Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
Data File : VX008989.D
Acq On : 16 Apr 2019 15:51
Operator : JC/SP
Sample : K2347-01
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BCOG01

Quant Time: Apr 16 16:18:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 14:18:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	212508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	342058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140502	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.82%			
35) Dibromofluoromethane	5.50	113	96225	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.66%			
50) Toluene-d8	8.71	98	429673	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	11.14	95	161741	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.68%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	609	4.155	ug/l	82
10) Methyl Iodide	2.48	142	95	4.451	ug/l #	71
17) Carbon Disulfide	2.60	76	44	1.259	ug/l #	75
18) Methyl Acetate	2.80	43	10058	2.595	ug/l	98
20) Methylene Chloride	2.84	84	1603	0.604	ug/l #	82
28) Bromochloromethane	5.07	49	19	Below Cal	#	22
31) Cyclohexane	5.65	56	5055	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	16716	4.725	ug/l #	51
38) Carbon Tetrachloride	5.65	117	20127	6.711	ug/l #	17
39) Methylcyclohexane	7.45	83	892	0.207	ug/l #	82
55) 1,1,2-Trichloroethane	9.16	97	2390	0.964	ug/l #	22
59) 2-Hexanone	9.26	43	1124	0.312	ug/l	64
64) Tetrachloroethene	9.34	164	615	0.264	ug/l #	88
74) N-amyl acetate	10.91	43	52697	8.043	ug/l #	8
75) 1,1,2,2-Tetrachloroethane	11.27	83	28529	6.842	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	80687	16.838	ug/l #	34
79) 2-Chlorotoluene	11.37	91	1915	0.243	ug/l	79
80) 1,3,5-Trimethylbenzene	11.51	105	23876	2.493	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	80687	56.351	ug/l #	11
82) 4-Chlorotoluene	11.37	91	1915	0.209	ug/l	87
83) tert-Butylbenzene	12.02	119	47660	5.184	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	2460	0.252	ug/l	80
85) sec-Butylbenzene	11.94	105	13299	1.213	ug/l	90
86) p-Isopropyltoluene	12.07	119	20663	2.050	ug/l	98
89) n-Butylbenzene	12.37	91	39150	4.170	ug/l #	1
90) Hexachloroethane	12.61	117	4105	2.469	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1305	1.375	ug/l #	3
95) Naphthalene	13.81	128	9128	0.793	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	17549	4.952	ug/l #	1

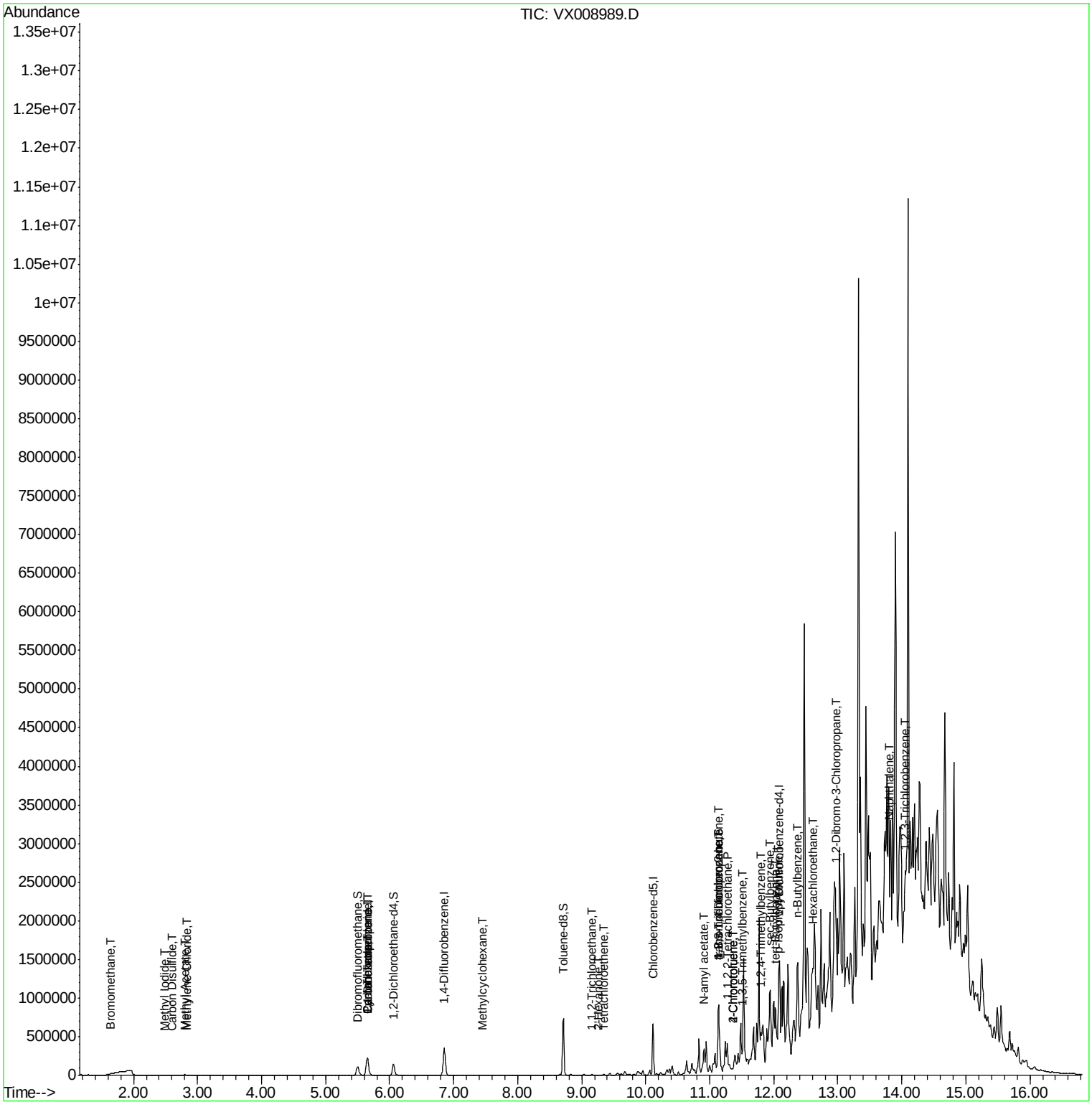
(#) = qualifier out of range (m) = manual integration (+) = signals summed

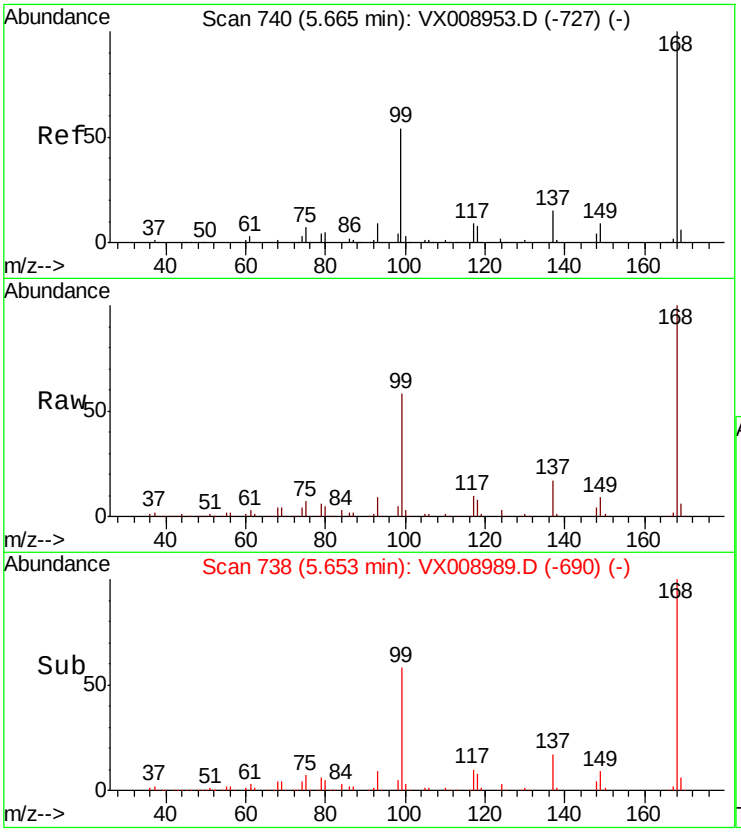
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
Data File : VX008989.D
Acq On : 16 Apr 2019 15:51
Operator : JC/SP
Sample : K2347-01
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Quant Time: Apr 16 16:18:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 14:18:15 2019
Response via : Initial Calibration



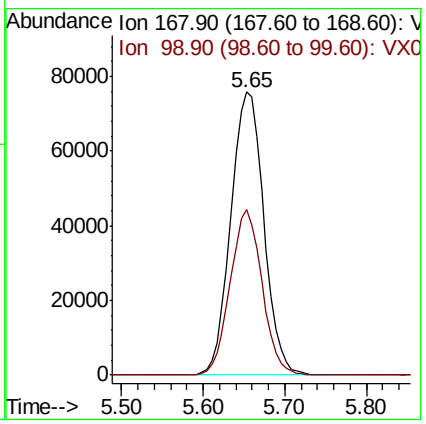


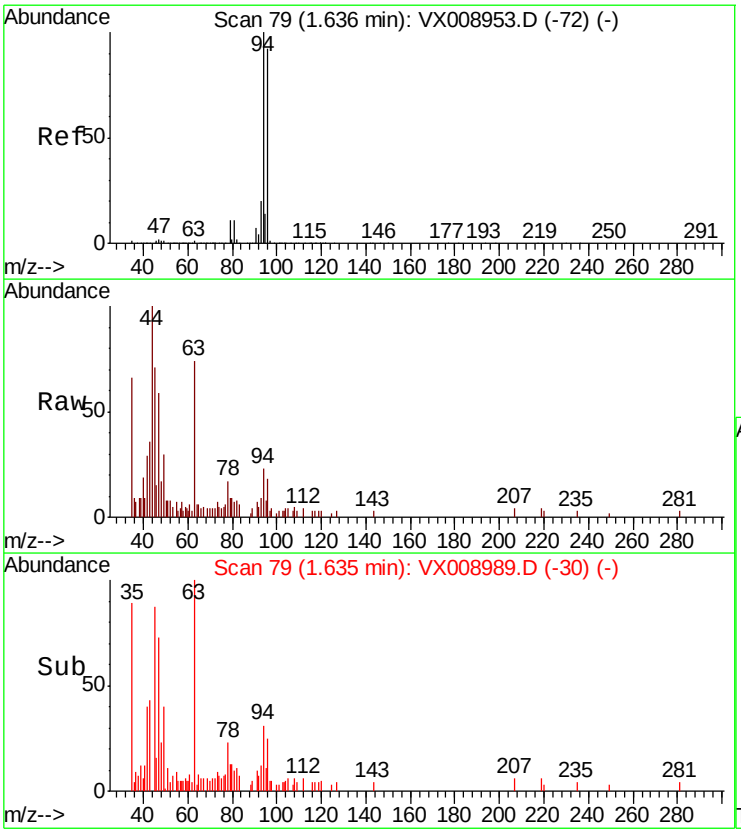
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:168 Resp: 212508

Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.7	70.1

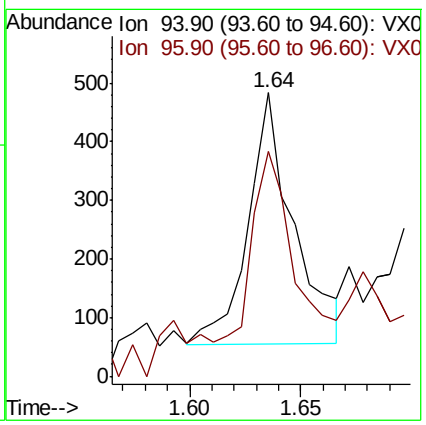


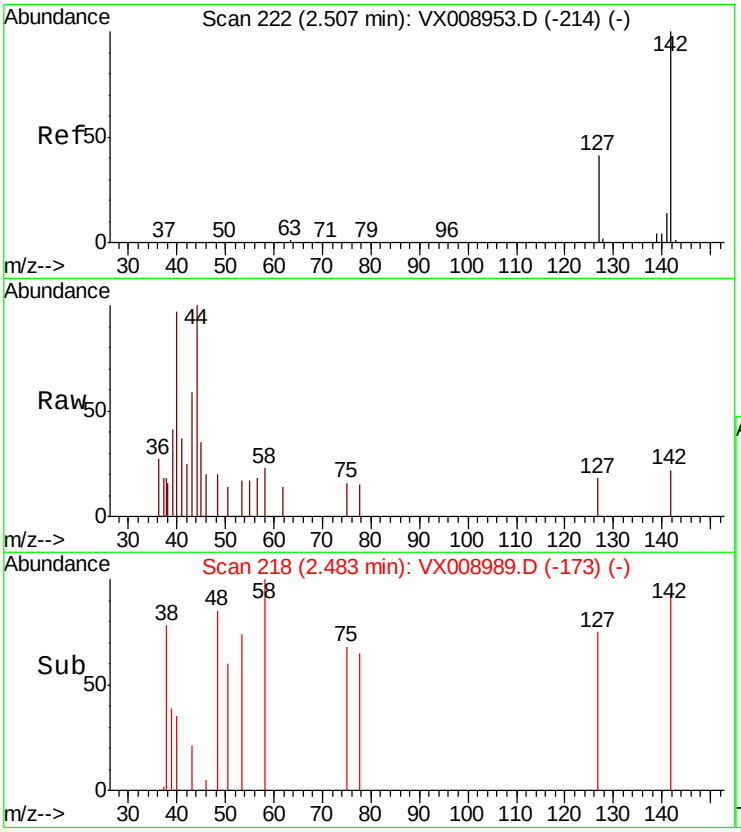


#5
Bromomethane
Concen: 4.155 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 94 Resp: 609

