Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004172.D
Acq On : 21 Aug 2018 13:38
Operator : JC/MD
Sample : J4271-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Quant Time: Aug 22 00:53:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	257943	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	441614	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	416949	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216182	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	197263	54.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.56%				
35) Dibromofluoromethane	5.50	113	167098	50.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.12%				
50) Toluene-d8	8.71	98	623601	46.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.08%				
62) 4-Bromofluorobenzene	11.14	95	204212	42.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.04%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2111	0.69	ug/l	#	84
5) Bromomethane	1.65	94	1106	0.48	ug/l		85
6) Chloroethane	1.79	64	223	Below Cal		#	46
10) Methyl Iodide	2.51	142	922	5.28	ug/l	#	84
11) Tert butyl alcohol	3.06	59	760	1.04	ug/l		96
13) Acrolein	2.29	56	245	11.42	ug/l	#	15
16) Acetone	2.44	43	45084	23.86	ug/l		97
18) Methyl Acetate	2.78	43	7164	1.71	ug/l		100
20) Methylene Chloride	2.86	84	322530	105.10	ug/l		98
25) 2-Butanone	4.70	43	4765	1.55	ug/l	#	81
29) Tetrahydrofuran	5.17	42	1513	0.96	ug/l		94
30) Chloroform	5.21	83	5158	0.92	ug/l		97
36) 1,1-Dichloropropene	5.66	75	17862	3.55	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	23826	4.88	ug/l	#	16
43) Isopropyl Acetate	6.46	43	151490	18.78	ug/l		100
47) Bromodichloromethane	7.90	83	1234	0.26	ug/l	#	93
48) Methyl methacrylate	7.69	41	7267	1.79	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.65	43	1540	0.23	ug/l	#	53
54) cis-1,3-Dichloropropene	8.62	75	1358	0.24	ug/l	#	72
59) 2-Hexanone	9.44	43	1663	0.33	ug/l	#	22
68) m/p-Xylenes	10.36	106	2075	0.31	ug/l		93
74) N-amyl acetate	6.46	43	151490	22.02	ug/l	#	100
76) 1,2,3-Trichloropropane	11.14	75	100101	23.09	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.51	105	5084	0.42	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	100101	71.47	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.80	105	13359	1.08	ug/l		96
95) Naphthalene	13.83	128	134266	9.82	ug/l		99

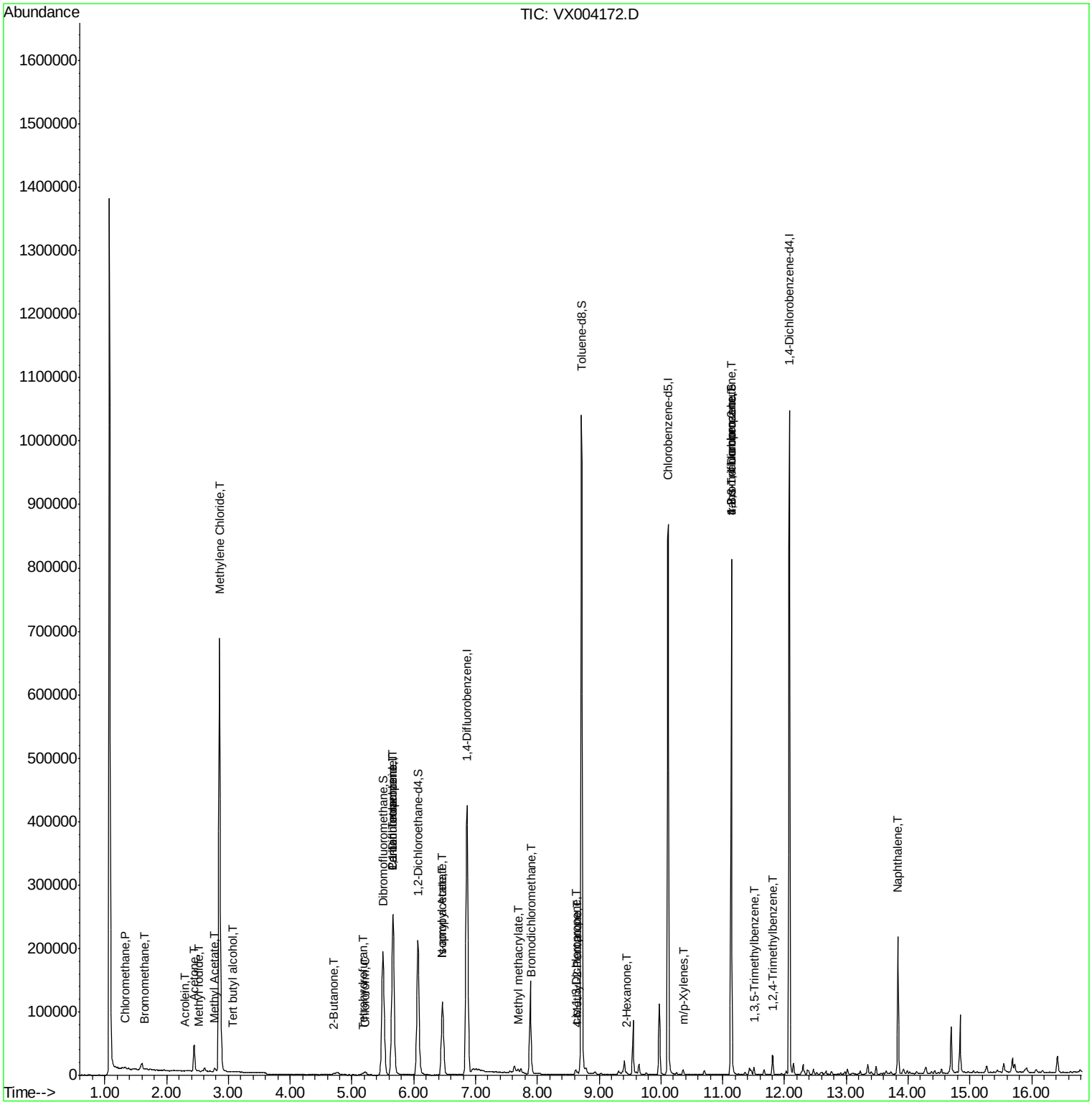
(#) = qualifier out of range (m) = manual integration (+) = signals summed

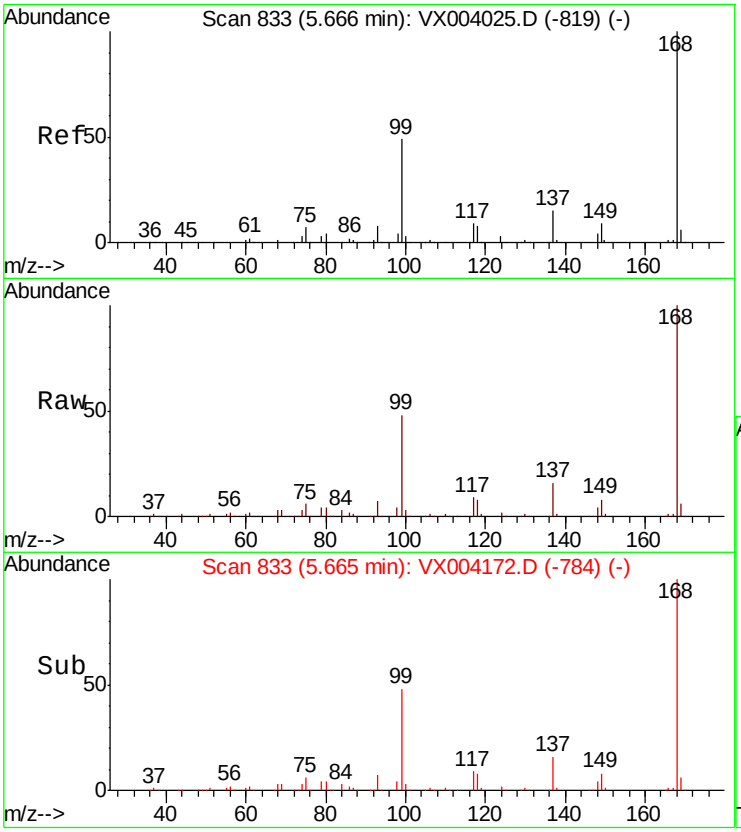
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004172.D
Acq On : 21 Aug 2018 13:38
Operator : JC/MD
Sample : J4271-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Quant Time: Aug 22 00:53:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



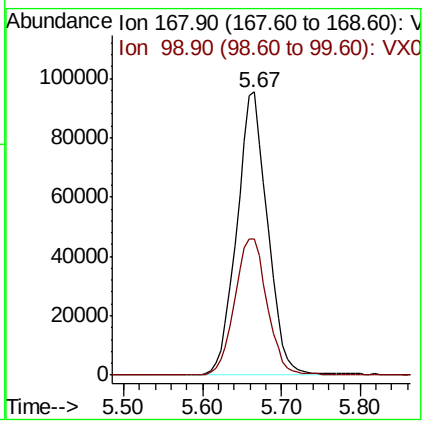


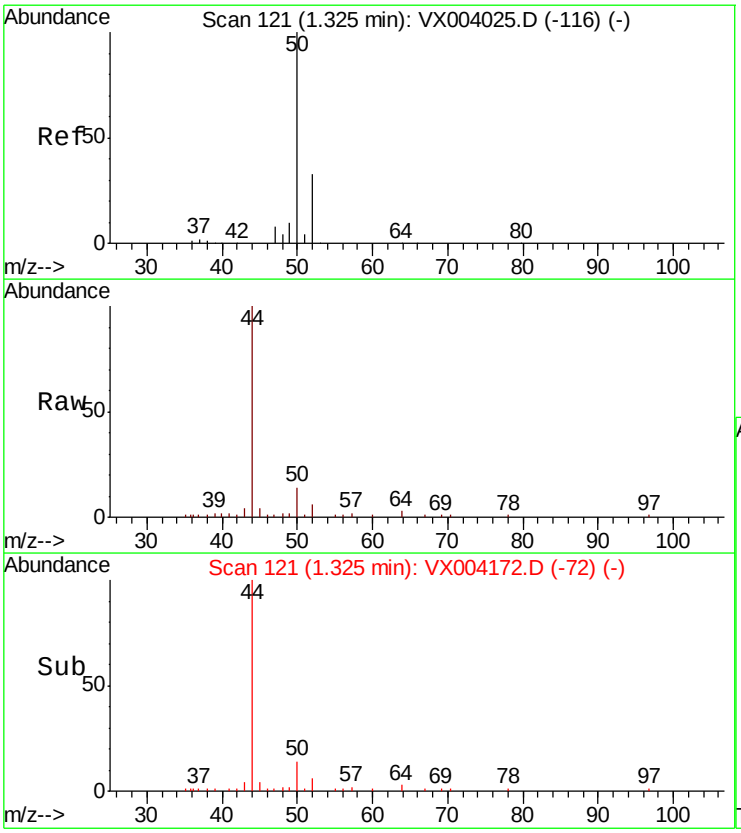
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion:168 Resp: 257943

Ion	Ratio	Lower	Upper
168	100		
99	48.1	40.1	60.1

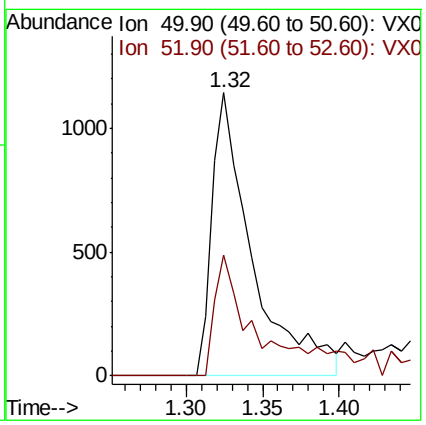


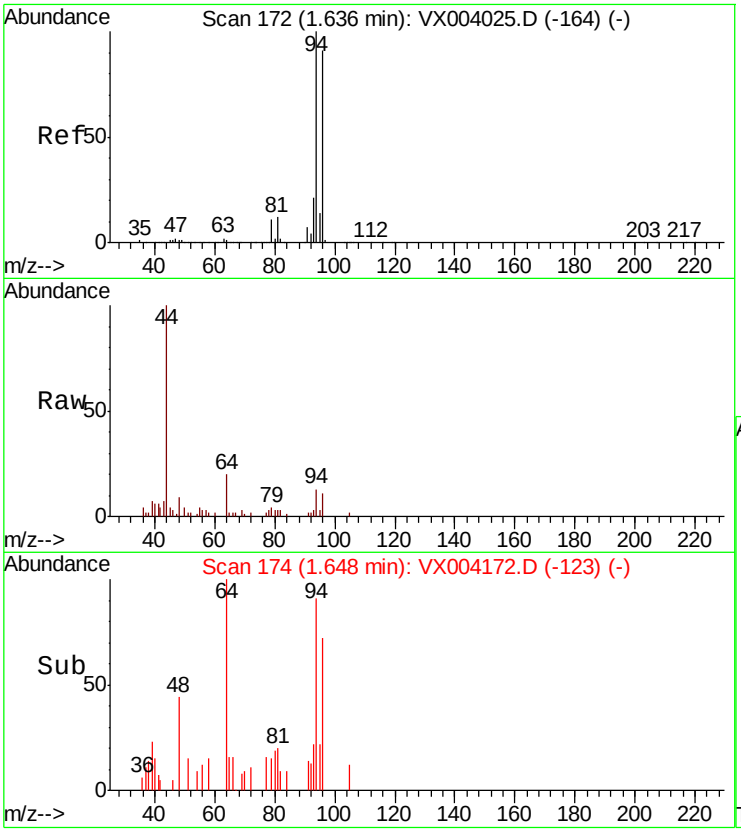


#3
Chloromethane
Concen: 0.69 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 50 Resp: 2111

