Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052119\
Data File : VX009755.D
Acq On : 21 May 2019 18:07
Operator : JC/SP
Sample : K2966-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB-20190520

Quant Time: May 22 07:07:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	172309	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	274212	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	243248	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103400	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	115709	49.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.38%				
35) Dibromofluoromethane	5.50	113	85491	49.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.18%				
50) Toluene-d8	8.71	98	345759	49.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.36%				
62) 4-Bromofluorobenzene	11.13	95	114257	45.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.36%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1287	0.594	ug/l	#	82
5) Bromomethane	1.65	94	297	0.234	ug/l		88
6) Chloroethane	1.75	64	716	0.528	ug/l	#	73
10) Methyl Iodide	2.51	142	210	4.696	ug/l	#	42
11) Tert butyl alcohol	3.03	59	842	1.546	ug/l	#	80
13) Acrolein	2.27	56	209	0.424	ug/l	#	49
16) Acetone	2.45	43	8609	6.816	ug/l		93
20) Methylene Chloride	2.86	84	887	0.434	ug/l	#	75
25) 2-Butanone	4.70	43	2107	1.073	ug/l		98
28) Bromochloromethane	5.00	49	51	Below Cal		#	20
29) Tetrahydrofuran	5.15	42	1193	0.945	ug/l	#	83
31) Cyclohexane	5.66	56	3937	1.132	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	13698	5.375	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	16075	6.943	ug/l	#	16
49) 1,4-Dioxane	7.88	88	20	0.350	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1214	0.327	ug/l		95
65) Chlorobenzene	10.14	112	2161	0.444	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	59309	24.727	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59309	63.269	ug/l	#	10

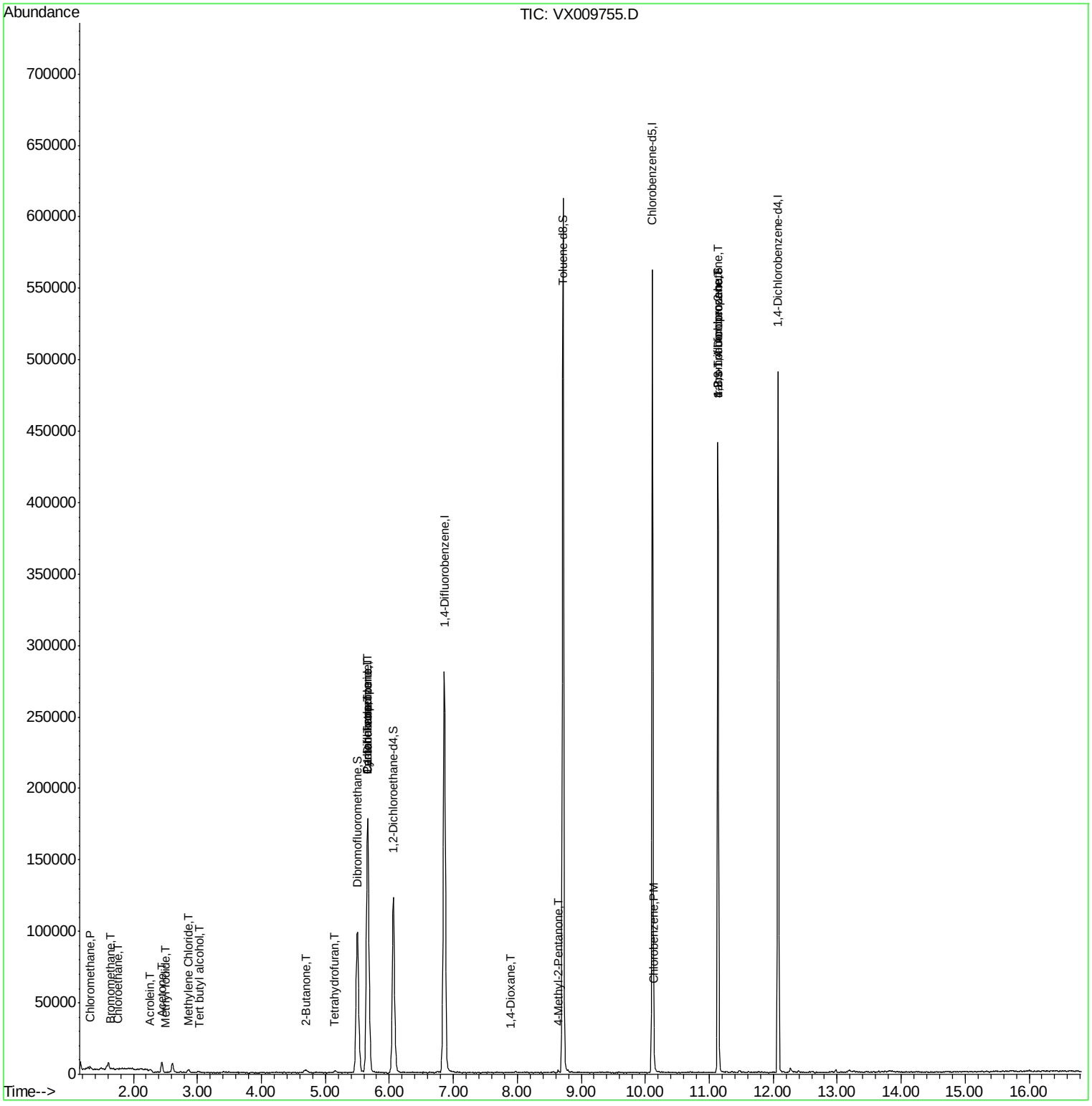
(#) = qualifier out of range (m) = manual integration (+) = signals summed

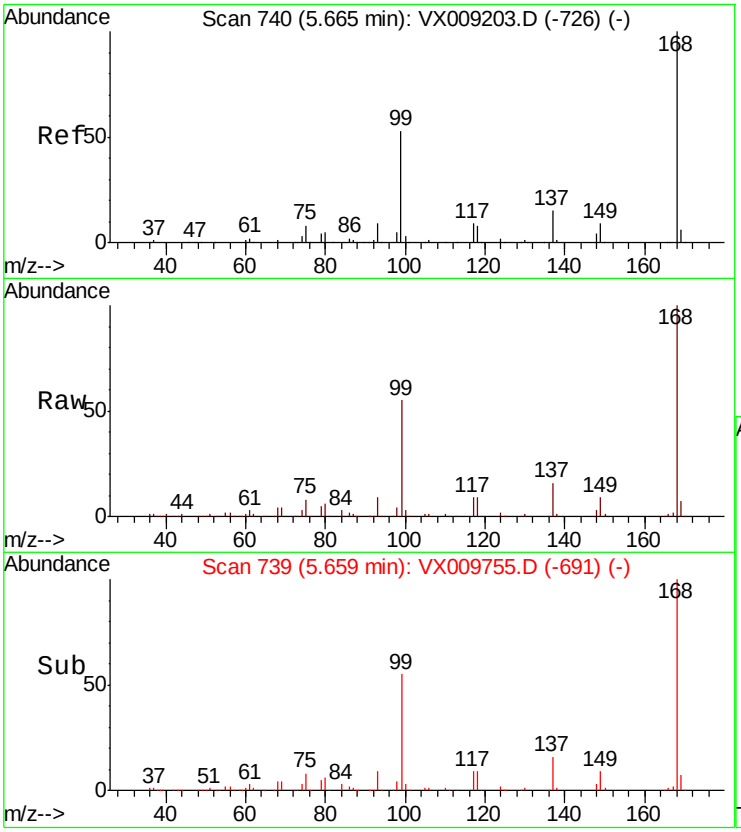
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052119\
Data File : VX009755.D
Acq On : 21 May 2019 18:07
Operator : JC/SP
Sample : K2966-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Quant Time: May 22 07:07:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



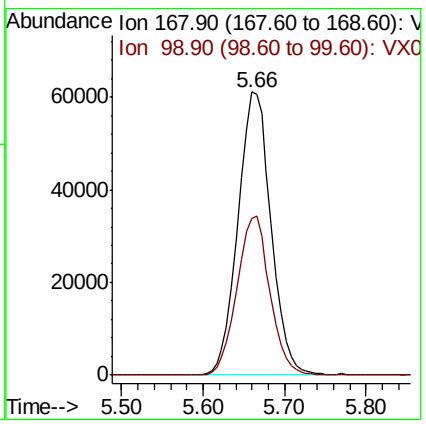


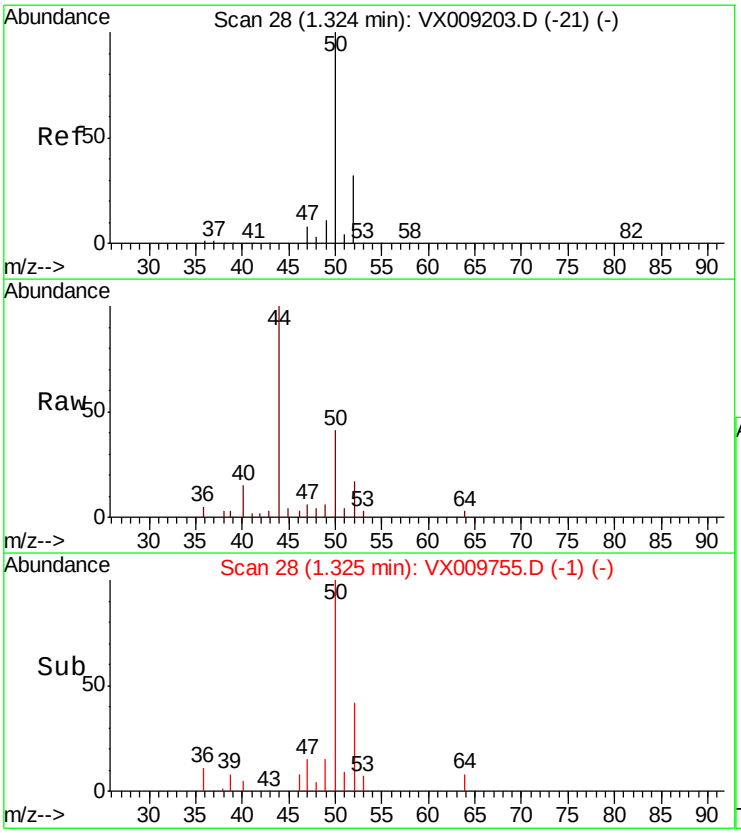
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion:168 Resp: 172309

