Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
Data File : VX008155.D
Acq On : 16 Mar 2019 21:34
Operator : JC/SP
Sample : K1908-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-02

Quant Time: Mar 18 01:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	313333	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	424162	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	360011	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165016	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	136306	43.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.26%				
35) Dibromofluoromethane	5.50	113	125611	46.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.40%				
50) Toluene-d8	8.71	98	483906	47.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.60%				
62) 4-Bromofluorobenzene	11.13	95	159669	43.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.14%				
Target Compounds							Qvalue
5) Bromomethane	1.62	94	51	Below Cal		#	80
6) Chloroethane	1.73	64	434	Below Cal		#	43
8) Diethyl Ether	2.20	74	647	0.385	ug/l		62
11) Tert butyl alcohol	3.07	59	325	0.532	ug/l	#	73
13) Acrolein	2.30	56	205	0.364	ug/l		90
16) Acetone	2.45	43	10194	6.832	ug/l		98
17) Carbon Disulfide	2.57	76	1417	0.207	ug/l	#	75
18) Methyl Acetate	2.78	43	3086	0.957	ug/l	#	86
20) Methylene Chloride	2.86	84	6360	2.386	ug/l		85
25) 2-Butanone	4.71	43	2426	1.059	ug/l		90
29) Tetrahydrofuran	5.17	42	760	0.532	ug/l	#	81
31) Cyclohexane	5.66	56	4194	0.928	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17569	5.035	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	25222	7.509	ug/l	#	16
43) Isopropyl Acetate	6.46	43	14670	2.429	ug/l		99
48) Methyl methacrylate	7.68	41	6766	2.145	ug/l	#	16
49) 1,4-Dioxane	7.88	88	148	2.175	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	66584	16.727	ug/l	#	50
54) cis-1,3-Dichloropropene	8.62	75	36669	8.953	ug/l	#	56
57) 1,3-Dichloropropane	9.54	76	7831	1.710	ug/l	#	43
59) 2-Hexanone	9.54	43	98881	31.763	ug/l	#	52
76) 1,2,3-Trichloropropane	11.13	75	69769	24.345	ug/l	#	39
79) 2-Chlorotoluene	11.36	91	1433	0.202	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	69769	69.277	ug/l	#	11

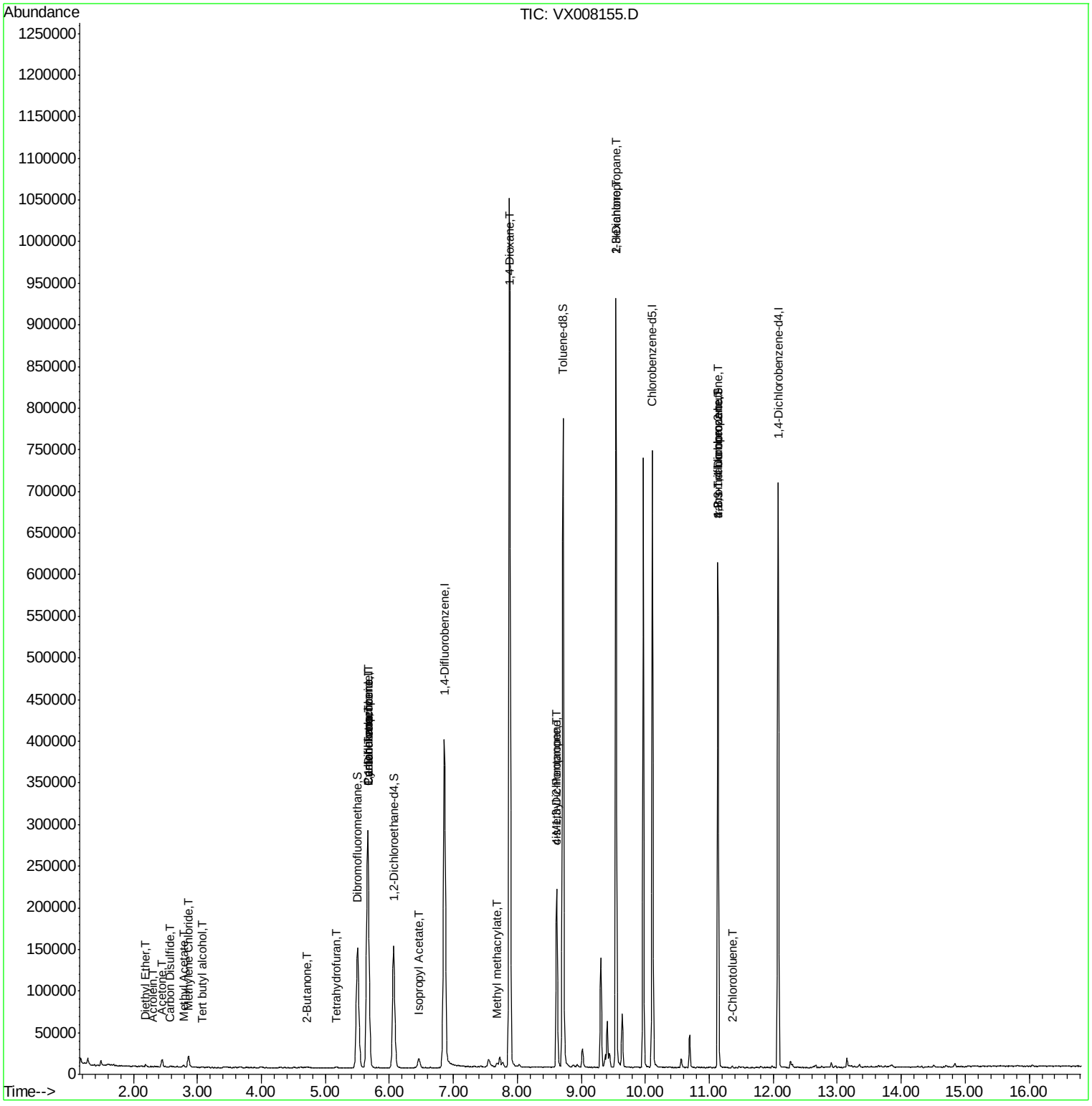
(#) = qualifier out of range (m) = manual integration (+) = signals summed

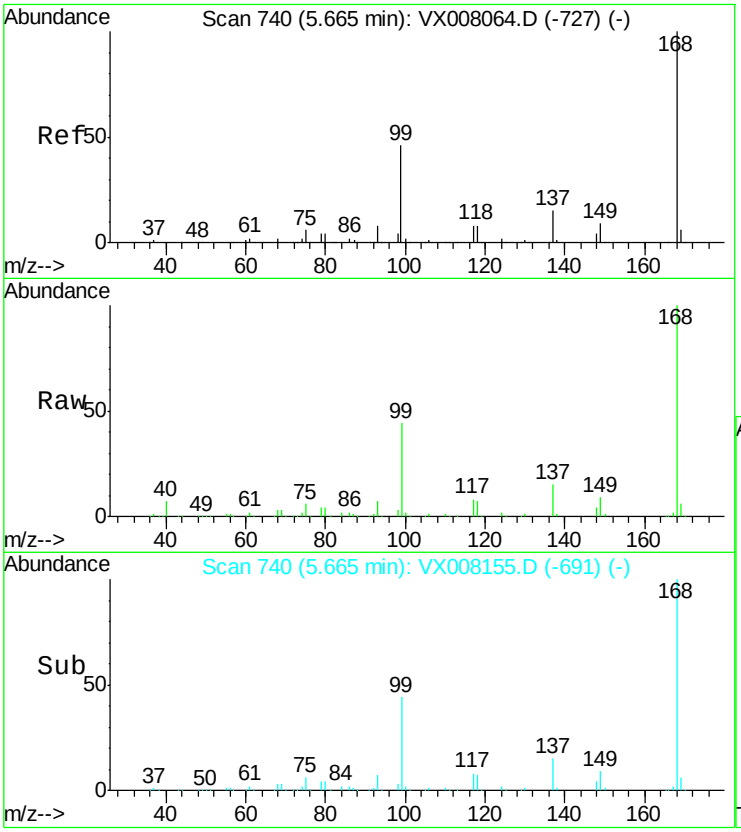
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
Data File : VX008155.D
Acq On : 16 Mar 2019 21:34
Operator : JC/SP
Sample : K1908-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Quant Time: Mar 18 01:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



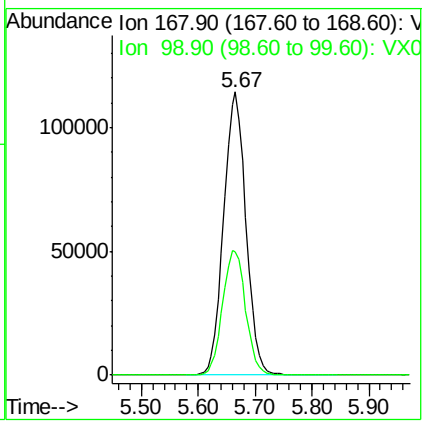


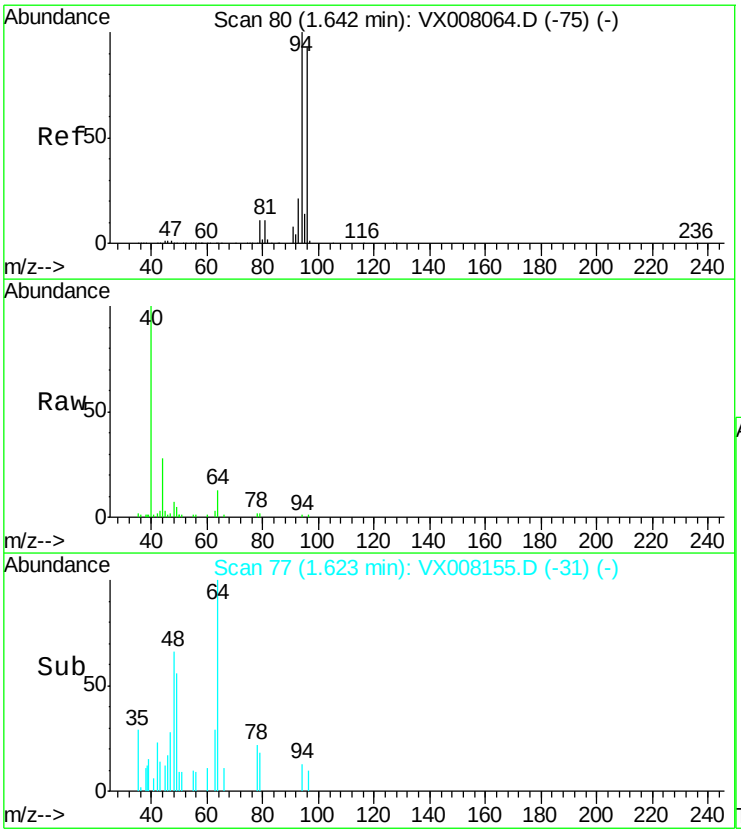
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion:168 Resp: 313333

