Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009824.D
Acq On : 23 May 2019 00:07
Operator : JC/SP
Sample : K2976-03 50X
Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:22:38 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	5.67	168	176553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121023	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
35) Dibromofluoromethane	5.50	113	87055	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
50) Toluene-d8	8.71	98	364945	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.86%			
62) 4-Bromofluorobenzene	11.13	95	138610	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.48%			
Target Compounds						Qvalue
10) Methyl Iodide	2.53	142	87	4.635	ug/l #	42
11) Tert butyl alcohol	3.04	59	177	0.317	ug/l #	65
13) Acrolein	2.29	56	255	0.505	ug/l	86
16) Acetone	2.44	43	505	0.390	ug/l #	33
28) Bromochloromethane	5.03	49	104	Below Cal	#	20
36) 1,1-Dichloropropene	5.67	75	13878	5.290	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16829	7.060	ug/l #	16
39) Methylcyclohexane	7.46	83	3396	1.054	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1431	0.374	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	5659	2.810	ug/l #	19
56) Ethyl methacrylate	9.16	69	1623	0.452	ug/l #	1
59) 2-Hexanone	9.44	43	28253	9.413	ug/l #	31
67) Ethyl Benzene	10.25	91	3704	0.385	ug/l	100
68) m/p-Xylenes	10.36	106	15270	4.338	ug/l	92
73) Isopropylbenzene	11.02	105	87422	9.522	ug/l	99
74) N-amyl acetate	10.91	43	105898	19.784	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	54081	15.801	ug/l #	25
76) 1,2,3-Trichloropropane	11.45	75	3496	1.194	ug/l #	1
78) n-propylbenzene	11.36	91	266844	25.449	ug/l	99
79) 2-Chlorotoluene	11.45	91	43941	6.792	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	381691	49.373	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	68472	59.820	ug/l #	21
82) 4-Chlorotoluene	11.51	91	43107	5.898	ug/l #	48
83) tert-Butylbenzene	11.77	119	19060	2.534	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	1351306	174.145	ug/l	98
85) sec-Butylbenzene	11.94	105	152690	17.125	ug/l #	76
86) p-Isopropyltoluene	12.06	119	136180	16.990	ug/l	99
89) n-Butylbenzene	12.38	91	214317	29.583	ug/l #	52
90) Hexachloroethane	12.61	117	16335	11.962	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1536	2.001	ug/l #	3

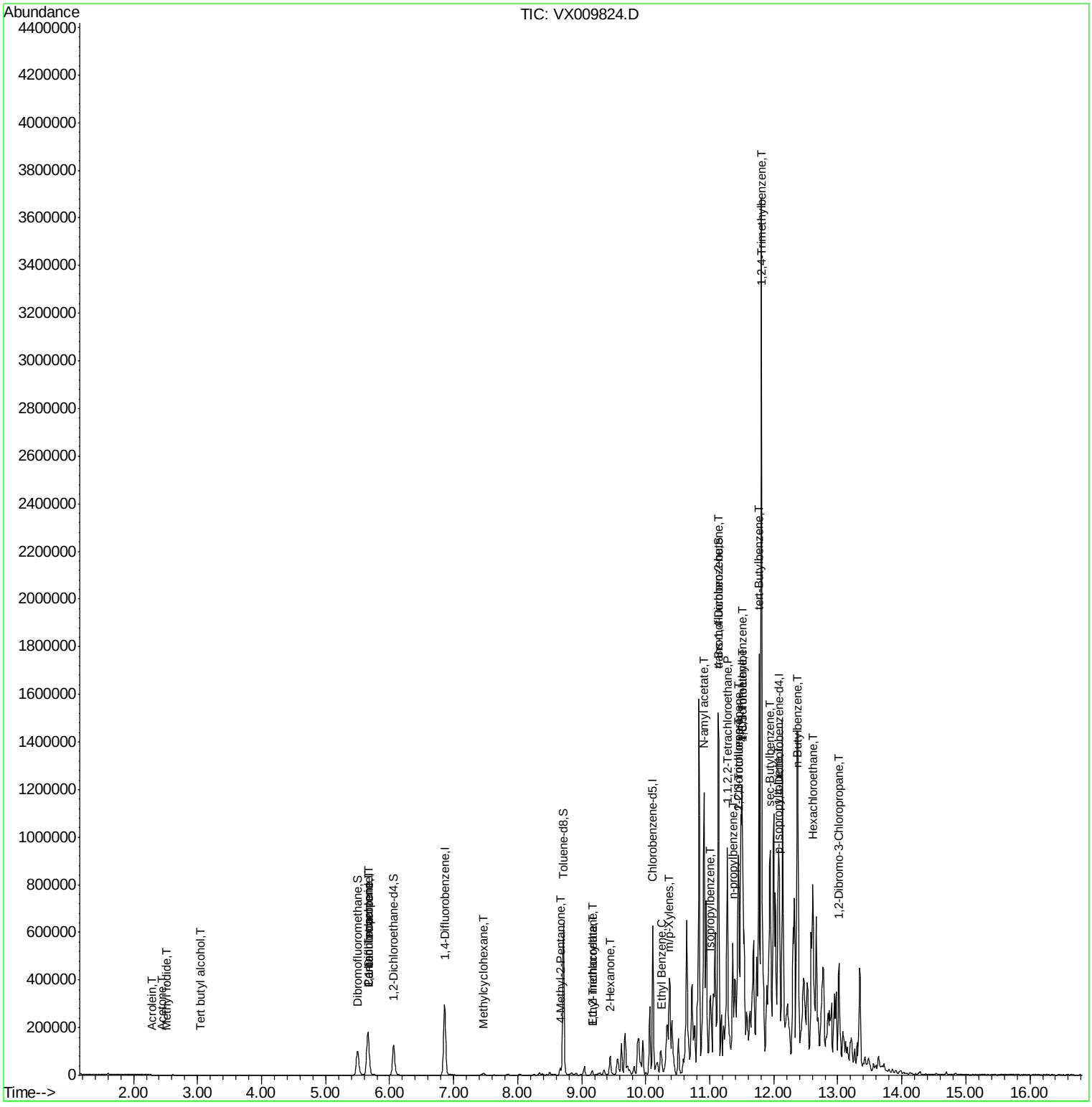
(#) = qualifier out of range (m) = manual integration (+) = signals summed