Ion	Ratio	Lower	Upper
94	100		
96	76.8	75.2	112.8



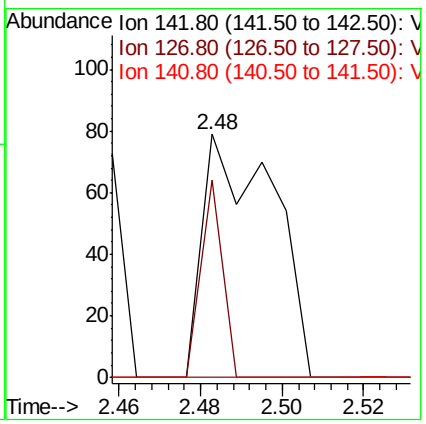


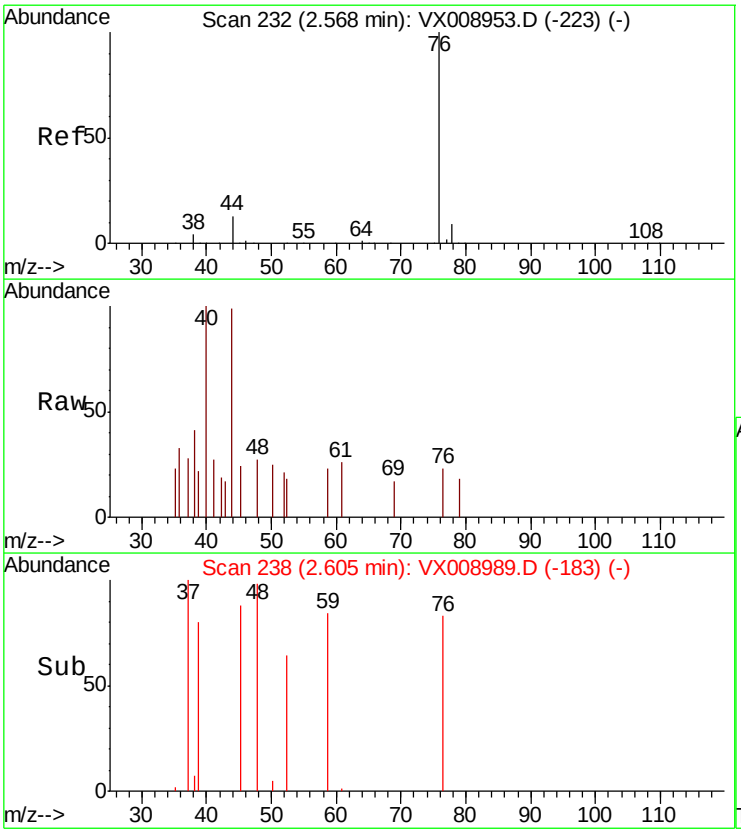
#10
Methyl Iodide
Concen: 4.451 ug/l
RT: 2.48 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:142 Resp: 95

Ion	Ratio	Lower	Upper
142	100		
127	24.2	33.0	49.6#
141	0.0	11.4	17.2#

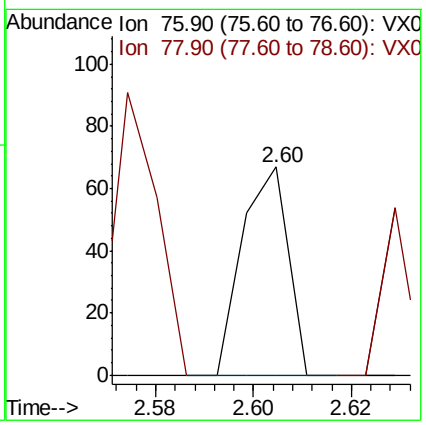


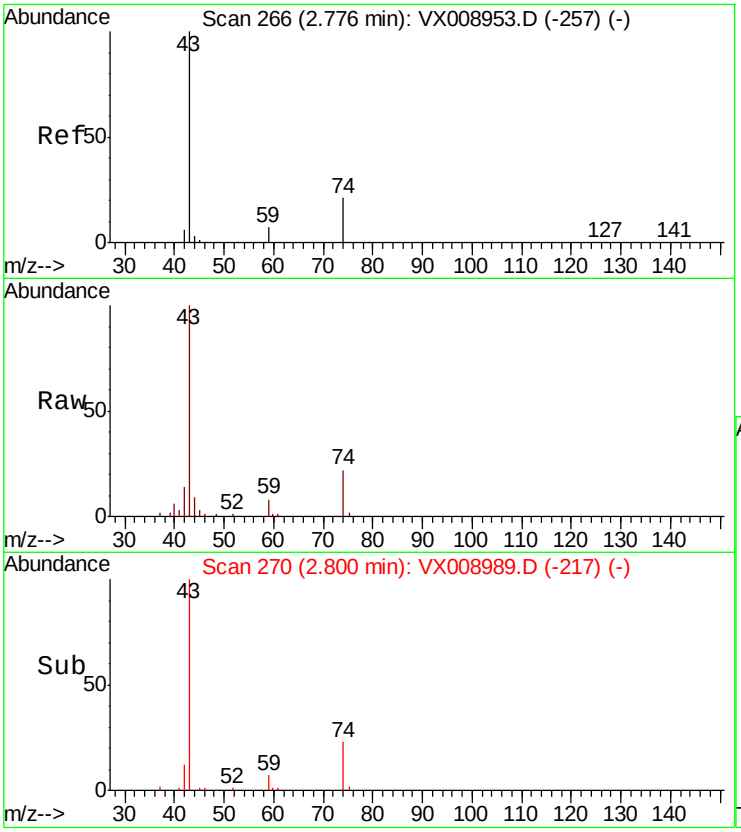


#17
Carbon Disulfide
Concen: 1.259 ug/l
RT: 2.60 min Scan# 238
Delta R.T. 0.04 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 76 Resp: 44

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



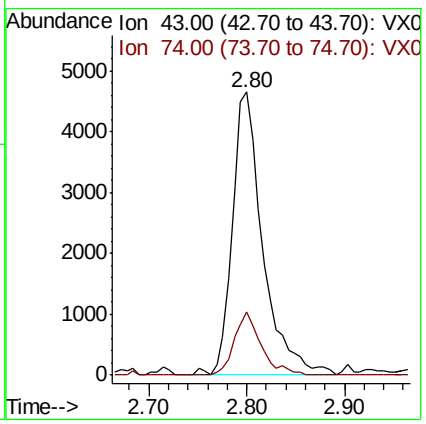


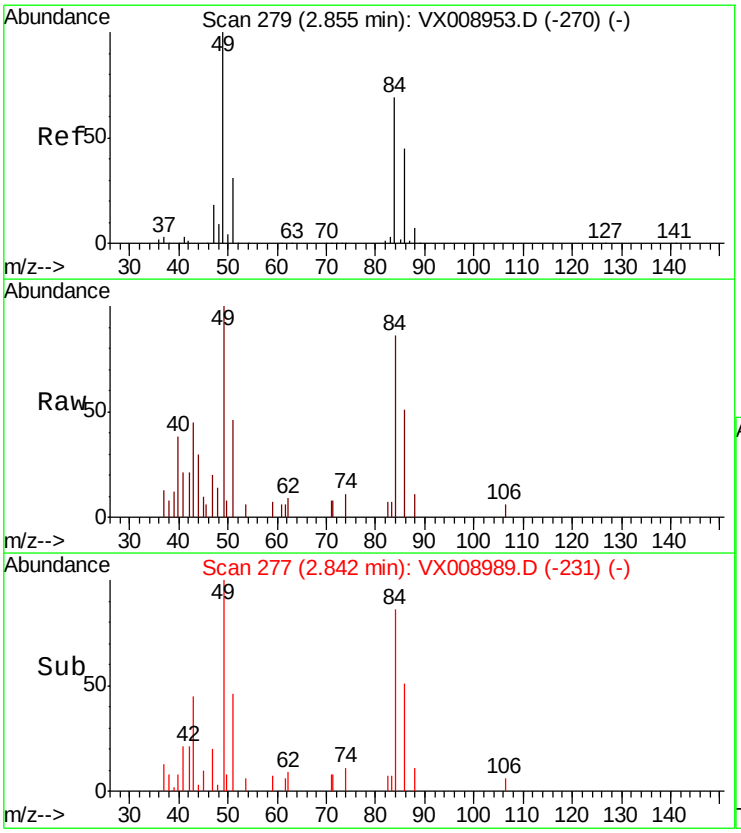
#18
Methyl Acetate
Concen: 2.595 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 43 Resp: 10058

Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.5	24.7

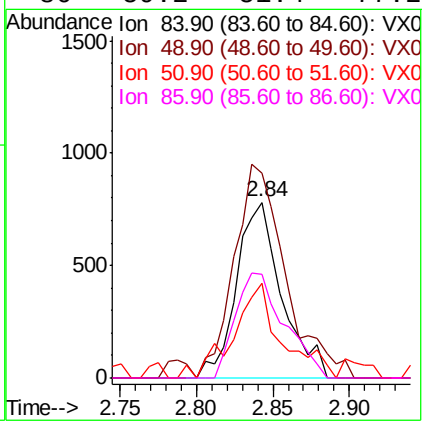


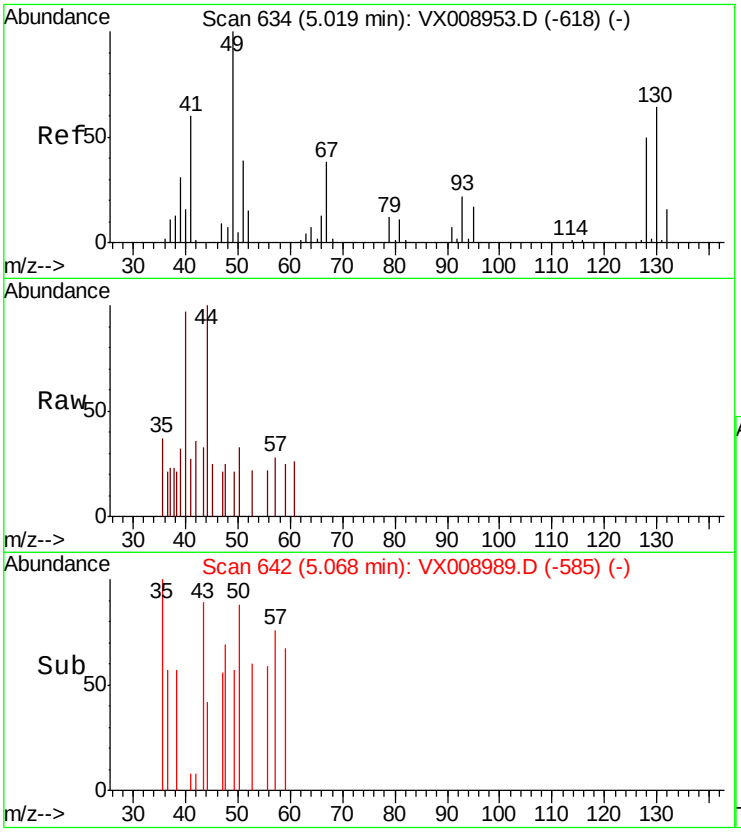


#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 84 Resp: 1603

Ion	Ratio	Lower	Upper
84	100		
49	108.7	109.7	164.5#
51	53.6	33.6	50.4#
86	59.2	51.4	77.2



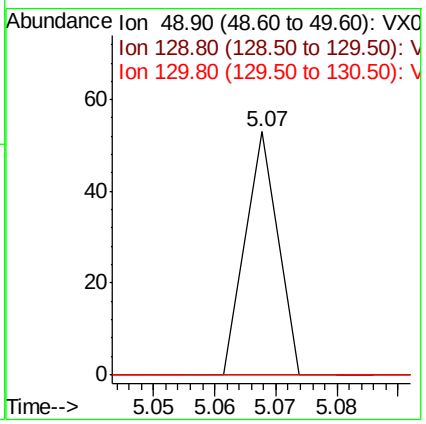


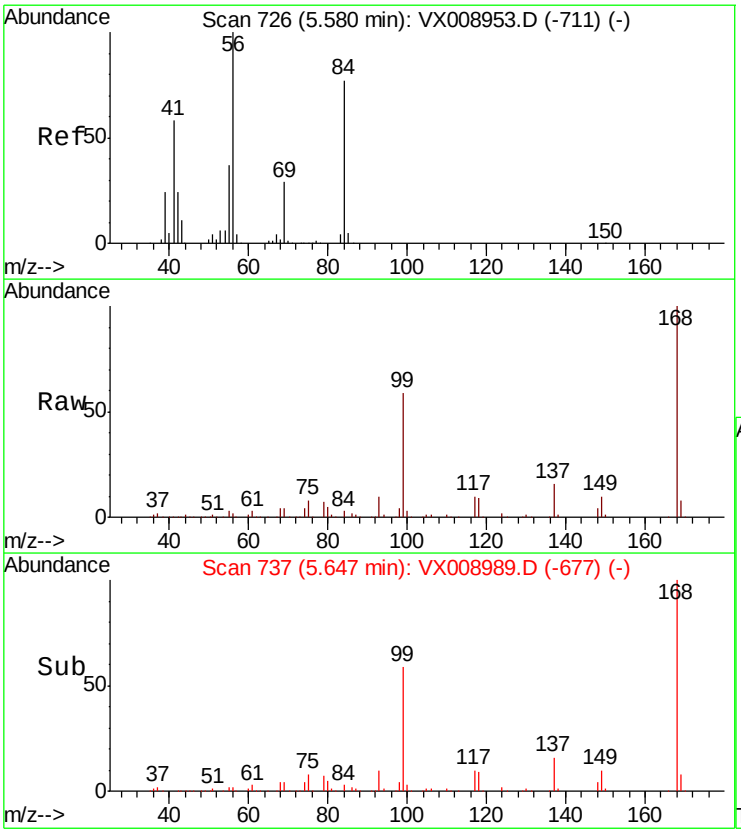
#28
Bromochloromethane
Concen: Below Cal
RT: 5.07 min Scan# 642
Delta R.T. 0.05 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument : MSVOA_X
ClientSampleId : BCOG01