Ion	Ratio	Lower	Upper
168	100		
99	43.5	37.6	56.4

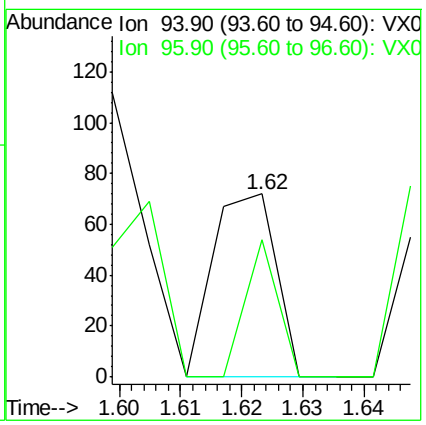


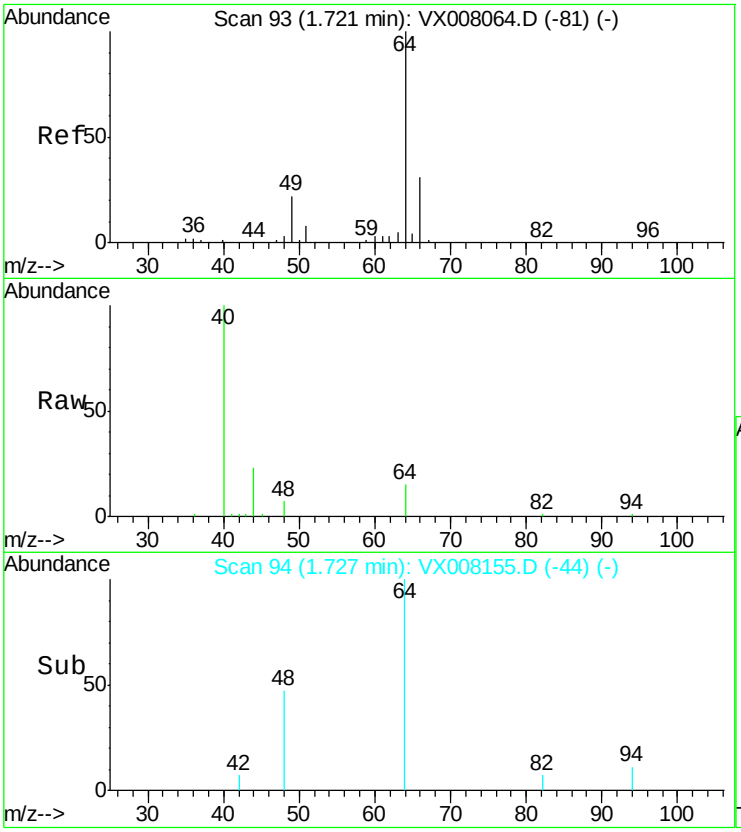


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 77
Delta R.T. -0.02 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 94 Resp: 51

Ion	Ratio	Lower	Upper
94	100		
96	75.0	75.5	113.3#



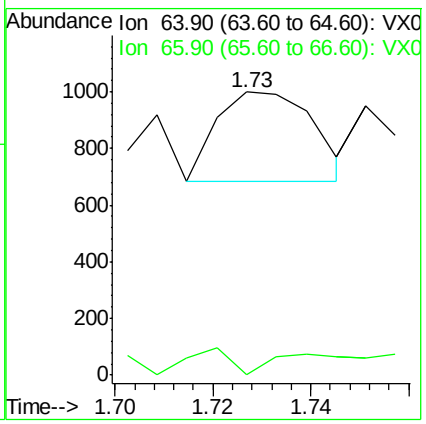


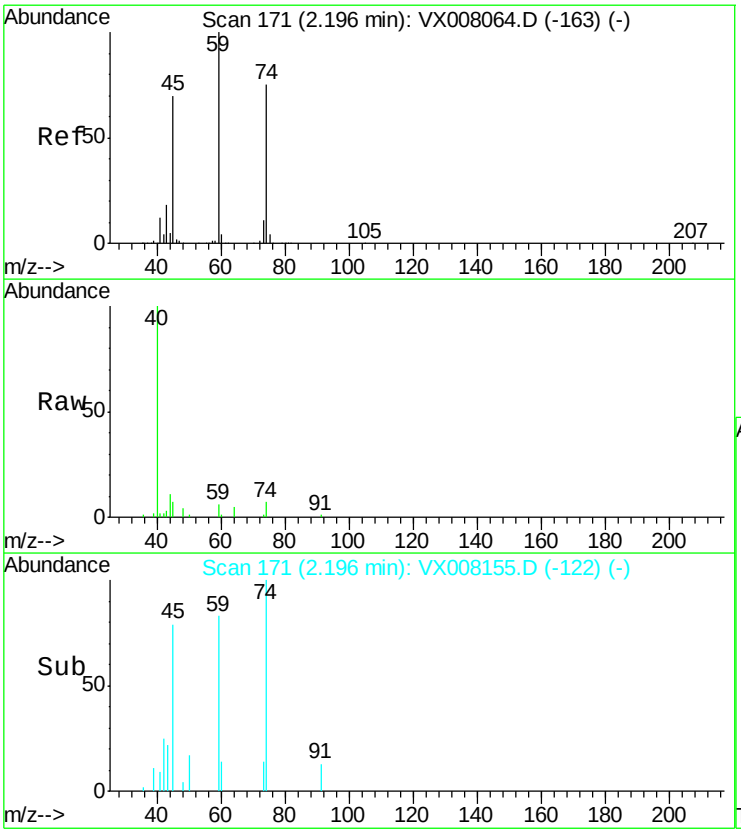
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 64 Resp: 434

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

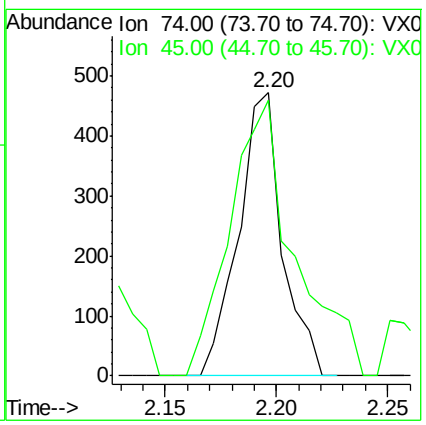


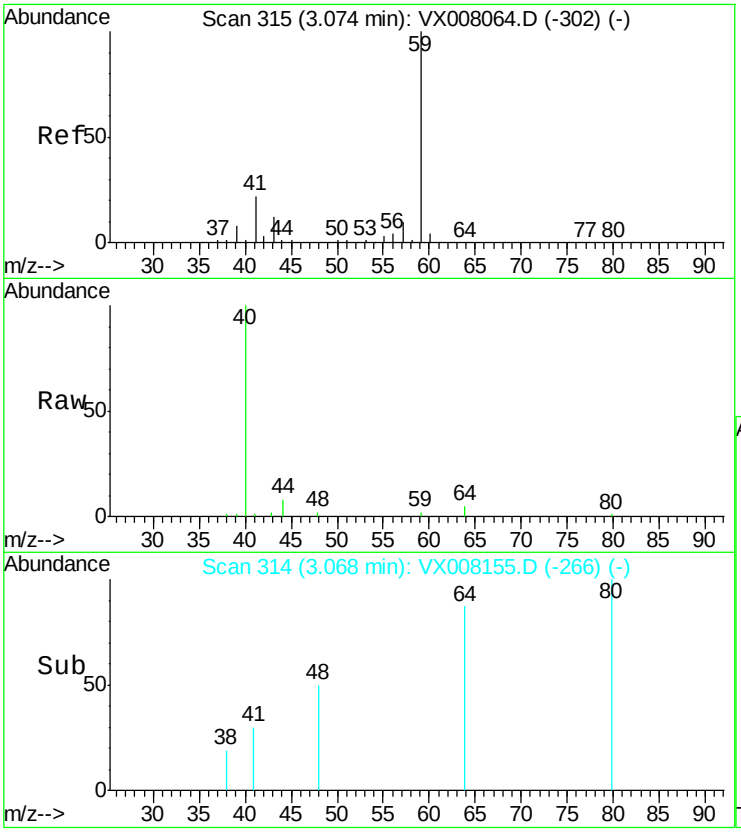


#8
Diethyl Ether
Concen: 0.385 ug/l
RT: 2.20 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 74 Resp: 647

Ion	Ratio	Lower	Upper
74	100		
45	143.4	52.1	156.4



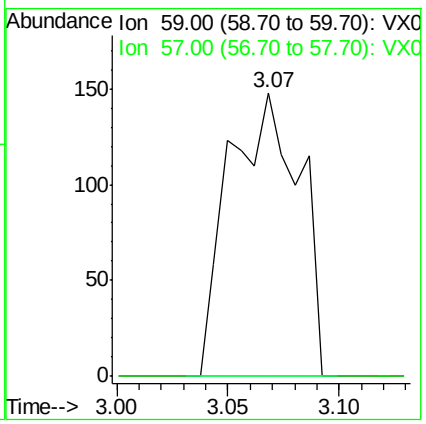


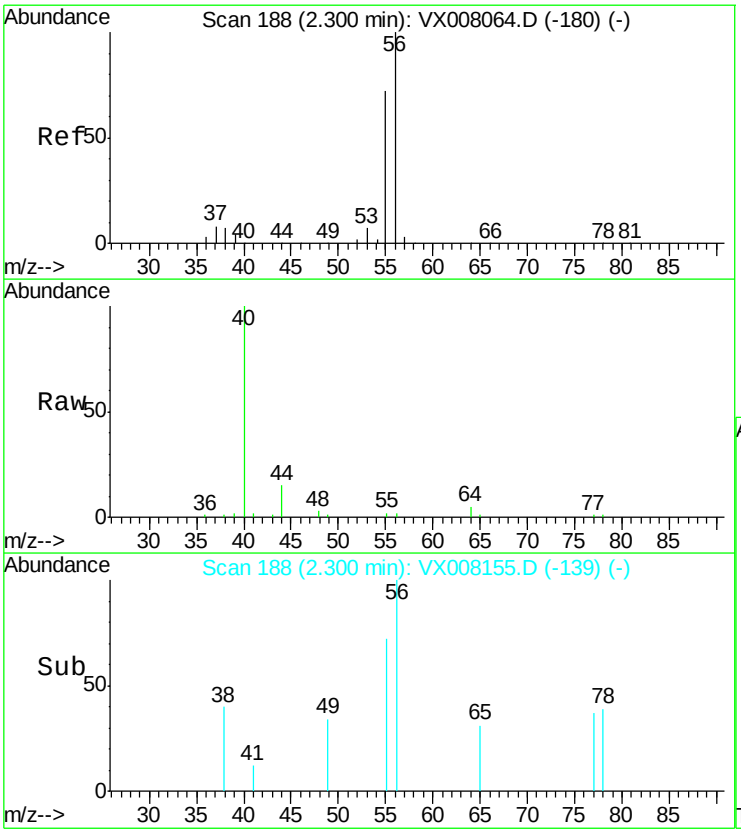
#11
Tert butyl alcohol
Concen: 0.532 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 59 Resp: 325

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

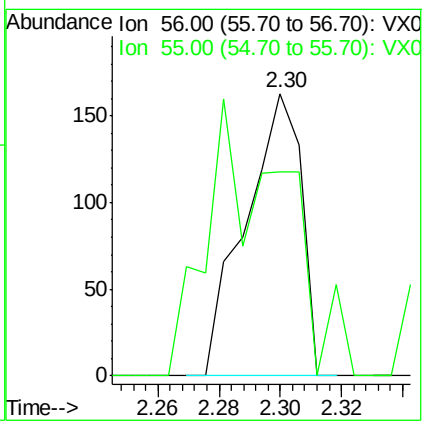


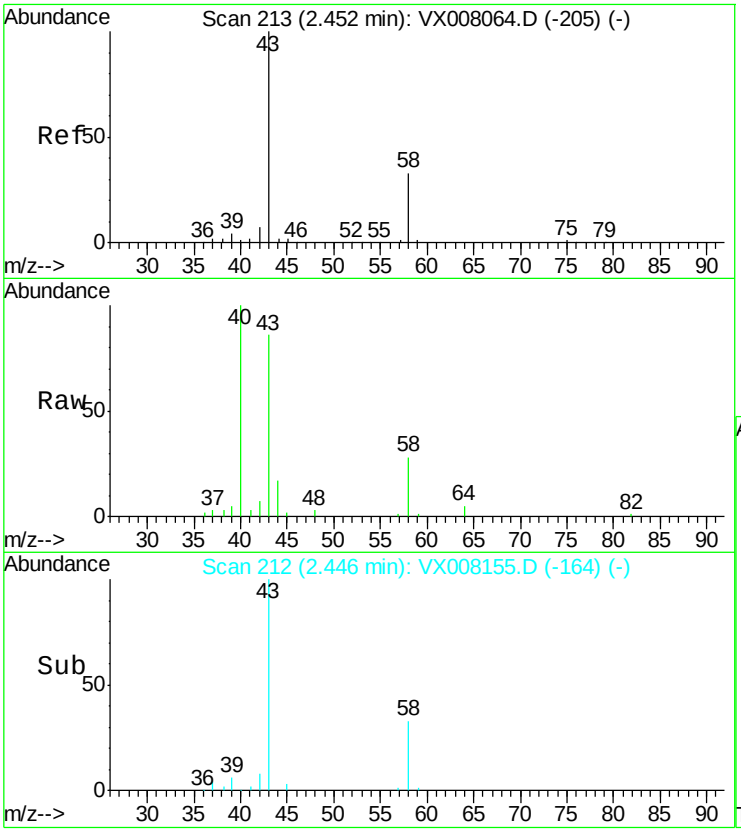


#13
Acrolein
Concen: 0.364 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	63.9	57.8	86.6