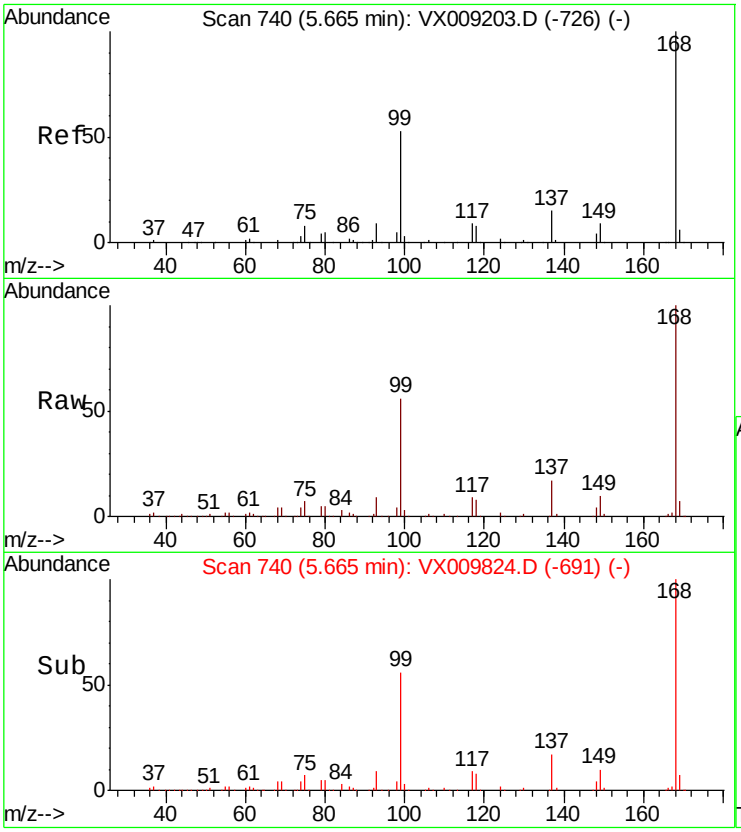
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009824.D
Acq On : 23 May 2019 00:07
Operator : JC/SP
Sample : K2976-03 50X
Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:22:38 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



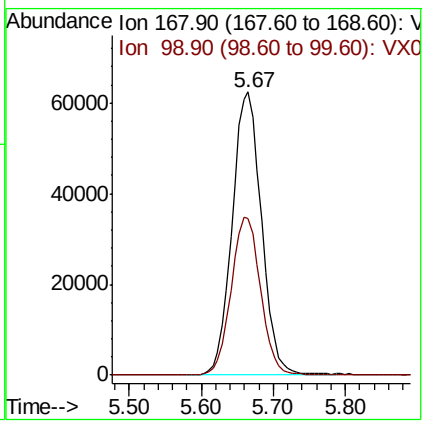


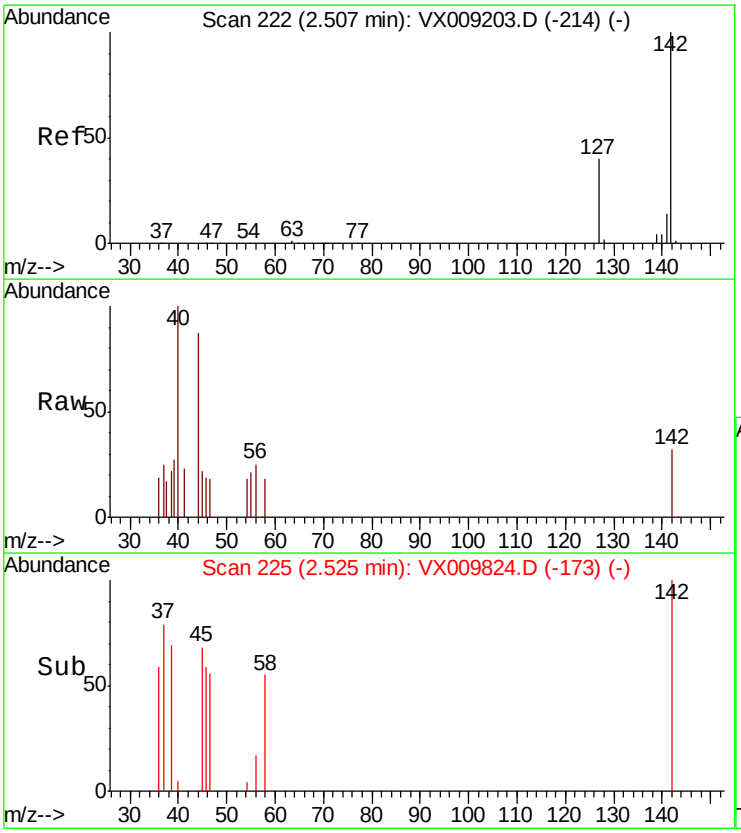
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 176553

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.3	63.5

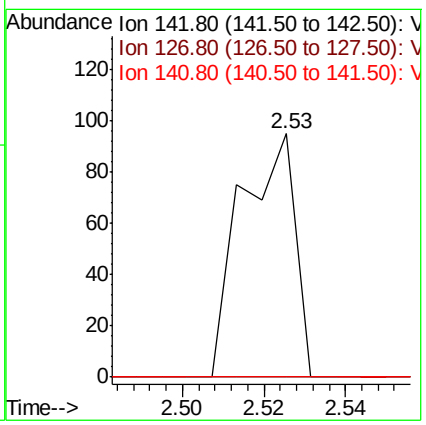


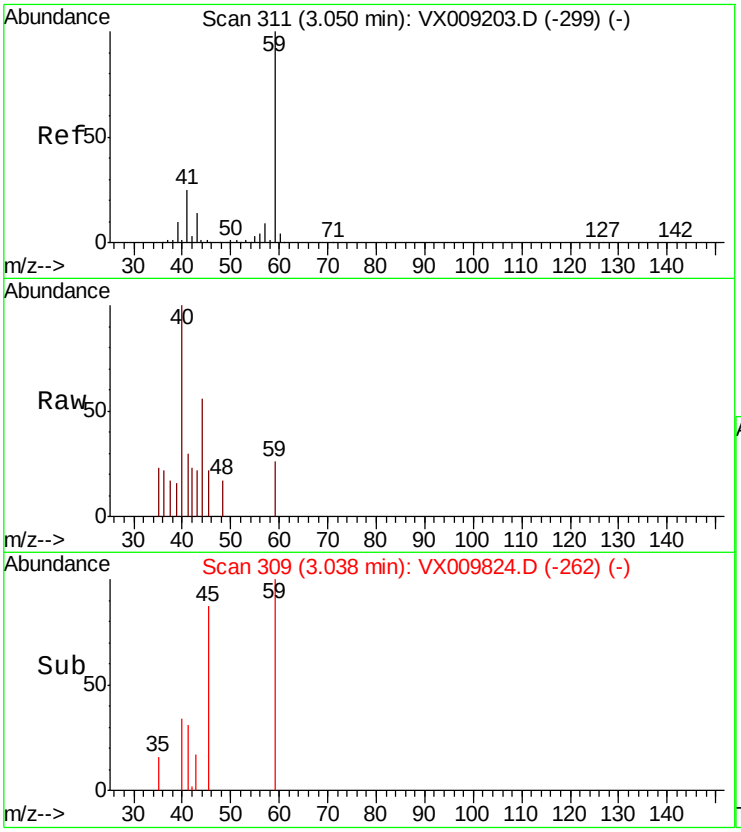


#10
Methyl Iodide
Concen: 4.635 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:142 Resp: 87