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.3	63.5

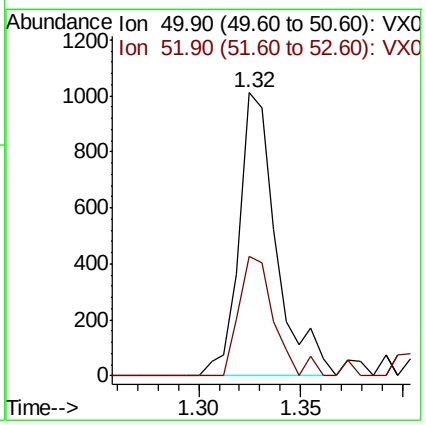


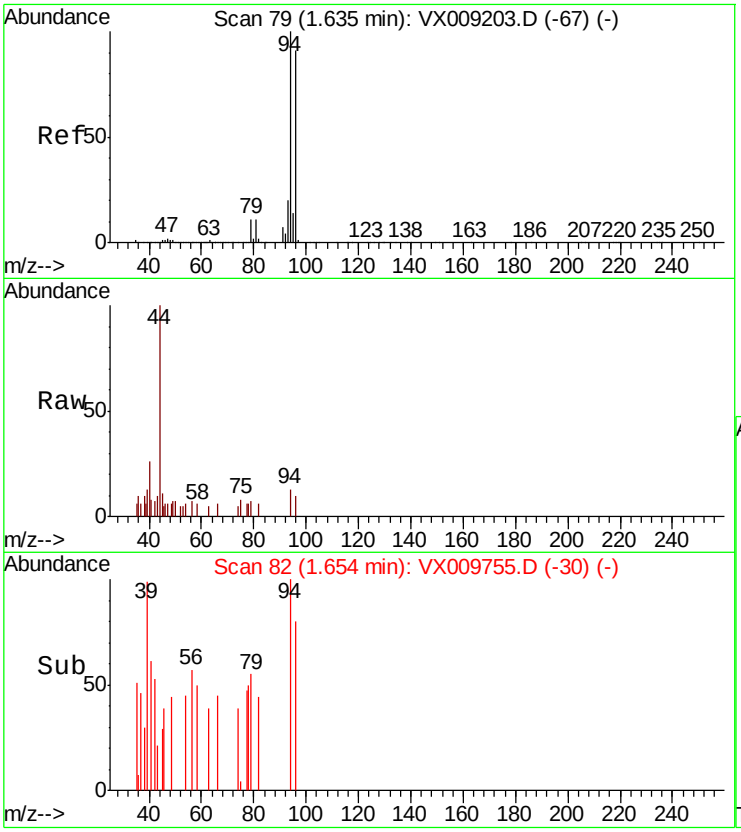


#3
Chloromethane
Concen: 0.594 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 50 Resp: 1287

Ion	Ratio	Lower	Upper
50	100		
52	42.2	25.9	38.9#



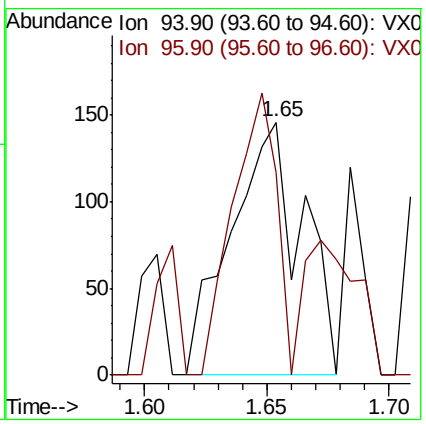


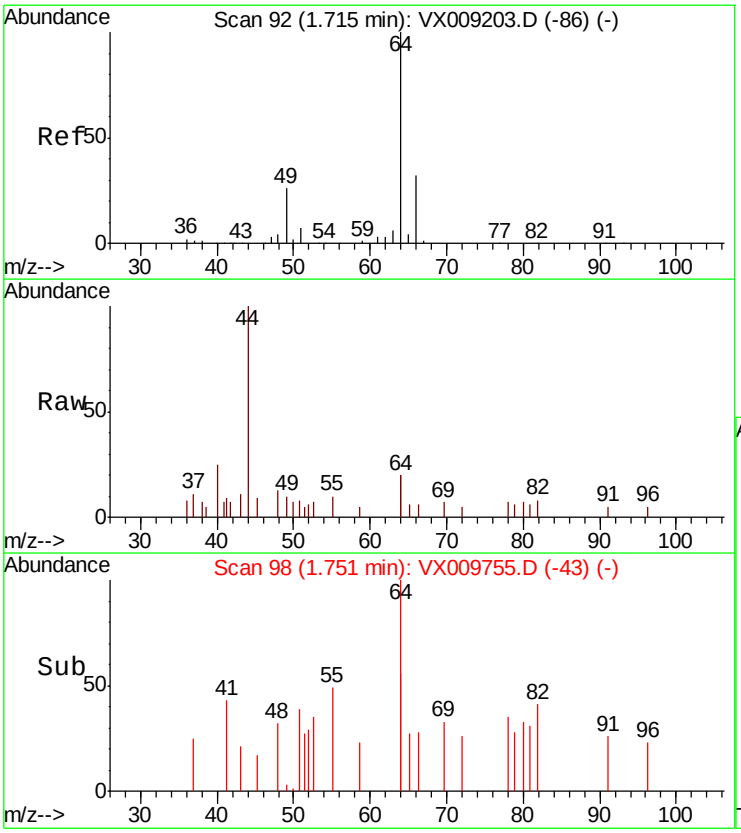
#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 94 Resp: 297

Ion	Ratio	Lower	Upper
94	100		
96	80.1	73.0	109.6

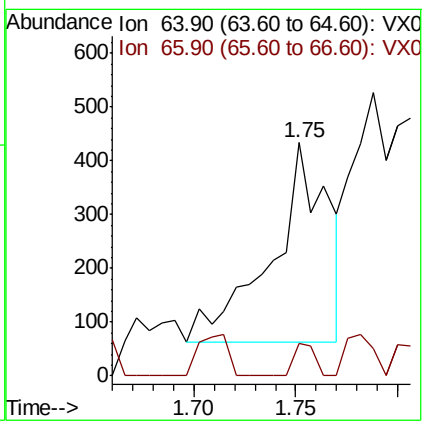


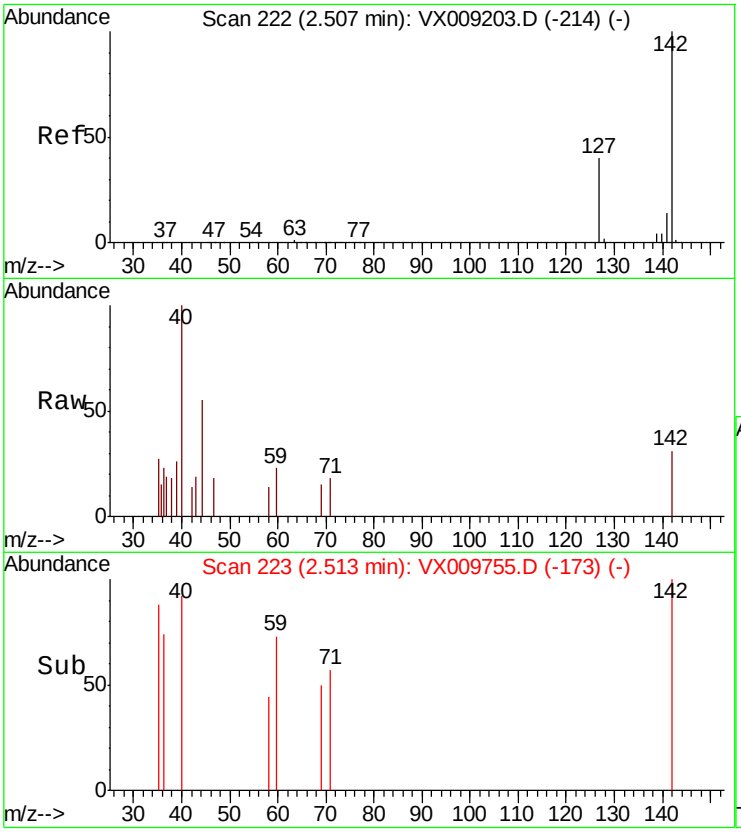


#6
Chloroethane
Concen: 0.528 ug/l
RT: 1.75 min Scan# 98
Delta R.T. 0.04 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 64 Resp: 716