Ion	Ratio	Lower	Upper
50	100		
52	42.5	26.6	39.8#



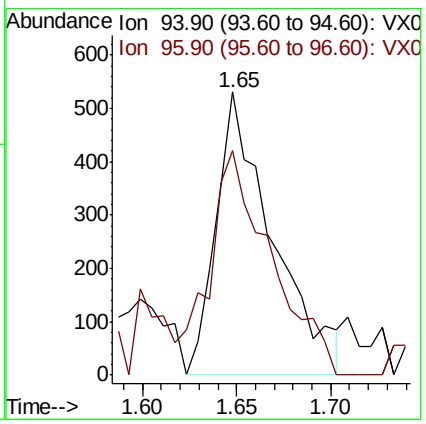


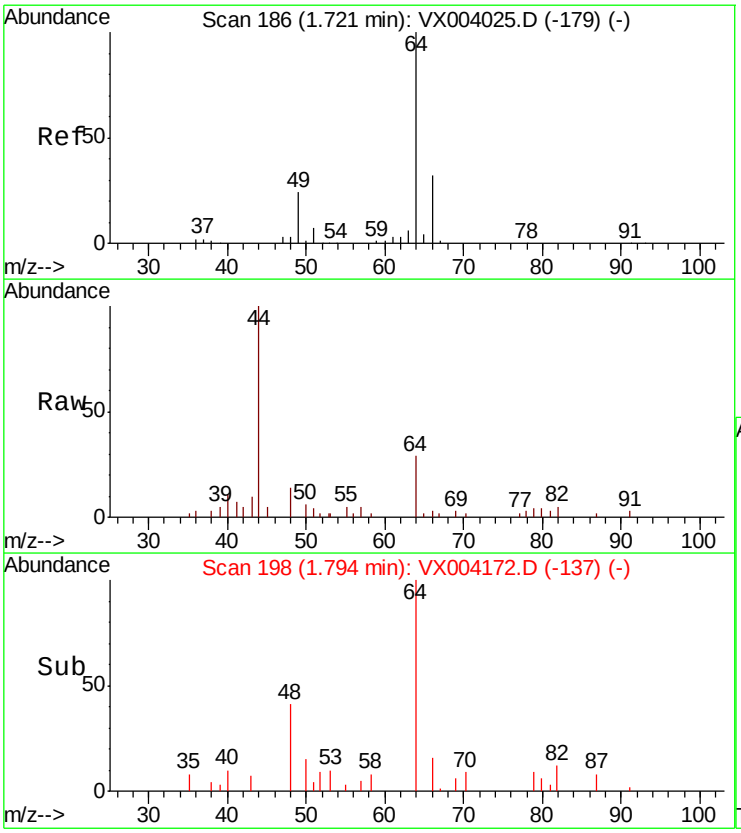
#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 94 Resp: 1106

Ion	Ratio	Lower	Upper
94	100		
96	79.3	75.2	112.8

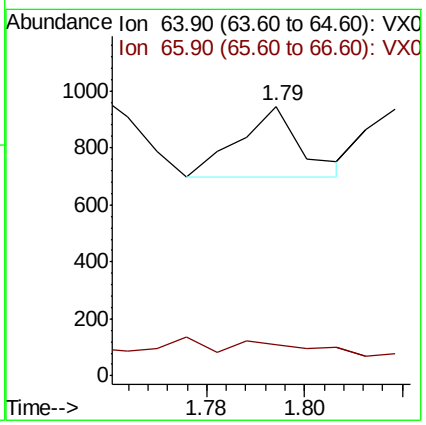


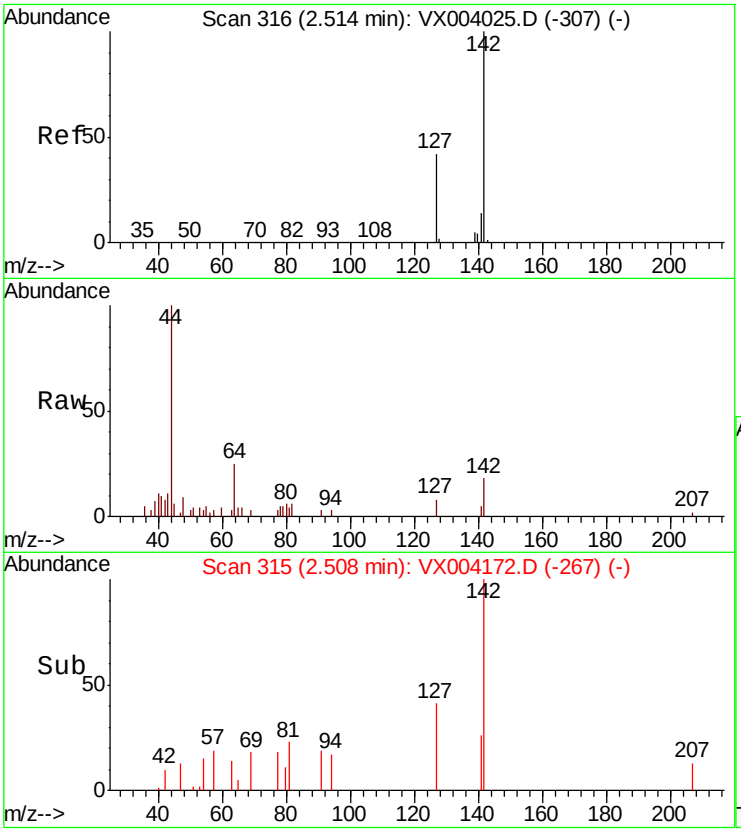


#6
Chloroethane
Concen: Below Cal
RT: 1.79 min Scan# 198
Delta R.T. 0.07 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 64 Resp: 223

Ion	Ratio	Lower	Upper
64	100		
66	2.8	26.5	39.7#



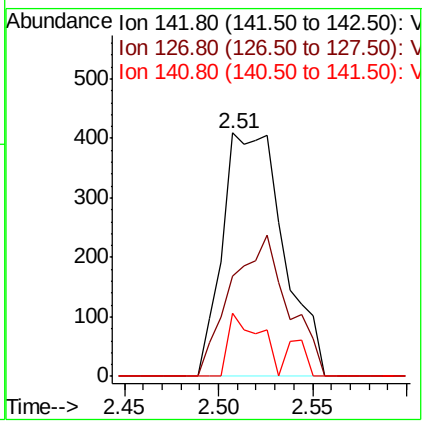


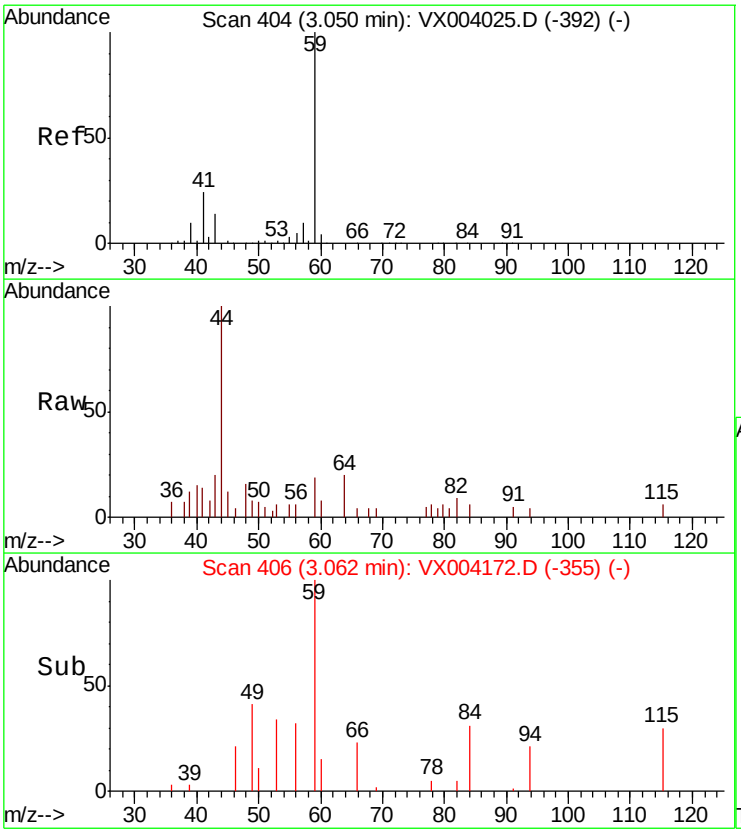
#10
Methyl Iodide
Concen: 5.28 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion:142 Resp: 922

Ion	Ratio	Lower	Upper
142	100		
127	54.2	33.1	49.7#
141	13.3	11.1	16.7

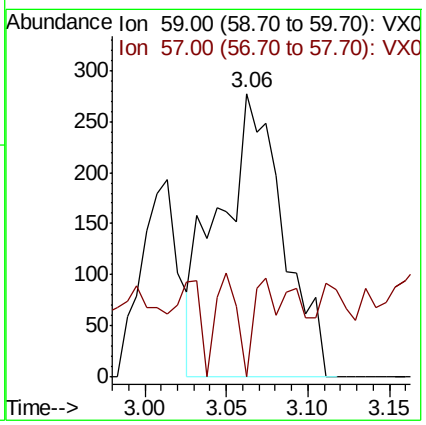


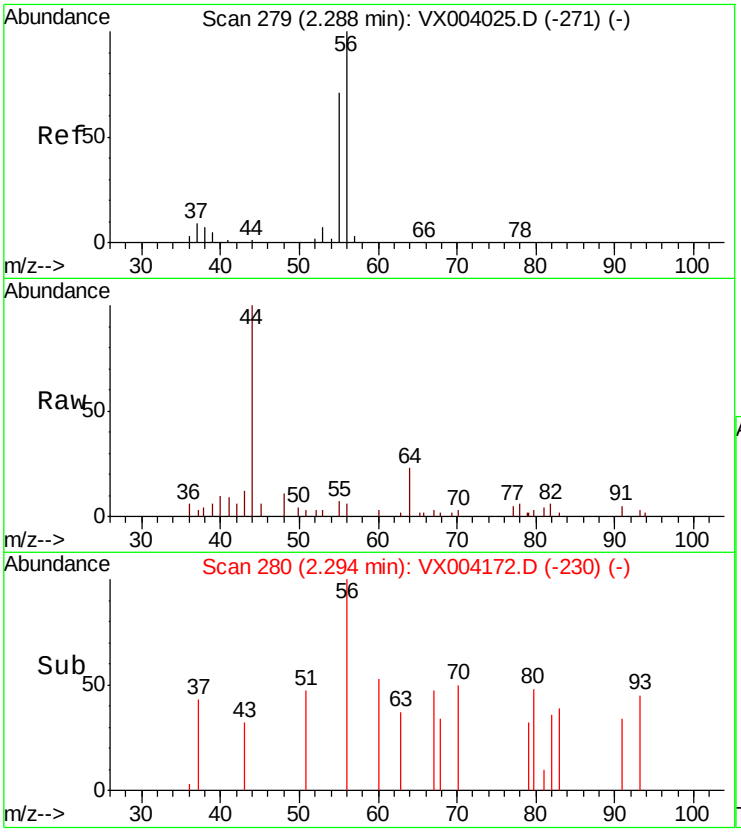


#11
Tert butyl alcohol
Concen: 1.04 ug/l
RT: 3.06 min Scan# 406
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 59 Resp: 760

Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.1	12.1



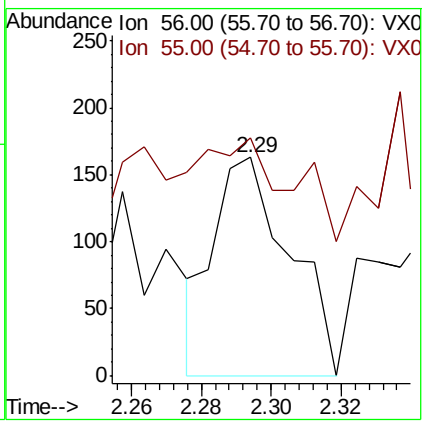


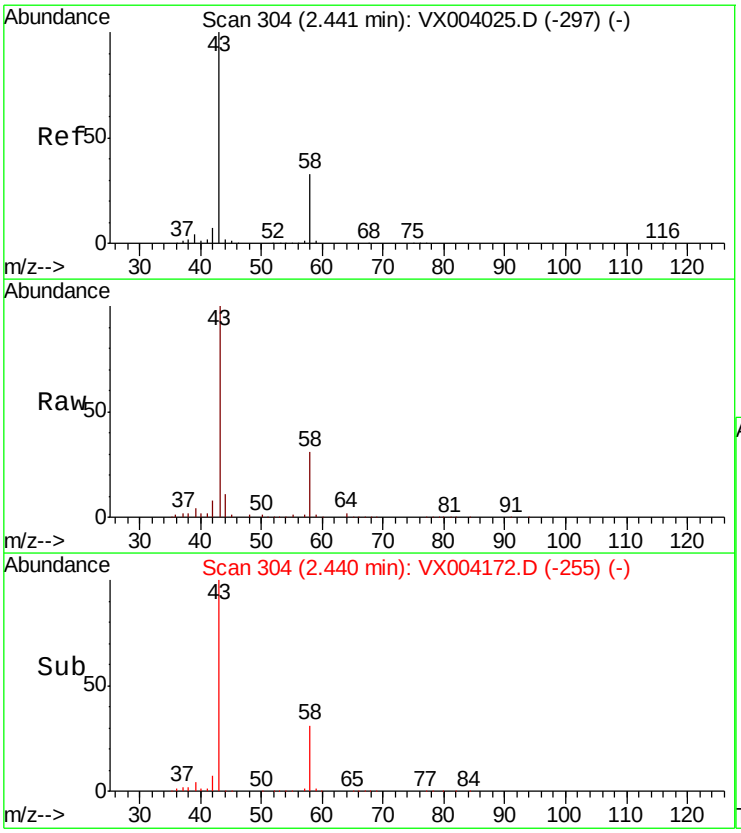
#13
Acrolein
Concen: 11.42 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion: 56 Resp: 245

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

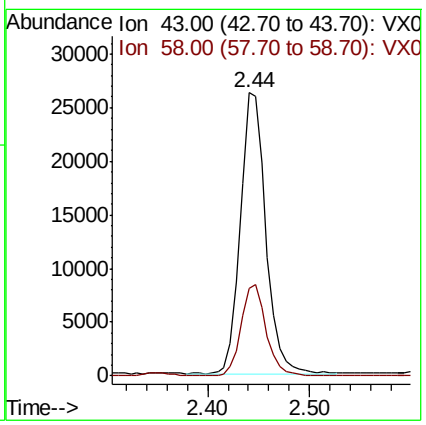


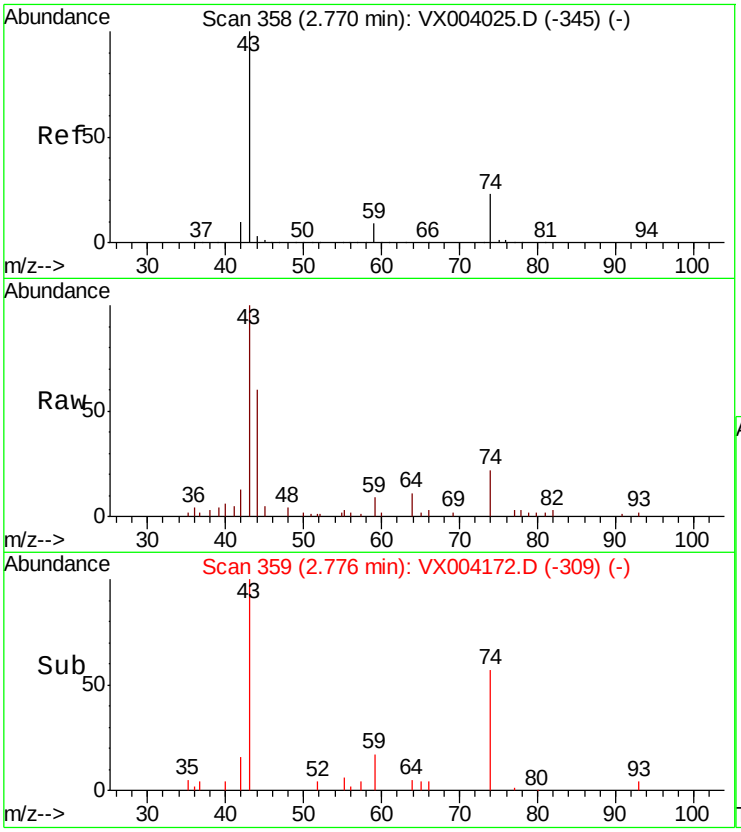


#16
Acetone
Concen: 23.86 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 43 Resp: 45084

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.4	39.6



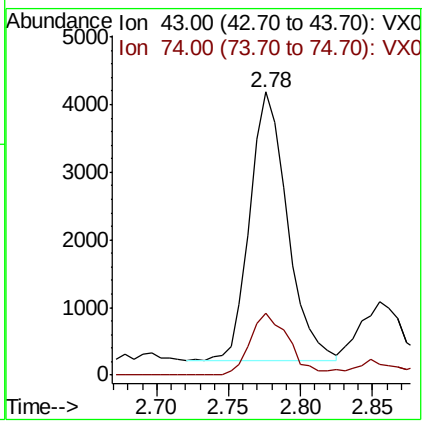


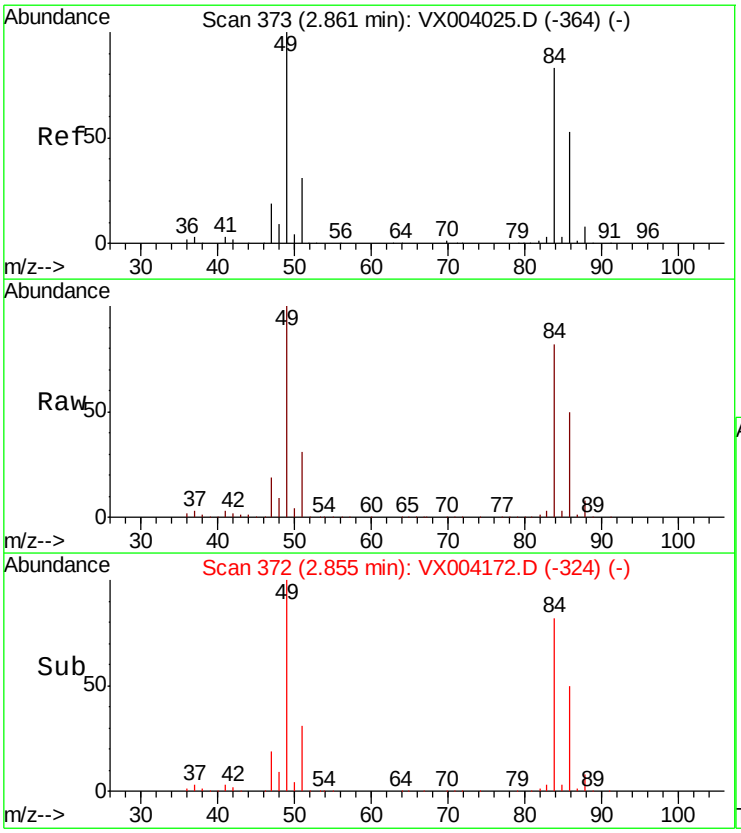
#18
Methyl Acetate
Concen: 1.71 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion: 43 Resp: 7164

Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.9	28.3

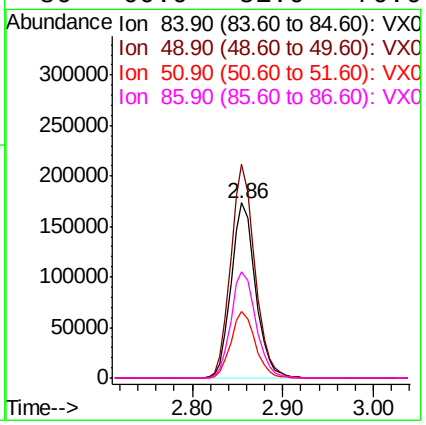


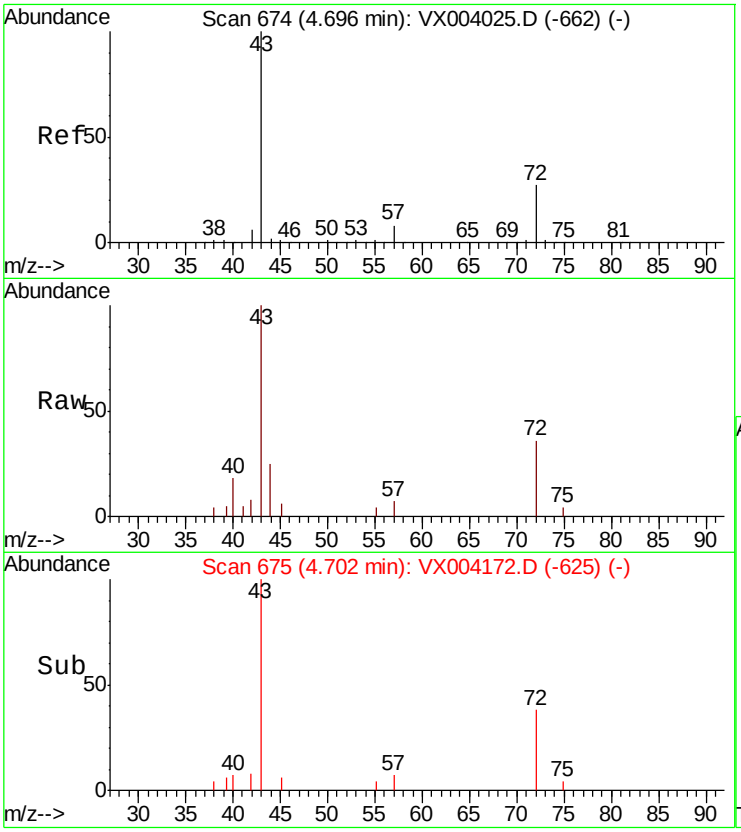


#20
Methylene Chloride
Concen: 105.10 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 84 Resp: 322530

Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.9	148.3
51	38.0	29.9	44.9
86	60.9	51.0	76.6



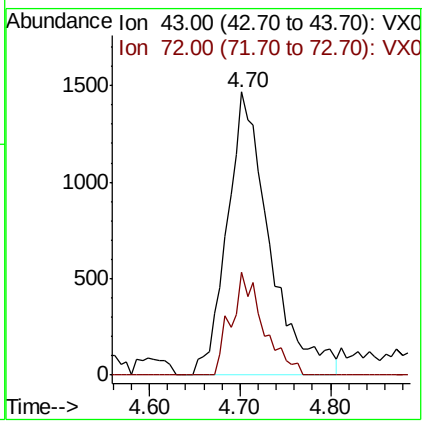


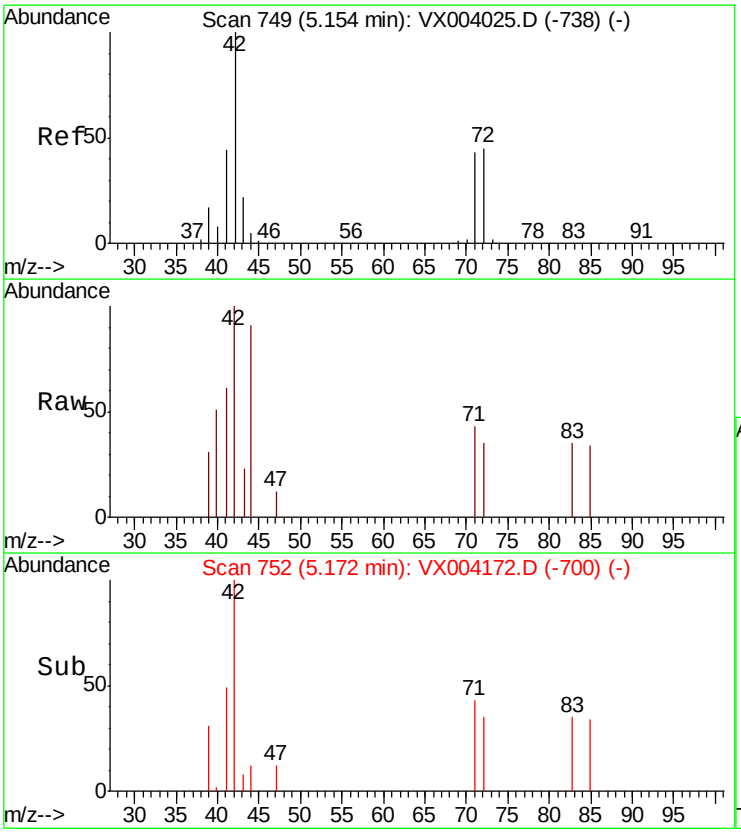
#25
2-Butanone
Concen: 1.55 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion: 43 Resp: 4765