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



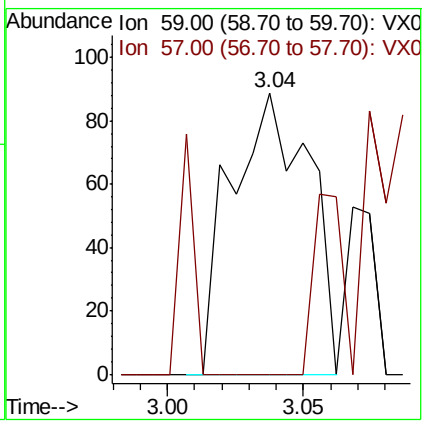


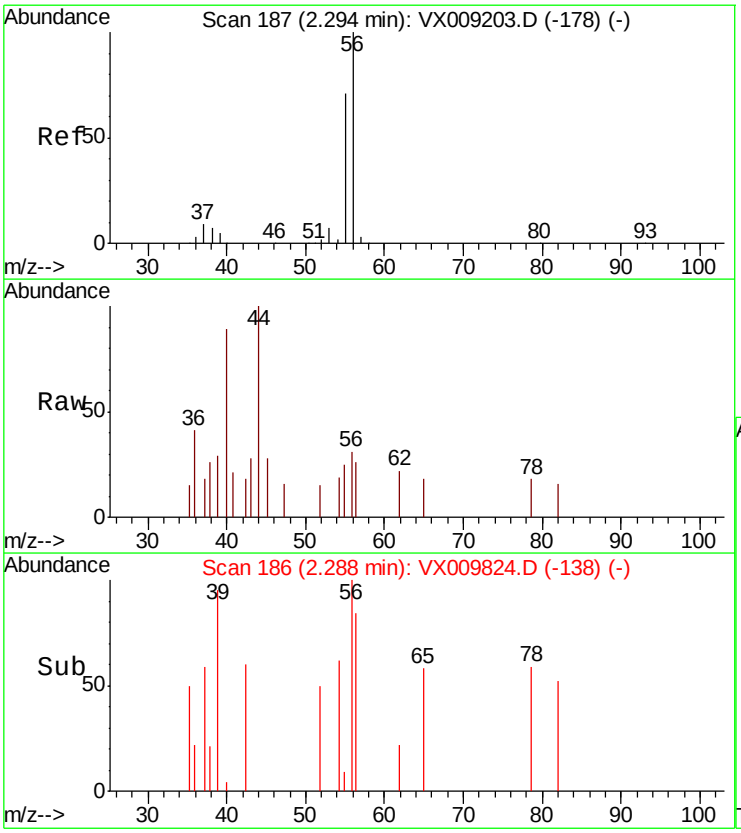
#11
Tert butyl alcohol
Concen: 0.317 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 177

Ion	Ratio	Lower	Upper
59	100		
57	23.2	8.2	12.2#

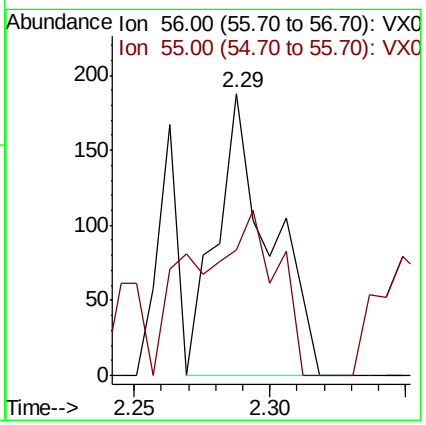


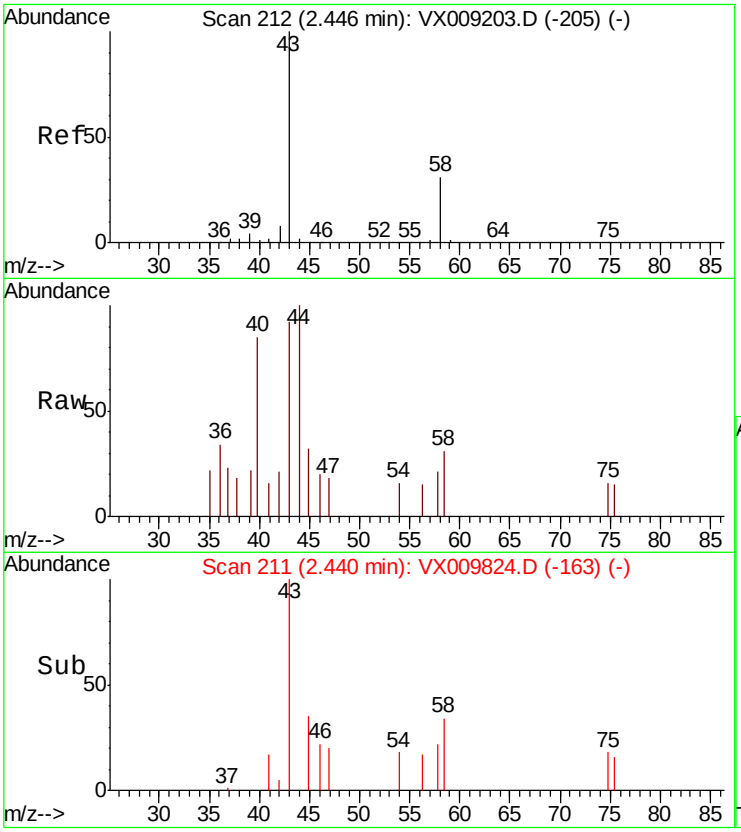


#13
Acrolein
Concen: 0.505 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 56 Resp: 255