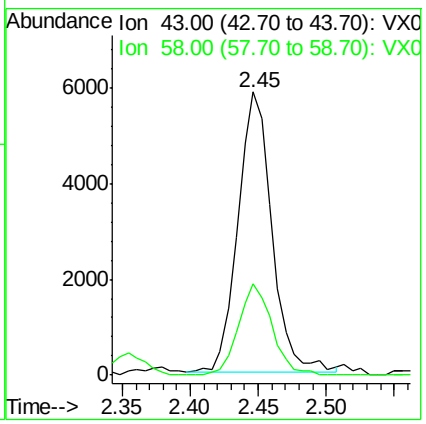


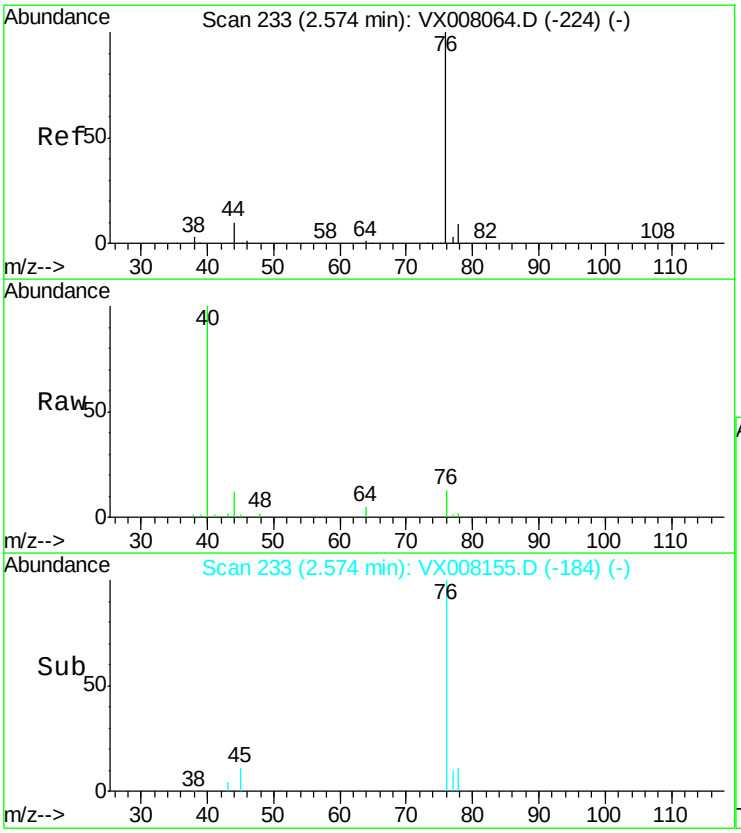
#16
Acetone
Concen: 6.832 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 43 Resp: 10194

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.5	38.3

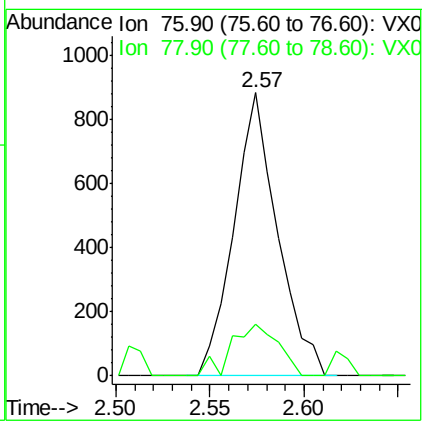


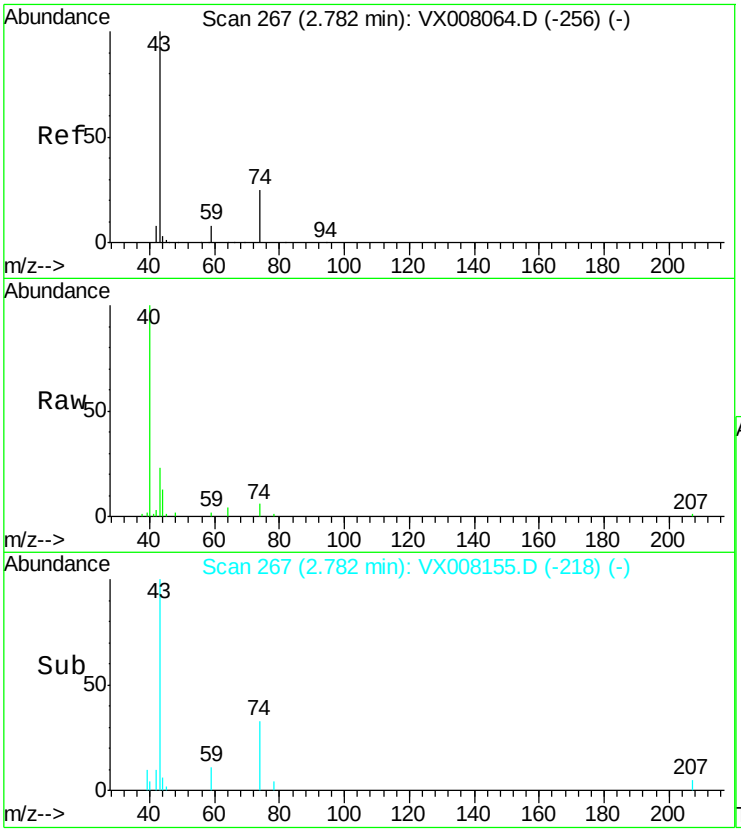


#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 76 Resp: 1417

Ion	Ratio	Lower	Upper
76	100		
78	18.1	7.2	10.8#



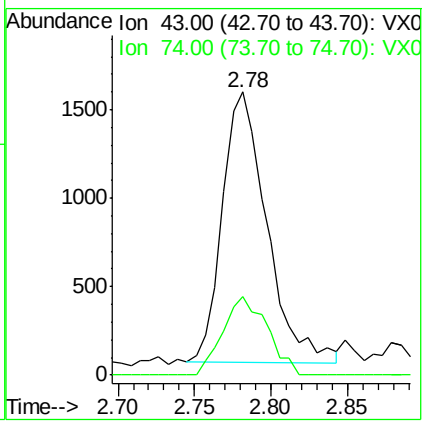


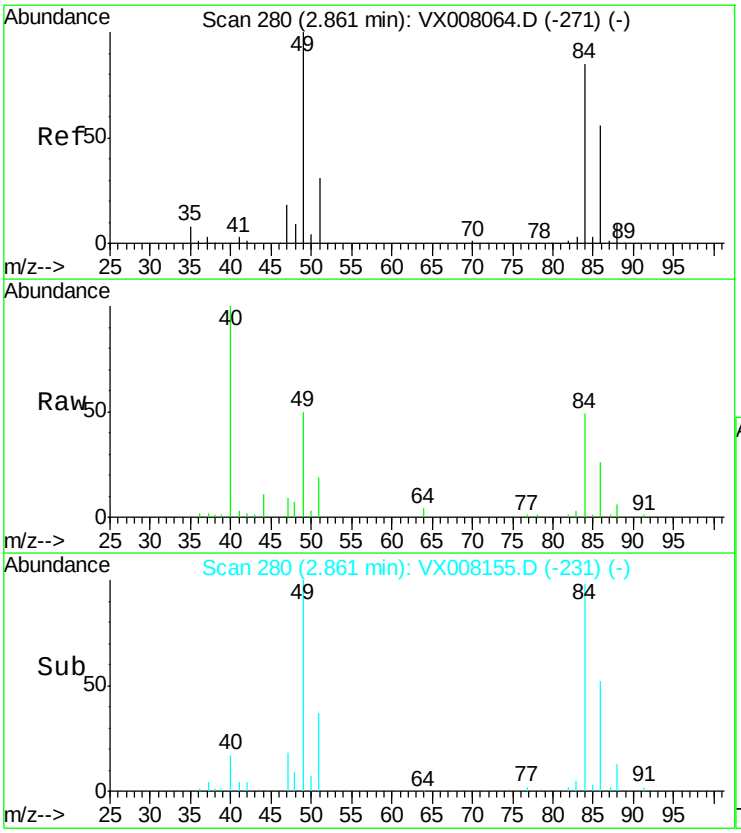
#18
Methyl Acetate
Concen: 0.957 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 43 Resp: 3086

Ion	Ratio	Lower	Upper
43	100		
74	29.0	17.8	26.6#

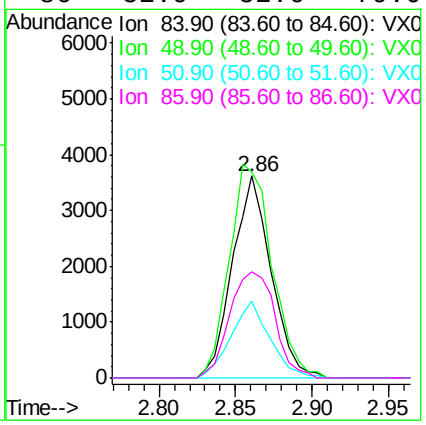


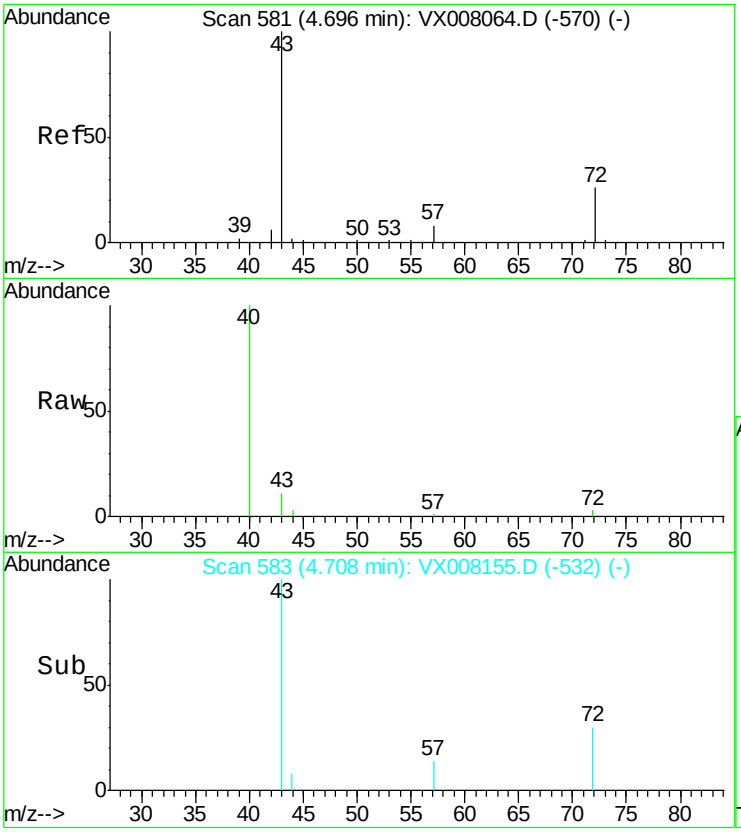


#20
Methylene Chloride
Concen: 2.386 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 84 Resp: 6360