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

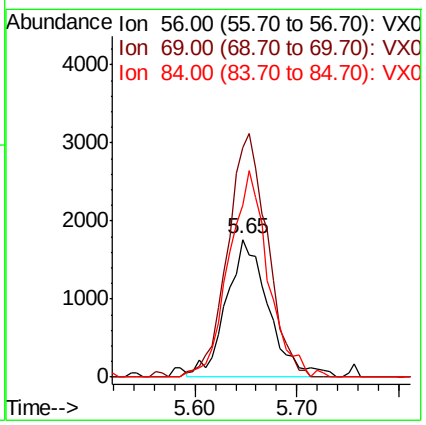


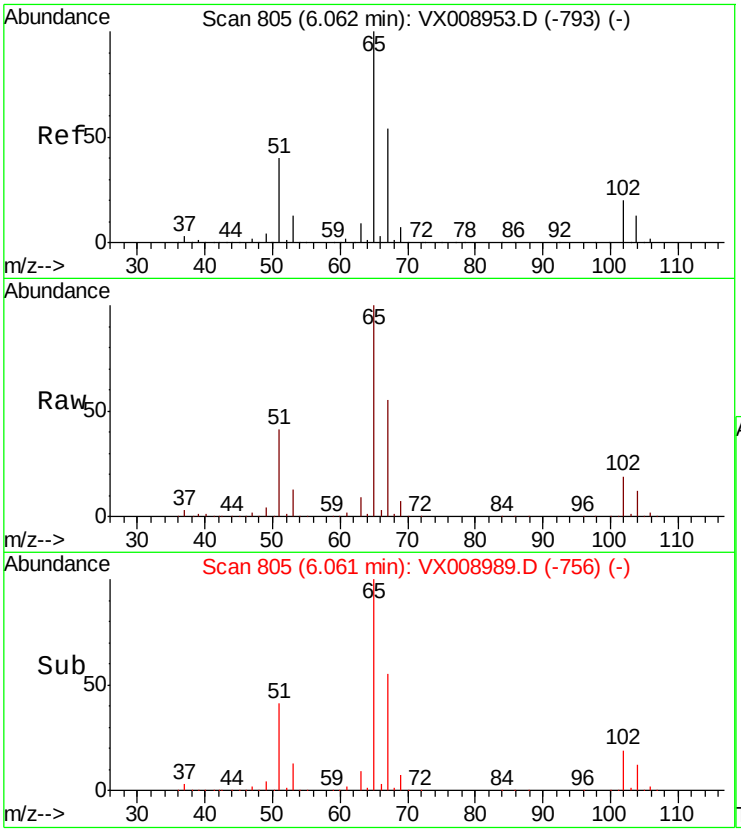


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 56 Resp: 5055

Ion	Ratio	Lower	Upper
56	100		
69	167.0	22.6	33.8#
84	125.2	59.3	88.9#



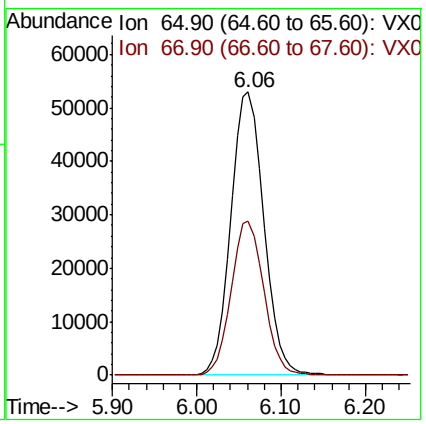


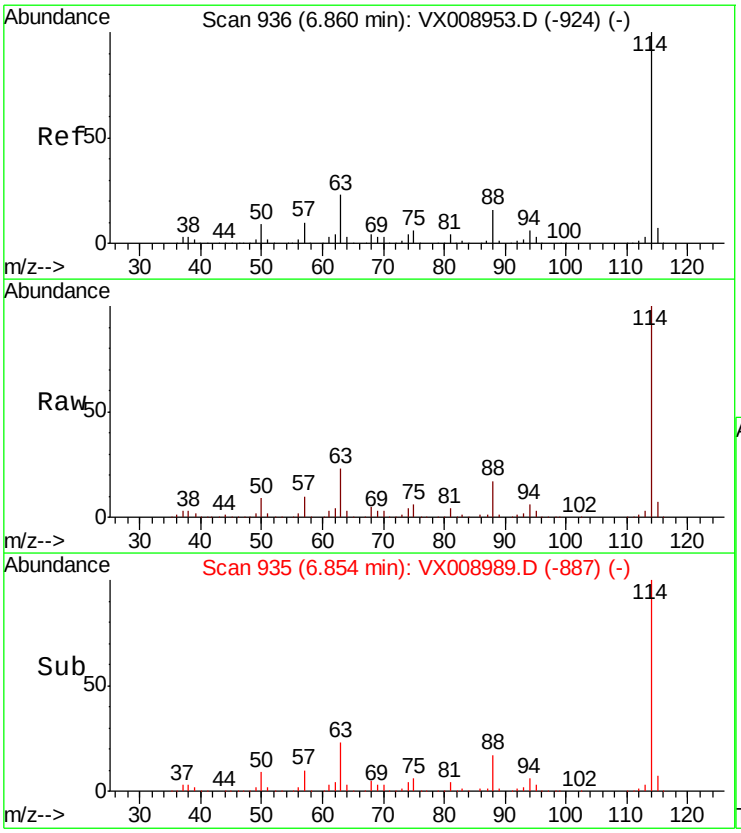
#33
1,2-Dichloroethane-d4
Concen: 46.915 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 65 Resp: 140502

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.2

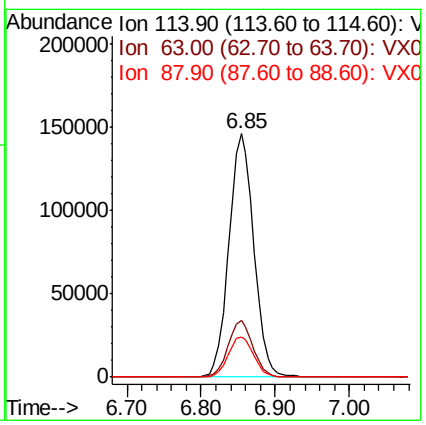


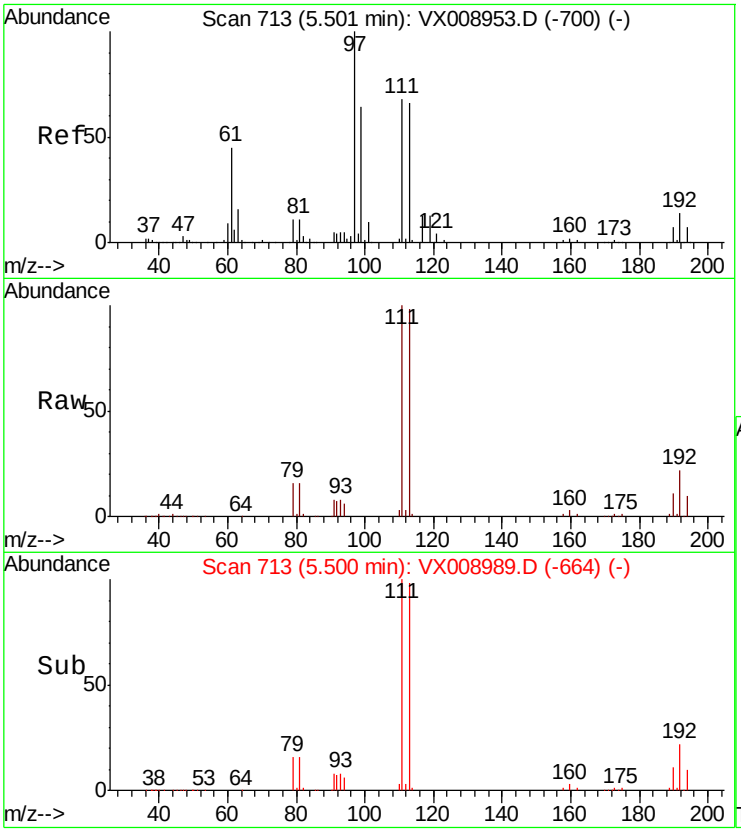


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:114 Resp: 342058

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.7	0.0	34.0



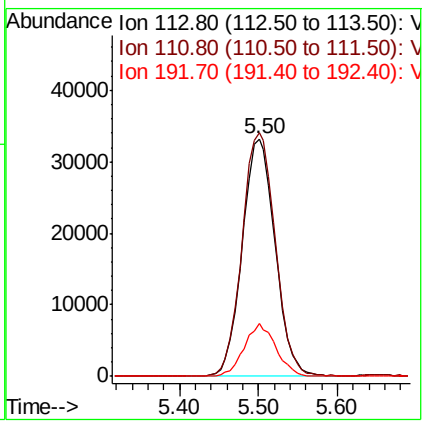


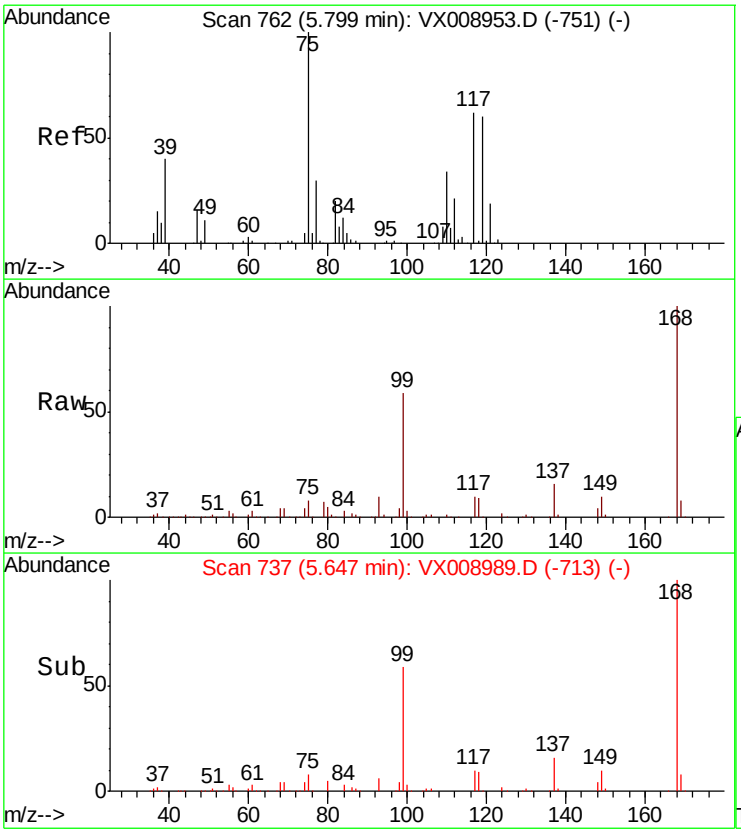
#35
Dibromofluoromethane
Concen: 43.833 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:113 Resp: 96225

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.2
192	21.4	16.1	24.1

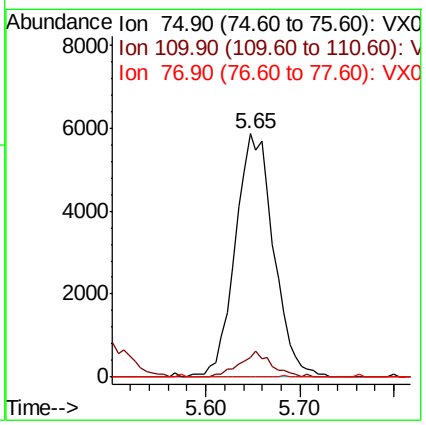


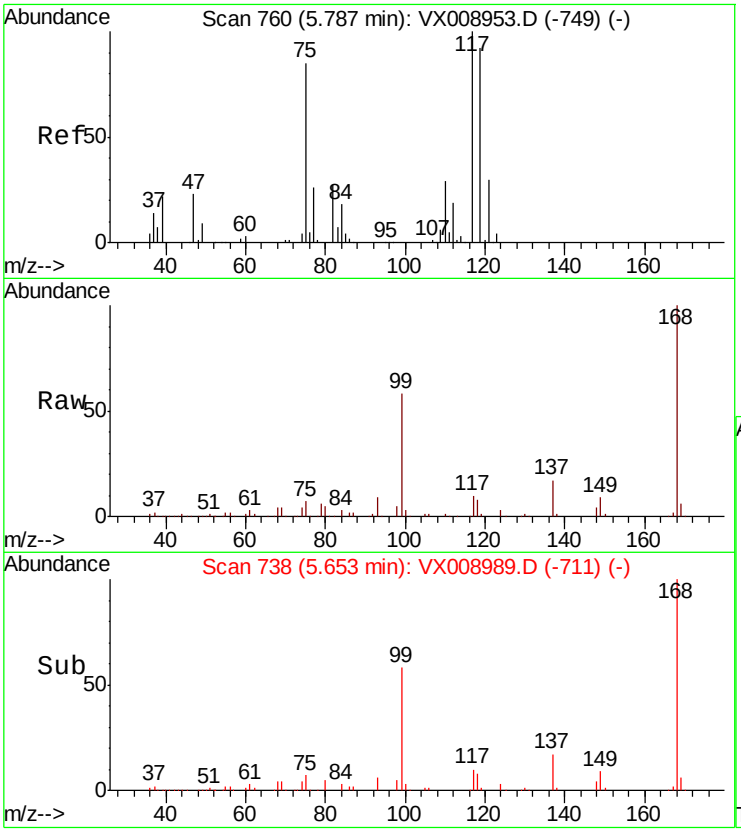


#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.15 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 75 Resp: 16716