Ion	Ratio	Lower	Upper
43	100		
72	36.3	21.4	32.0#

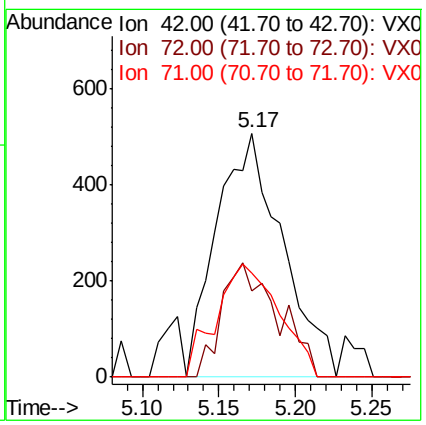


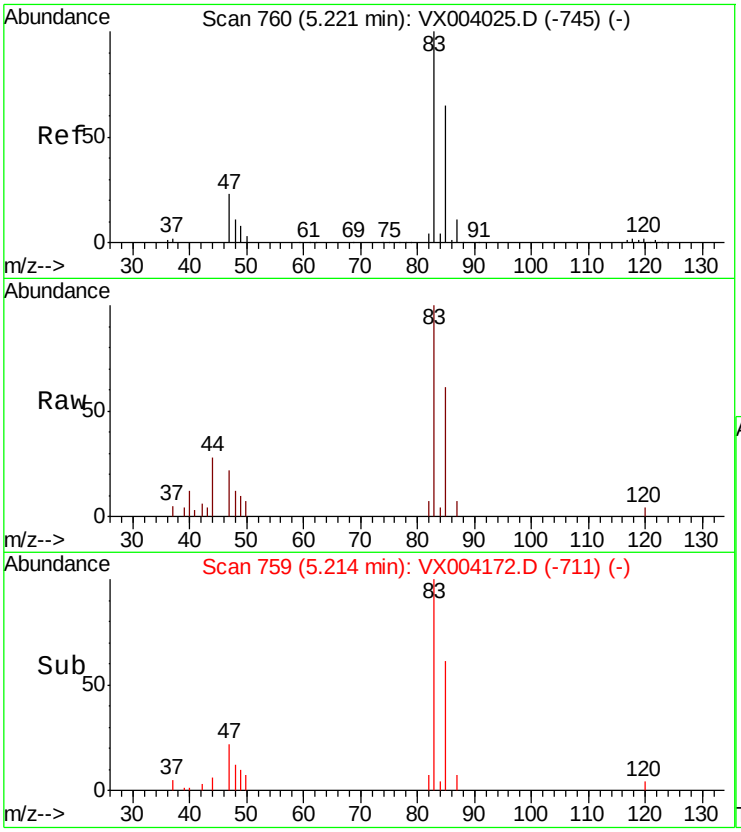


#29
Tetrahydrofuran
Concen: 0.96 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.02 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 42 Resp: 1513

Ion	Ratio	Lower	Upper
42	100		
72	39.9	37.7	56.5
71	44.4	35.0	52.6



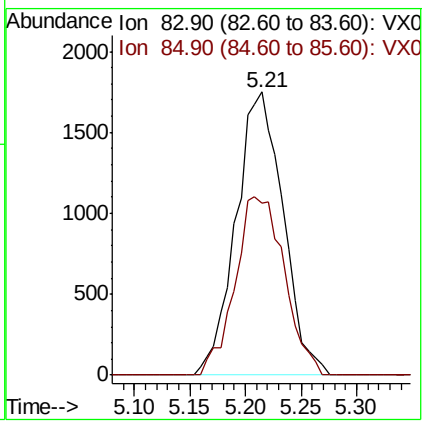


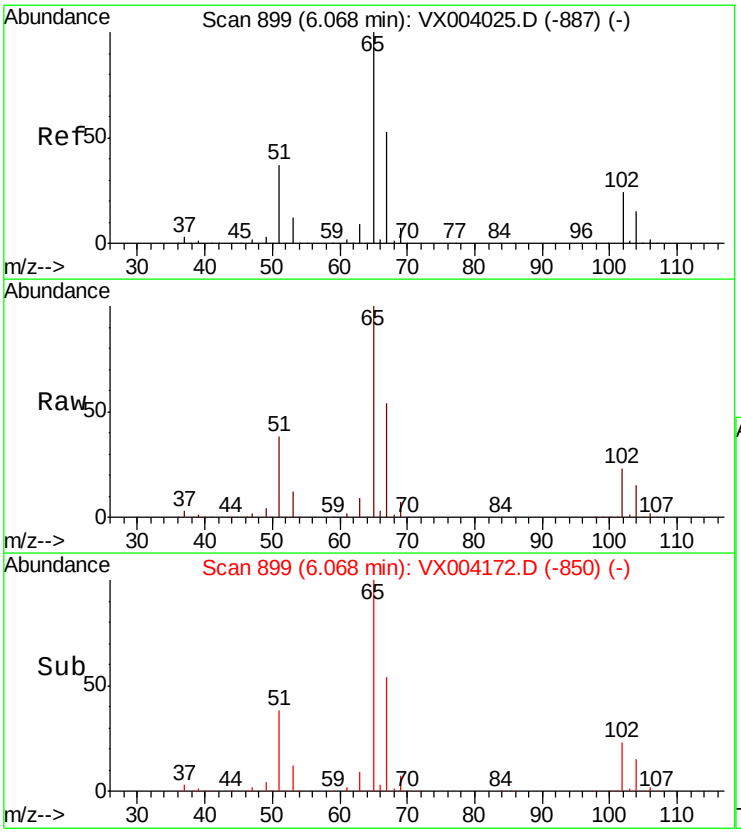
#30
Chloroform
Concen: 0.92 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 83 Resp: 5158

Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.7	76.1

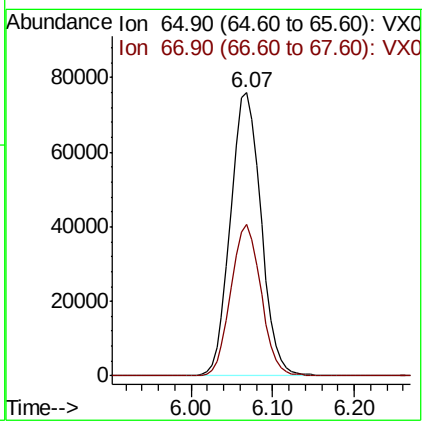


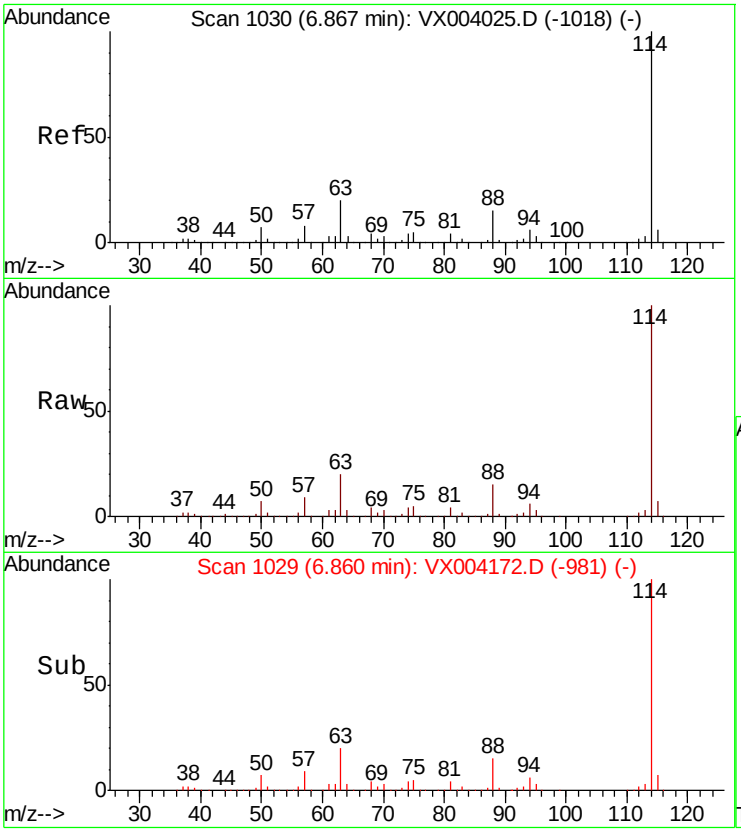


#33
1,2-Dichloroethane-d4
Concen: 54.28 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 65 Resp: 197263

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.8



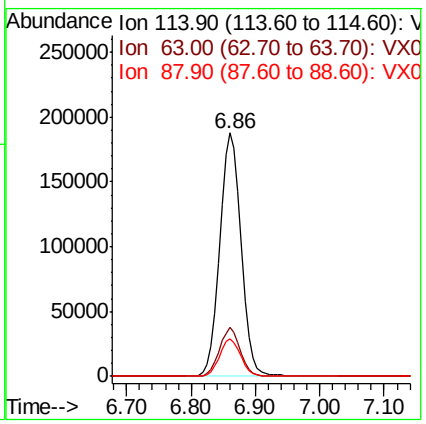


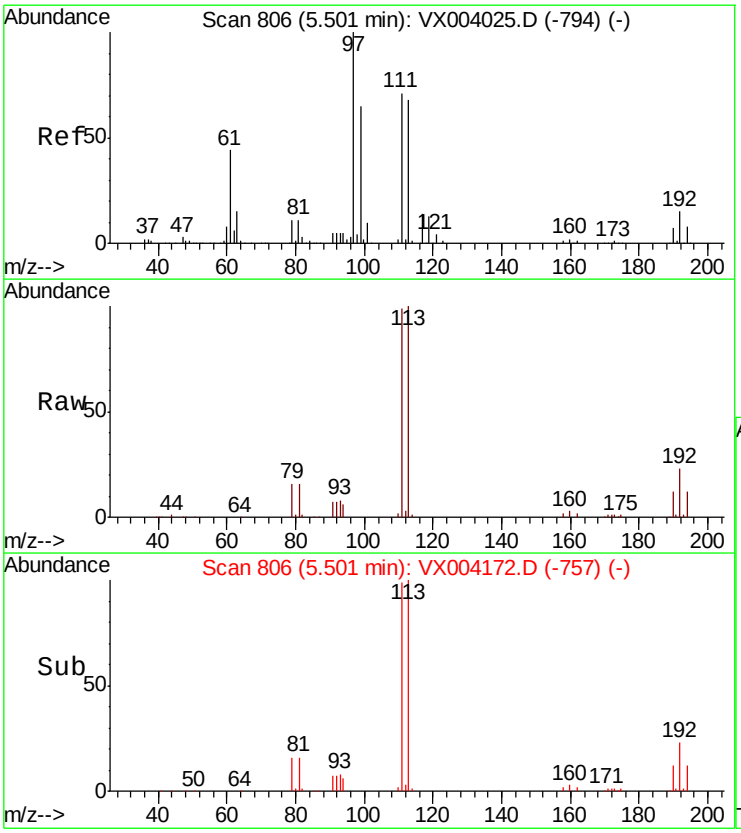
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion:114 Resp: 441614