Ion	Ratio	Lower	Upper
84	100		
49	102.4	99.3	148.9
51	38.3	31.3	46.9
86	52.9	52.6	79.0



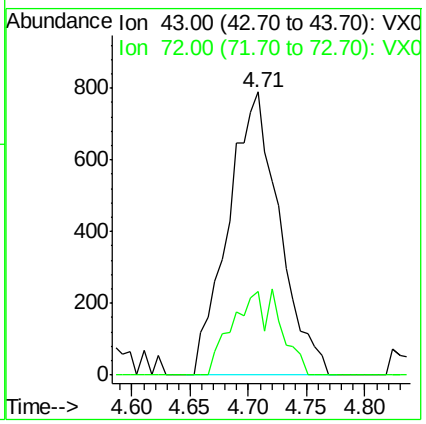


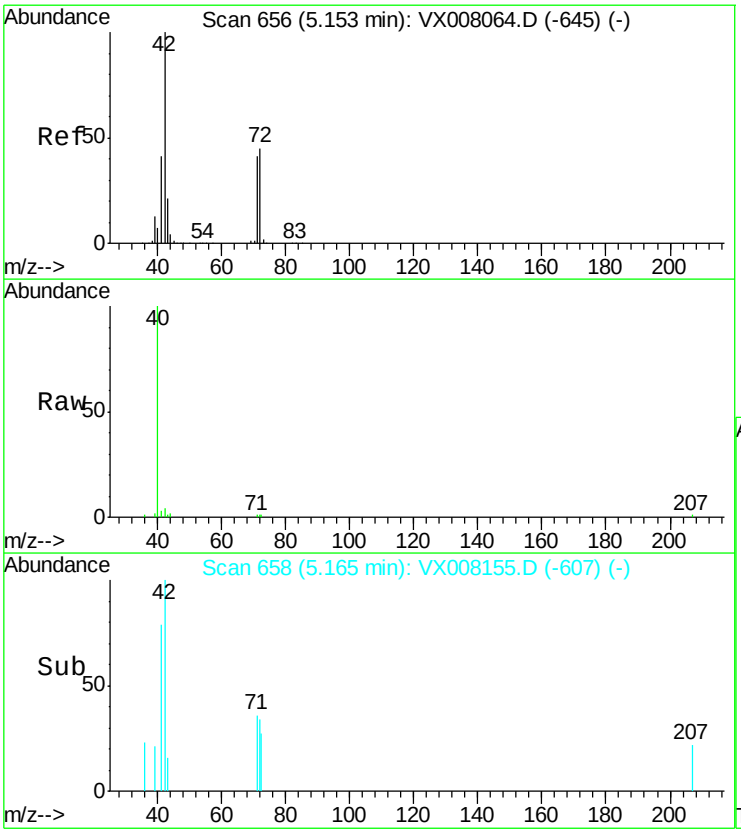
#25
2-Butanone
Concen: 1.059 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 43 Resp: 2426

Ion	Ratio	Lower	Upper
43	100		
72	29.7	19.9	29.9

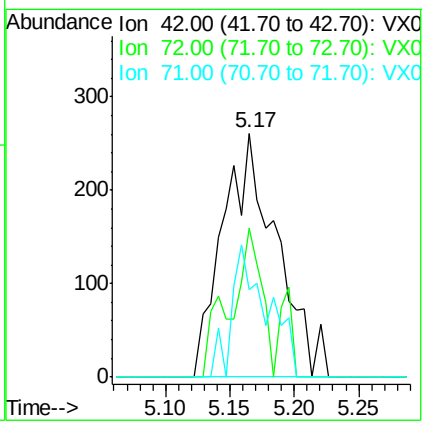


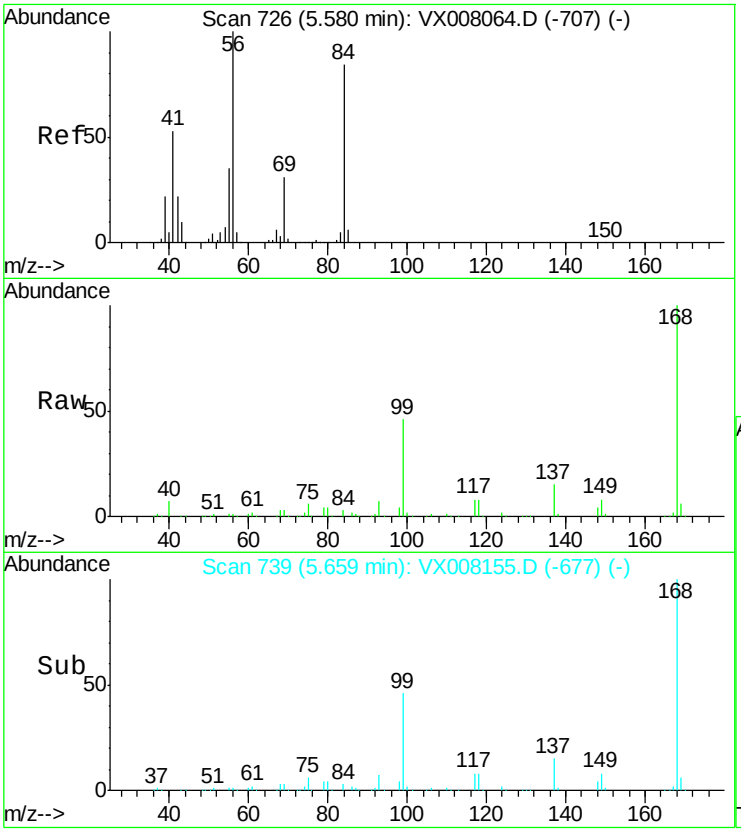


#29
Tetrahydrofuran
Concen: 0.532 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 42 Resp: 760

Ion	Ratio	Lower	Upper
42	100		
72	22.2	33.8	50.6#
71	35.9	31.5	47.3



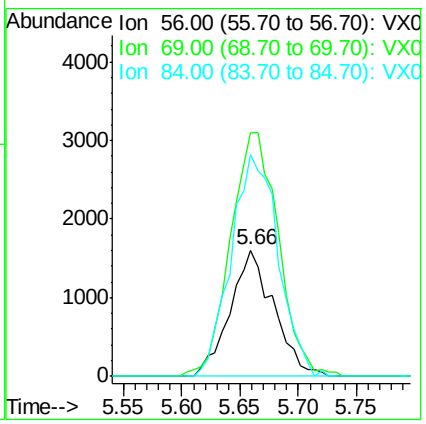


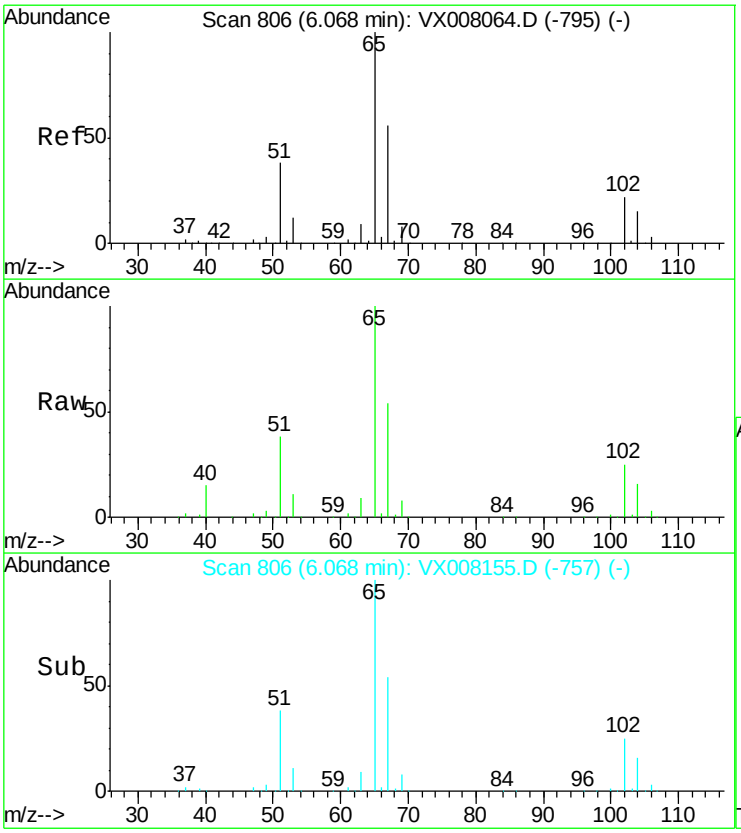
#31
Cyclohexane
Concen: 0.928 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 56 Resp: 4194

Ion	Ratio	Lower	Upper
56	100		
69	189.2	24.0	36.0#
84	175.5	65.3	97.9#

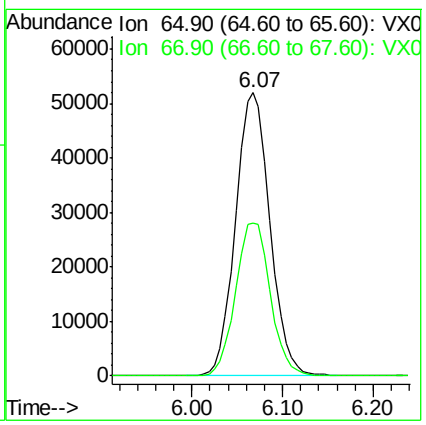


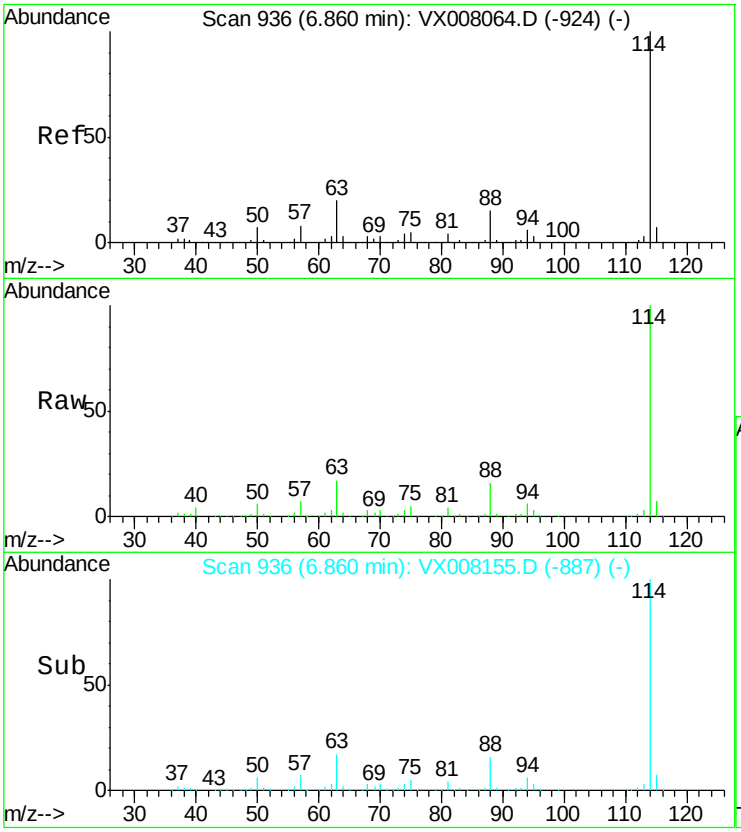


#33
1,2-Dichloroethane-d4
Concen: 43.125 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 65 Resp: 136306