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.4	49.2#
77	0.0	24.7	37.1#



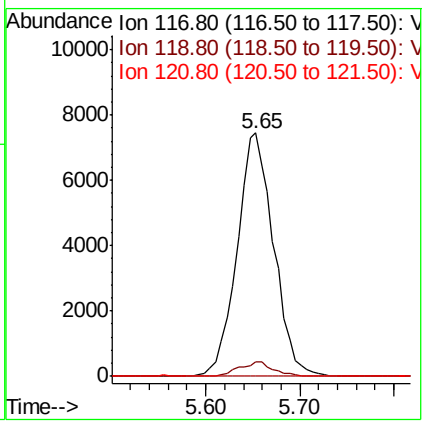


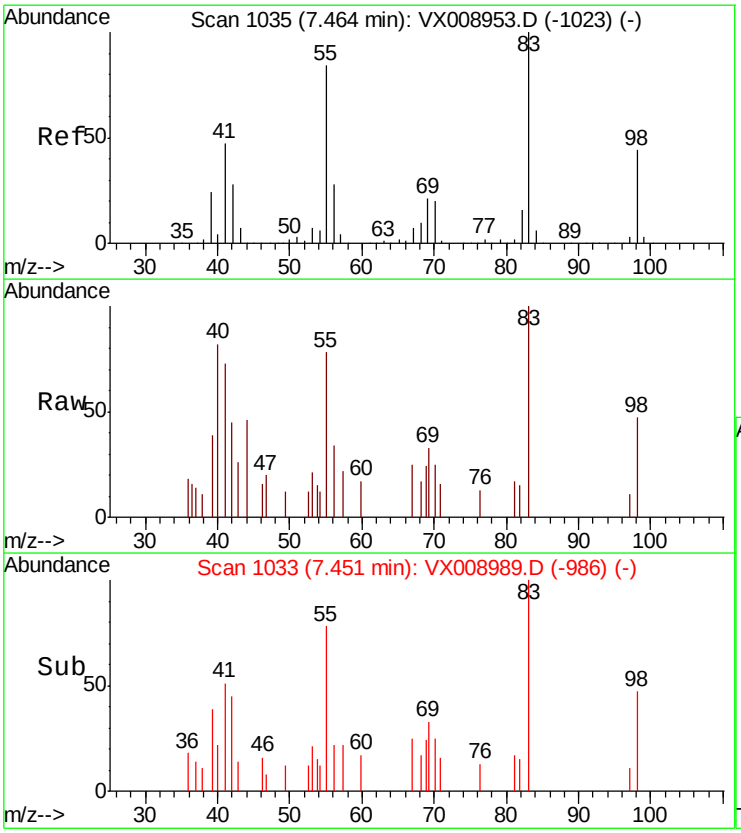
#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:117 Resp: 20127

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.0	112.6#
121	0.0	24.3	36.5#

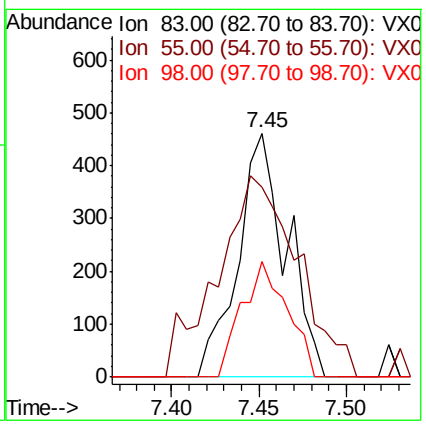


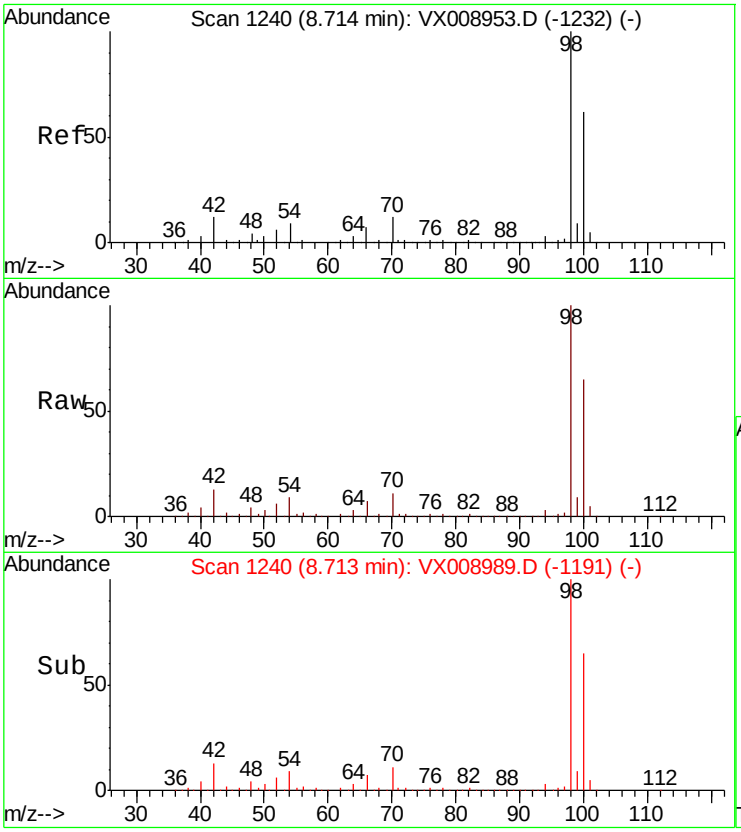


#39
Methylcyclohexane
Concen: 0.207 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 83 Resp: 892

Ion	Ratio	Lower	Upper
83	100		
55	64.6	69.0	103.6#
98	47.3	34.4	51.6



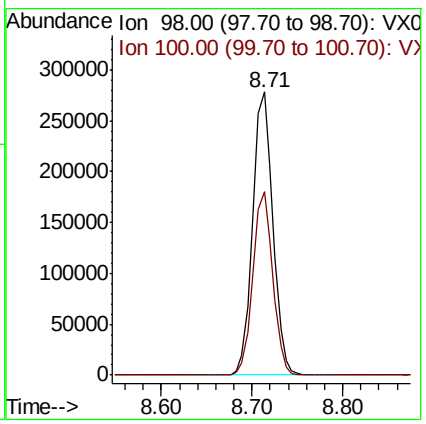


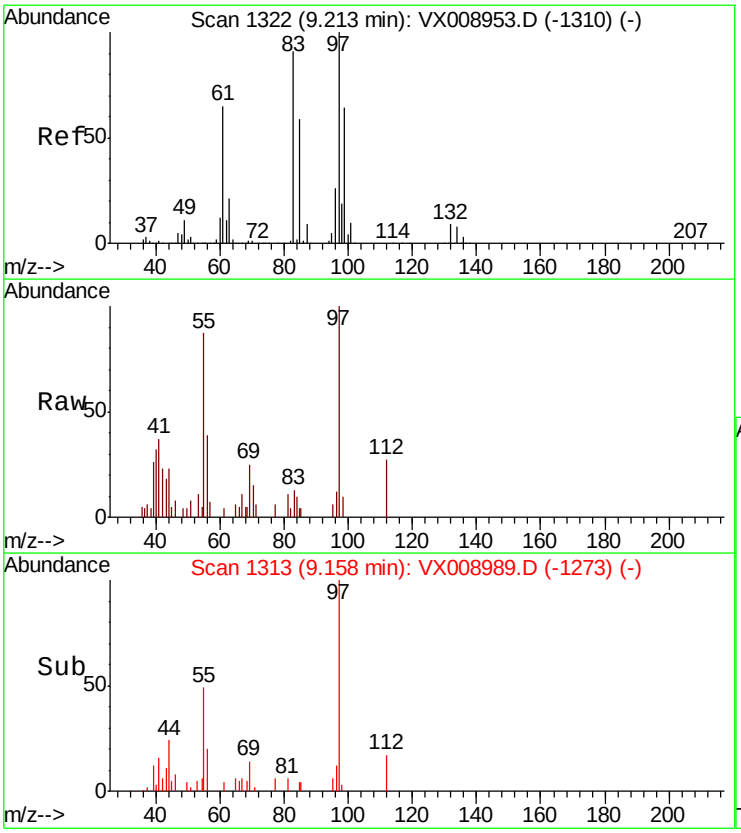
#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 98 Resp: 429673

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0

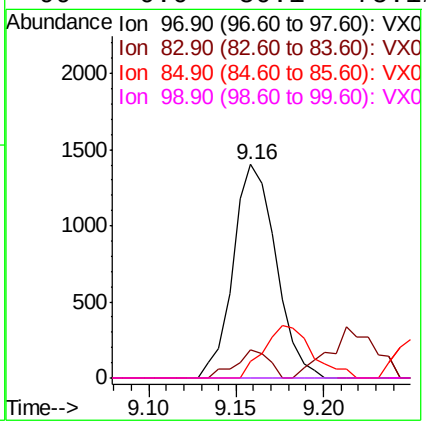


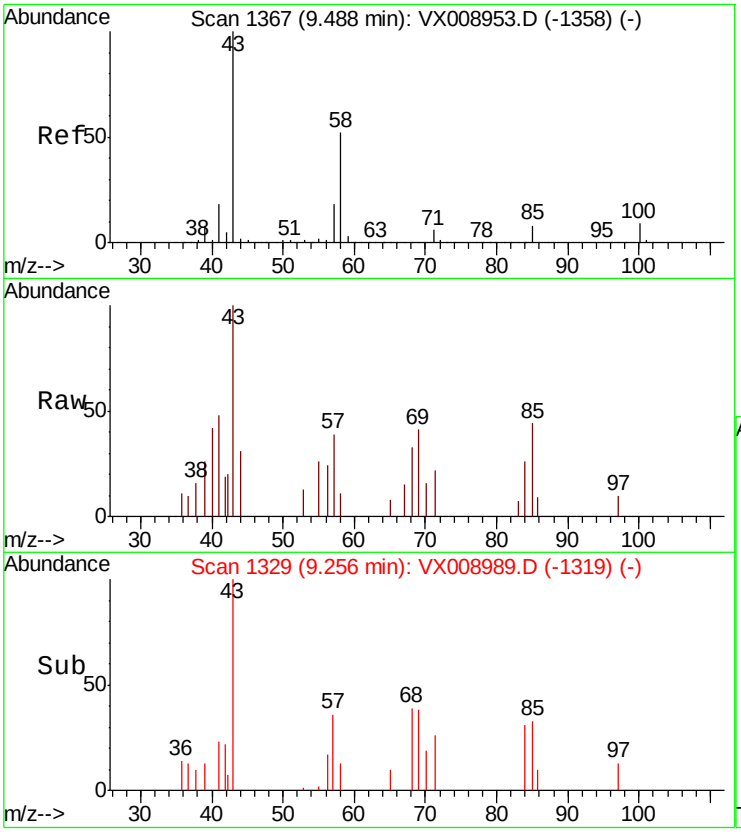


#55
1,1,2-Trichloroethane
Concen: 0.964 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.06 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 97 Resp: 2390

Ion	Ratio	Lower	Upper
97	100		
83	13.0	73.2	109.8#
85	7.9	46.6	69.8#
99	0.0	50.1	75.1#



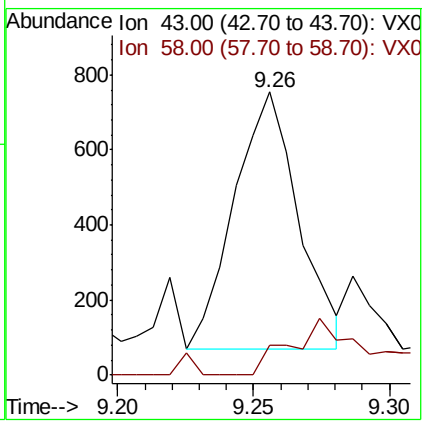


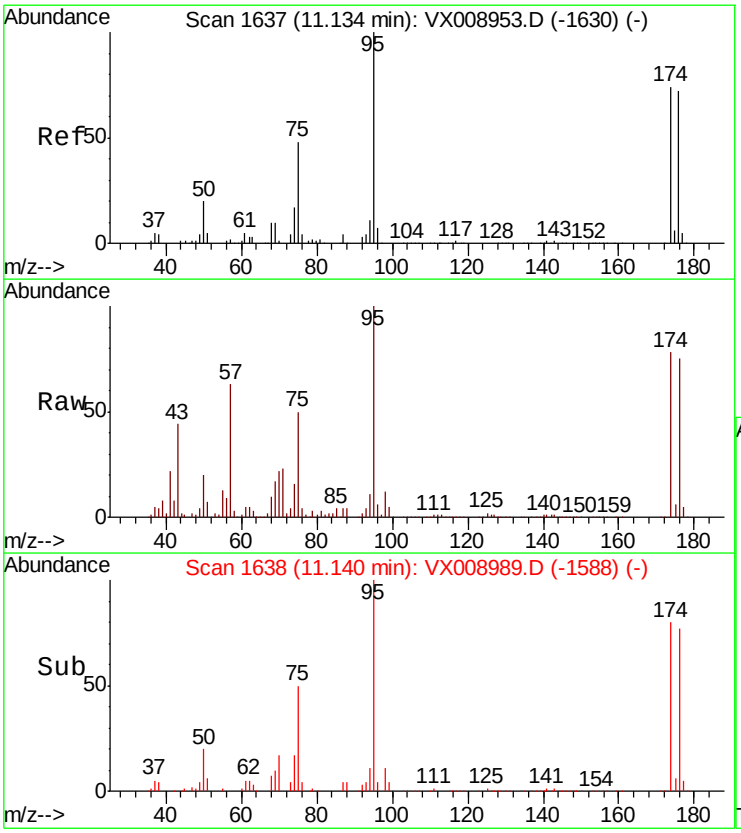
#59
2-Hexanone
Concen: 0.312 ug/l
RT: 9.26 min Scan# 1329
Delta R.T. -0.24 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 43 Resp: 1124