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.2	0.0	32.0

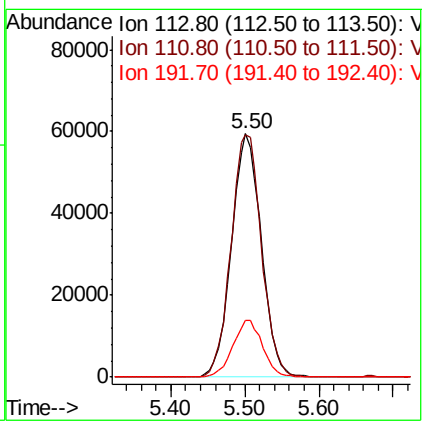


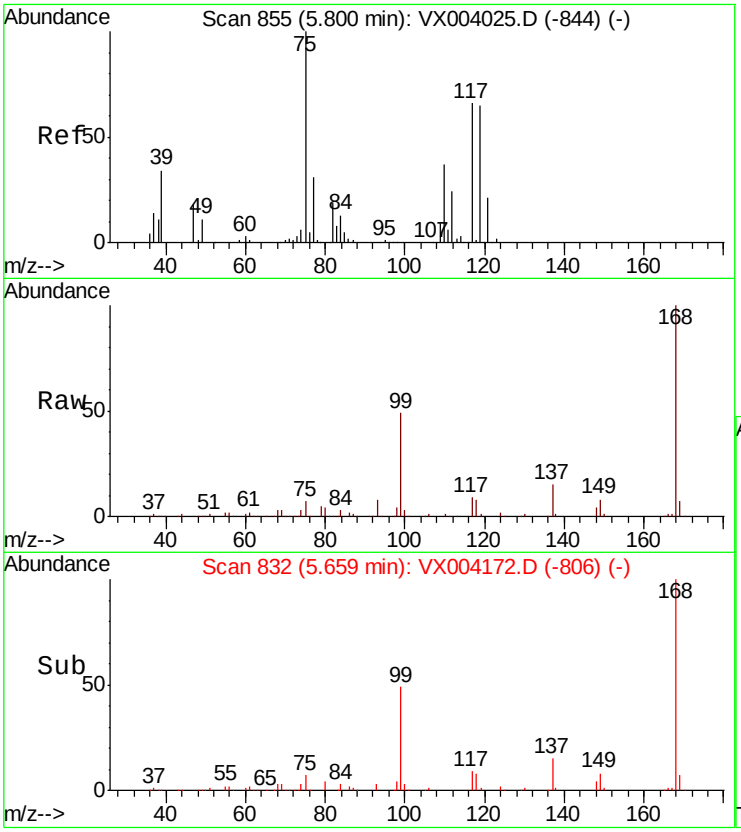


#35
Dibromofluoromethane
Concen: 50.56 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion:113 Resp: 167098

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.3	19.0	28.4



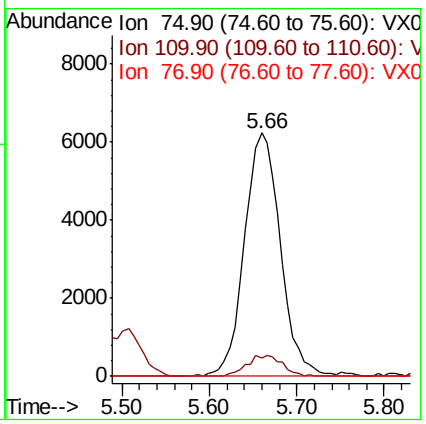


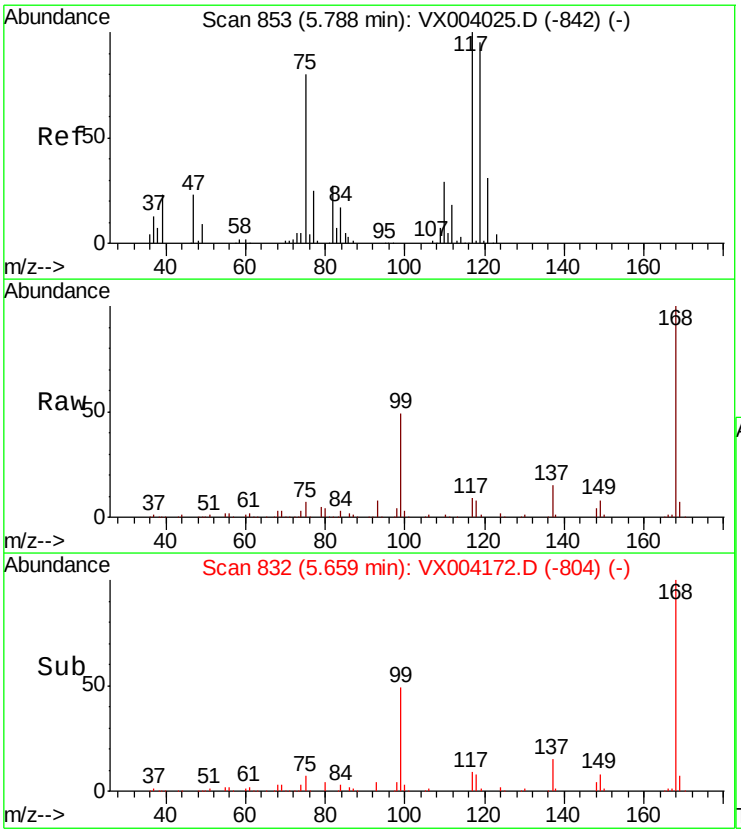
#36
1,1-Dichloropropene
Concen: 3.55 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 75 Resp: 17862

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	25.0	37.4#

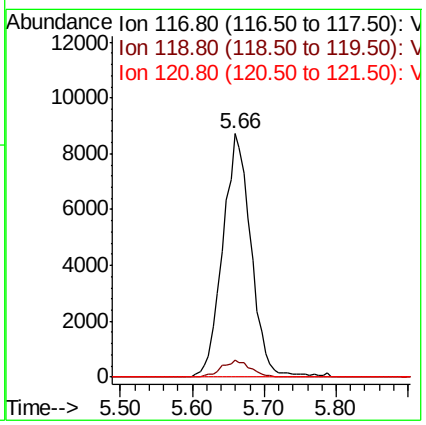


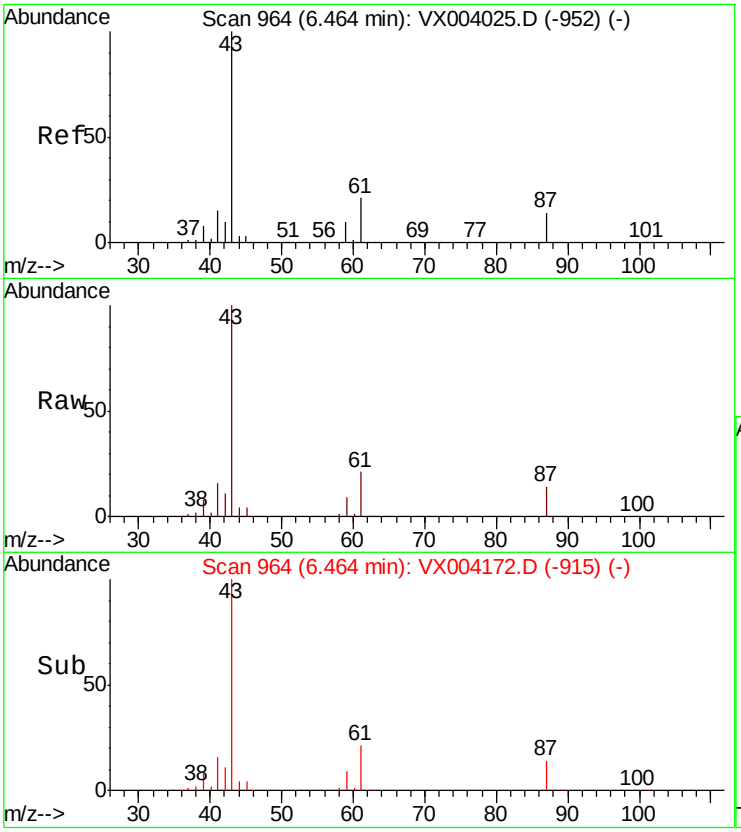


#38
Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion:117 Resp: 23826

Ion	Ratio	Lower	Upper
117	100		
119	6.8	79.5	119.3#
121	0.0	25.0	37.4#



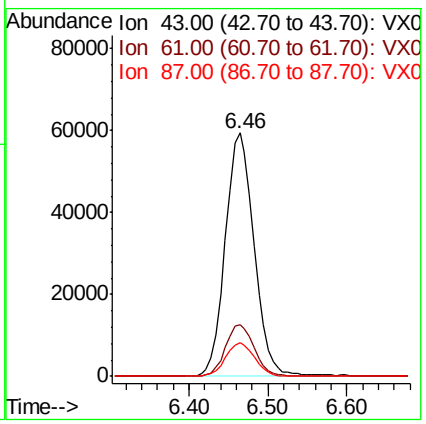


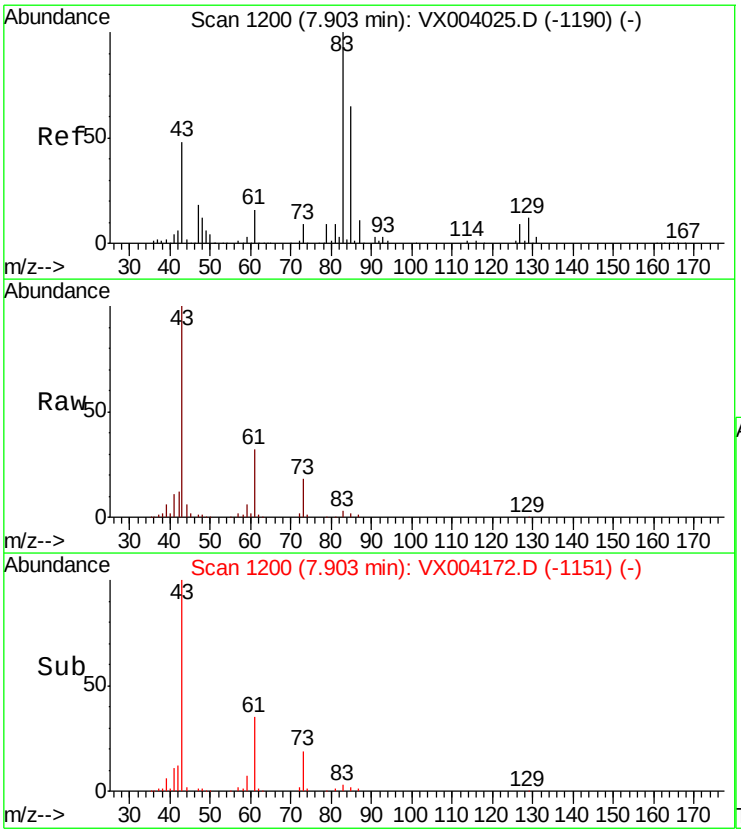
#43
Isopropyl Acetate
Concen: 18.78 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 43 Resp: 151490

Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	13.9	11.3	16.9

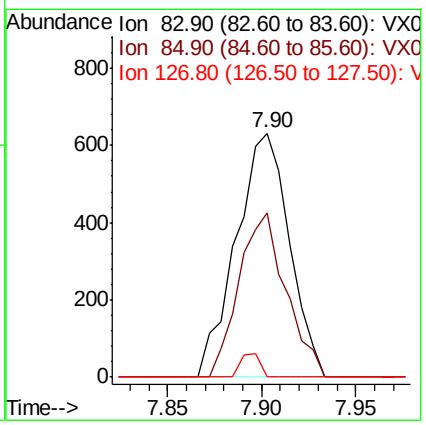


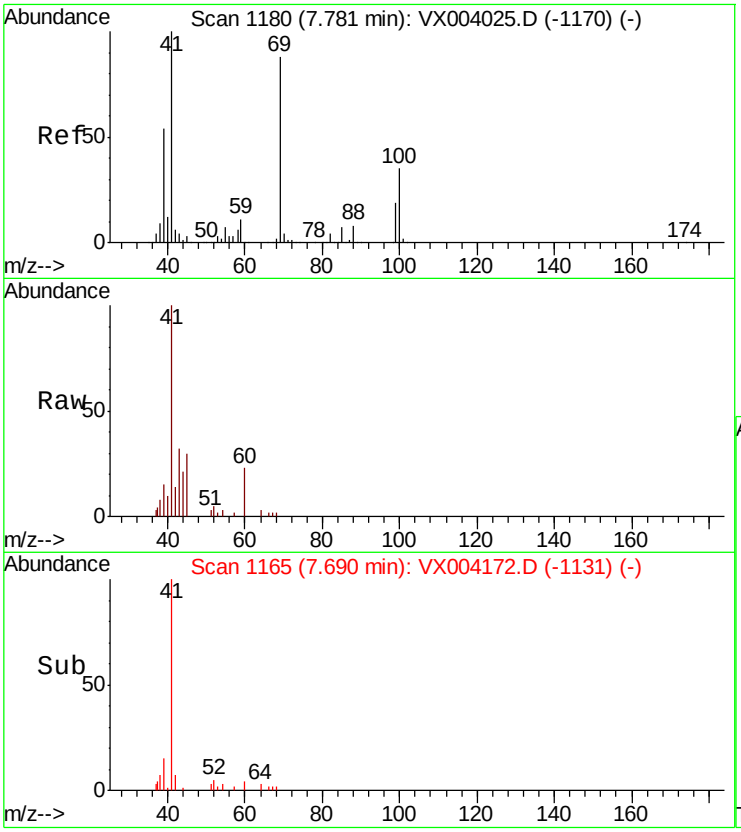


#47
Bromodichloromethane
Concen: 0.26 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 83 Resp: 1234