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.0



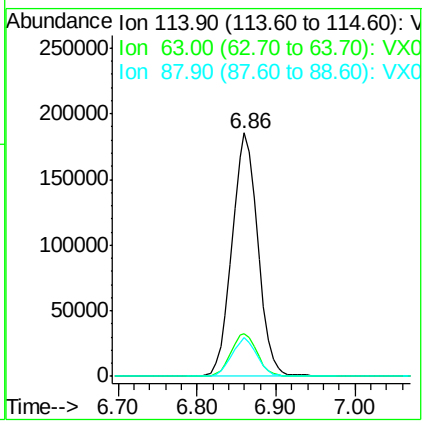


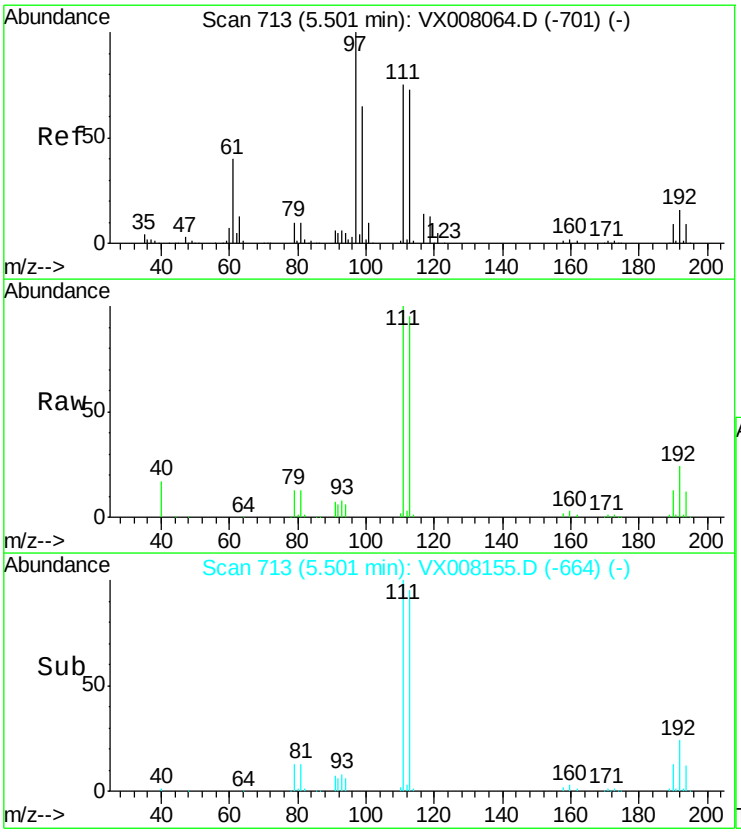
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion:114 Resp: 424162

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	39.8
88	15.8	0.0	31.4

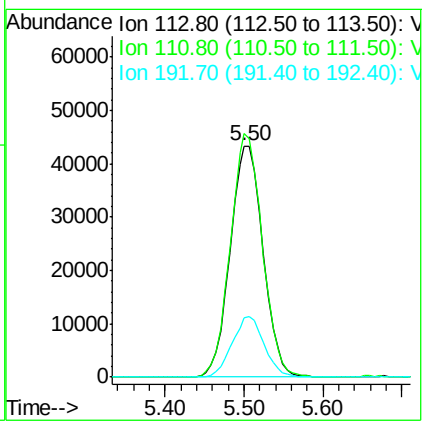


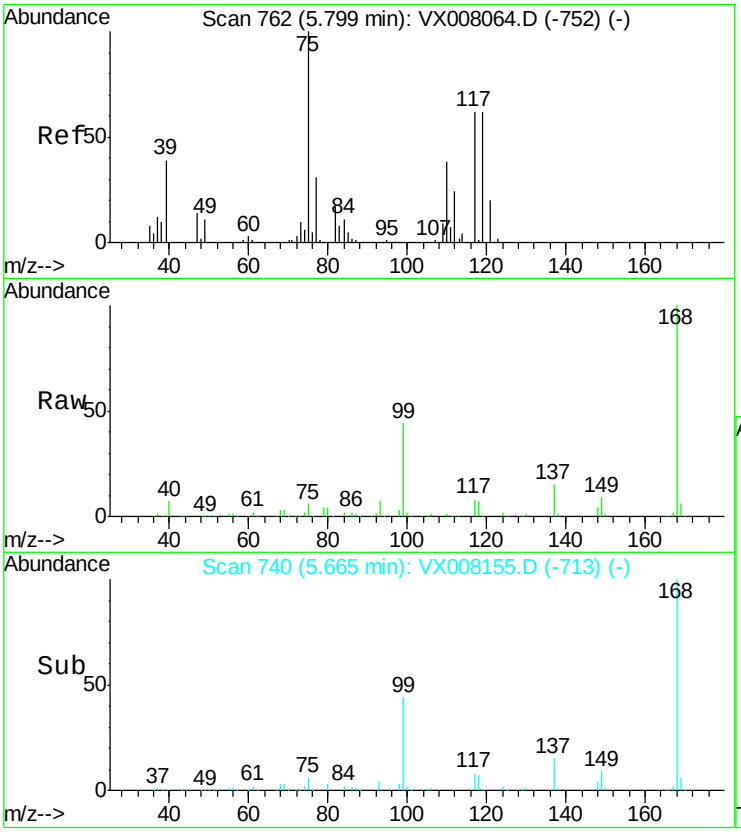


#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion:113 Resp: 125611

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	25.6	19.4	29.0



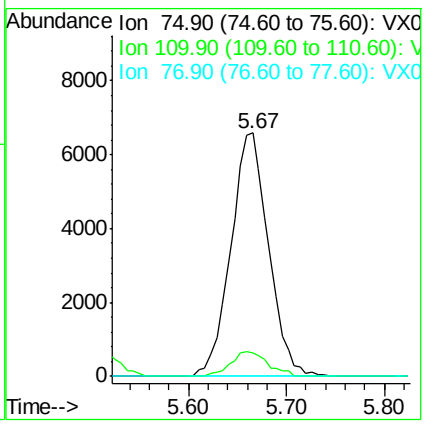


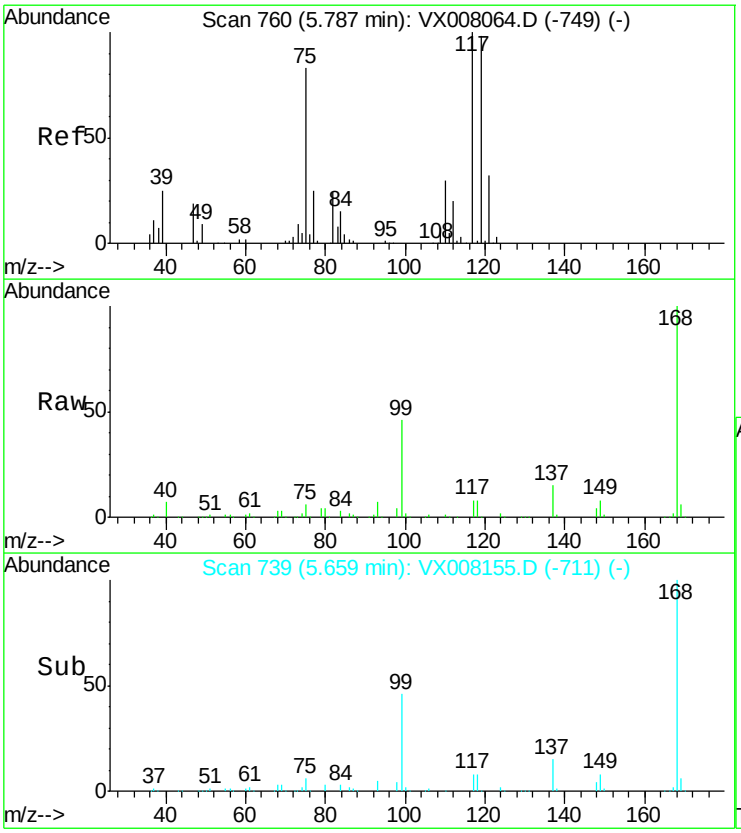
#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 75 Resp: 17569

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.4	55.0#
77	0.0	25.0	37.4#

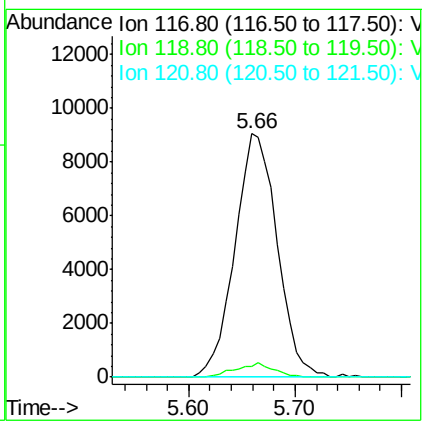


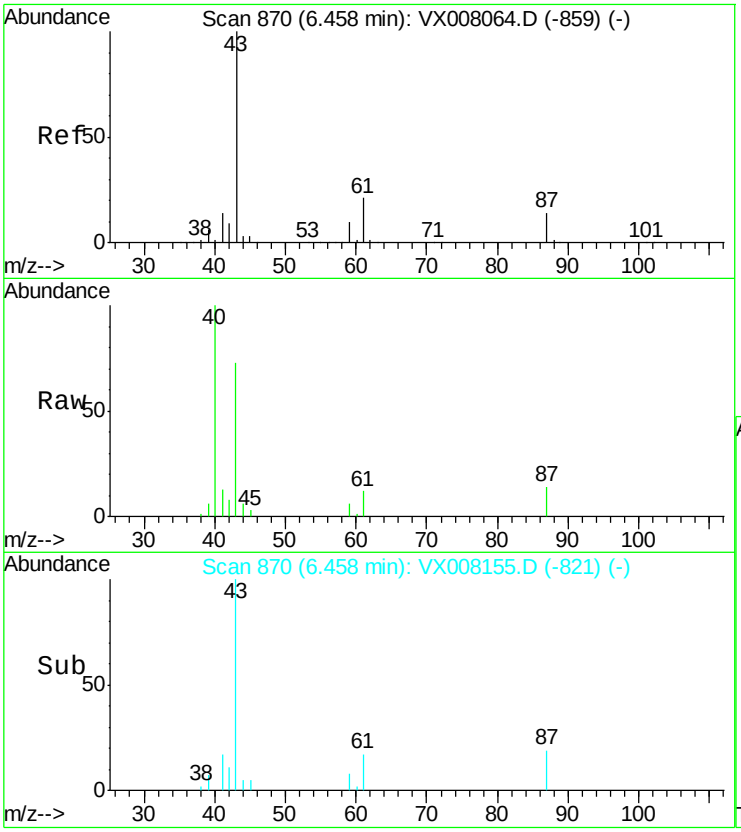


#38
Carbon Tetrachloride
Concen: 7.509 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion:117 Resp: 25222