Ion	Ratio	Lower	Upper
43	100		
58	26.4	25.9	77.7

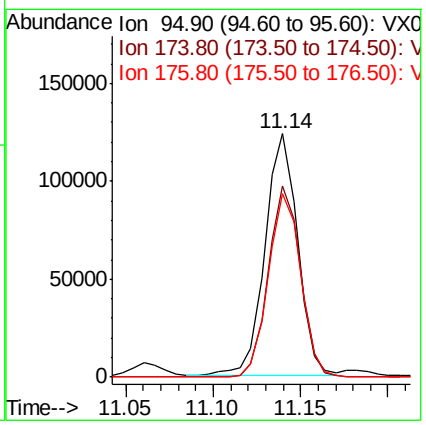


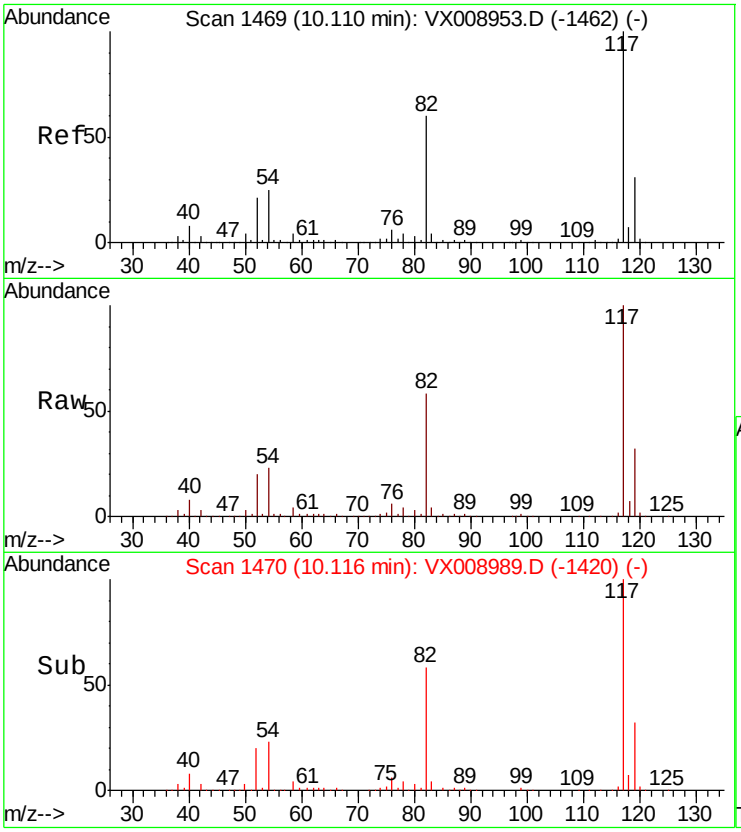


#62
4-Bromofluorobenzene
Concen: 52.336 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 95 Resp: 161741

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	151.8
176	74.9	0.0	145.8



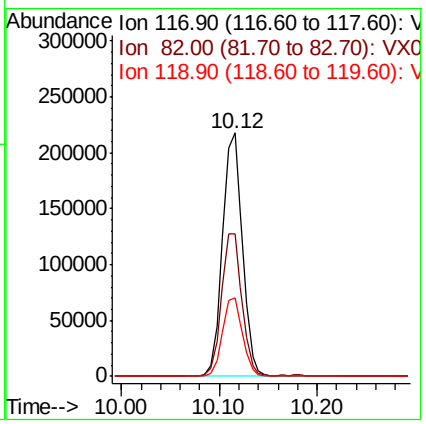


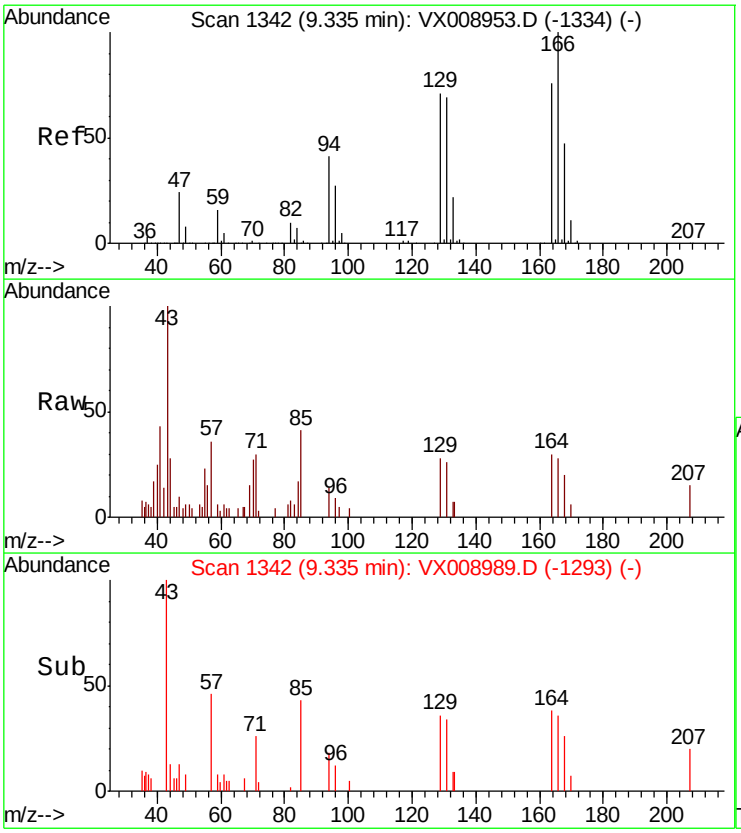
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument : MSVOA_X
ClientSampleId : BCOG01

Tgt Ion:117 Resp: 307133

Ion	Ratio	Lower	Upper
117	100		
82	58.2	49.6	74.4
119	32.1	25.0	37.4

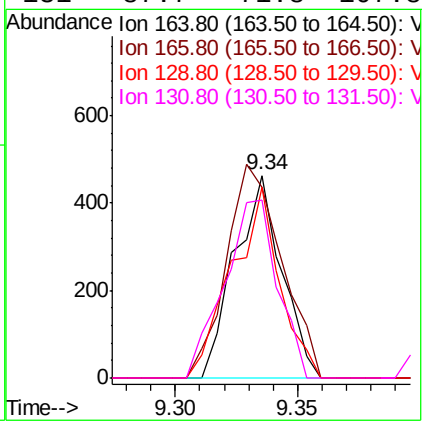


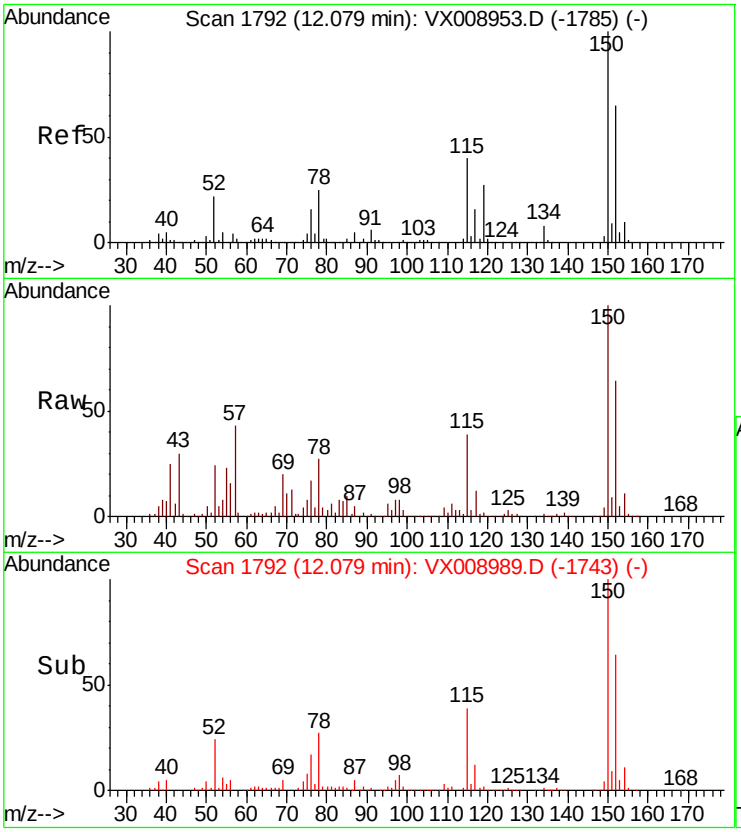


#64
Tetrachloroethene
Concen: 0.264 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:164 Resp: 615

Ion	Ratio	Lower	Upper
164	100		
166	94.2	101.0	151.6#
129	94.2	75.8	113.8
131	87.7	71.8	107.8



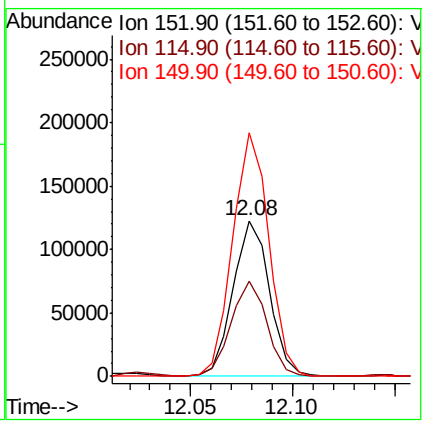


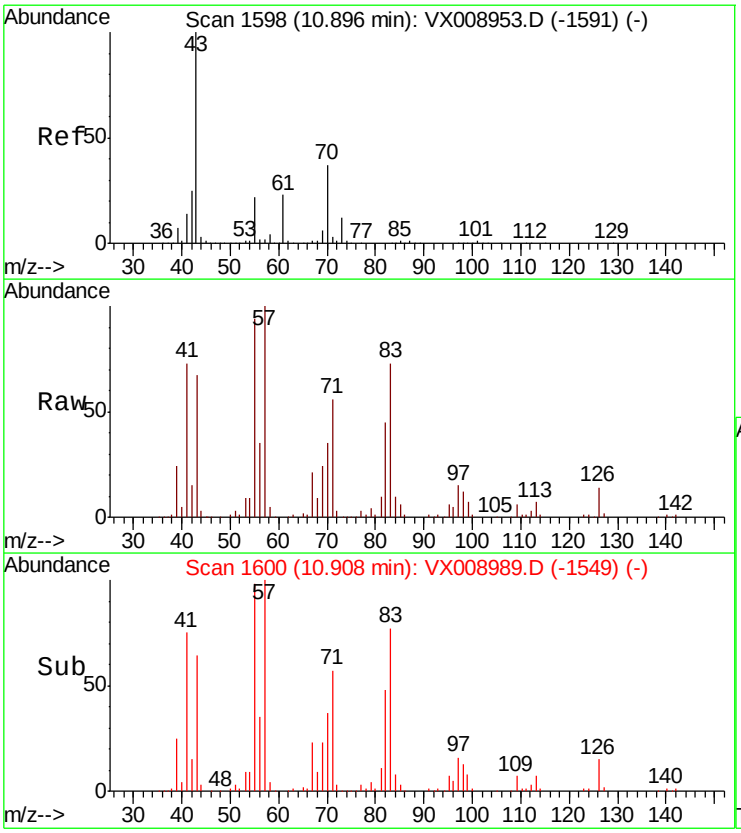
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:152 Resp: 150545

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.5	130.5
150	156.8	0.0	348.8

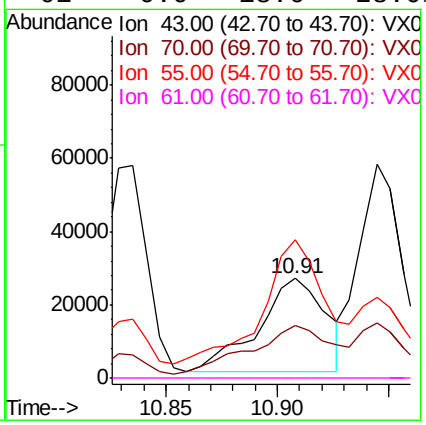


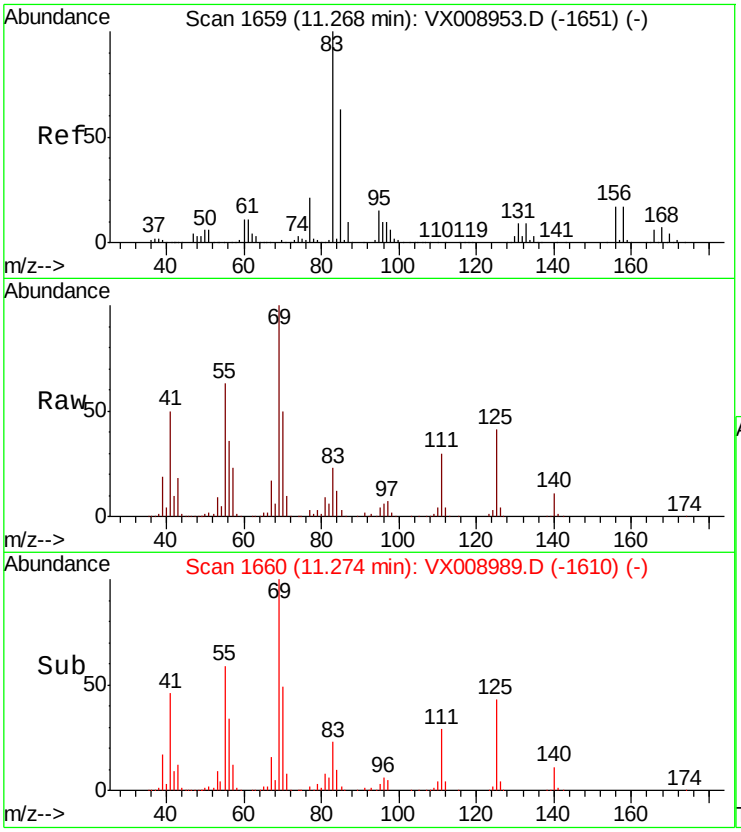


#74
N-amyl acetate
Concen: 8.043 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 43 Resp: 52697