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.2	76.8
127	0.0	7.2	10.8#



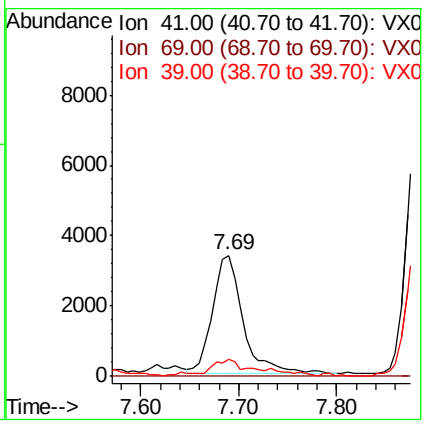


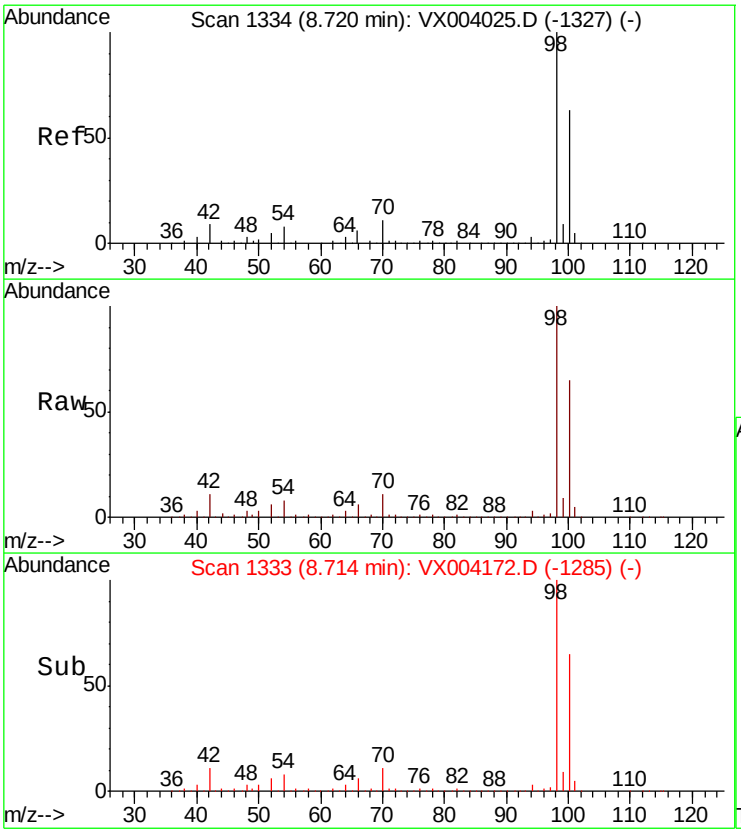
#48
Methyl methacrylate
Concen: 1.79 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 41 Resp: 7267

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.8	103.2#
39	12.0	42.3	63.5#

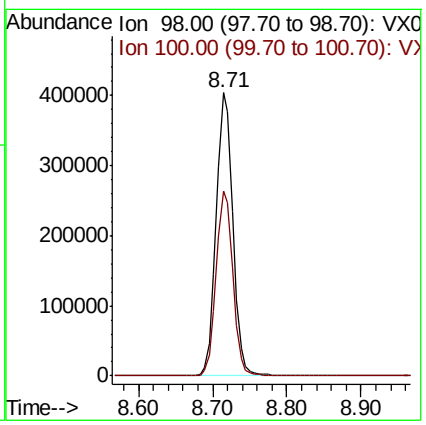


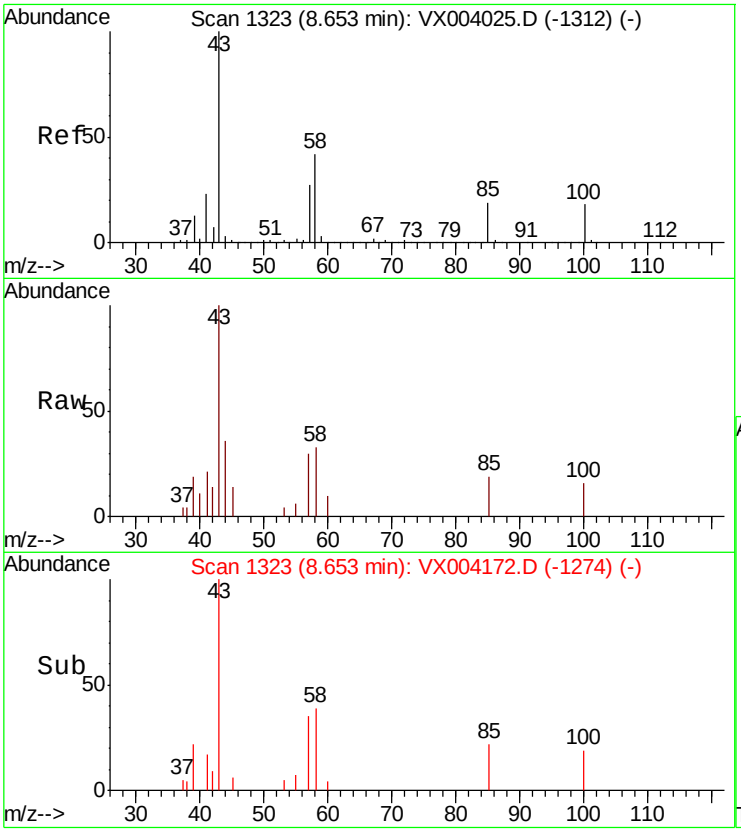


#50
Toluene-d8
Concen: 46.54 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 98 Resp: 623601

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.3	79.9



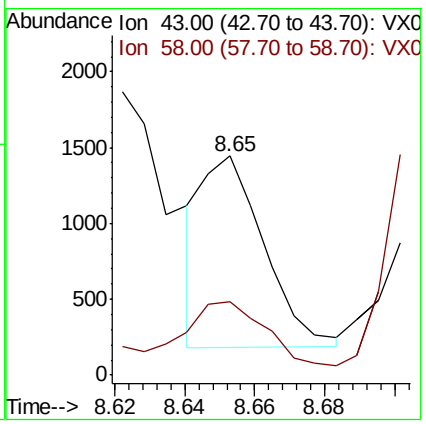


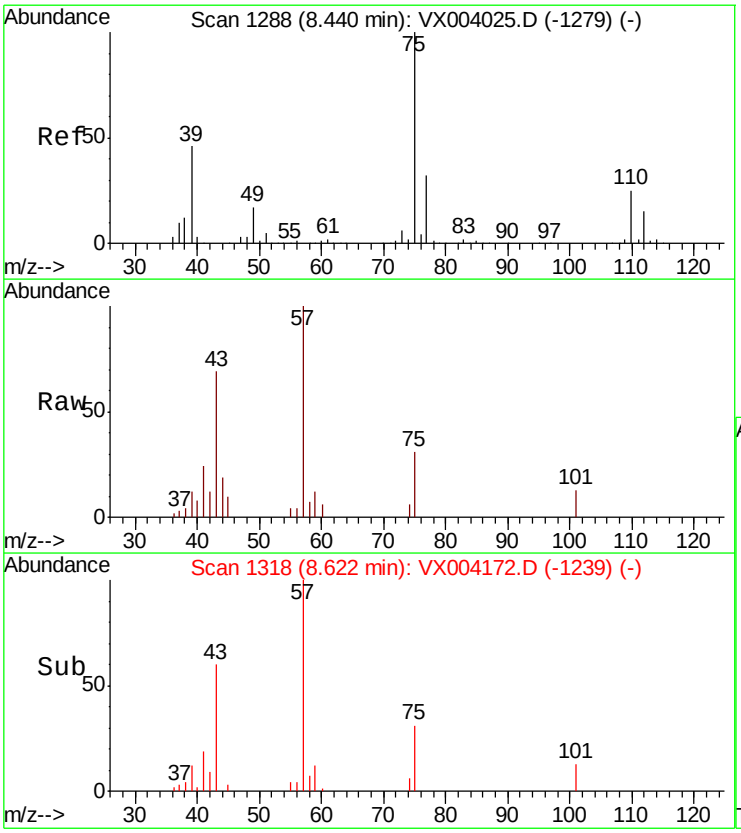
#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
58	71.0	33.0	49.6#

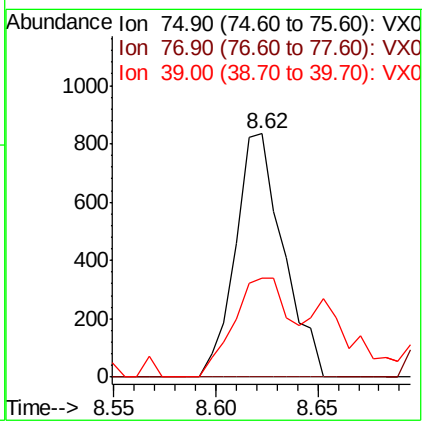


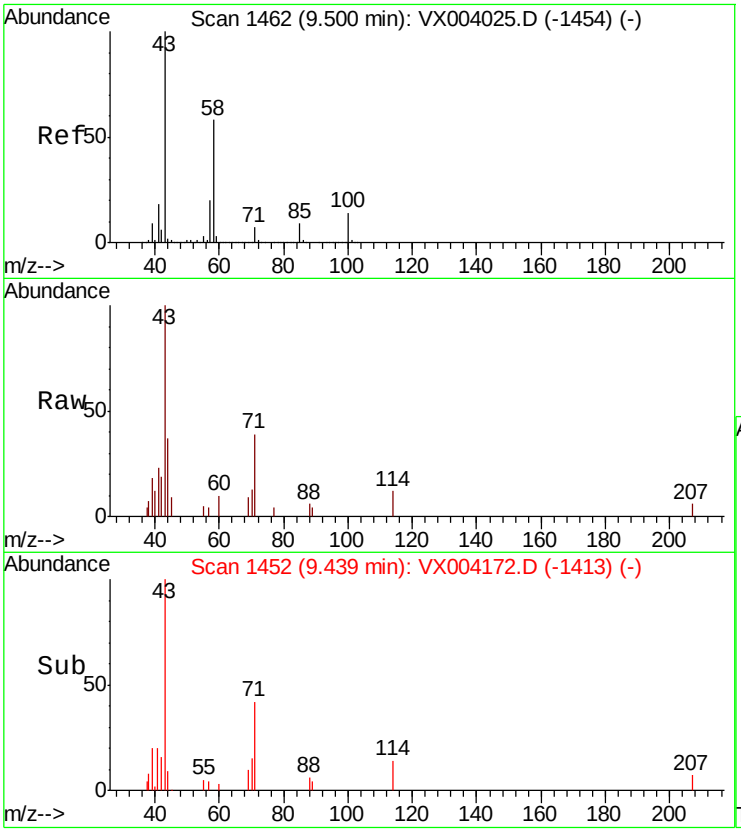


#54
cis-1,3-Dichloropropene
Concen: 0.24 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. 0.18 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 75 Resp: 1358

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	40.5	36.2	54.2



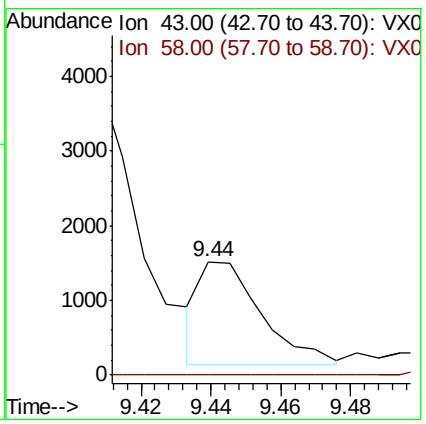


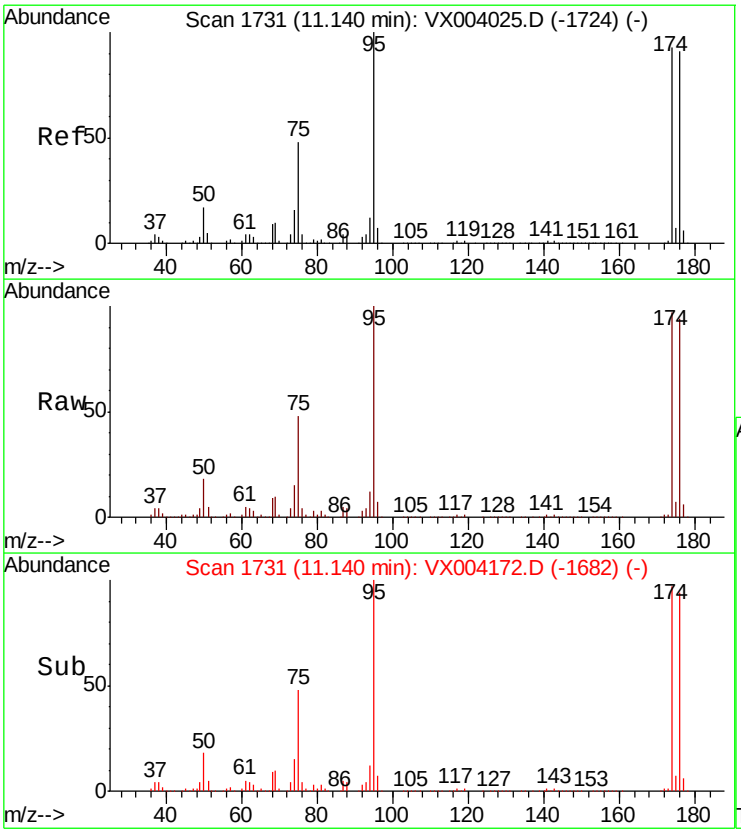
#59
2-Hexanone
Concen: 0.33 ug/l
RT: 9.44 min Scan# 1452
Delta R.T. -0.06 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion: 43 Resp: 1663