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.6	36.8#



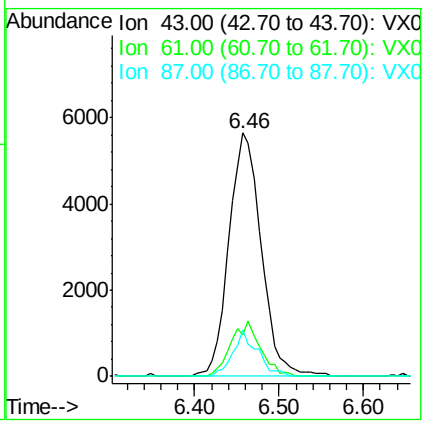


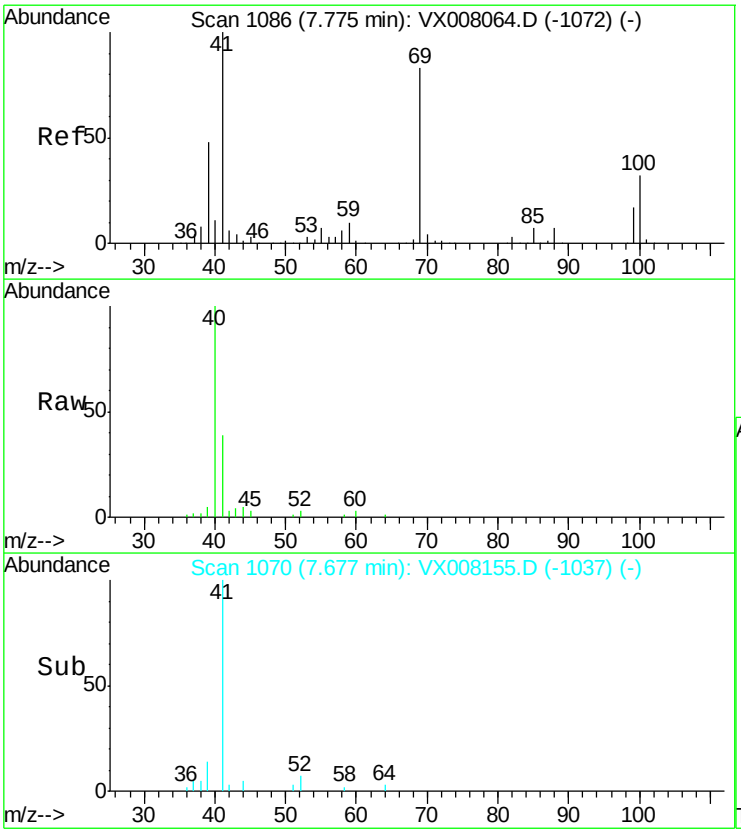
#43
Isopropyl Acetate
Concen: 2.429 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 43 Resp: 14670

Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	14.5	10.5	15.7

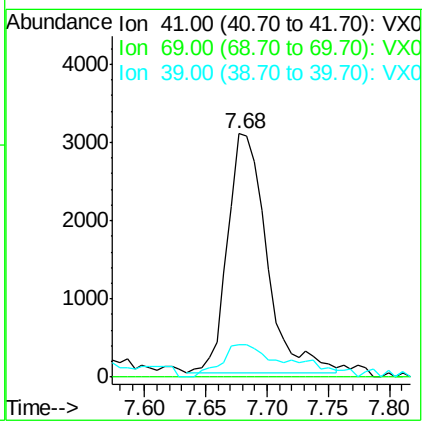


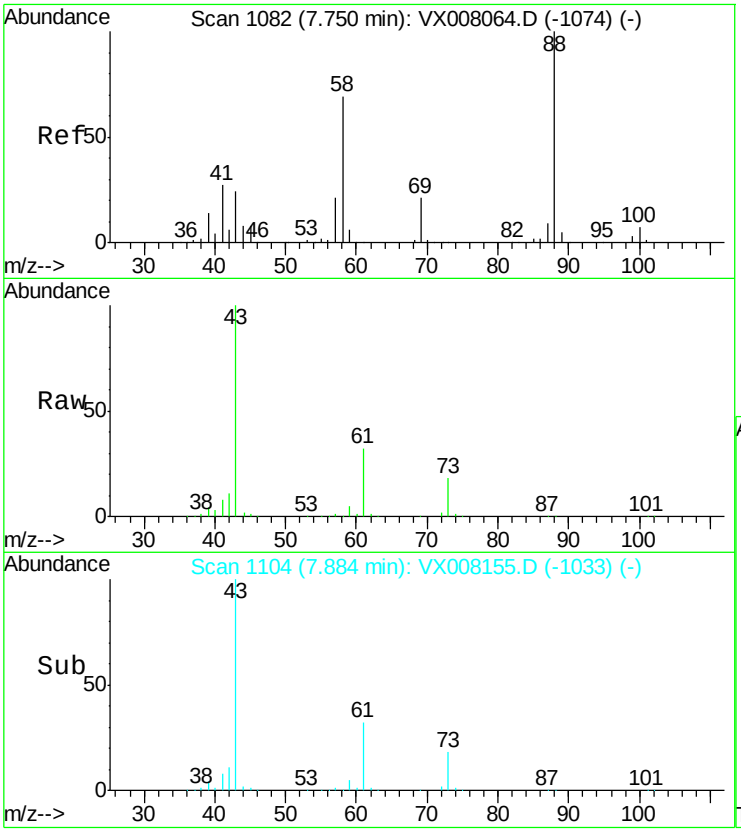


#48
Methyl methacrylate
Concen: 2.145 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.10 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 41 Resp: 6766

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.2	97.8#
39	0.0	39.4	59.2#



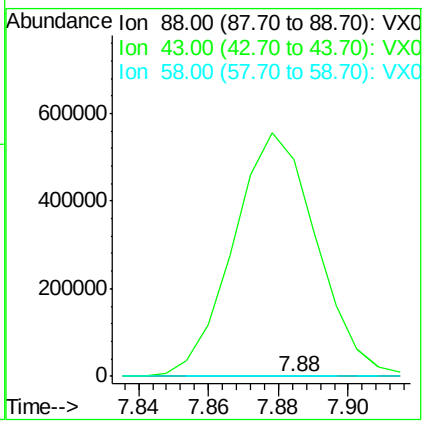


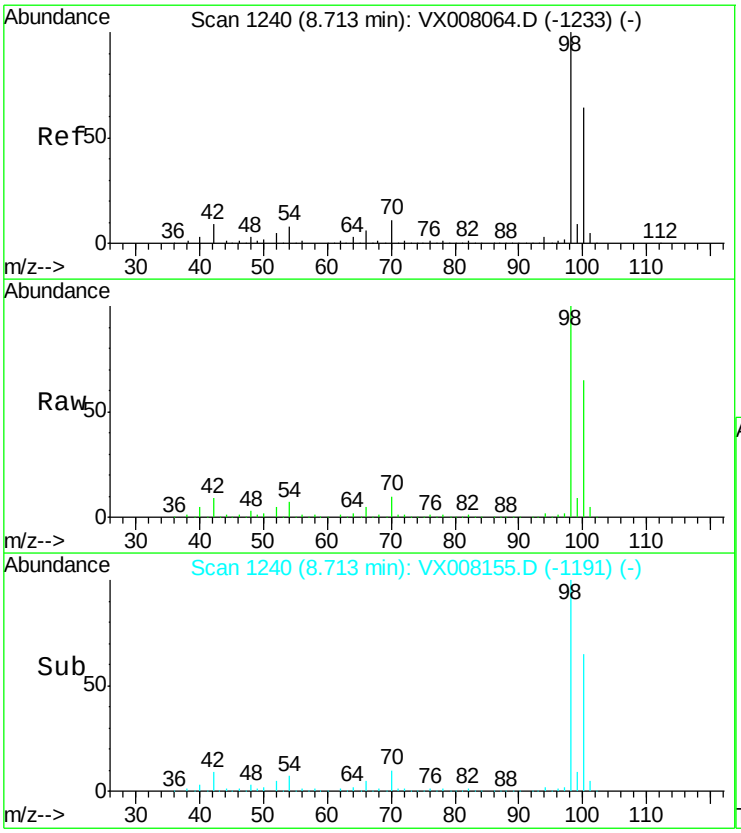
#49
1,4-Dioxane
Concen: 2.175 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.13 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 88 Resp: 148

Ion	Ratio	Lower	Upper
88	100		
43	629202.7	25.1	37.7#
58	2706.8	57.8	86.6#

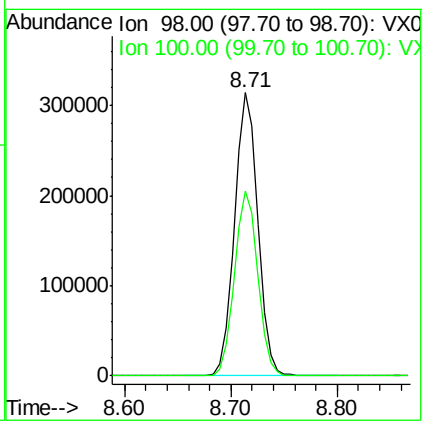


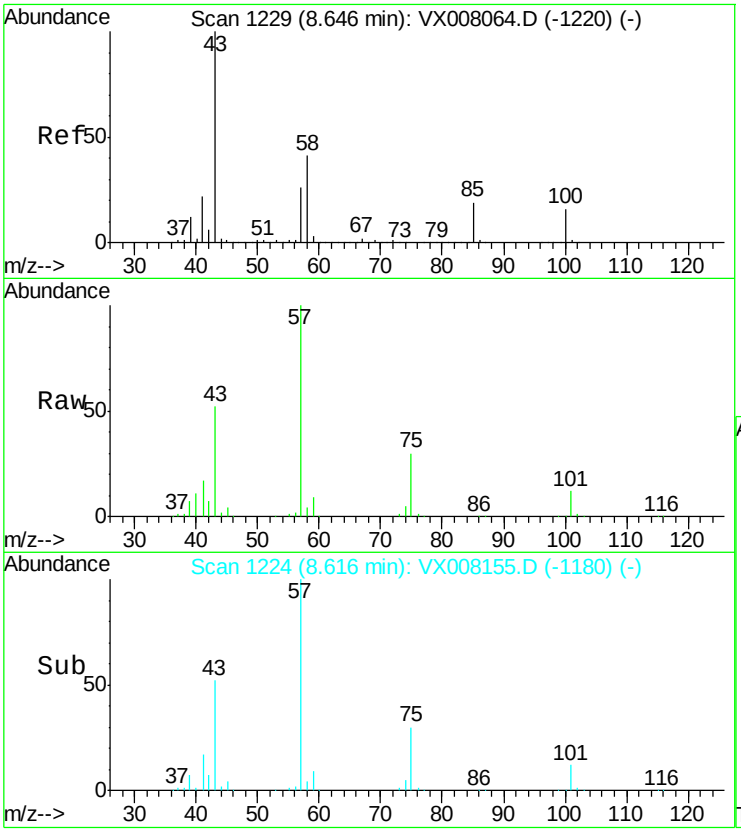


#50
Toluene-d8
Concen: 47.302 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 98 Resp: 483906

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



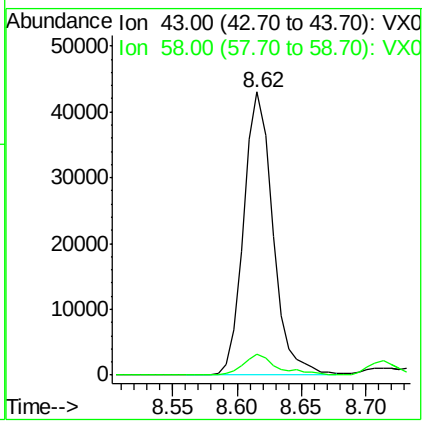


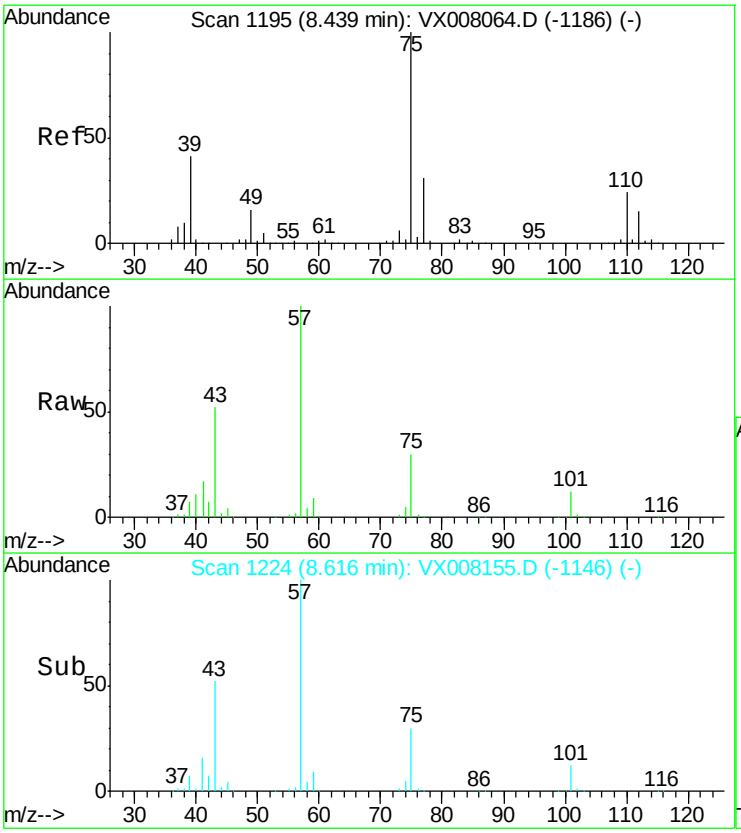
#51
4-Methyl-2-Pentanone
Concen: 16.727 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 43 Resp: 66584