Ion	Ratio	Lower	Upper
56	100		
55	59.2	56.6	85.0



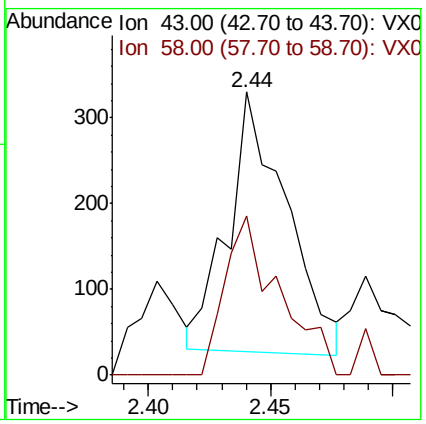


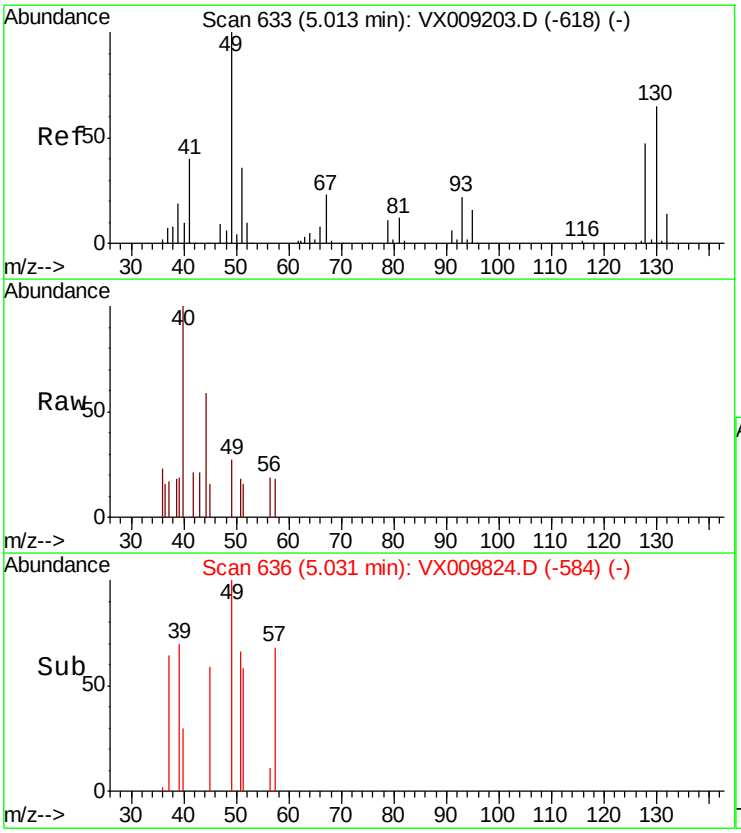
#16
Acetone
Concen: 0.390 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 505

Ion	Ratio	Lower	Upper
43	100		
58	67.9	24.9	37.3#

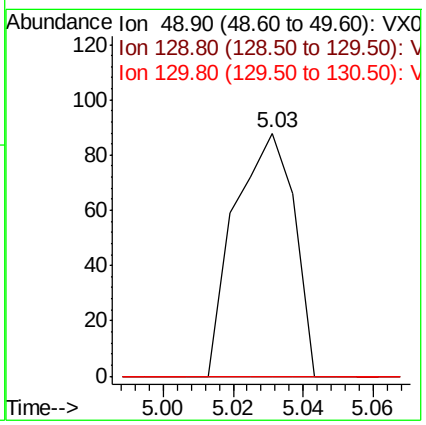


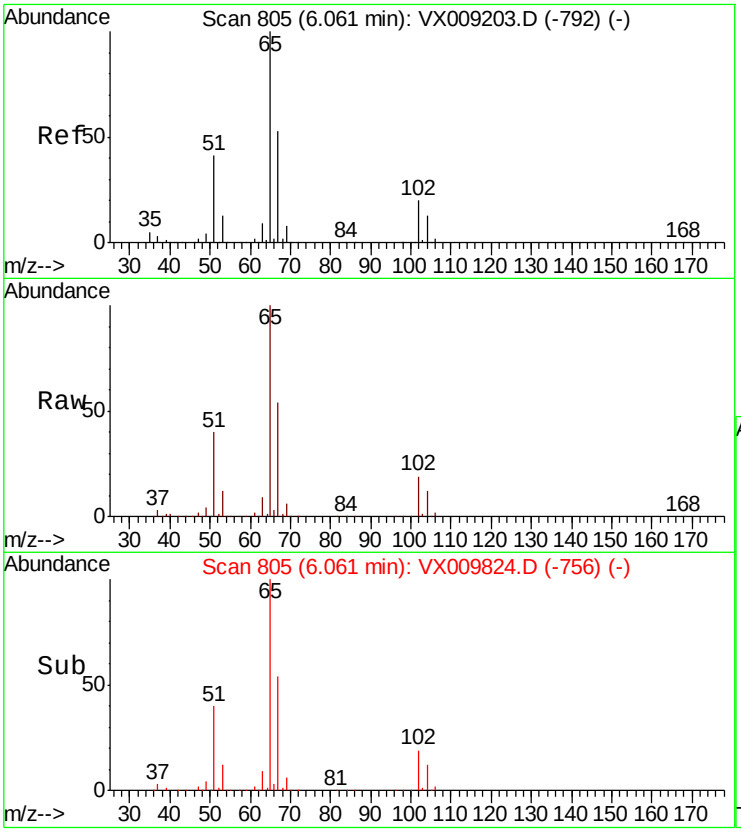


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.02 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 49 Resp: 104

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



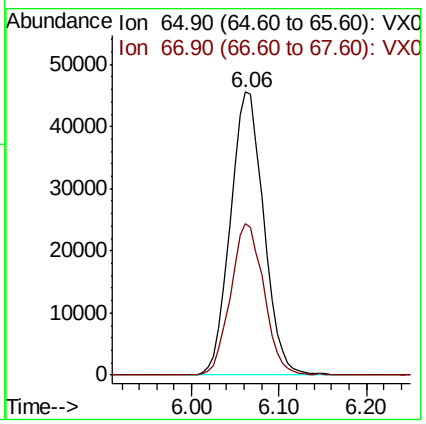


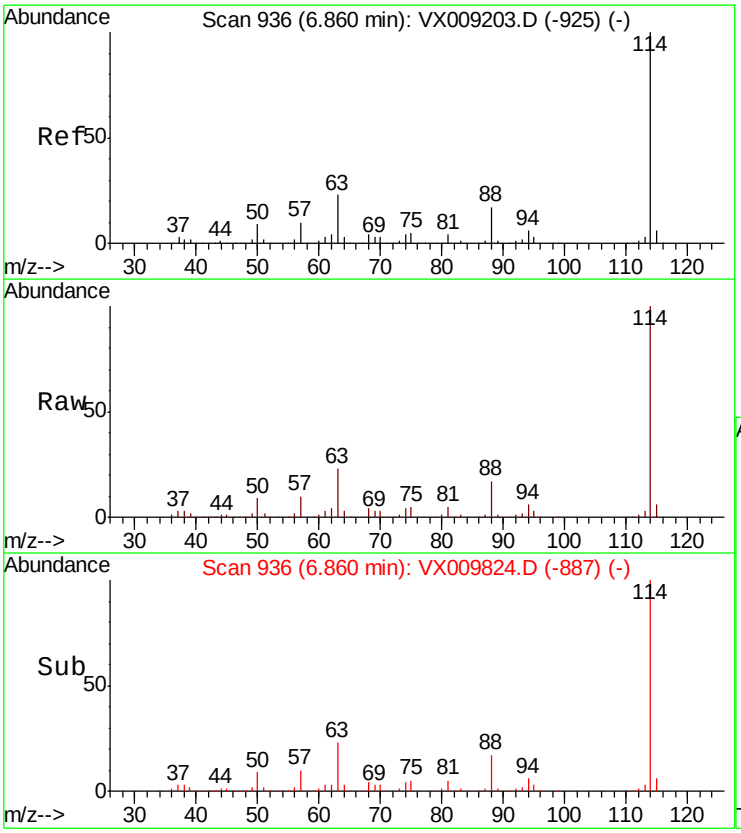
#33
1,2-Dichloroethane-d4
Concen: 50.214 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 121023