Ion	Ratio	Lower	Upper
64	100		
66	16.4	25.3	37.9#



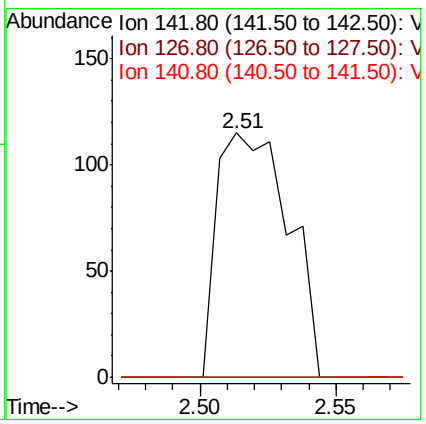


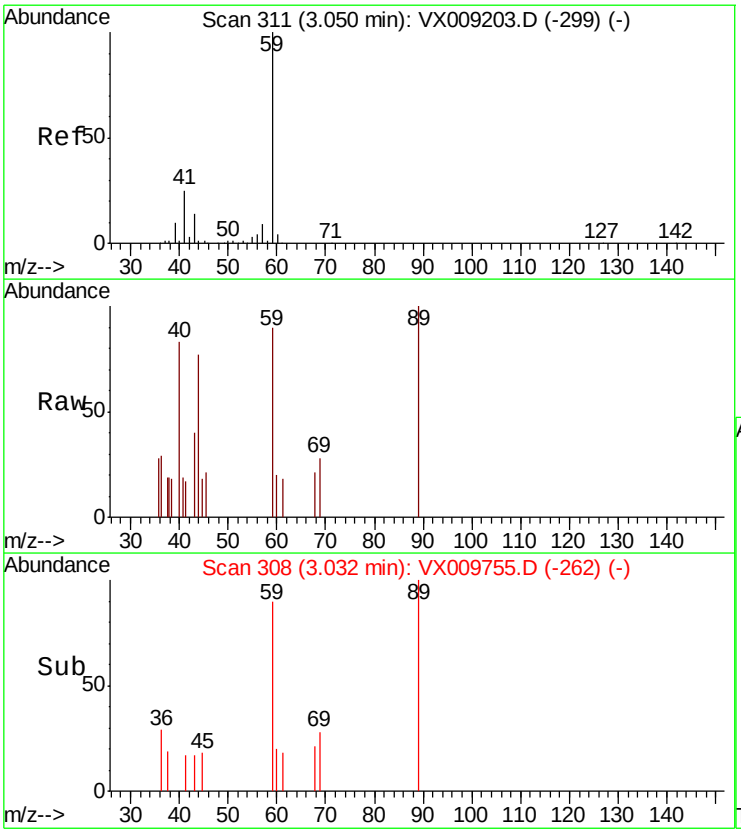
#10
Methyl Iodide
Concen: 4.696 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument : MSVOA_X
ClientSampleId : FB-20190520

Tgt Ion:142 Resp: 210

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

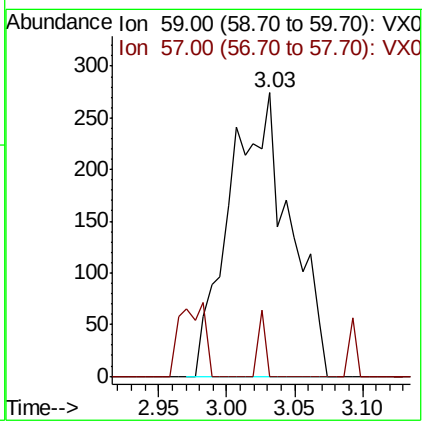


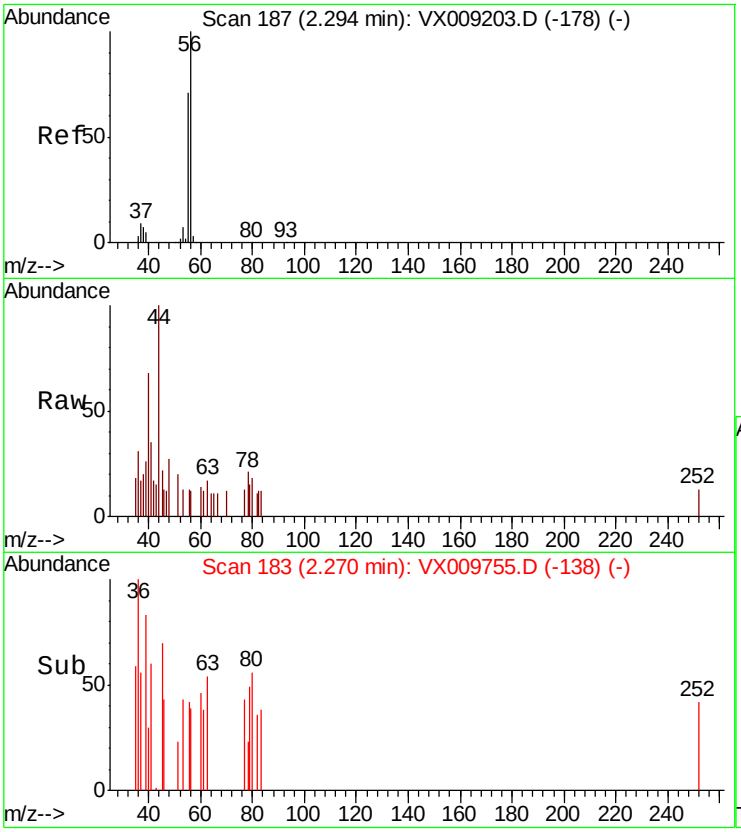


#11
Tert butyl alcohol
Concen: 1.546 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 59 Resp: 842

Ion	Ratio	Lower	Upper
59	100		
57	2.7	8.2	12.2#



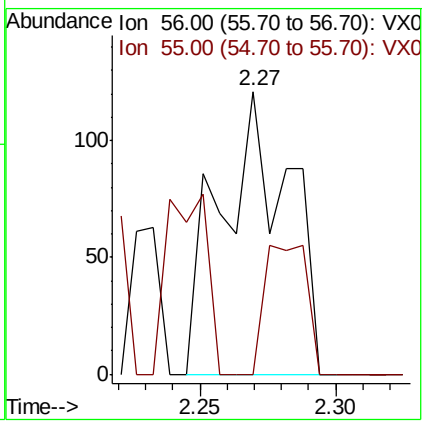


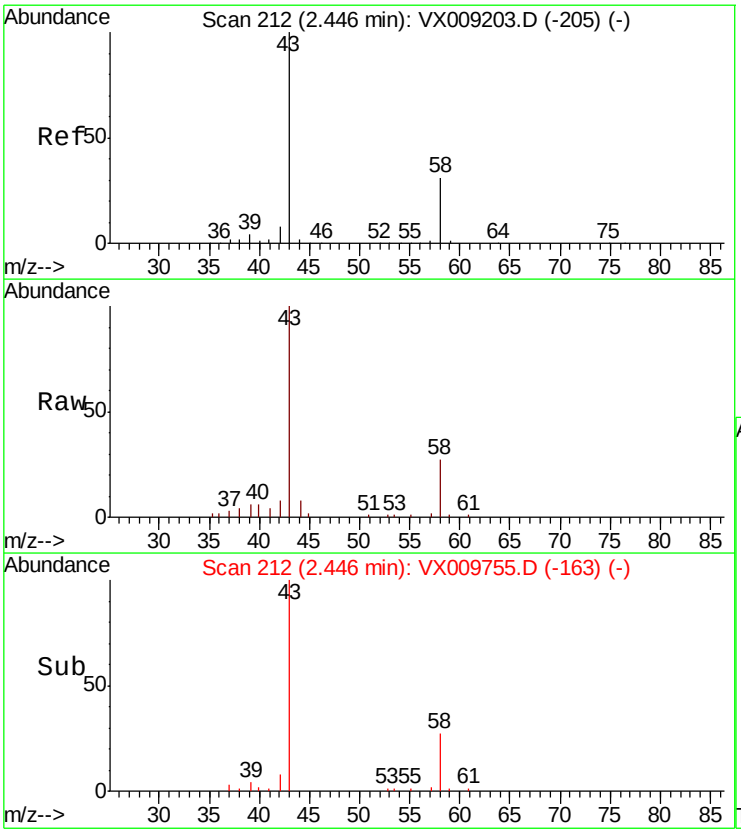
#13
Acrolein
Concen: 0.424 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	28.7	56.6	85.0#

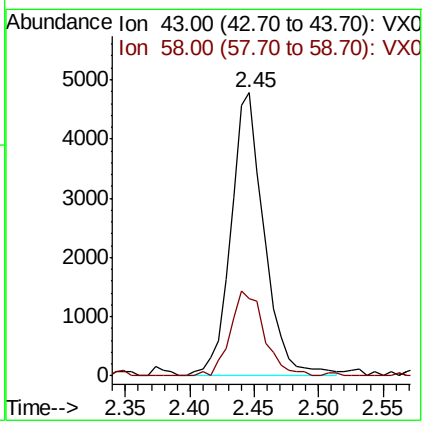


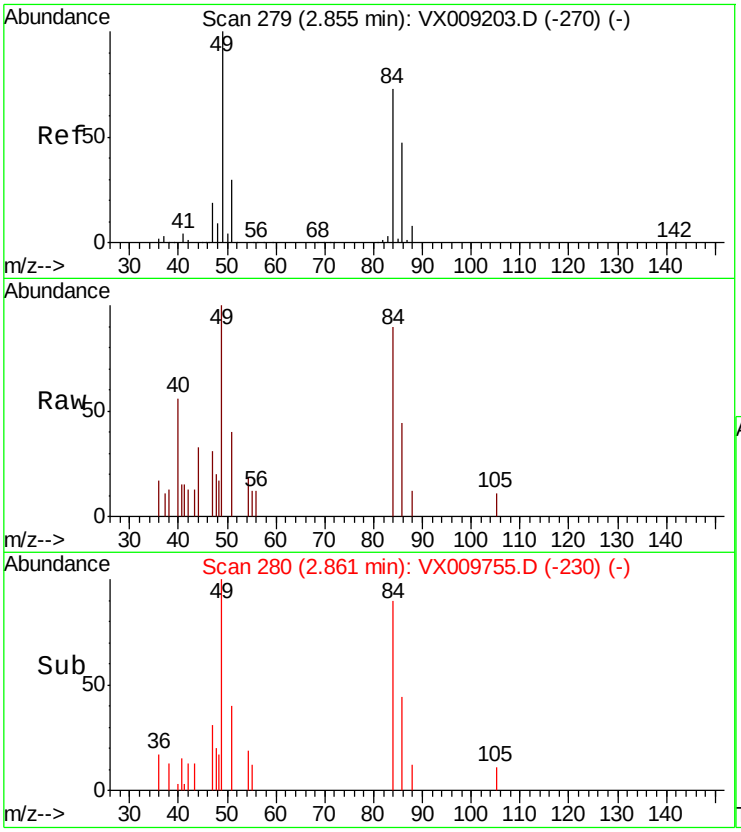


#16
Acetone
Concen: 6.816 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 43 Resp: 8609

Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.9	37.3



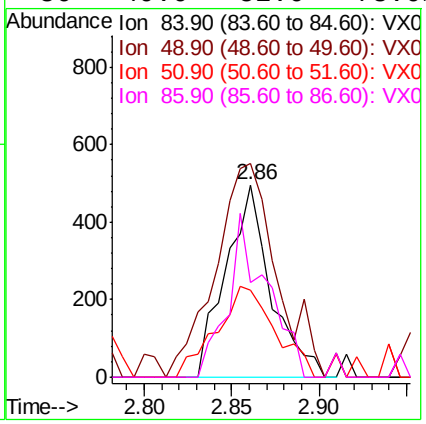


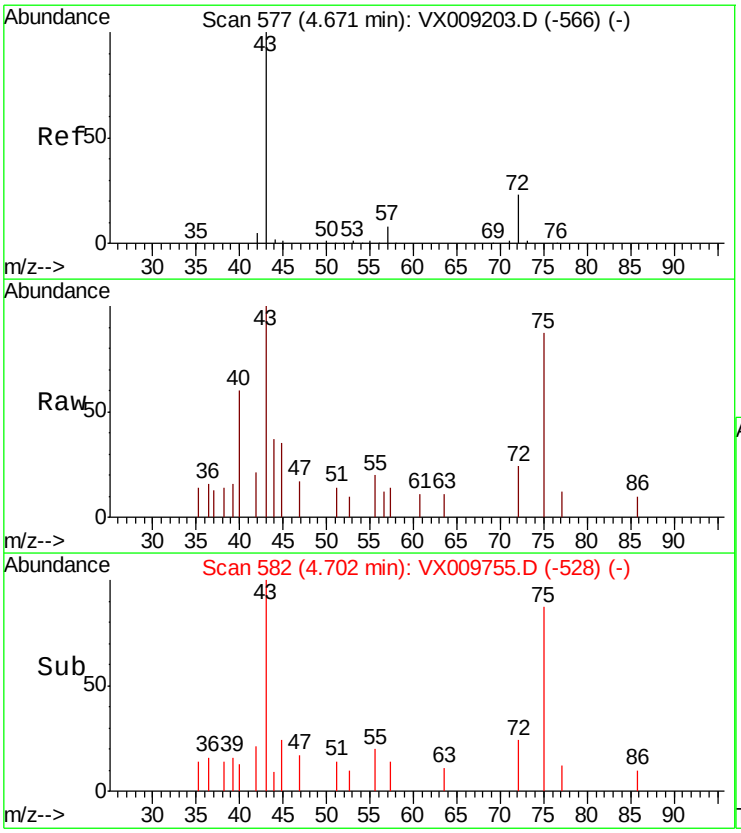
#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument : MSVOA_X
ClientSampleId : FB-20190520

Tgt Ion: 84 Resp: 887

Ion	Ratio	Lower	Upper
84	100		
49	98.8	109.9	164.9#
51	34.5	32.7	49.1
86	49.0	52.0	78.0#

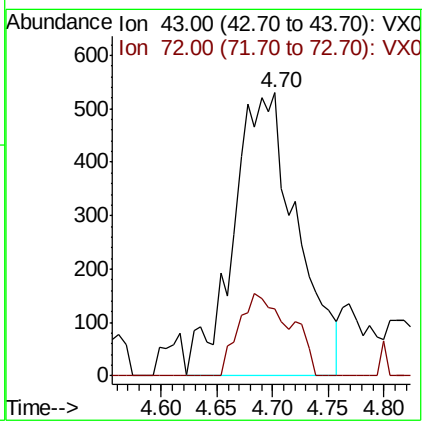


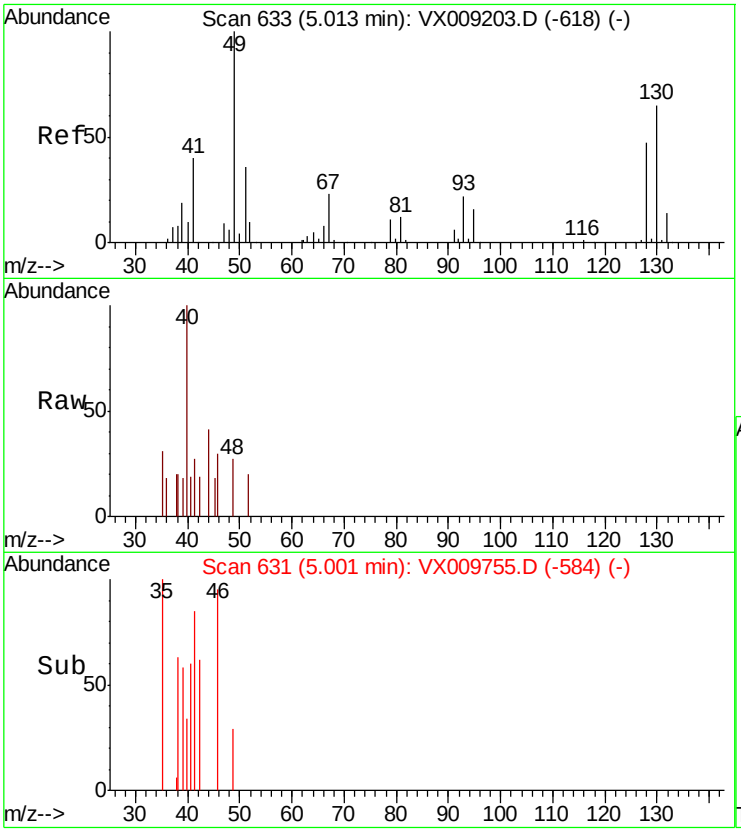


#25
2-Butanone
Concen: 1.073 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 43 Resp: 2107

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.2	27.2



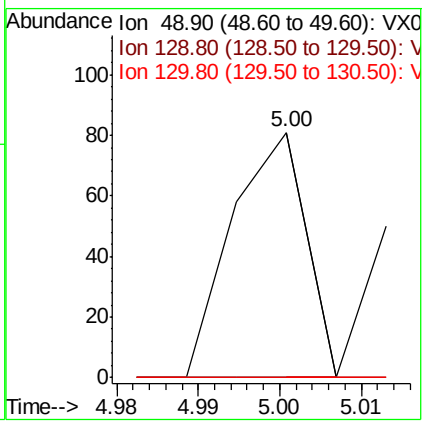


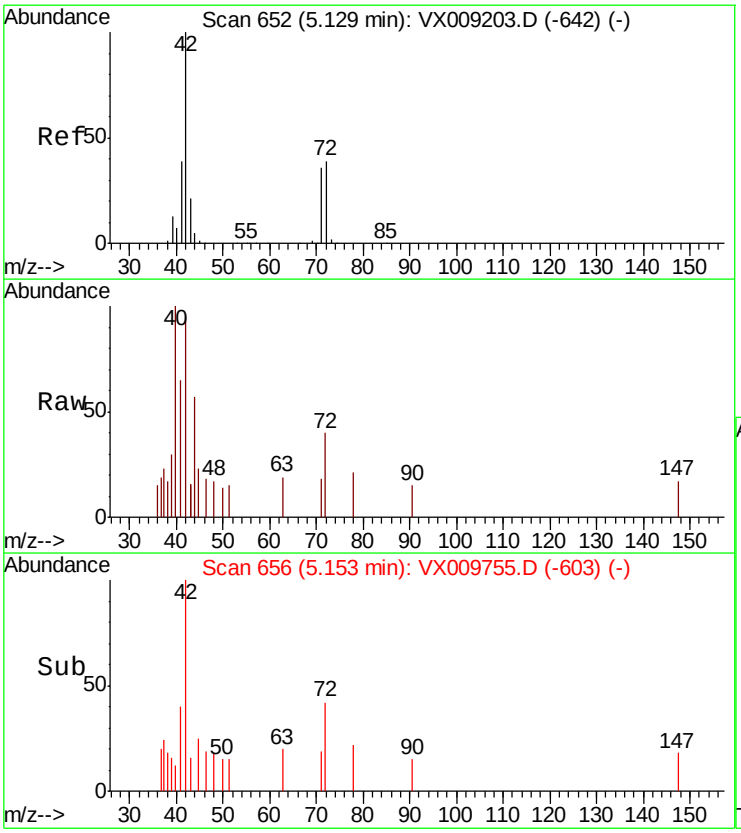
#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 49 Resp: 51

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#

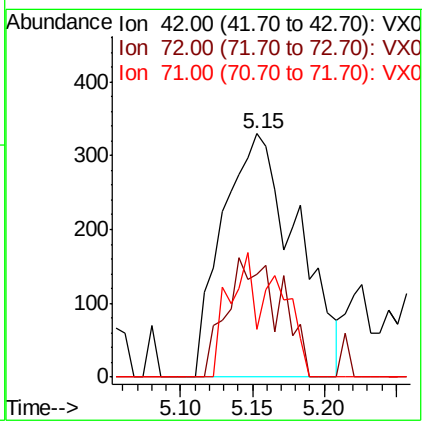


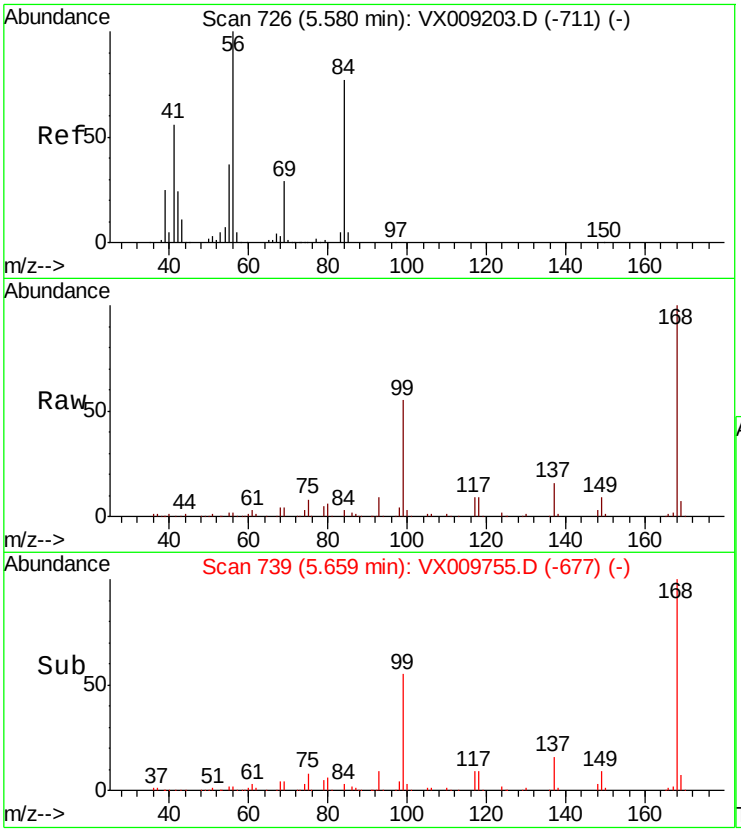


#29
Tetrahydrofuran
Concen: 0.945 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 42 Resp: 1193