Ion	Ratio	Lower	Upper
43	100		
58	8.7	31.3	46.9#

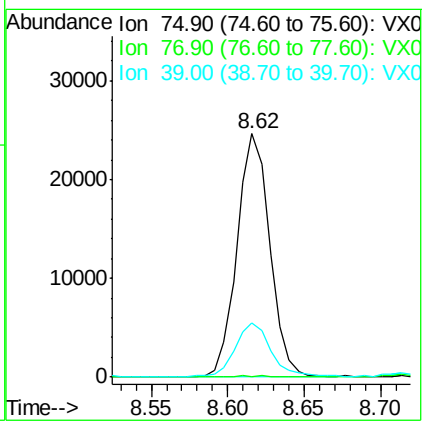


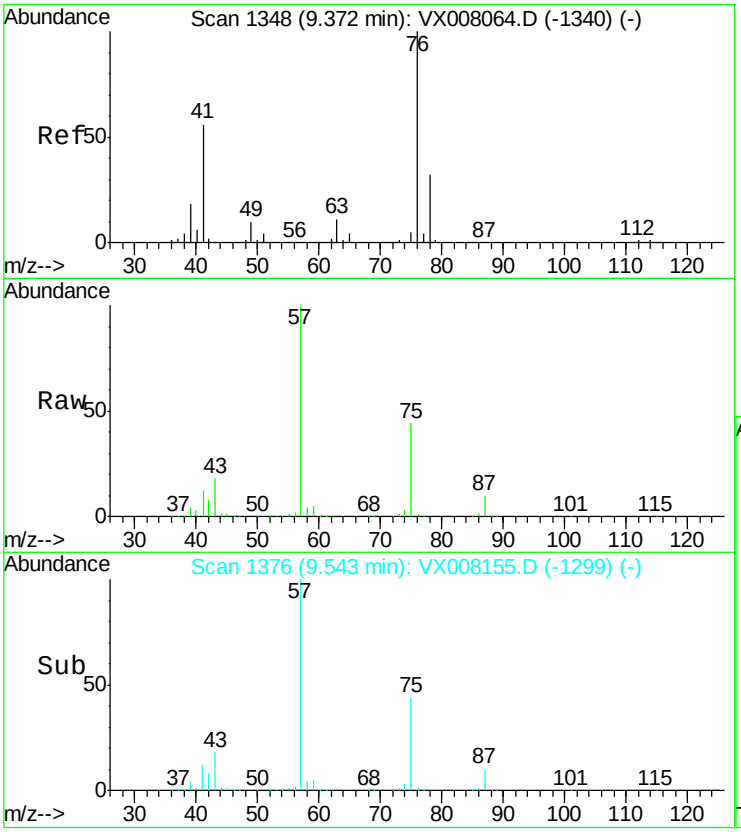


#54
cis-1,3-Dichloropropene
Concen: 8.953 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 75 Resp: 36669

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.0	37.6#
39	22.3	36.6	54.8#



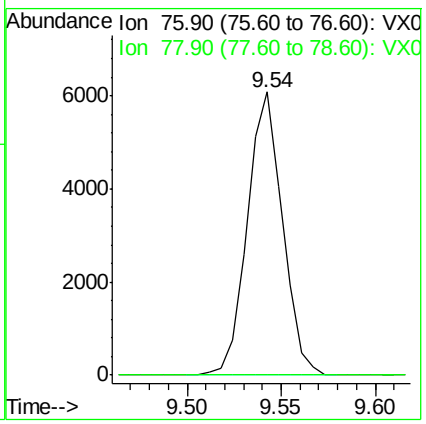


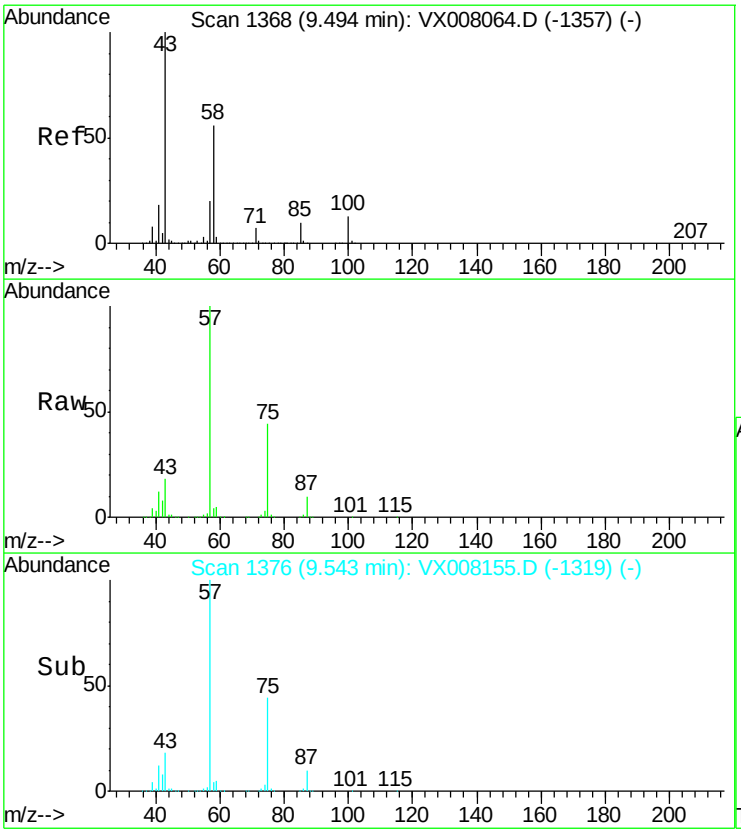
#57
1,3-Dichloropropane
Concen: 1.710 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 76 Resp: 7831

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

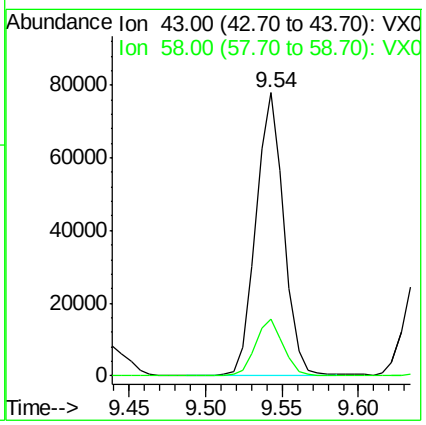


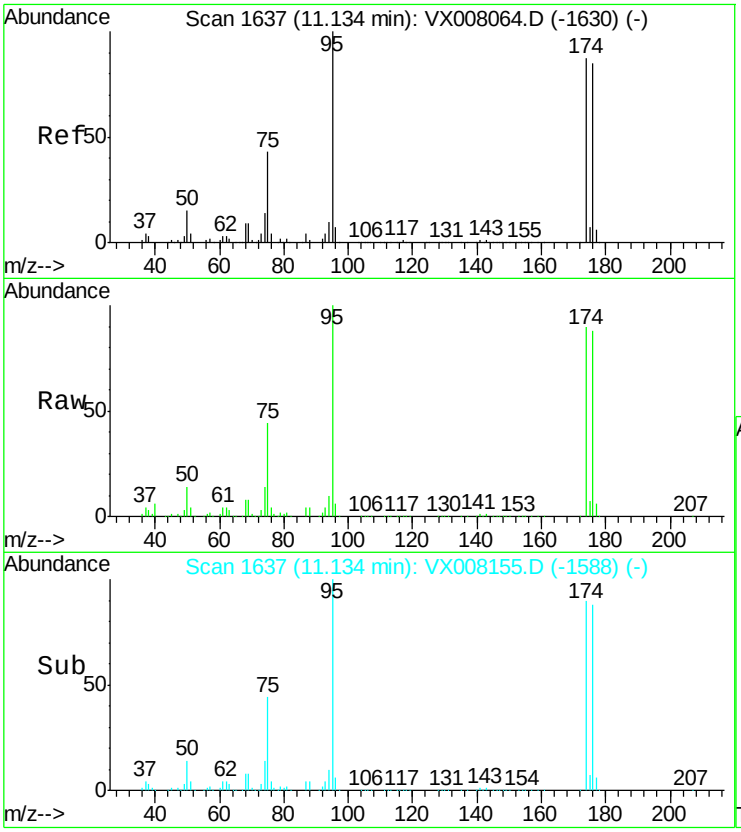


#59
2-Hexanone
Concen: 31.763 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 43 Resp: 98881

Ion	Ratio	Lower	Upper
43	100		
58	20.3	27.6	82.7#



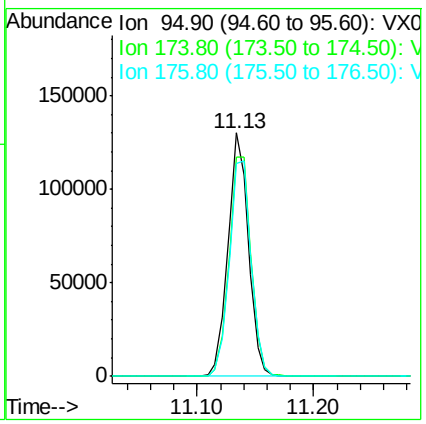


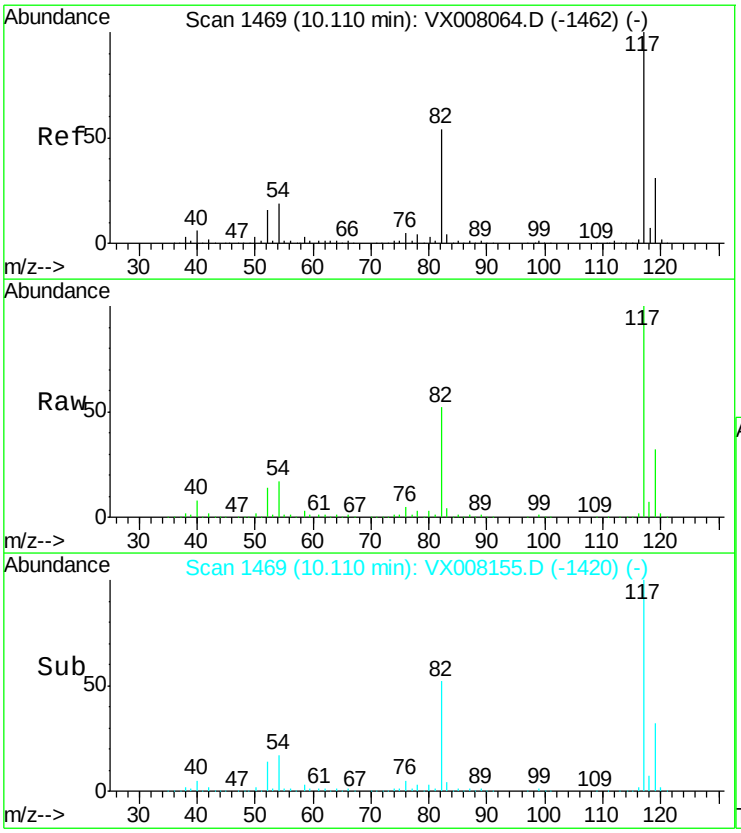
#62
4-Bromofluorobenzene
Concen: 43.568 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion: 95 Resp: 159669