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

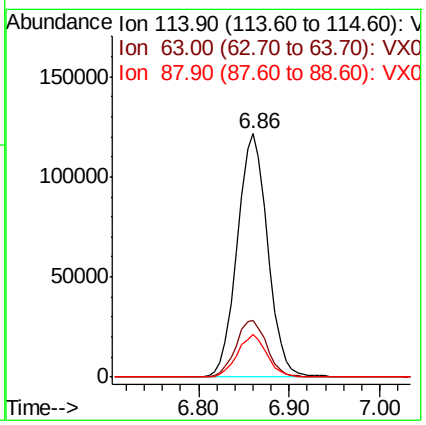


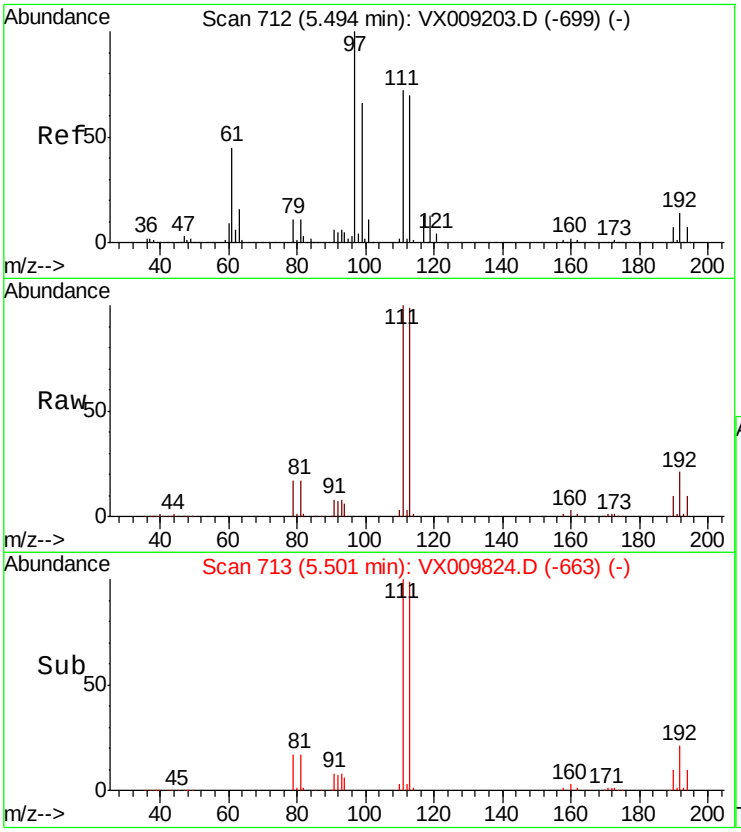


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:114 Resp: 282322

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.6
88	17.4	0.0	33.2



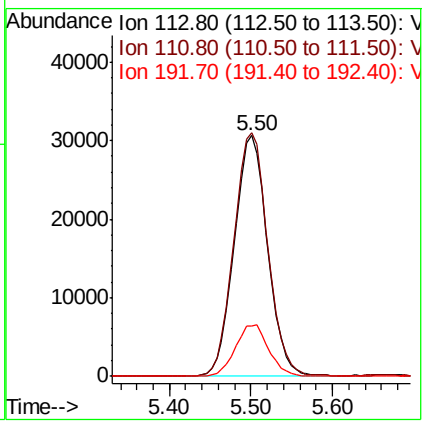


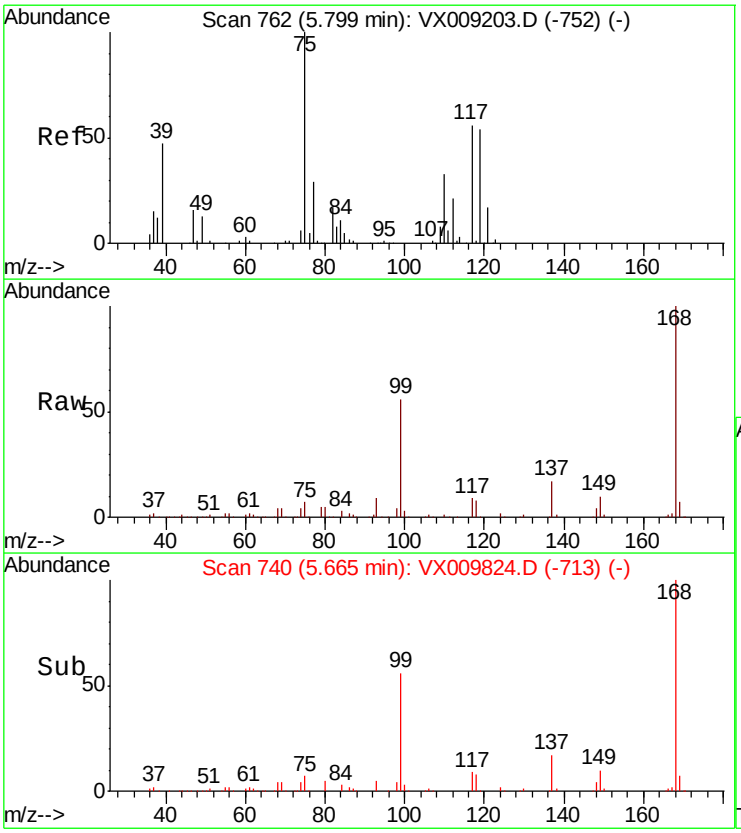
#35
Dibromofluoromethane
Concen: 49.051 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 87055