Ion	Ratio	Lower	Upper
42	100		
72	35.2	30.4	45.6
71	17.6	28.6	43.0#



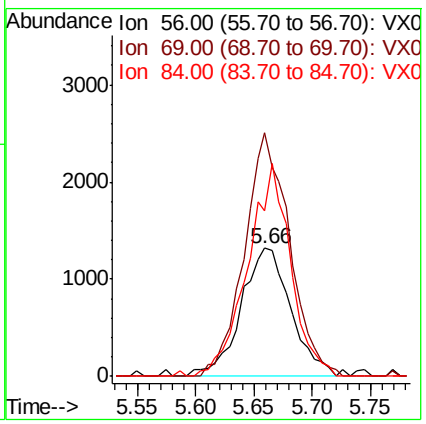


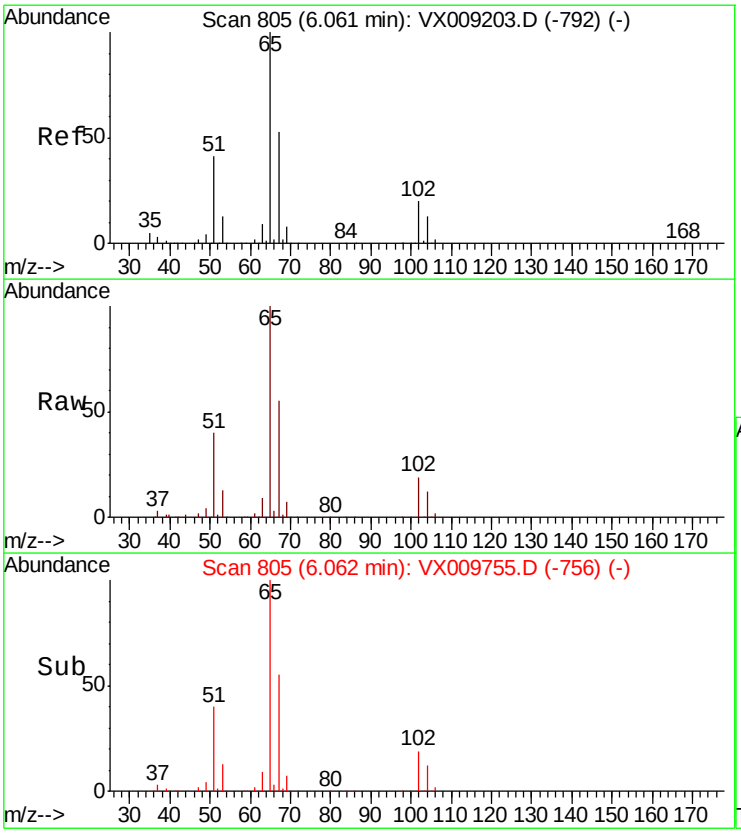
#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 56 Resp: 3937

Ion	Ratio	Lower	Upper
56	100		
69	190.1	23.4	35.0#
84	129.4	61.9	92.9#

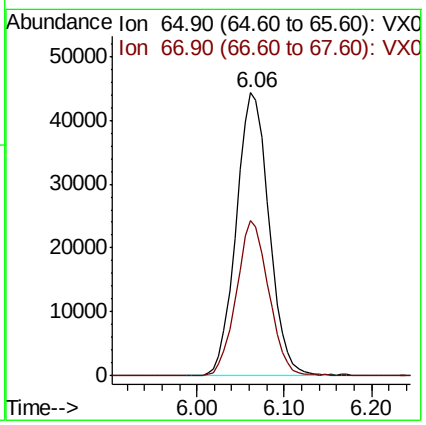


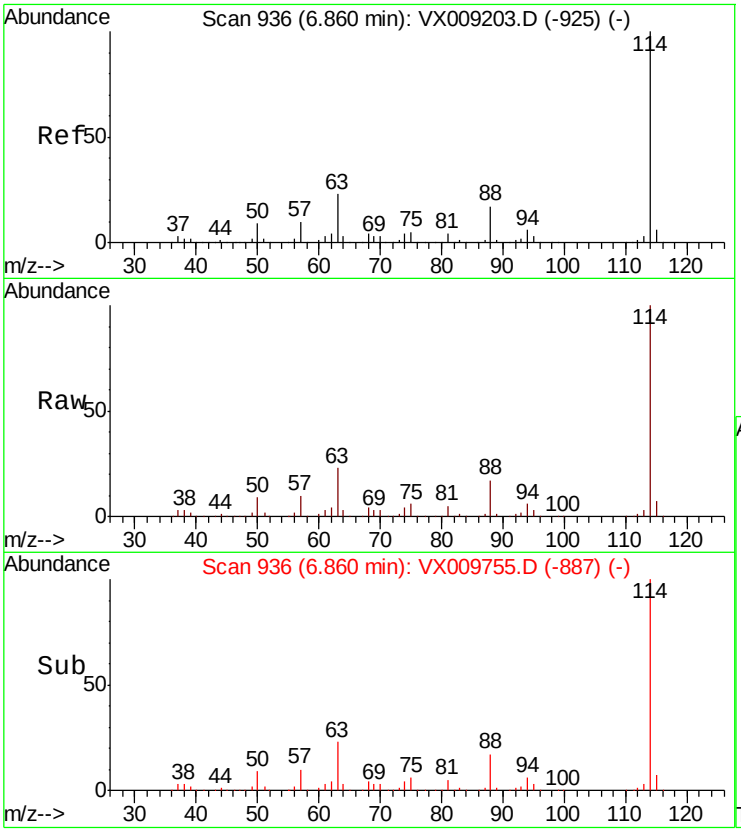


#33
1,2-Dichloroethane-d4
Concen: 49.191 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 65 Resp: 115709

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.6



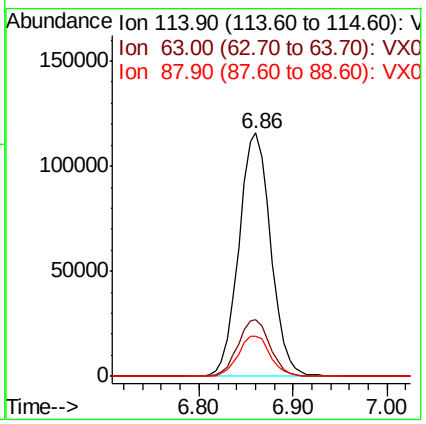


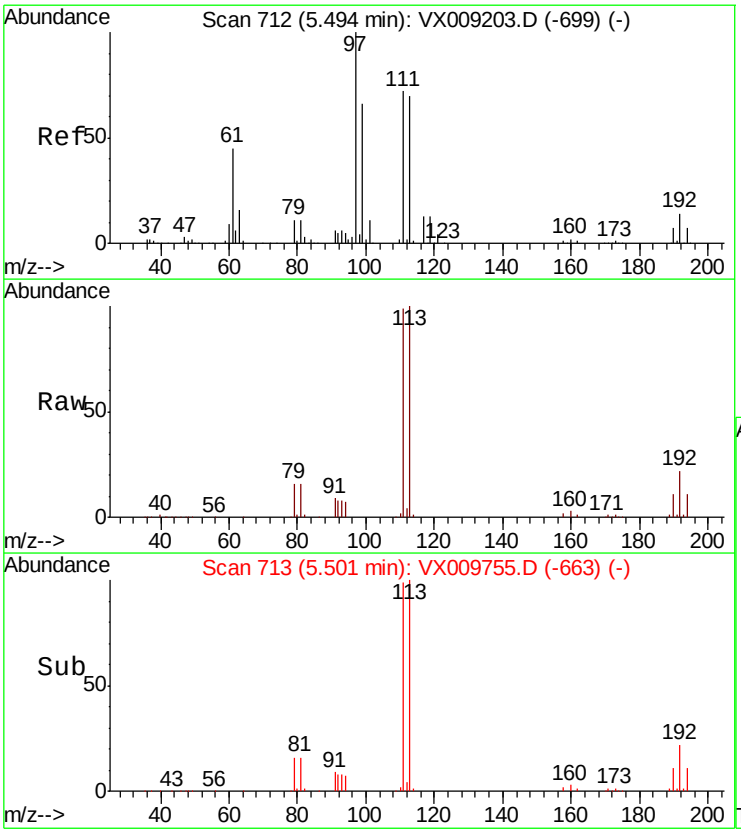
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion:114 Resp: 274212

