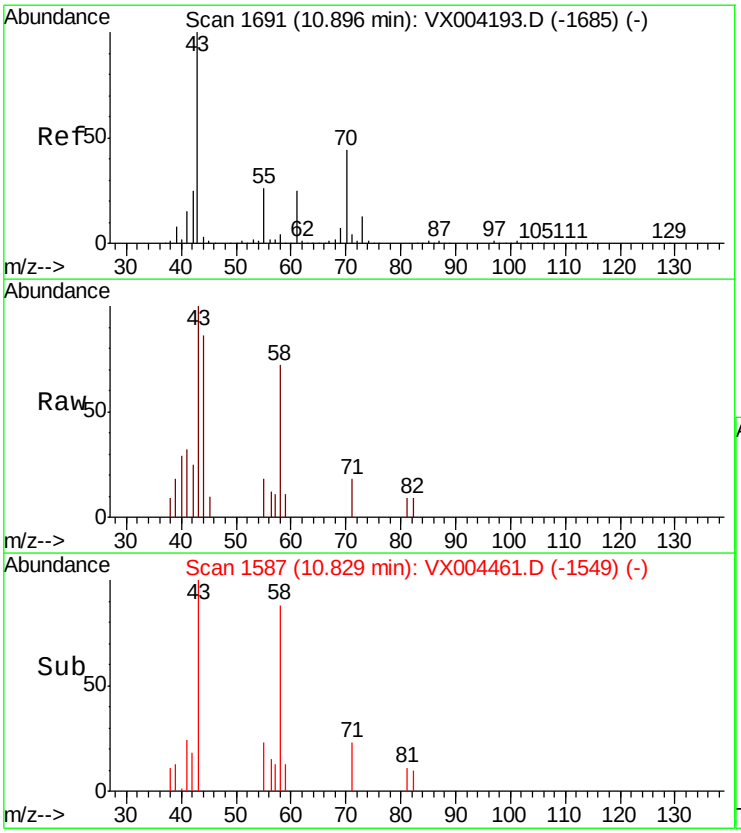
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion:152 Resp: 270583

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	117.0
150	156.7	0.0	351.0

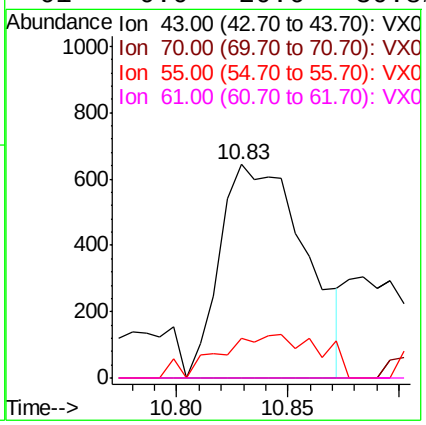


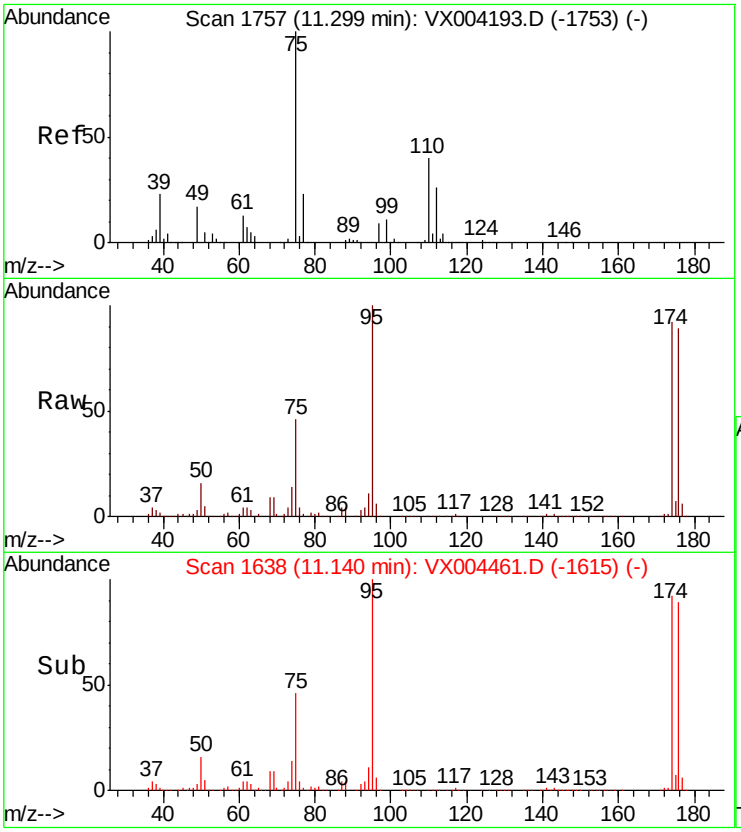


#74
N-amyl acetate
Concen: 0.25 ug/l
RT: 10.83 min Scan# 1587
Delta R.T. -0.07 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 1713