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	182.8
176	94.2	0.0	178.0

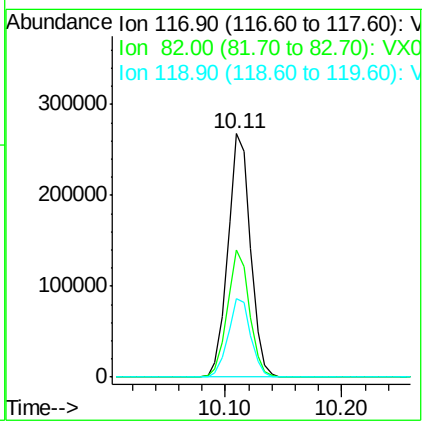


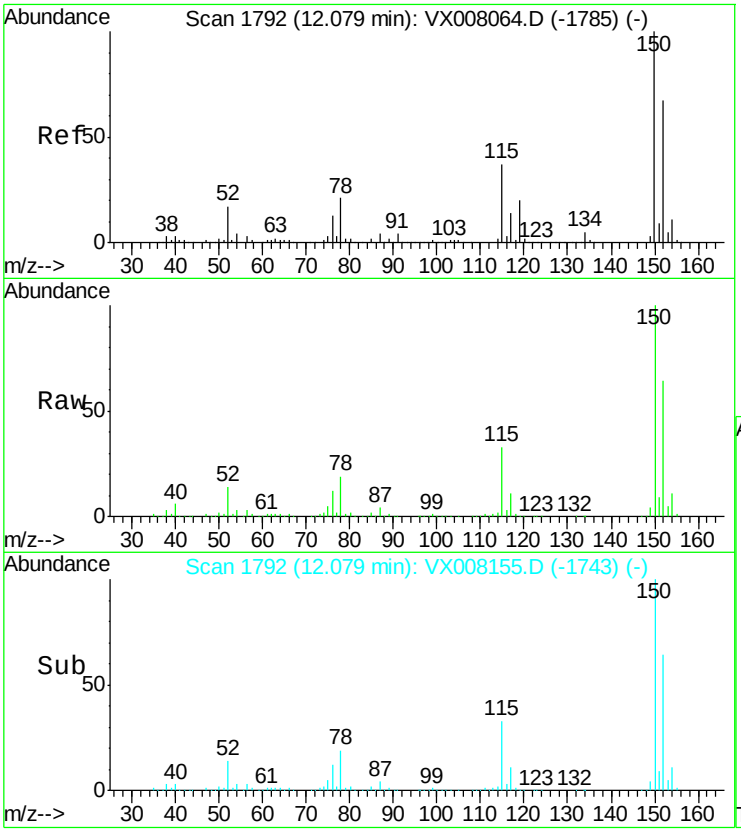


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion:117 Resp: 360011

Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.3	66.5
119	32.3	25.3	37.9



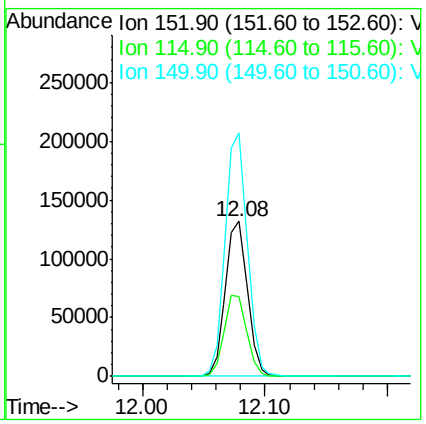


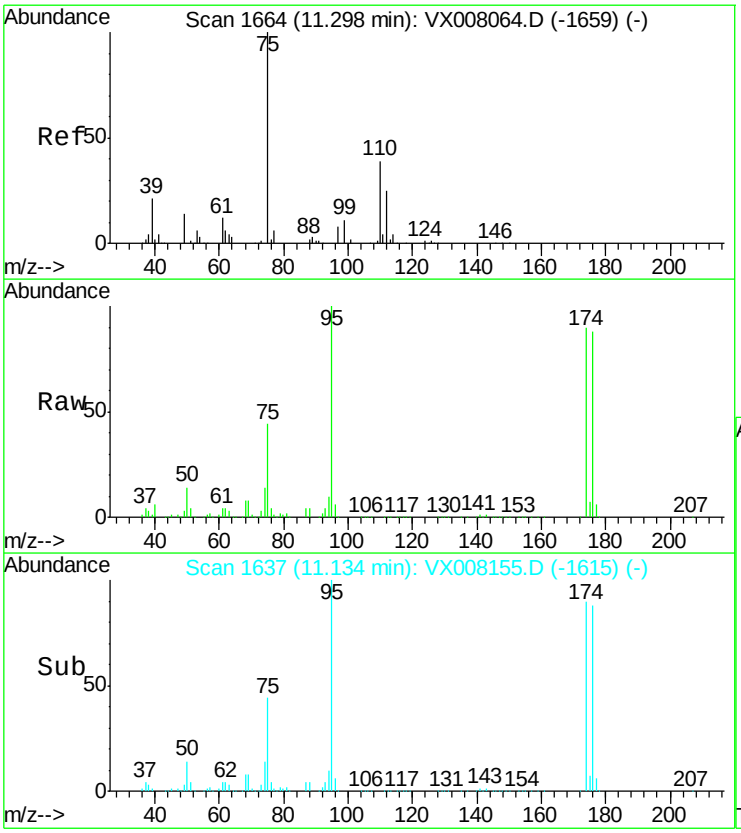
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument : MSVOA_X
ClientSampleId : MH-02

Tgt Ion:152 Resp: 165016

Ion	Ratio	Lower	Upper
152	100		
115	53.8	38.6	115.7
150	157.2	0.0	348.4

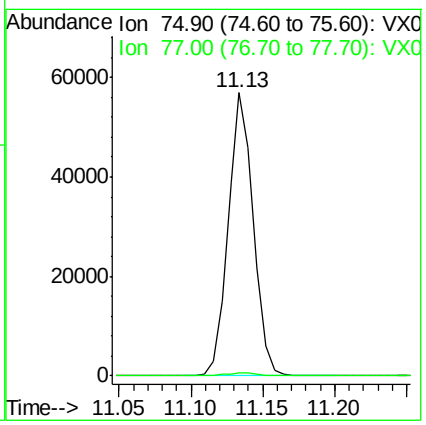


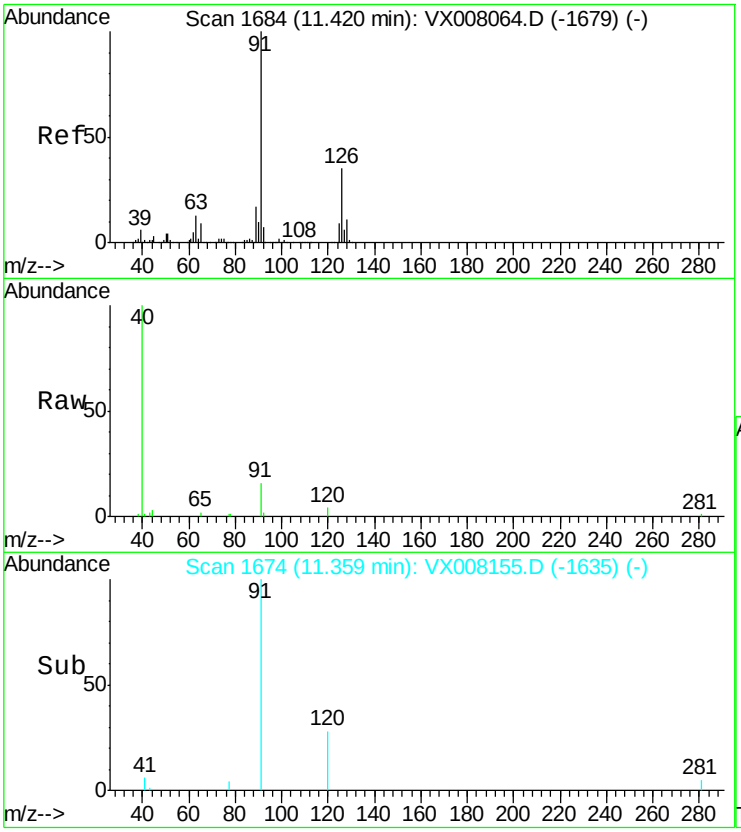


#76
1,2,3-Trichloropropane
Concen: 24.345 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 75 Resp: 69769

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#



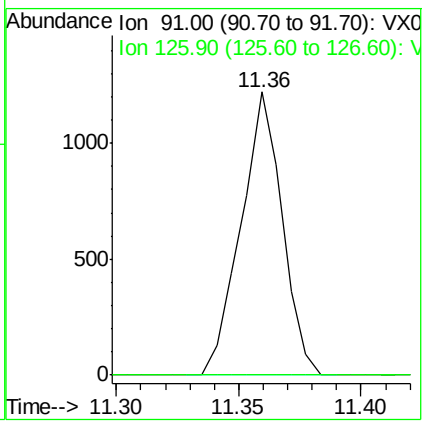


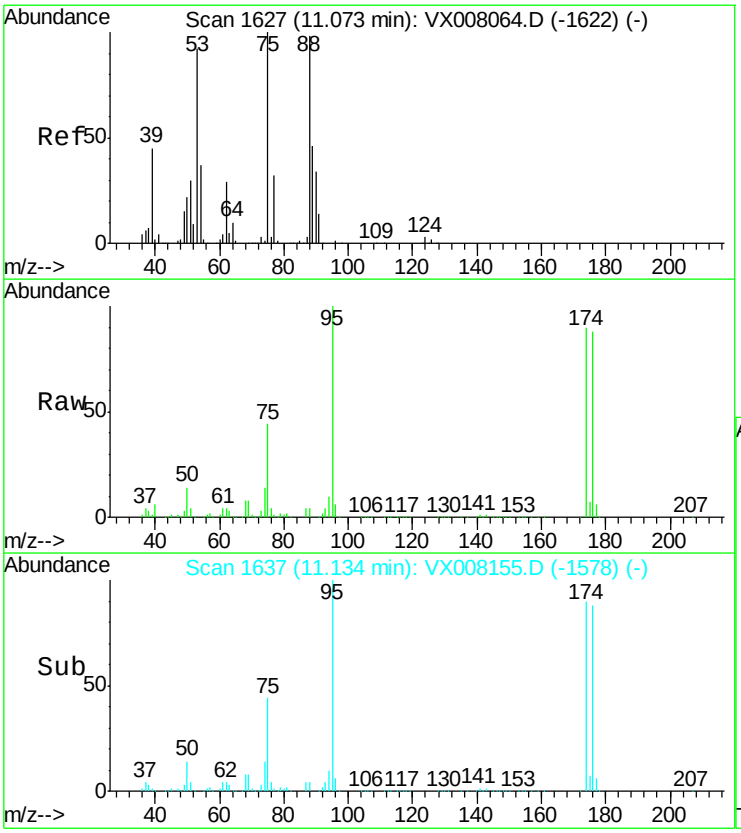
#79
2-Chlorotoluene
Concen: 0.202 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tgt Ion: 91 Resp: 1433

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.5	52.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.277 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion: 75 Resp: 69769

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.3	54.5#