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.7	0.0	33.2

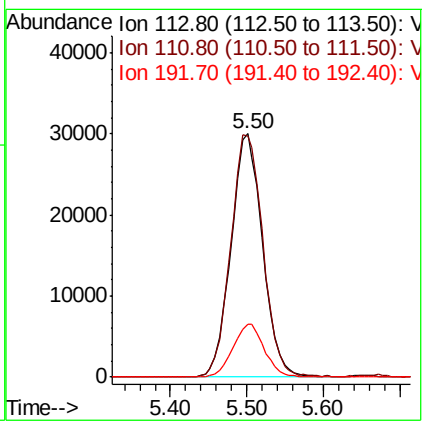


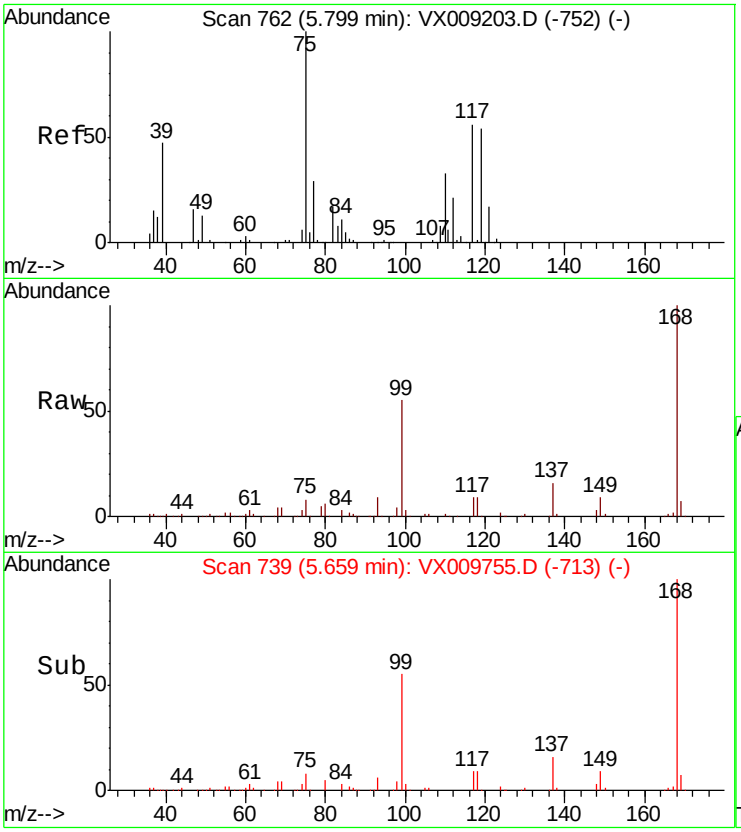


#35
Dibromofluoromethane
Concen: 49.594 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion:113 Resp: 85491

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	21.7	17.0	25.6



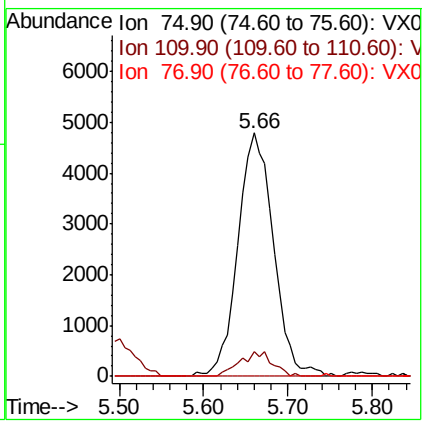


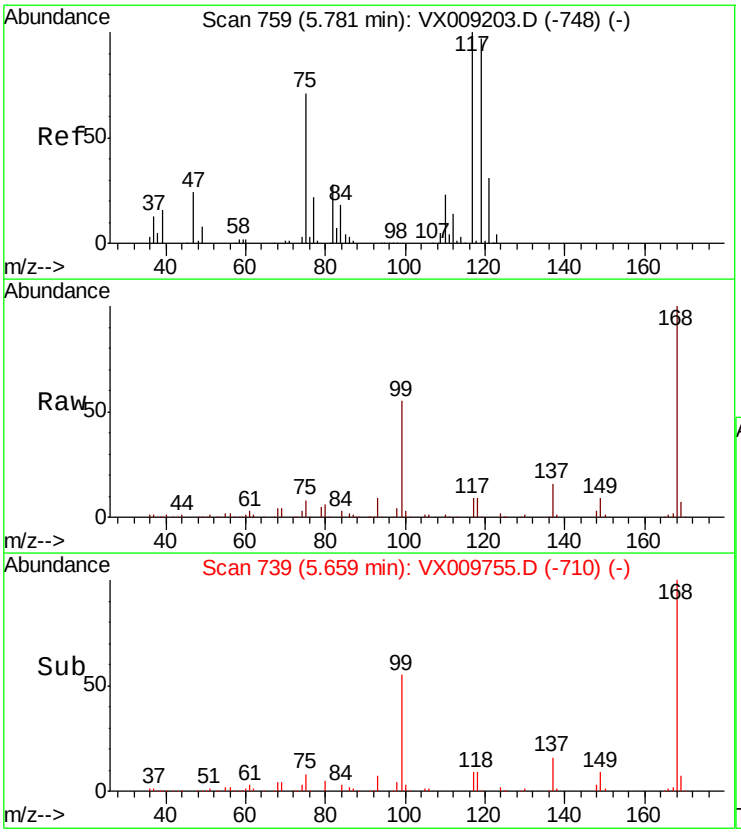
#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 75 Resp: 13698

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.0	24.8	37.2#

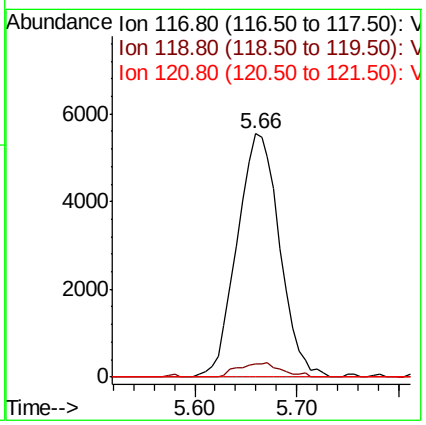


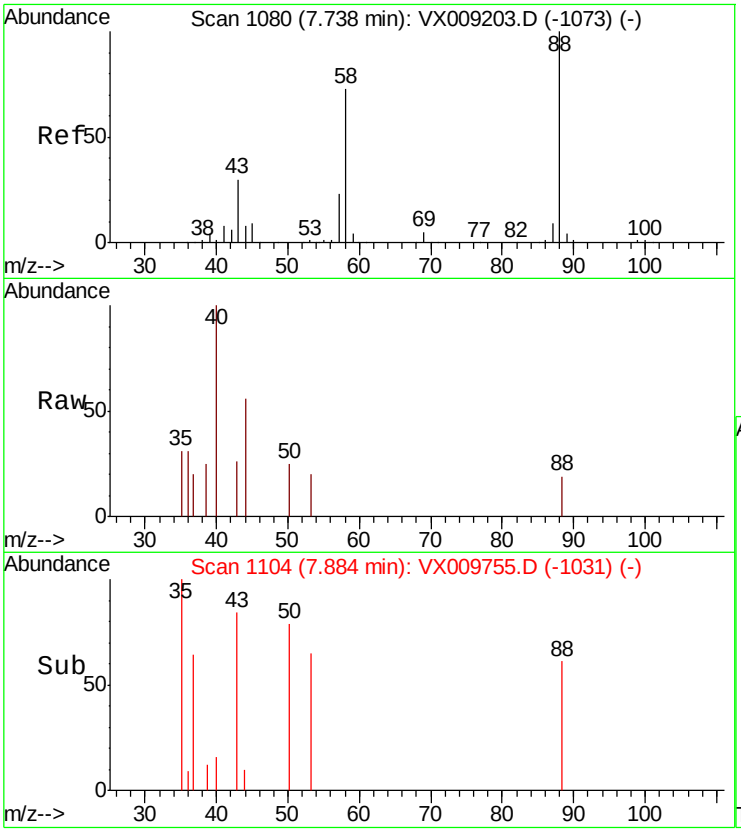


#38
Carbon Tetrachloride
Concen: 6.943 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion:117 Resp: 16075

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.5	116.3#
121	0.0	24.7	37.1#



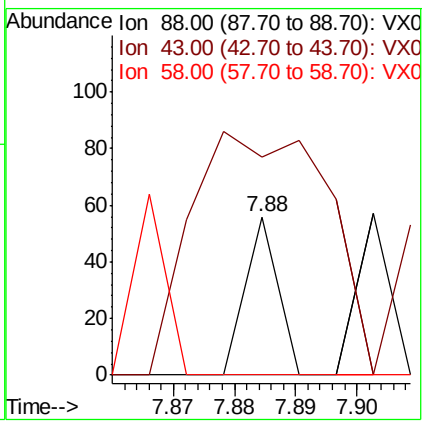


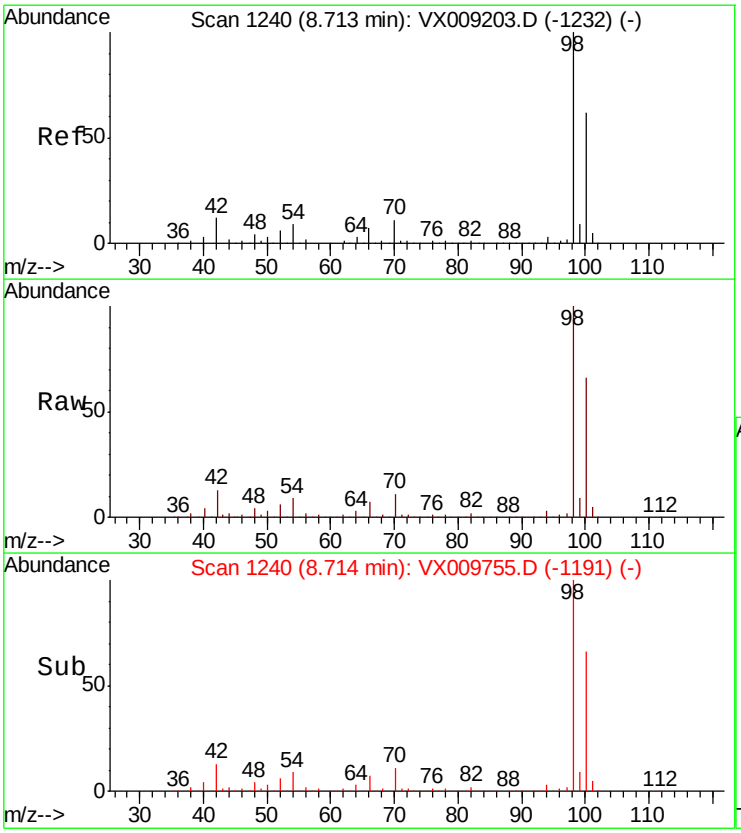
#49
1,4-Dioxane
Concen: 0.350 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.15 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	665.0	28.6	42.8#
58	115.0	61.7	92.5#