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#

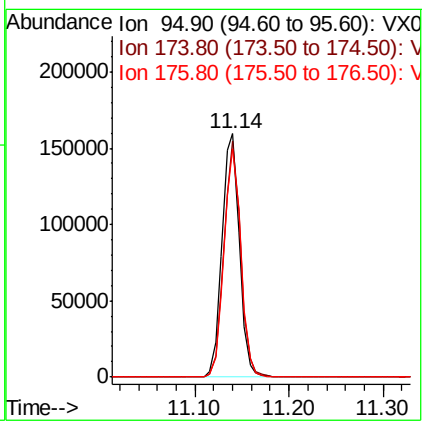


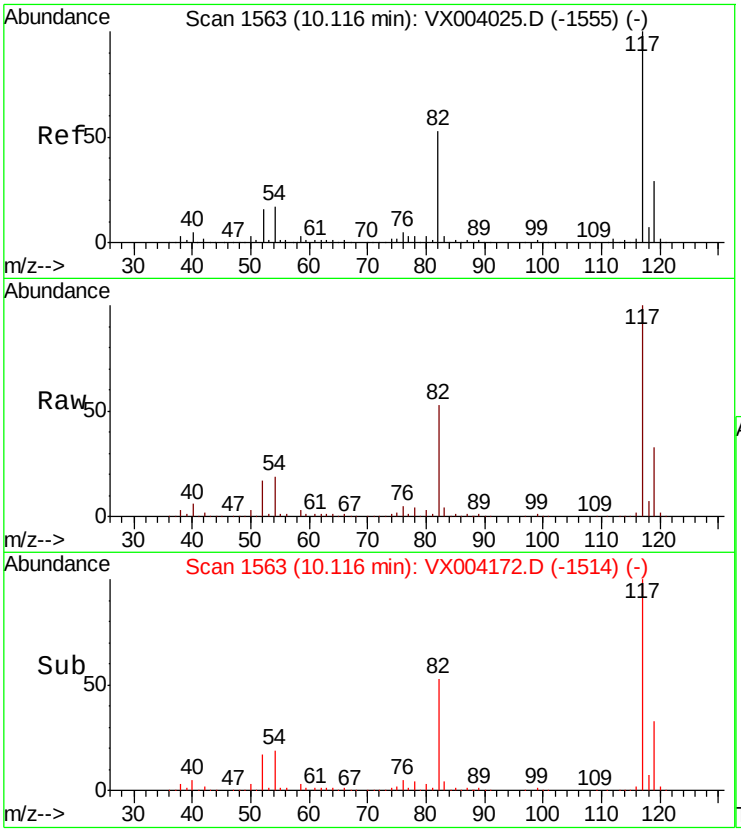


#62
4-Bromofluorobenzene
Concen: 42.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 95 Resp: 204212

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	182.8
176	91.3	0.0	179.0



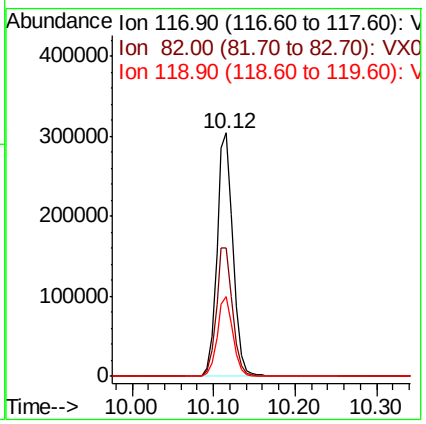


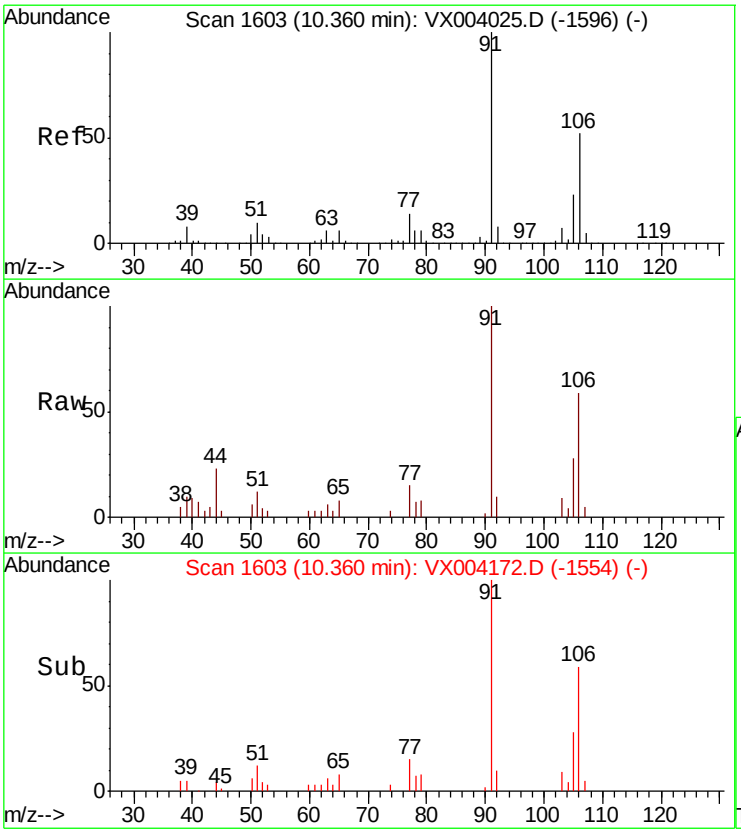
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument : MSVOA_X
ClientSampleId : HR-06-082018-A

Tgt Ion:117 Resp: 416949

Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.4	68.0
119	32.6	26.6	40.0

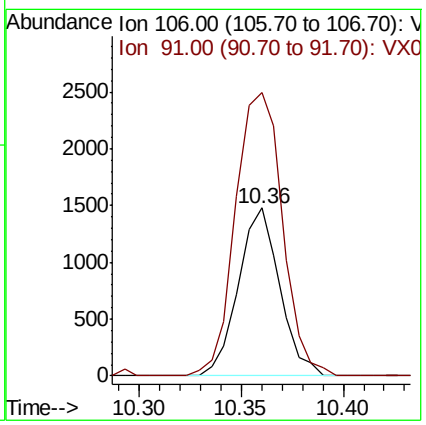


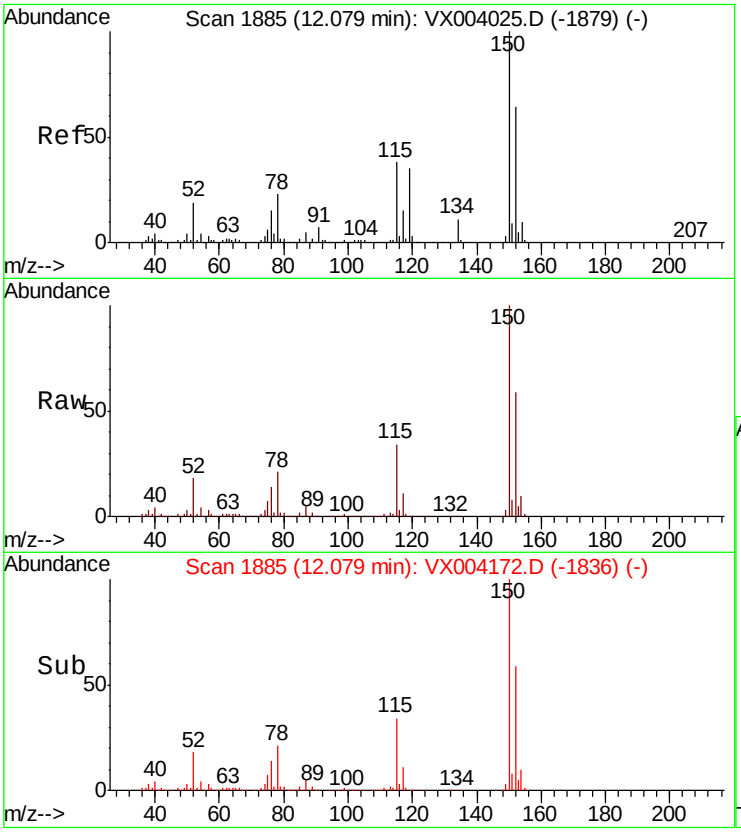


#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion:106 Resp: 2075

Ion	Ratio	Lower	Upper
106	100		
91	191.7	162.3	243.5



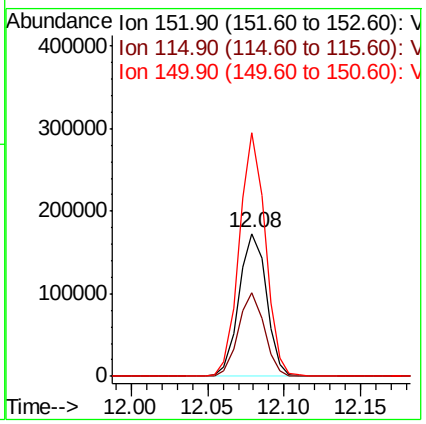


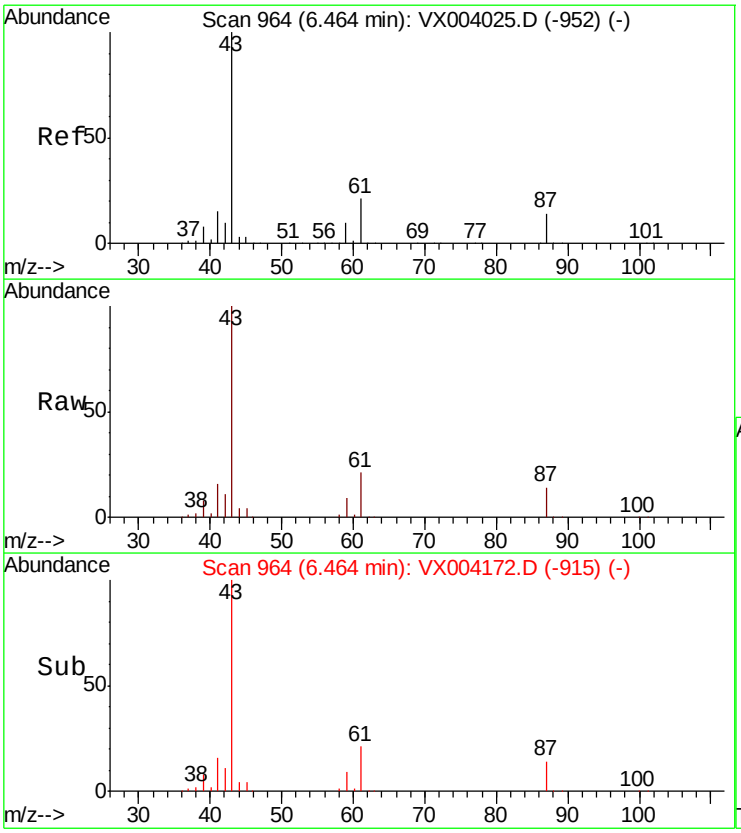
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion:152 Resp: 216182

Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.1	117.3
150	161.3	0.0	349.2