Ion	Ratio	Lower	Upper
43	100		
70	65.3	30.2	45.4#
55	125.4	18.2	27.4#
61	0.0	18.6	28.0#



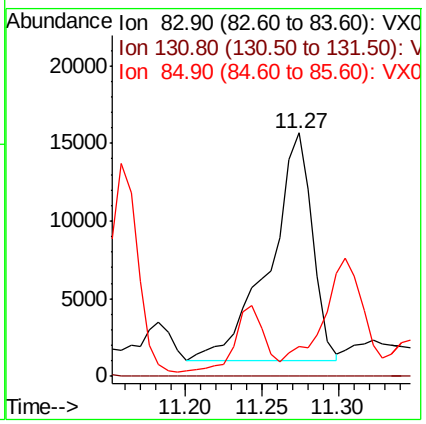


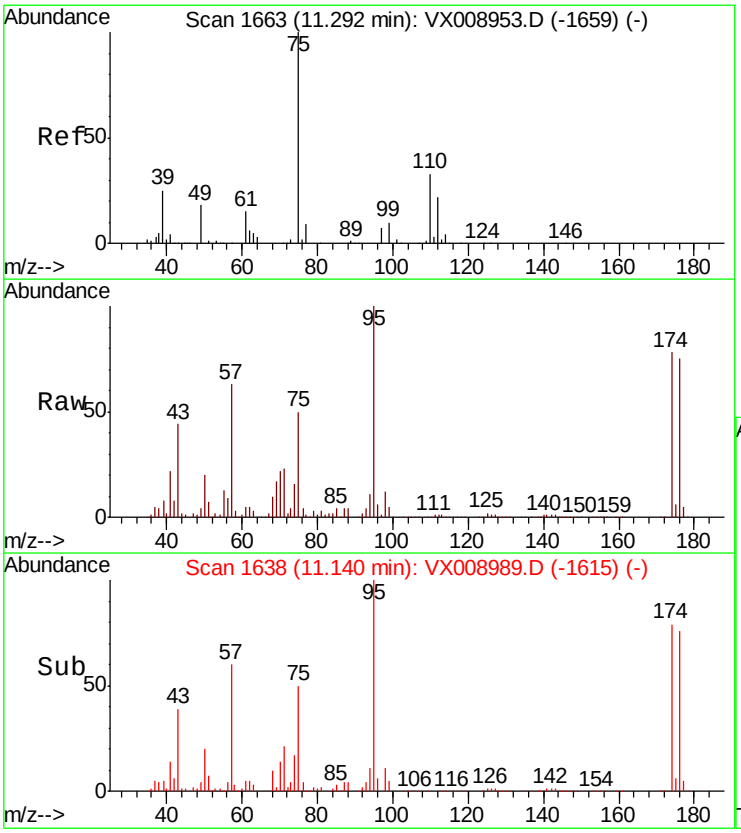
#75
1,1,2,2-Tetrachloroethane
Concen: 6.842 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 83 Resp: 28529

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.0	96.2#

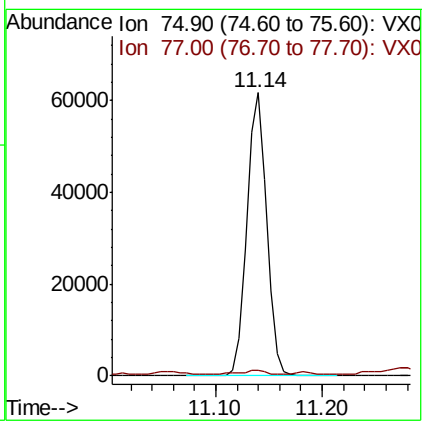


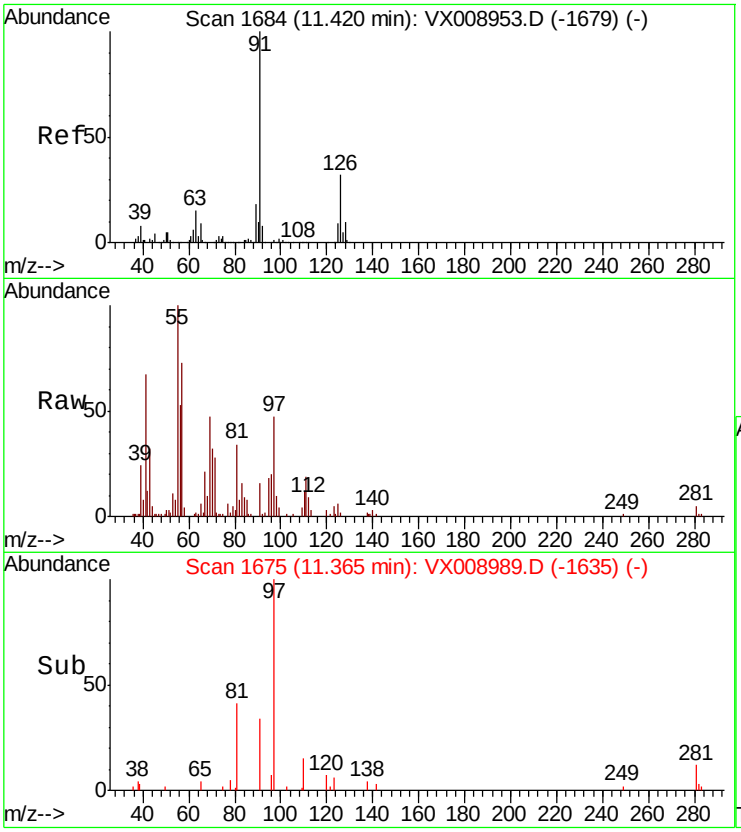


#76
1,2,3-Trichloropropane
Concen: 16.838 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 75 Resp: 80687

Ion	Ratio	Lower	Upper
75	100		
77	1.8	22.3	66.8#



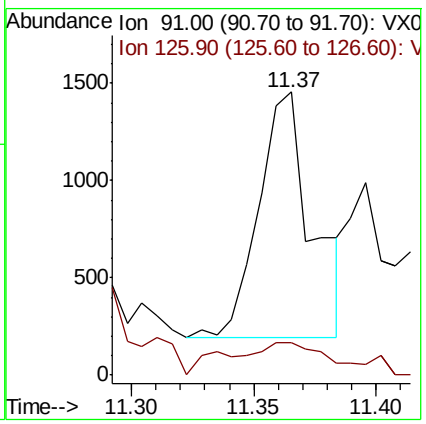


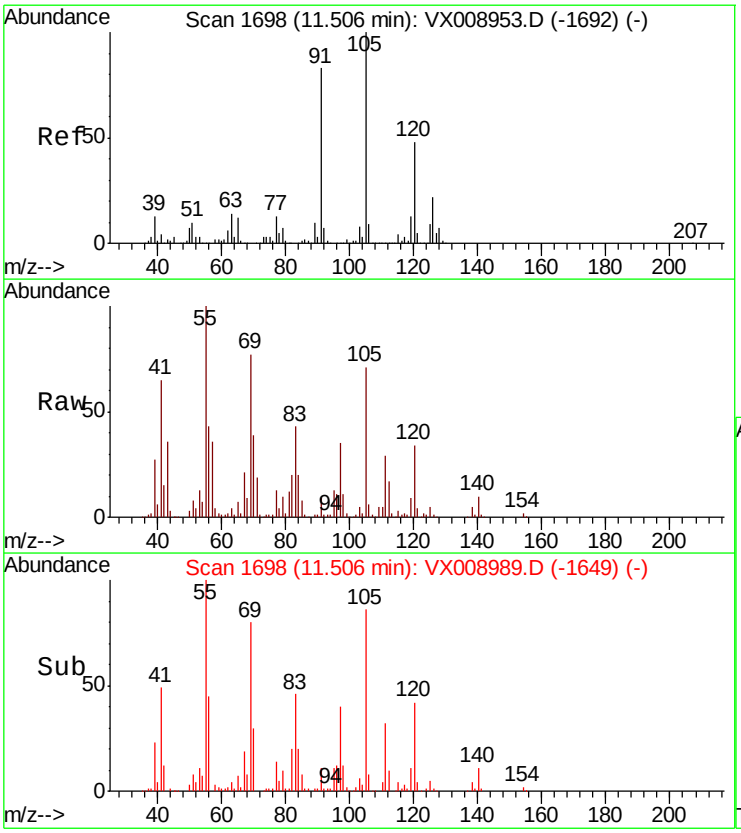
#79
2-Chlorotoluene
Concen: 0.243 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. -0.06 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 91 Resp: 1915

Ion	Ratio	Lower	Upper
91	100		
126	20.7	16.1	48.3

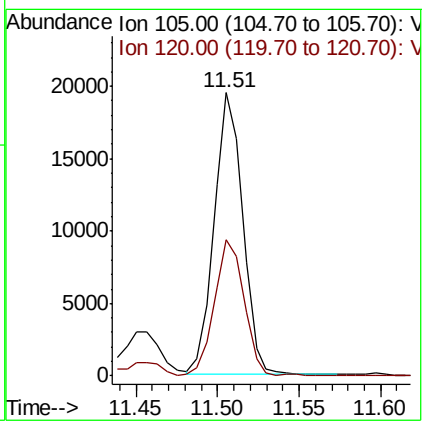


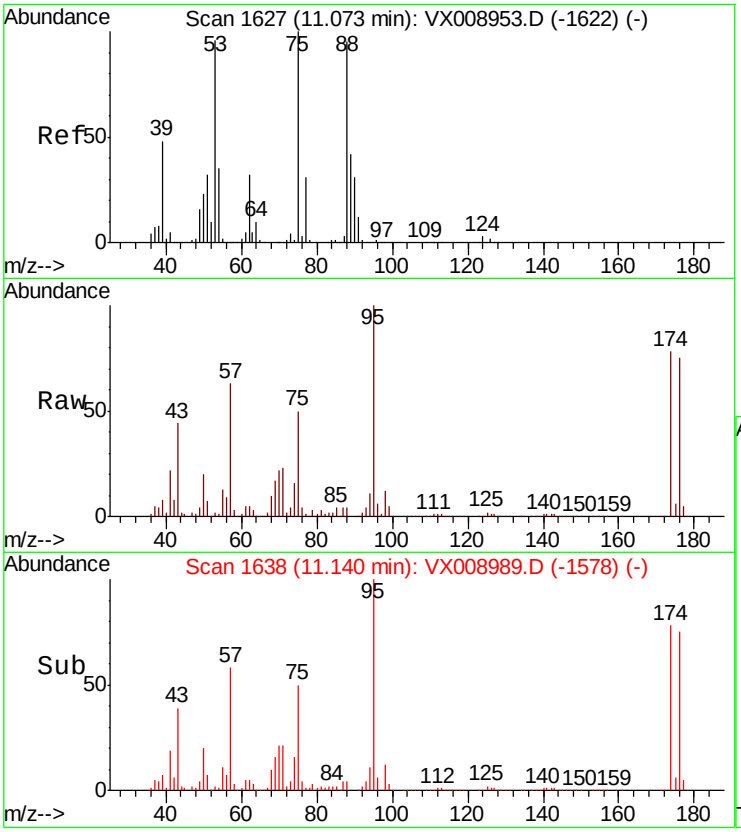


#80
1,3,5-Trimethylbenzene
Concen: 2.493 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:105 Resp: 23876