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	21.4	17.0	25.6

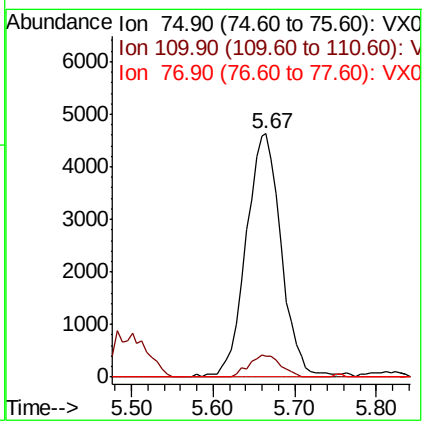


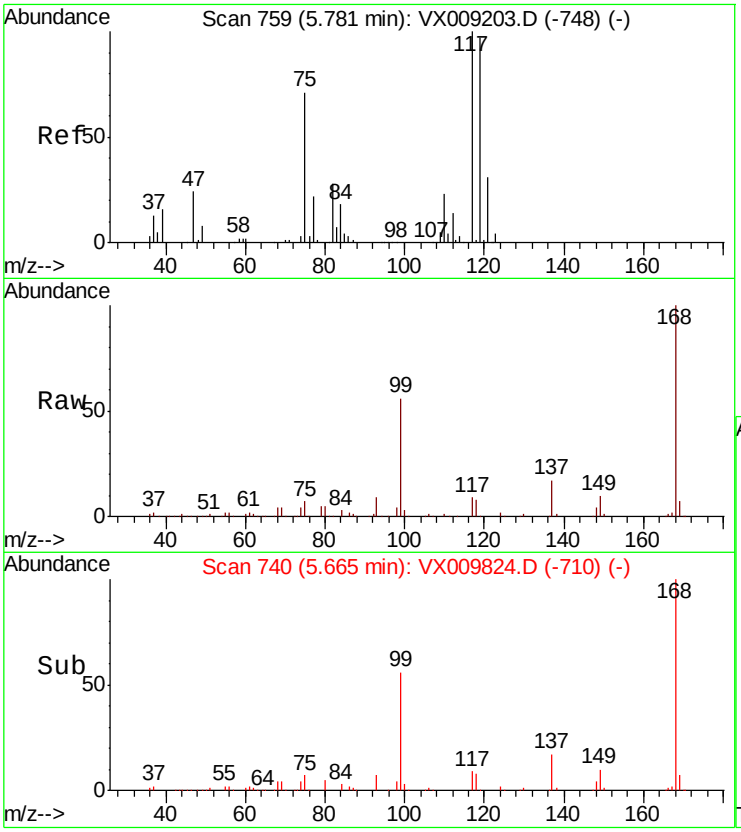


#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 75 Resp: 13878

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.9	50.6#
77	0.0	24.8	37.2#



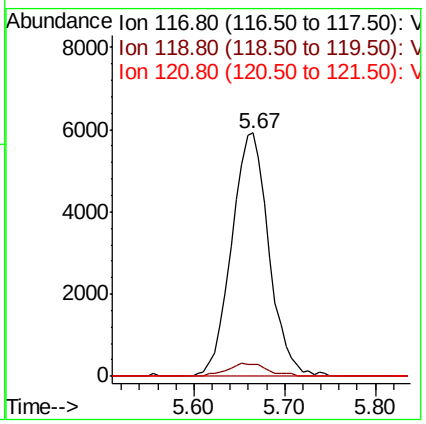


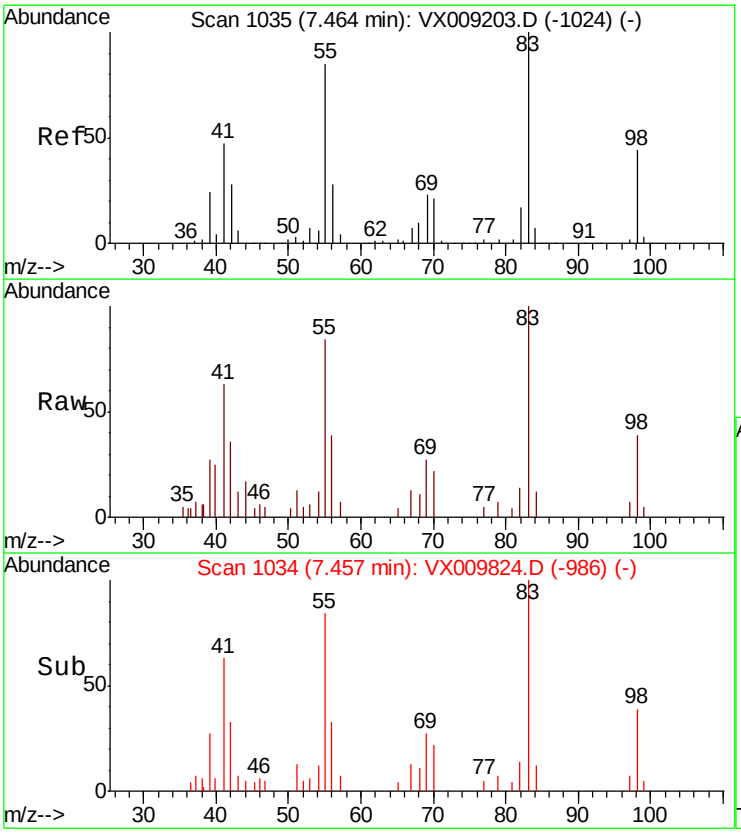
#38
Carbon Tetrachloride
Concen: 7.060 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16829

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.5	116.3#
121	0.0	24.7	37.1#