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.4	56.0#
55	24.4	21.8	32.8
61	0.0	20.6	30.8#



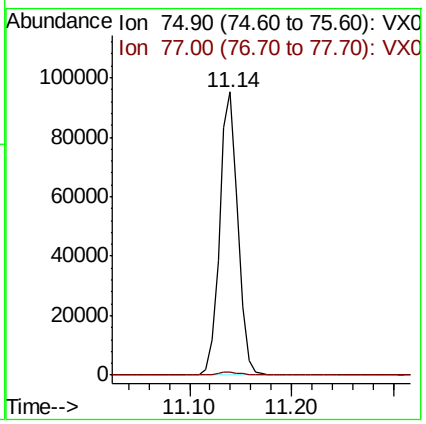


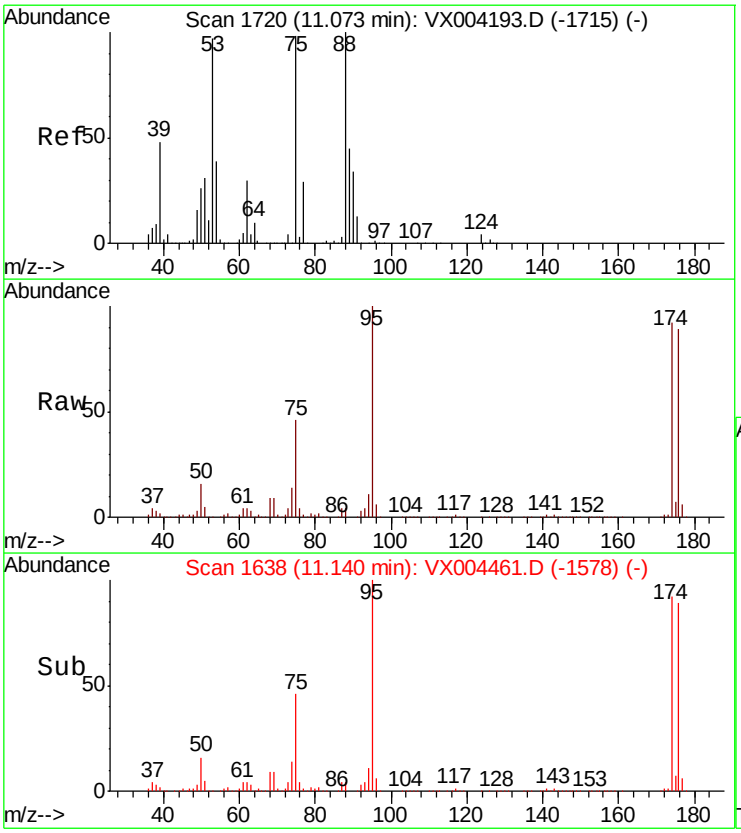
#76
1,2,3-Trichloropropane
Concen: 21.50 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion: 75 Resp: 118312