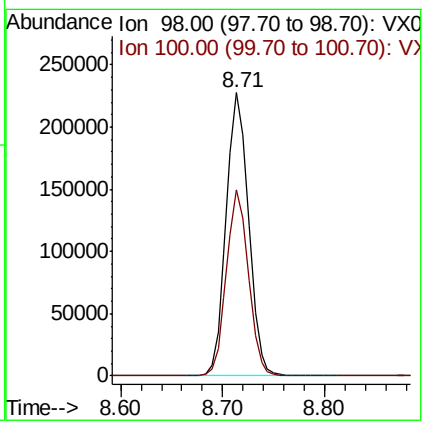


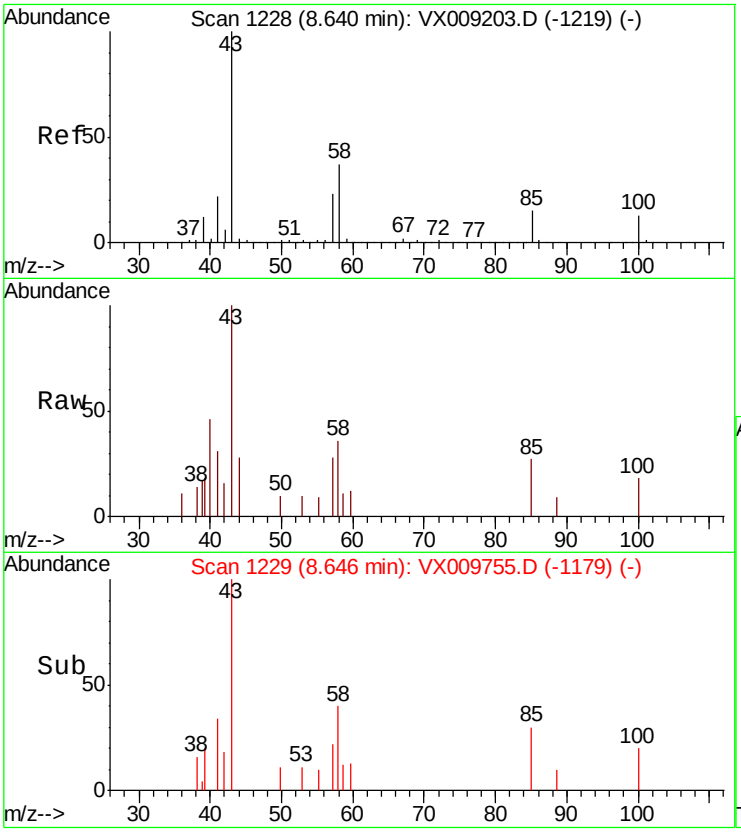


#50
Toluene-d8
Concen: 49.682 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 98 Resp: 345759

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8



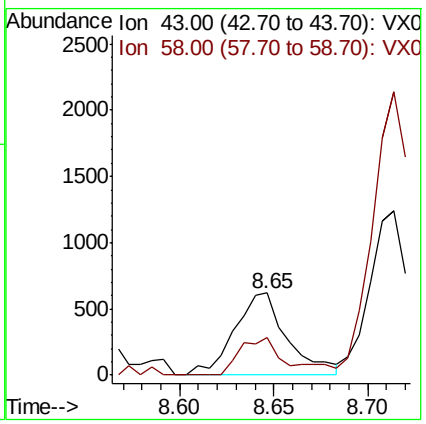


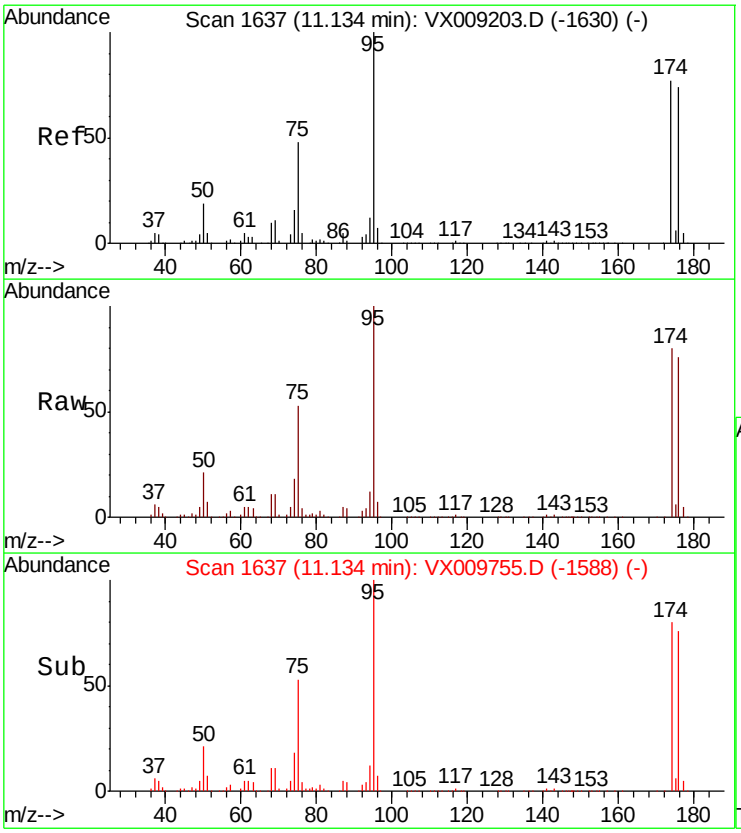
#51
4-Methyl-2-Pentanone
Concen: 0.327 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 43 Resp: 1214