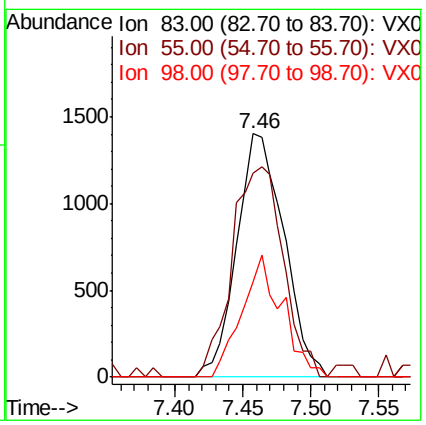


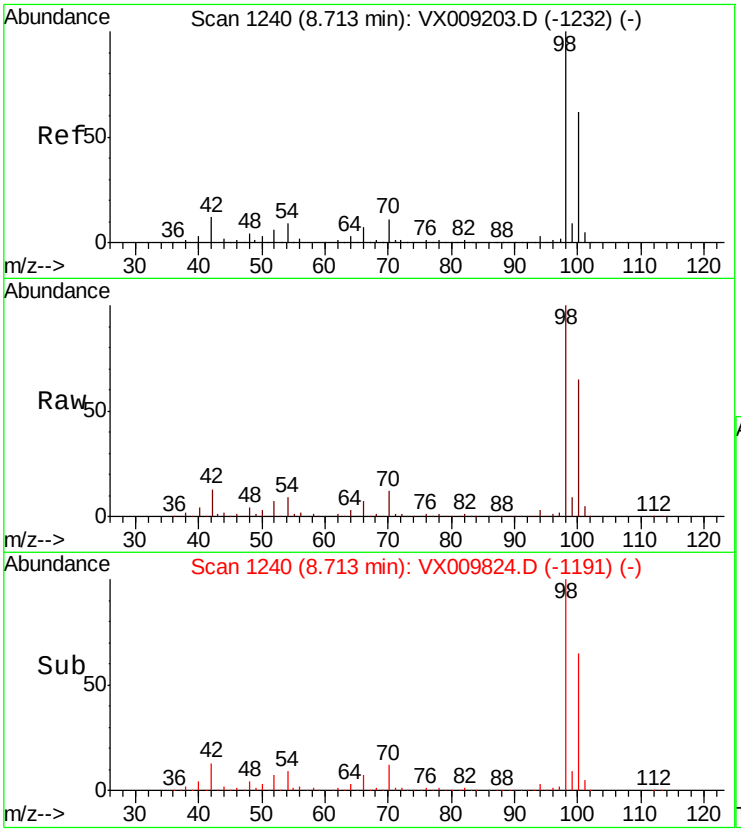


#39
Methylcyclohexane
Concen: 1.054 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 83 Resp: 3396

Ion	Ratio	Lower	Upper
83	100		
55	83.5	67.7	101.5
98	39.1	35.5	53.3



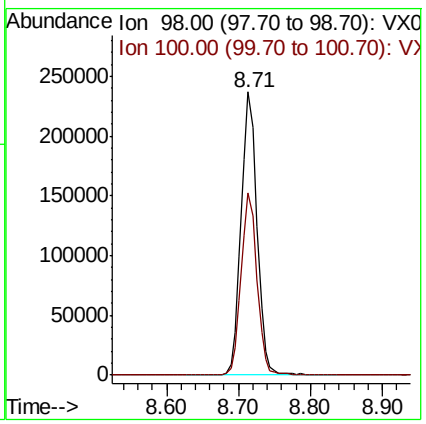


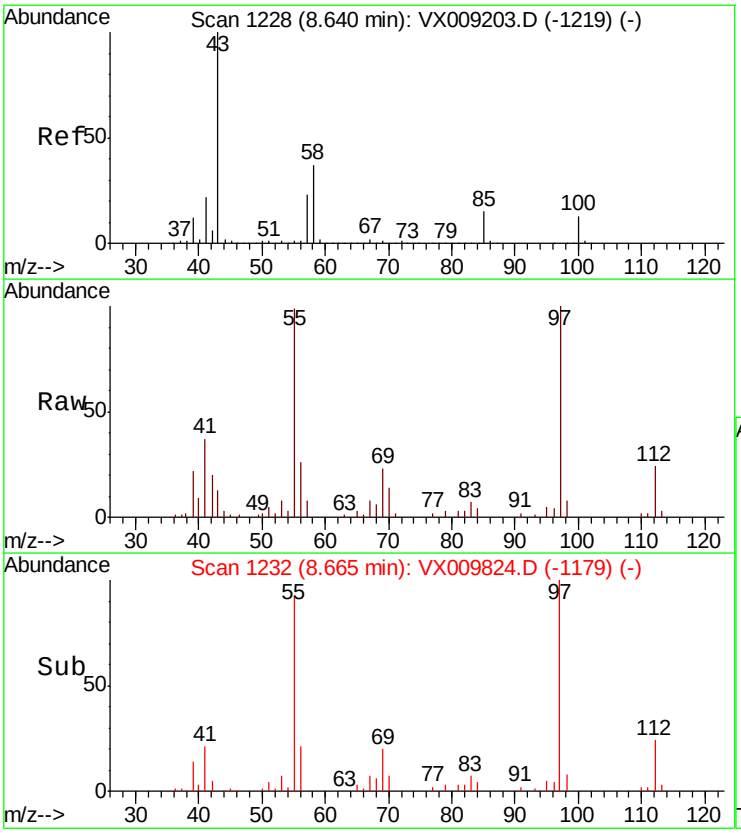
#50
Toluene-d8
Concen: 50.933 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 364945

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

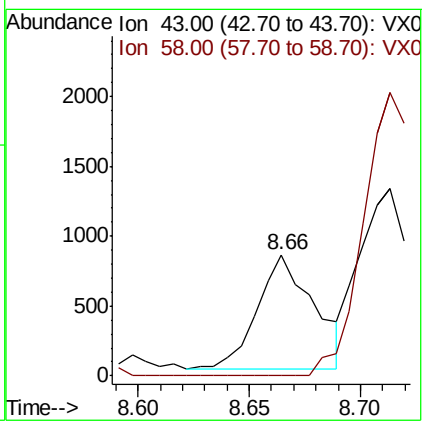


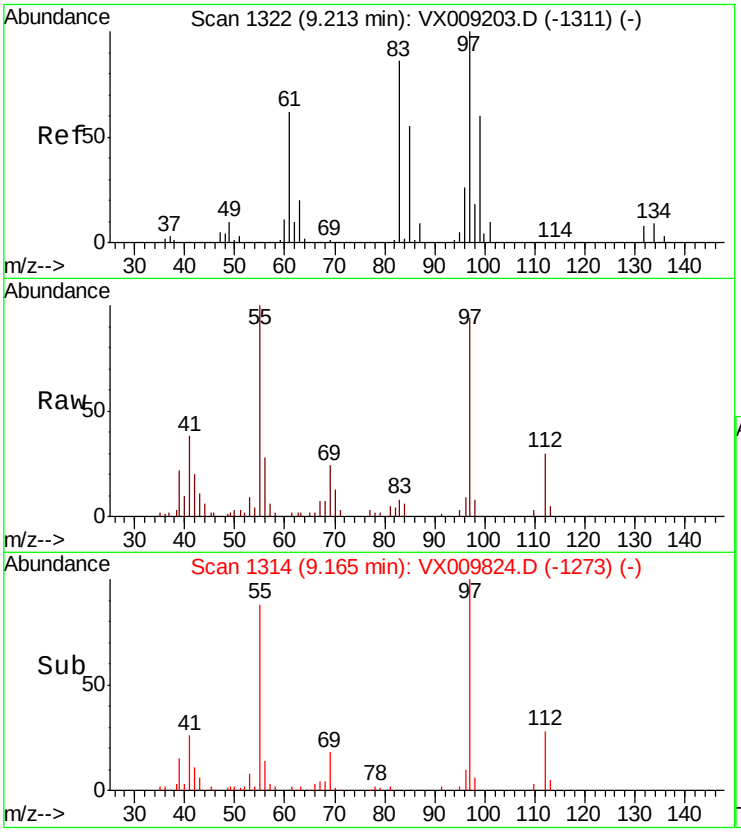


#51
4-Methyl-2-Pentanone
Concen: 0.374 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 43 Resp: 1431