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

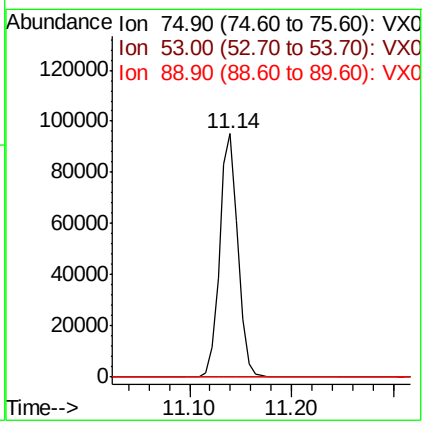


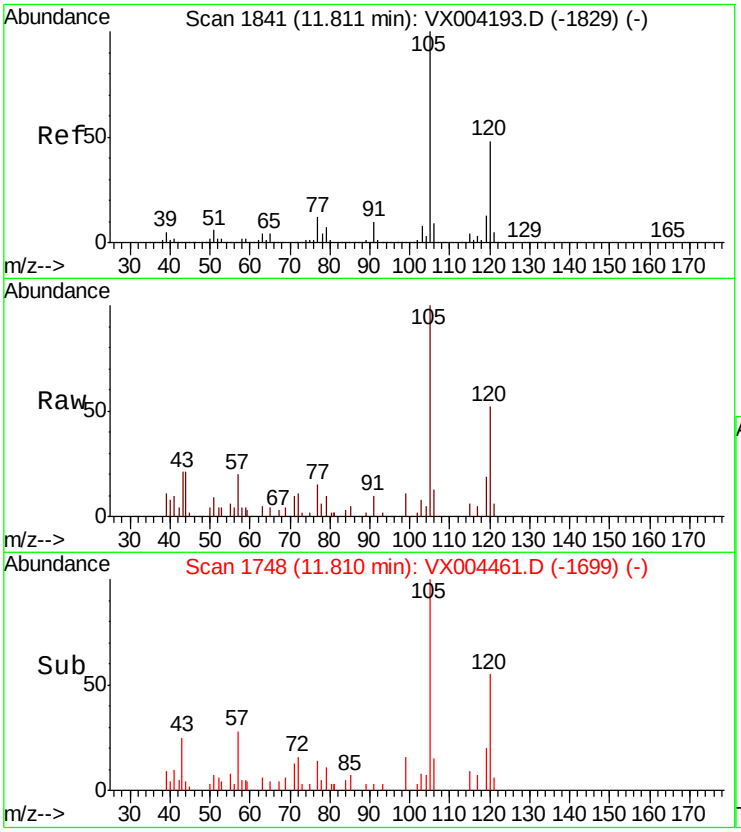


#81
trans-1,4-Dichloro-2-butene
Concen: 69.75 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 75 Resp: 118312

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



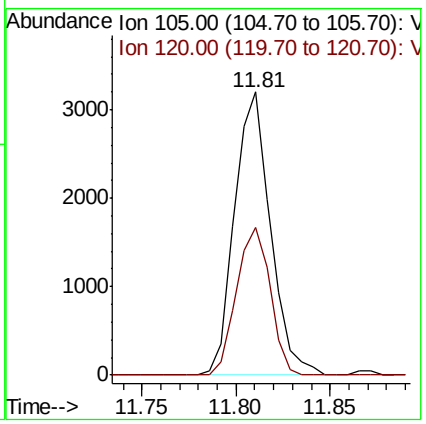


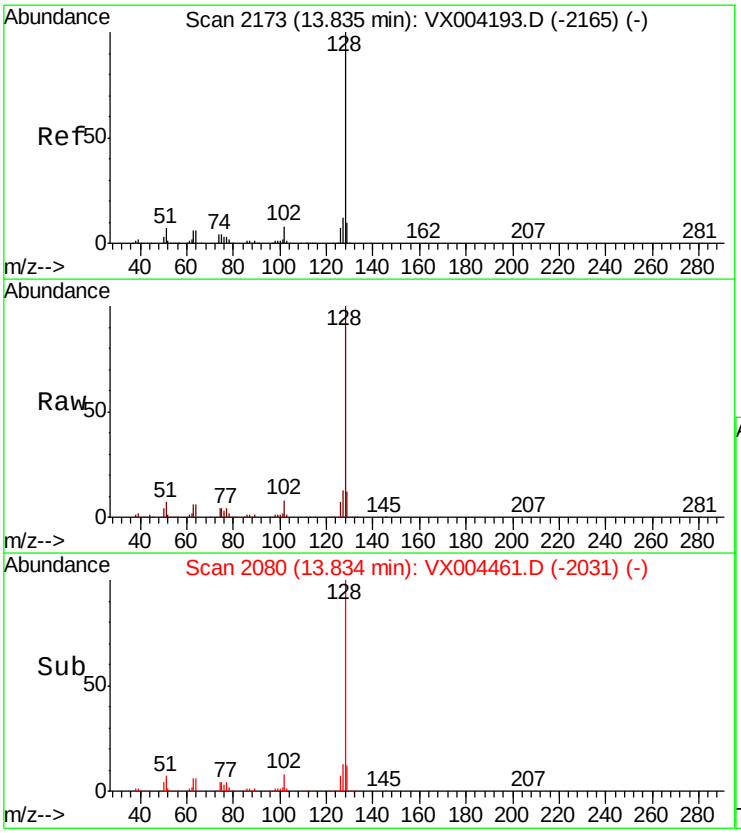
#84
1,2,4-Trimethylbenzene
Concen: 0.28 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

Tgt Ion:105 Resp: 4221

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.2	69.6





#95
Naphthalene
Concen: 4.45 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion:128 Resp: 78525

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.4	8.6	12.8