Ion	Ratio	Lower	Upper
43	100		
58	39.9	29.5	44.3

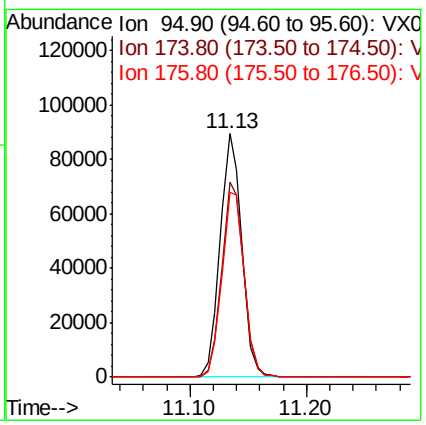


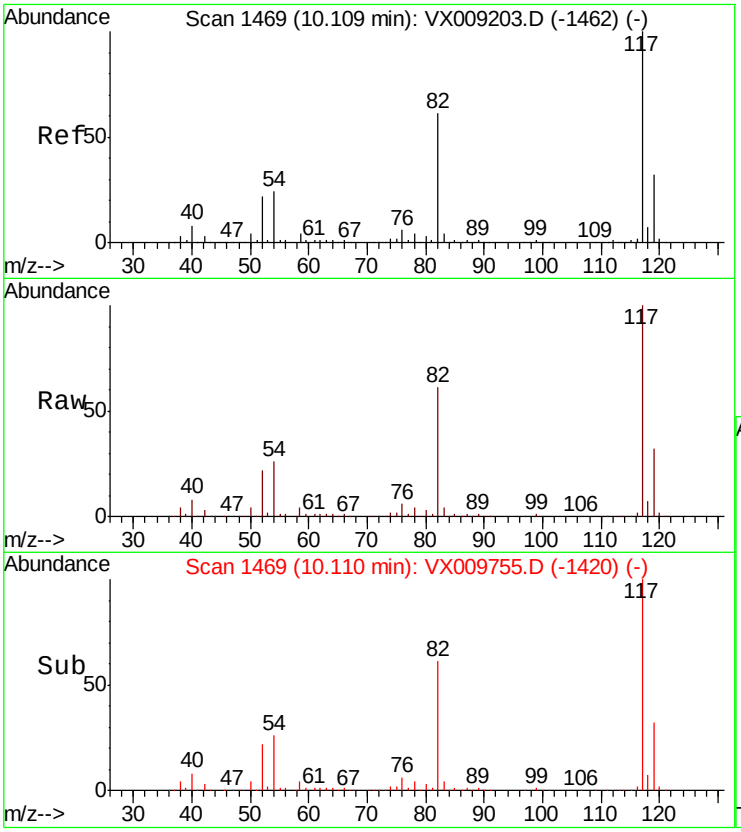


#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 95 Resp: 114257

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.6
176	78.7	0.0	159.2



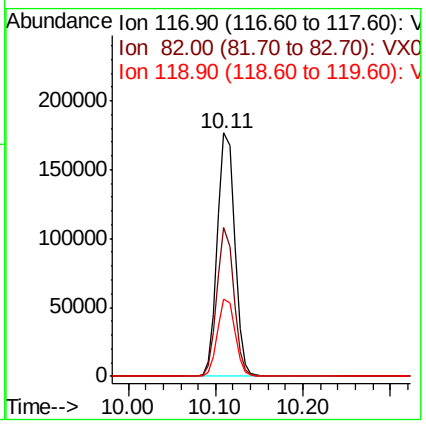


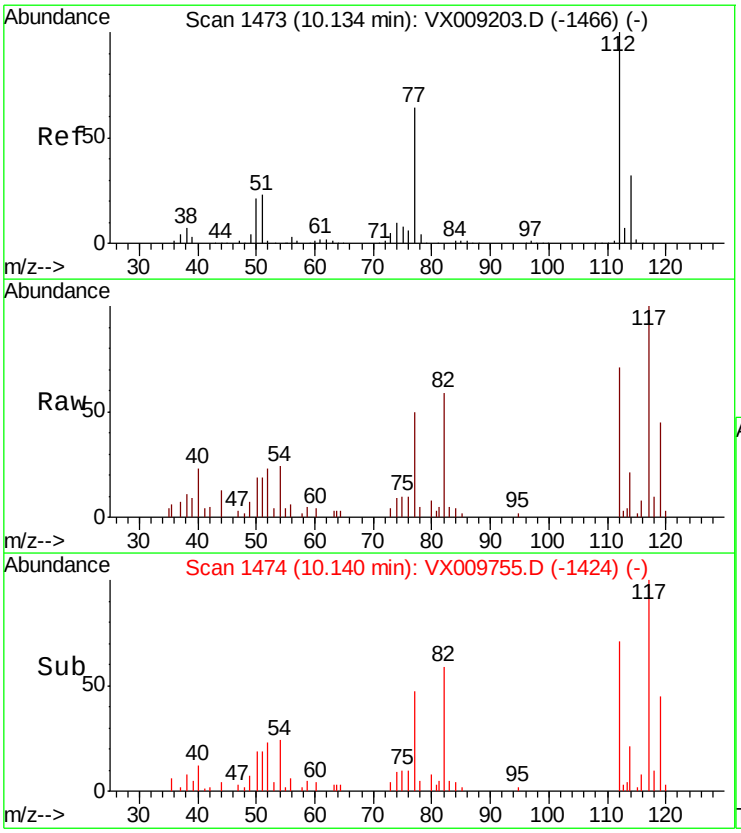
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion:117 Resp: 243248

Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.8	73.2
119	31.6	25.8	38.6

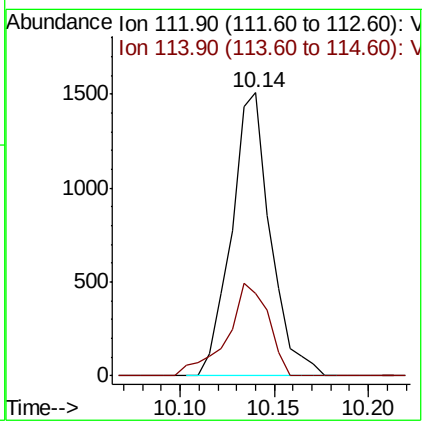


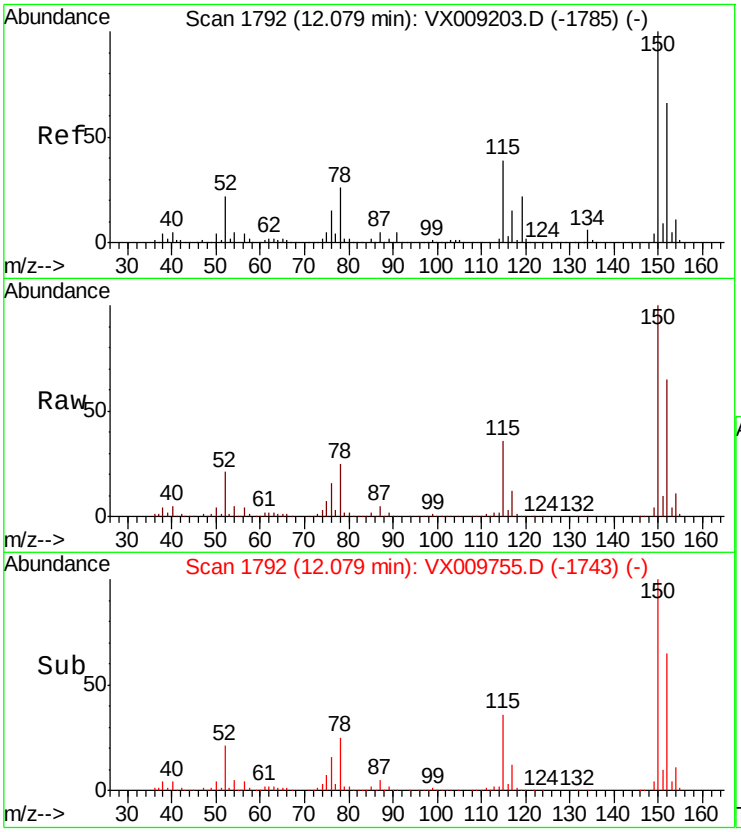


#65
Chlorobenzene
Concen: 0.444 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion:112 Resp: 2161

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.5	38.3



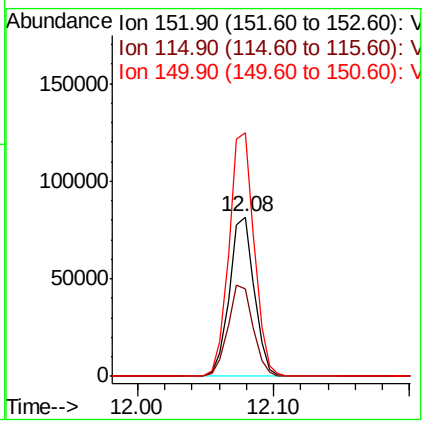


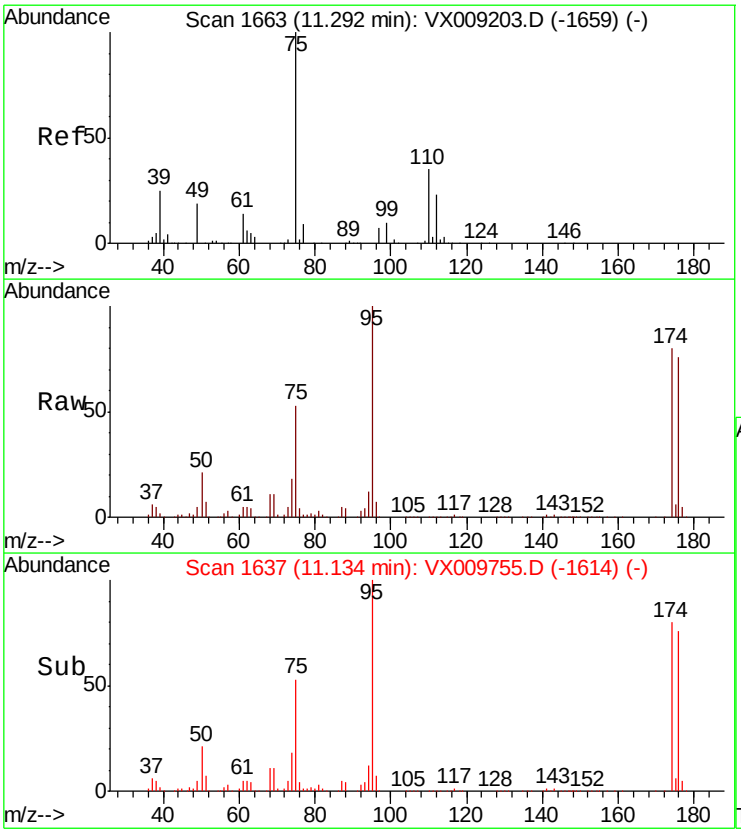
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion:152 Resp: 103400

Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.2	123.6
150	154.9	0.0	346.4

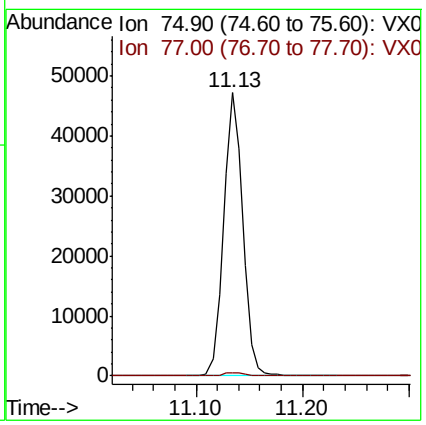


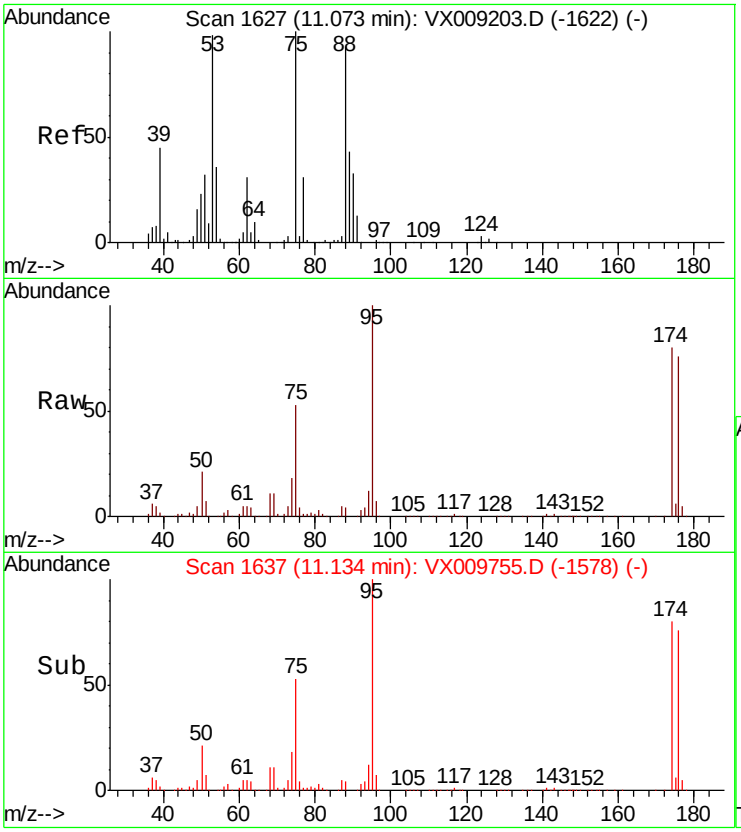


#76
1,2,3-Trichloropropane
Concen: 24.727 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Tgt Ion: 75 Resp: 59309

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.269 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009755.D
Acq: 21 May 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
FB-20190520

Tgt Ion: 75 Resp: 59309

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.0	34.7	52.1#