Ion	Ratio	Lower	Upper
105	100		
120	50.2	23.5	70.6



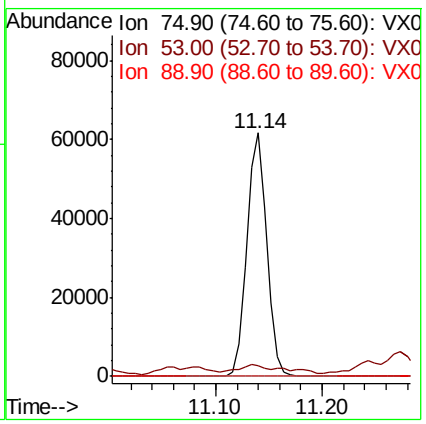


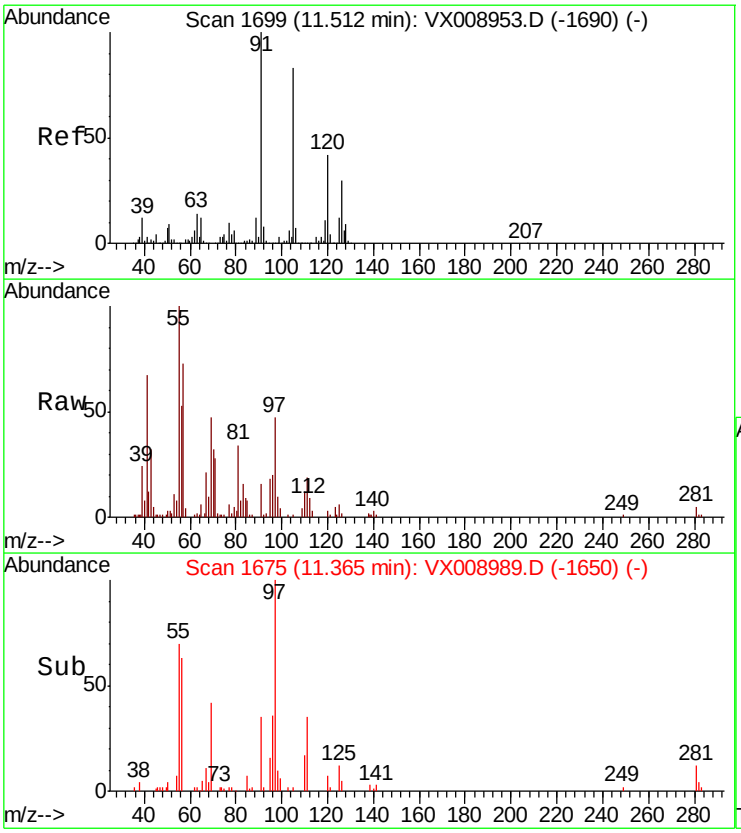
#81
trans-1,4-Dichloro-2-butene
Concen: 56.351 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 75 Resp: 80687

Ion	Ratio	Lower	Upper
75	100		
53	3.0	81.3	121.9#
89	0.0	35.6	53.4#

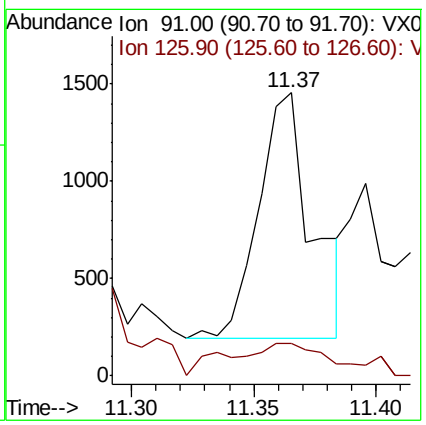


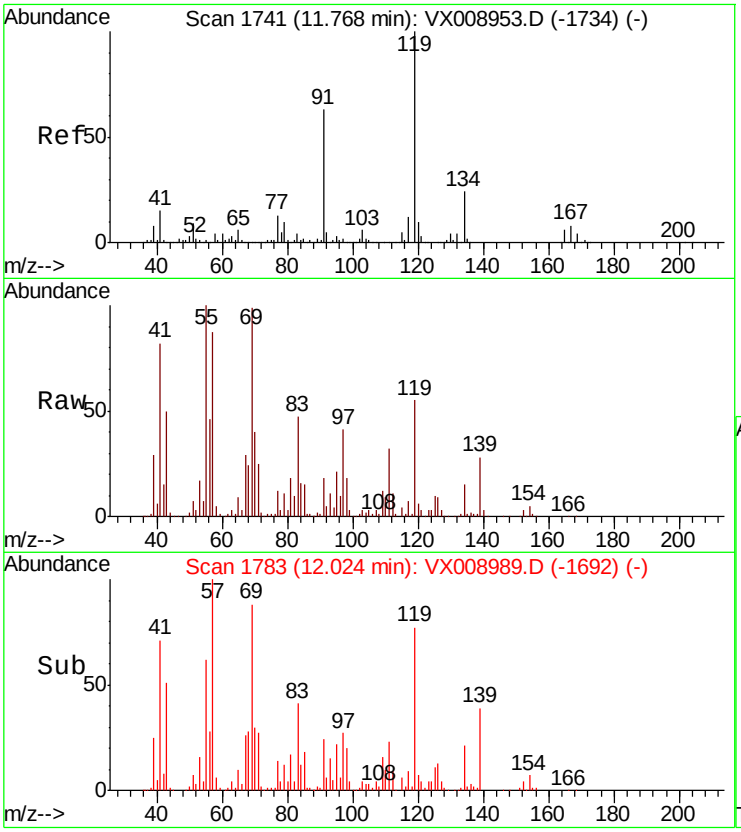


#82
4-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. -0.15 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion: 91 Resp: 1915

Ion	Ratio	Lower	Upper
91	100		
126	20.7	13.9	41.6



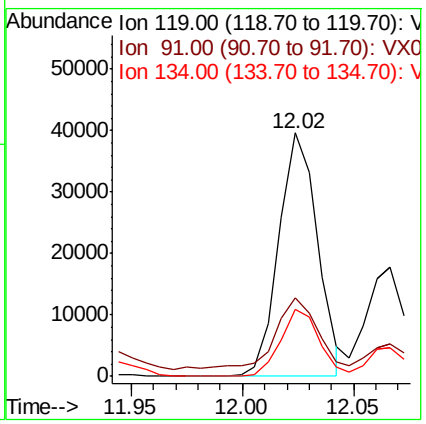


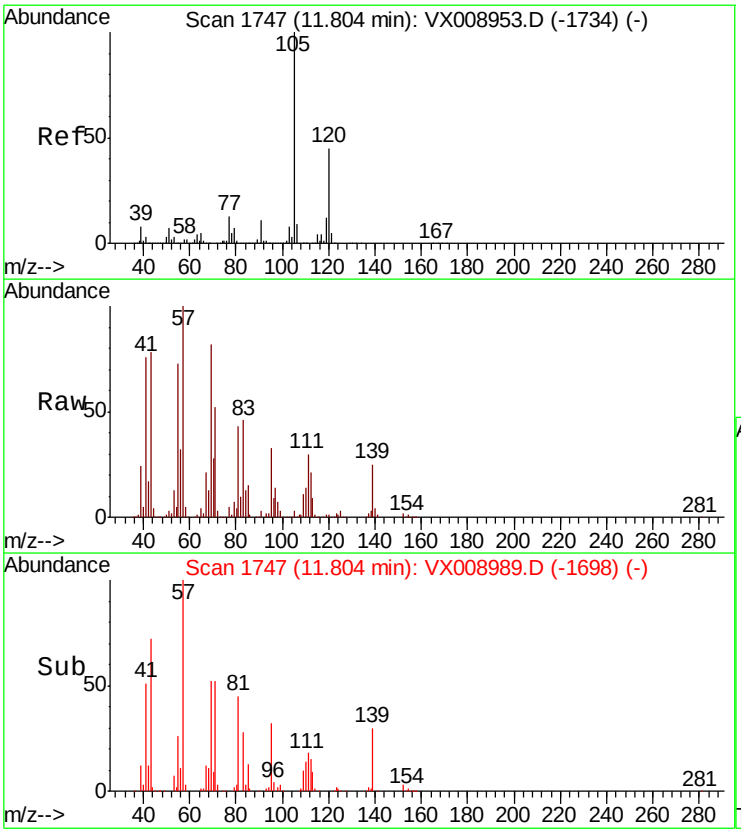
#83
tert-Butylbenzene
Concen: 5.184 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:119 Resp: 47660

Ion	Ratio	Lower	Upper
119	100		
91	28.1	30.0	90.1#
134	27.4	11.1	33.3

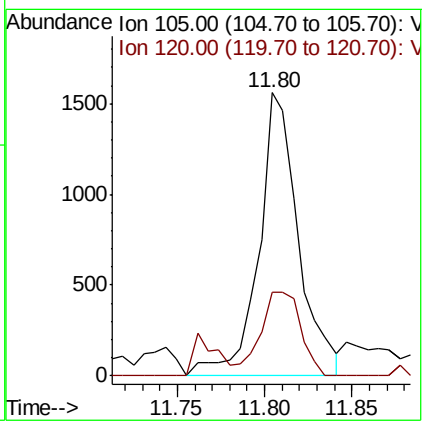


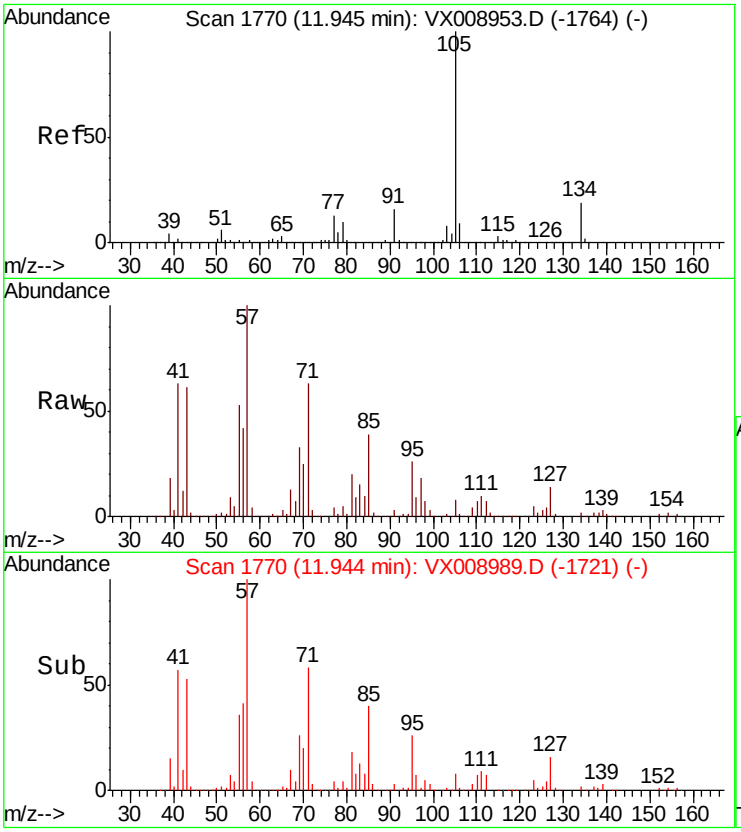


#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:105 Resp: 2460

Ion	Ratio	Lower	Upper
105	100		
120	30.4	21.8	65.3



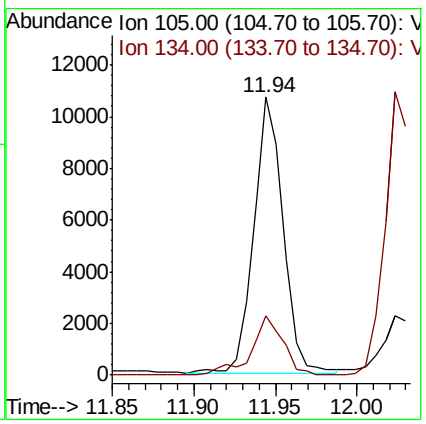


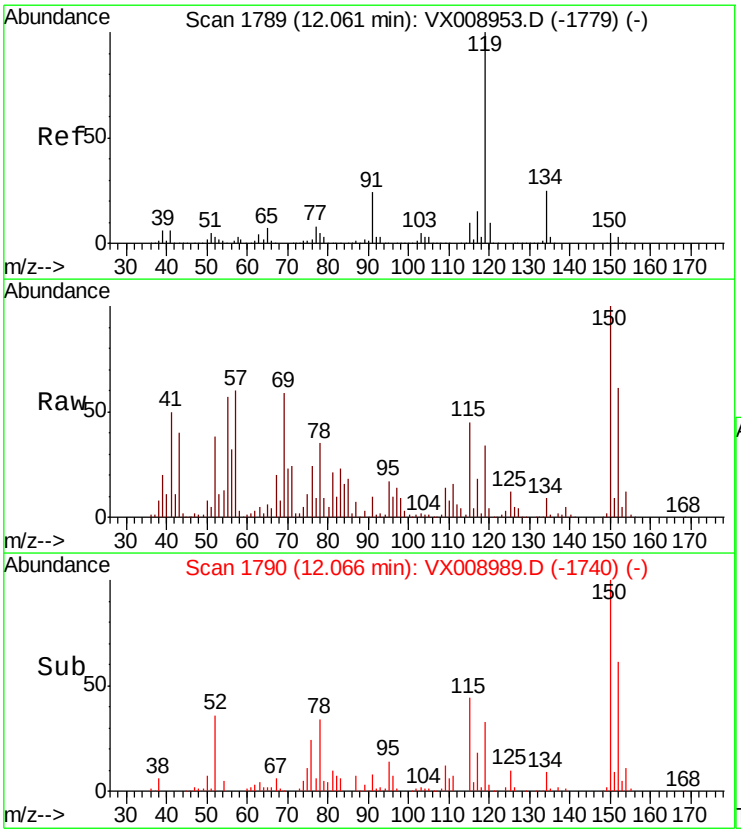
#85
sec-Butylbenzene
Concen: 1.213 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:105 Resp: 13299