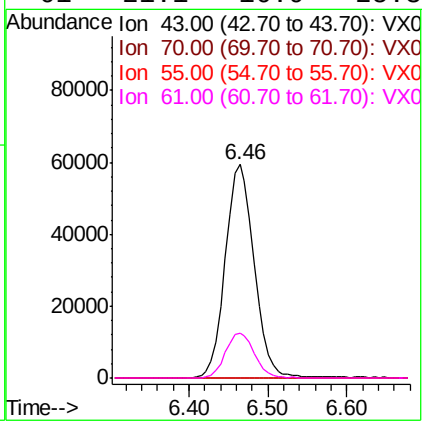


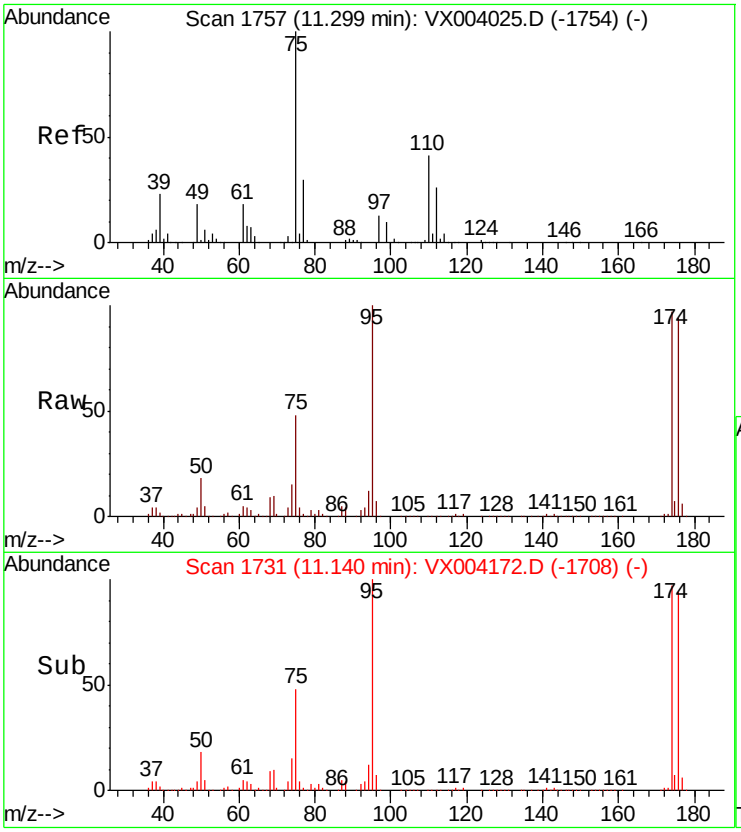


#74
N-amyl acetate
Concen: 22.02 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 43 Resp: 151490

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	21.1	16.9	25.3



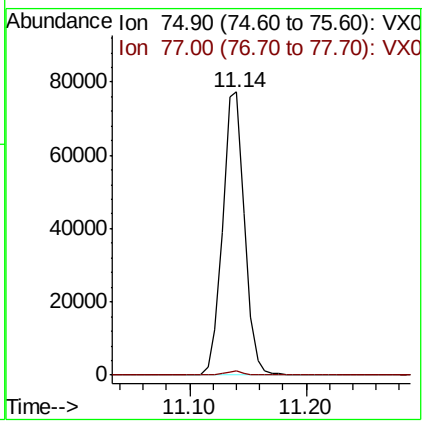


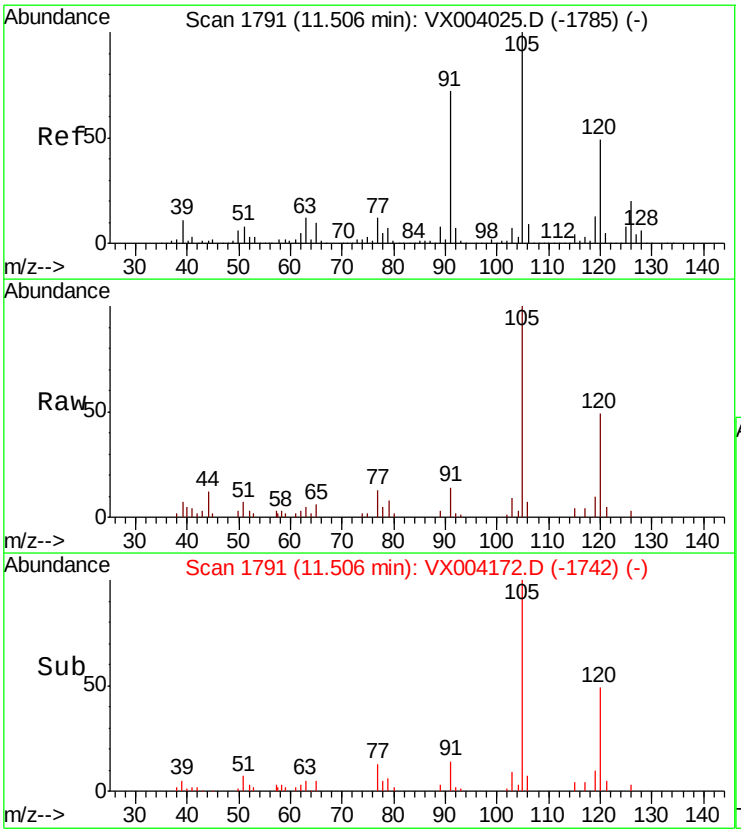
#76
1,2,3-Trichloropropane
Concen: 23.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 75 Resp: 100101

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.5#

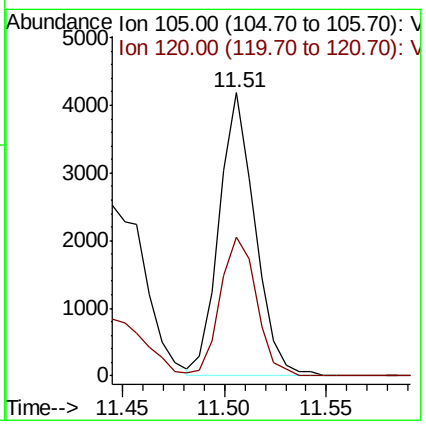


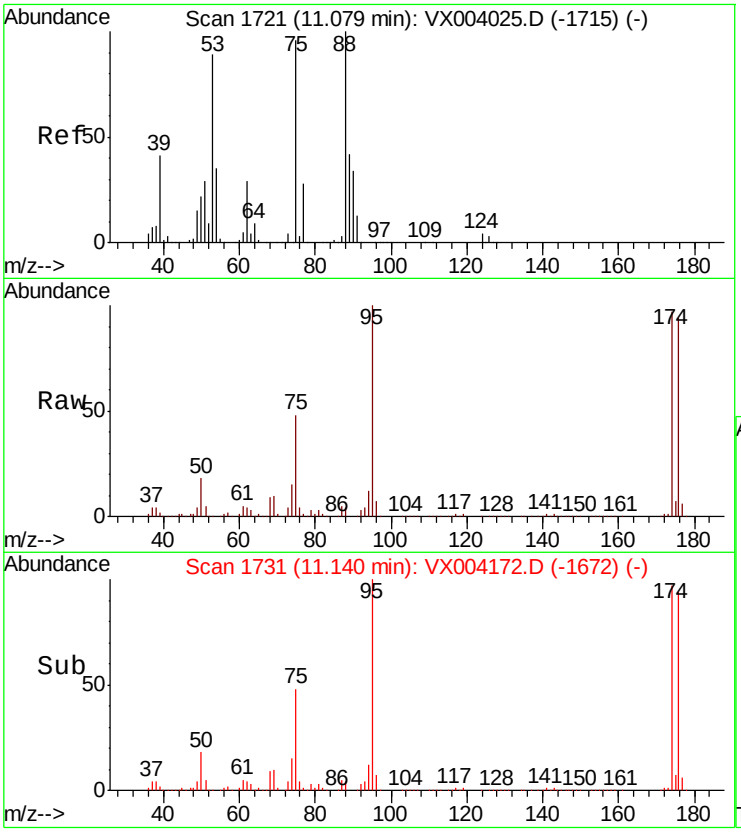


#80
1,3,5-Trimethylbenzene
Concen: 0.42 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion:105 Resp: 5084

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.4	76.2



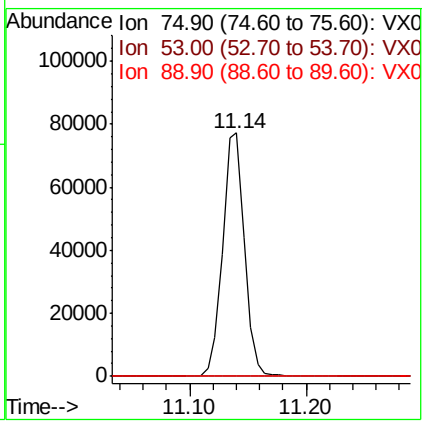


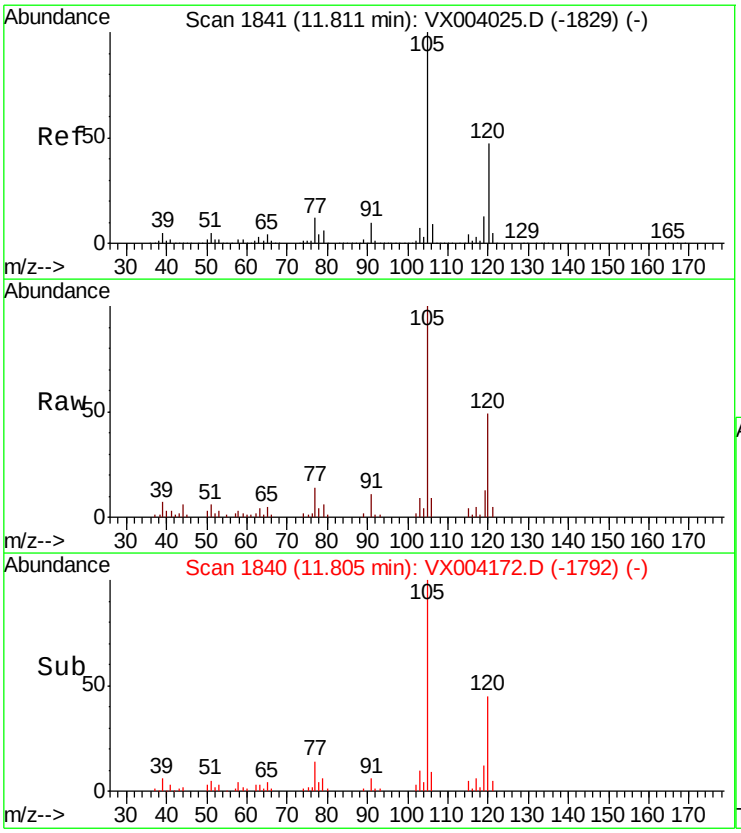
#81
trans-1,4-Dichloro-2-butene
Concen: 71.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion: 75 Resp: 100101

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#

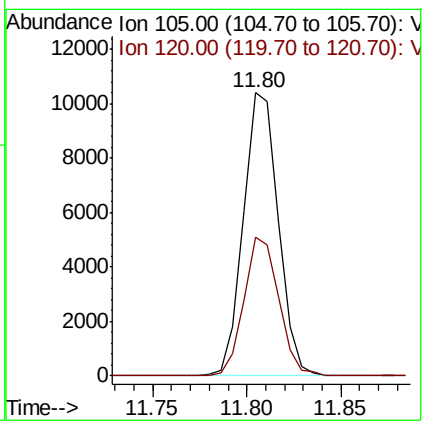


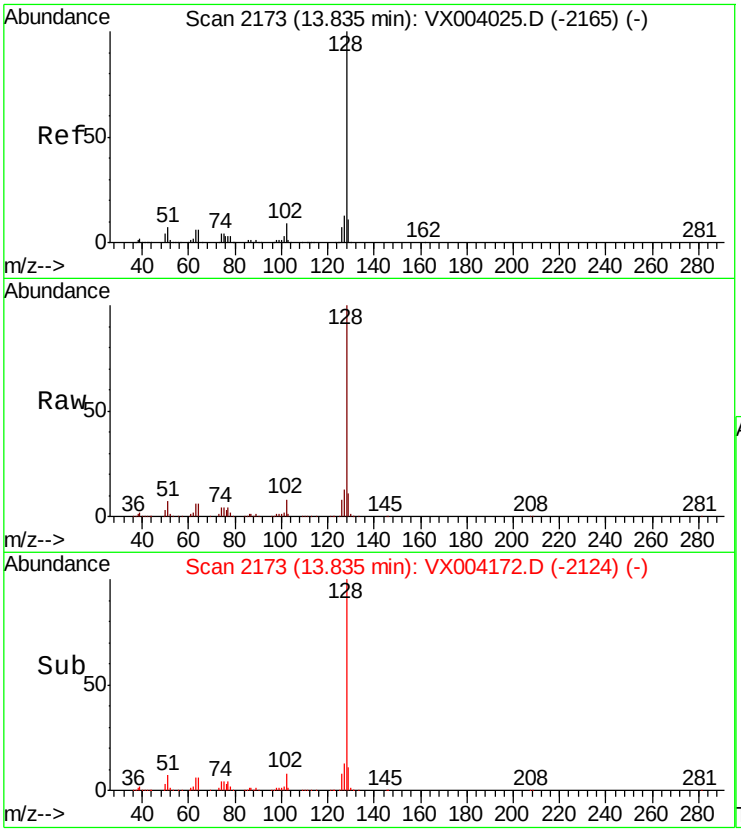


#84
1,2,4-Trimethylbenzene
Concen: 1.08 ug/l
RT: 11.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion:105 Resp: 13359

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.1	69.2





#95
Naphthalene
Concen: 9.82 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tgt Ion:128 Resp: 134266

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.3	8.8	13.2