Ion	Ratio	Lower	Upper
105	100		
134	23.3	9.4	28.2

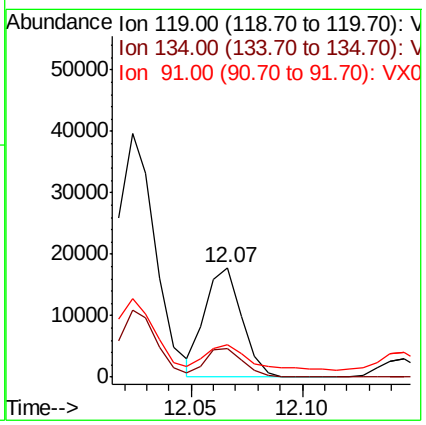


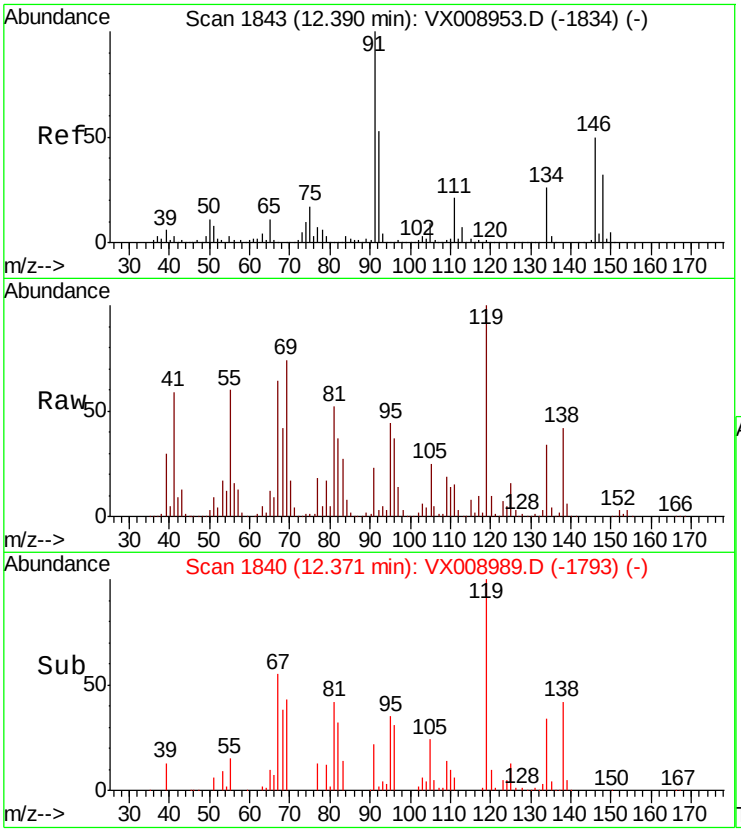


#86
p-Isopropyltoluene
Concen: 2.050 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:119 Resp: 20663

Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.8	38.4
91	25.5	12.2	36.6



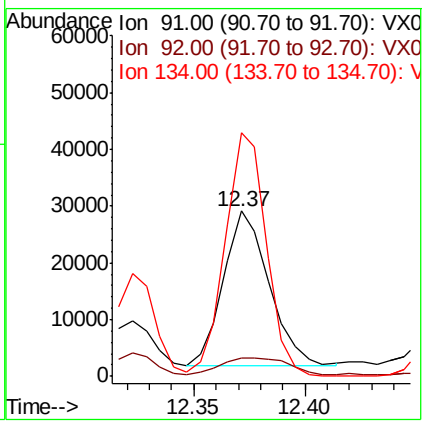


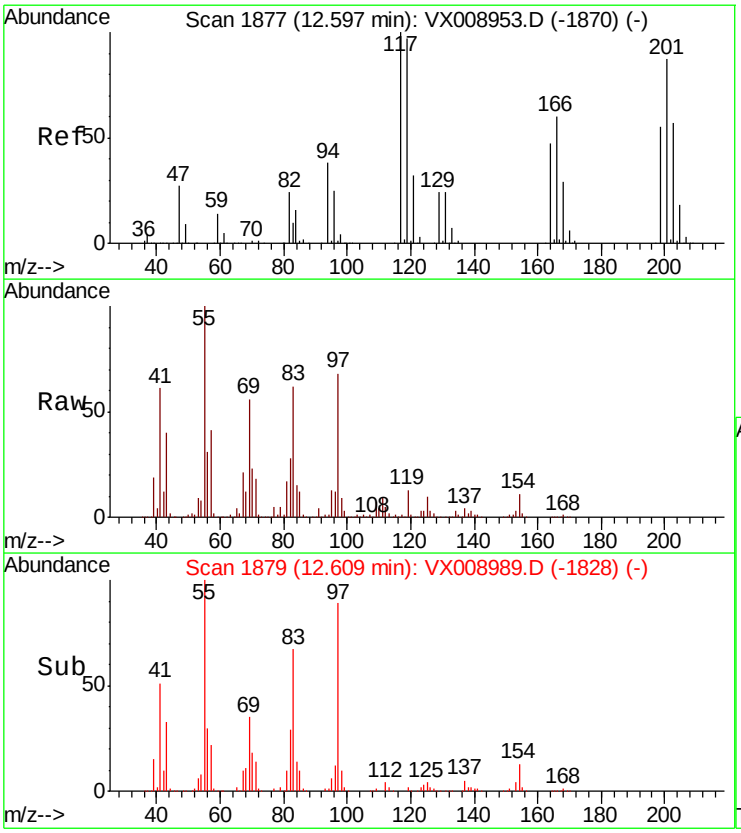
#89
n-Butylbenzene
Concen: 4.170 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 91 Resp: 39150

Ion	Ratio	Lower	Upper
91	100		
92	16.2	26.4	79.2#
134	141.0	12.0	36.0#

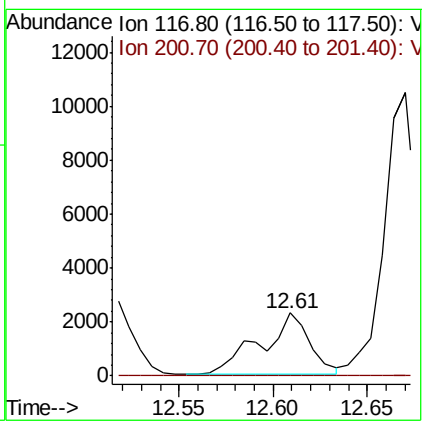


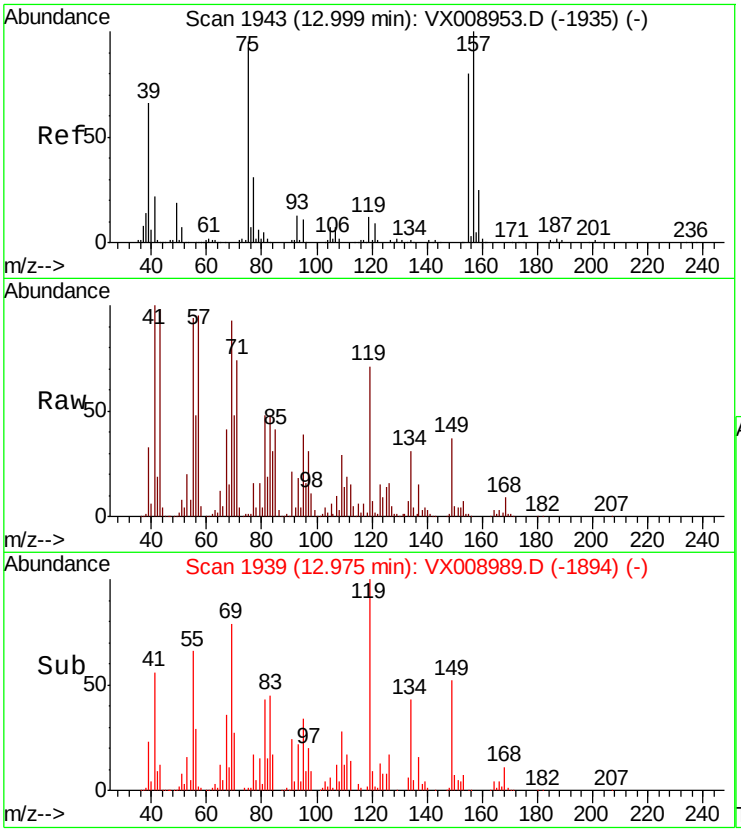


#90
Hexachloroethane
Concen: 2.469 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:117 Resp: 4105

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.6	122.0#



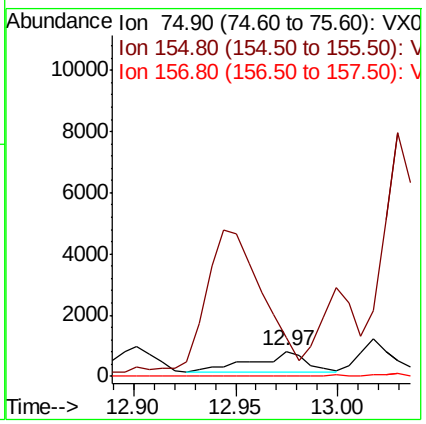


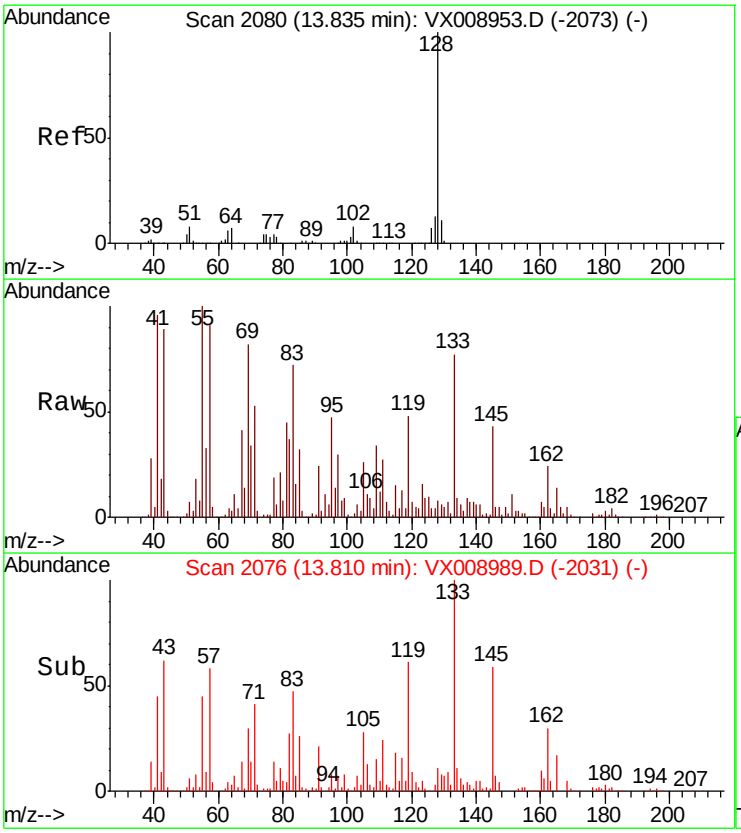
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.375 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion: 75 Resp: 1305

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.9	119.6#
157	0.0	51.5	154.7#

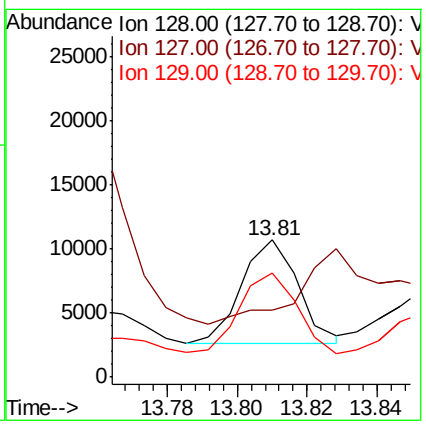


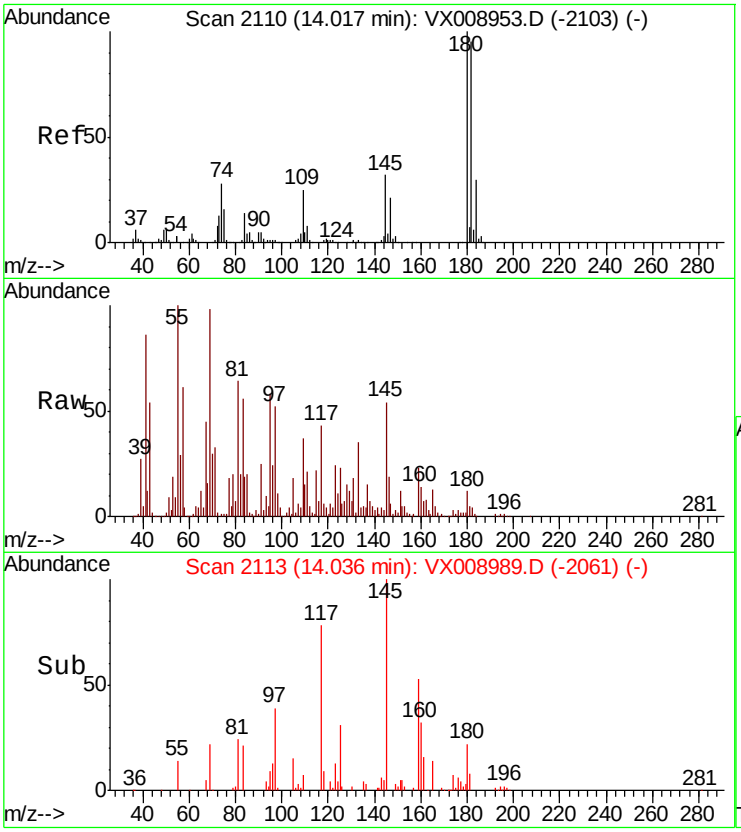


#95
Naphthalene
Concen: 0.793 ug/l
RT: 13.81 min Scan# 2076
Delta R.T. -0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Tgt Ion:128 Resp: 9128

Ion	Ratio	Lower	Upper
128	100		
127	129.4	10.4	15.6#
129	78.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 4.952 ug/l
RT: 14.04 min Scan# 2113
Delta R.T. 0.02 min
Lab File: VX008989.D
Acq: 16 Apr 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
BCOG01

Tgt Ion:180 Resp: 17549

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	517.6	16.3	48.8#