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.5	44.3#



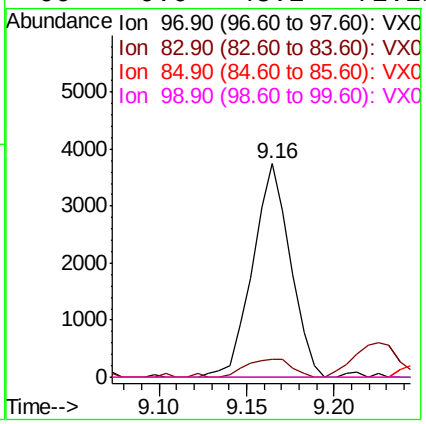


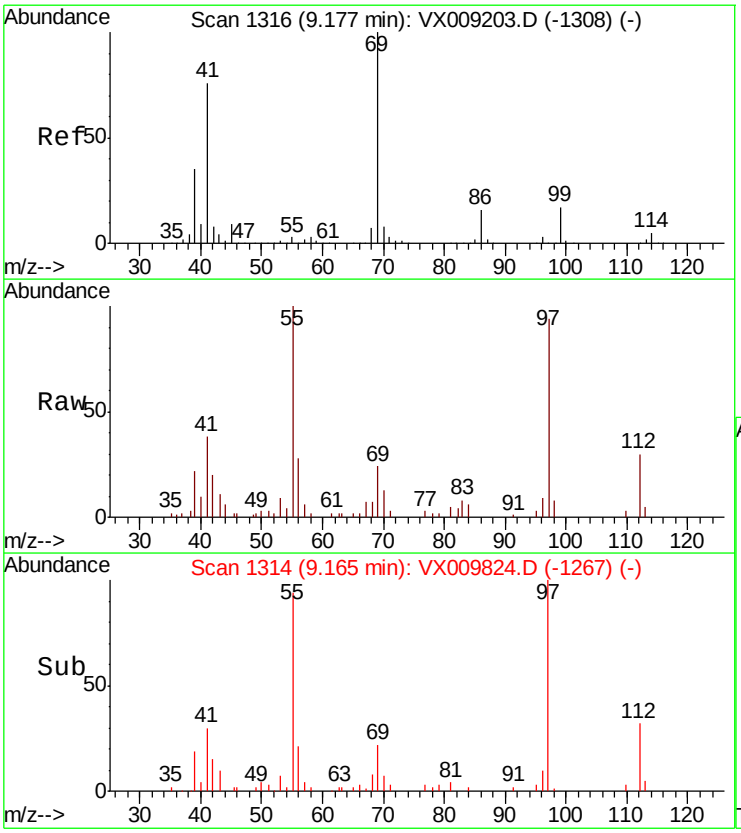
#55
1,1,2-Trichloroethane
Concen: 2.810 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 5659

Ion	Ratio	Lower	Upper
97	100		
83	8.5	68.9	103.3#
85	0.0	43.8	65.6#
99	0.0	48.2	72.2#

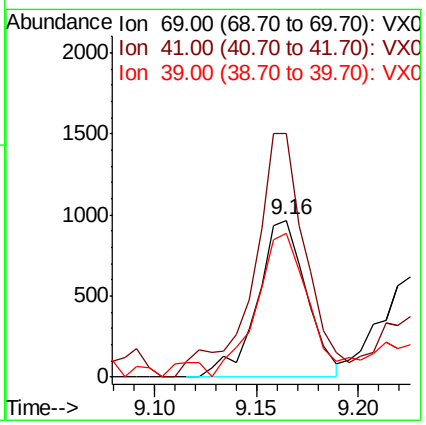


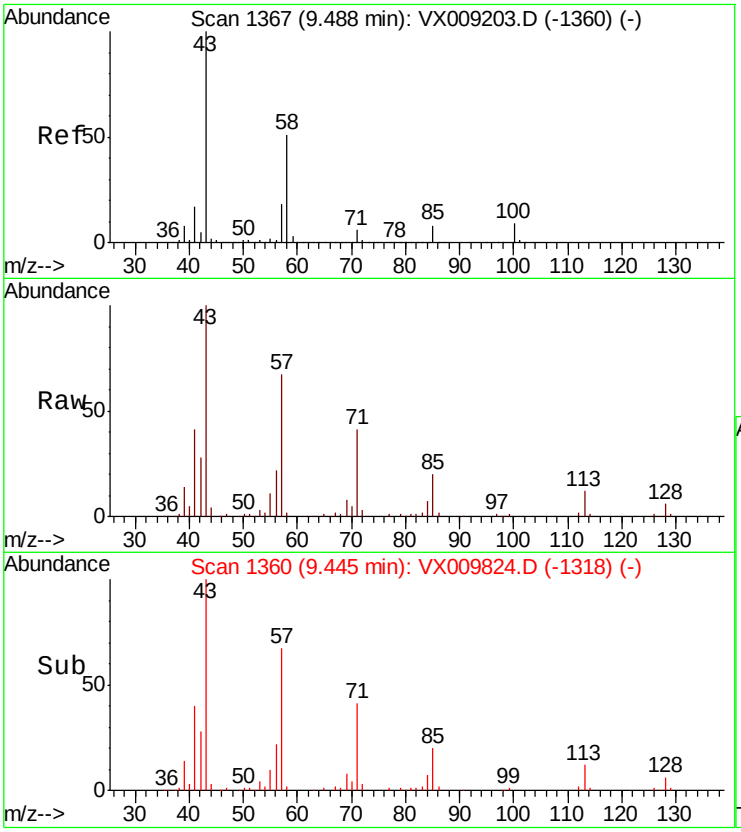


#56
Ethyl methacrylate
Concen: 0.452 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 69 Resp: 1623

Ion	Ratio	Lower	Upper
69	100		
41	165.6	60.6	90.8#
39	100.2	28.2	42.4#



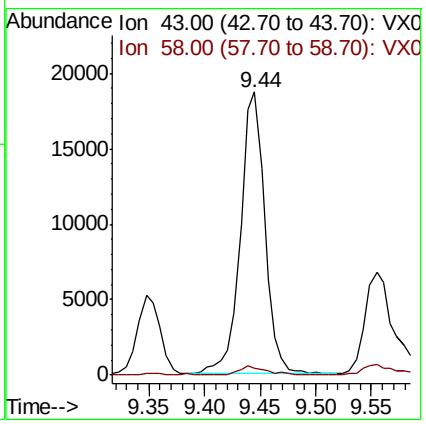


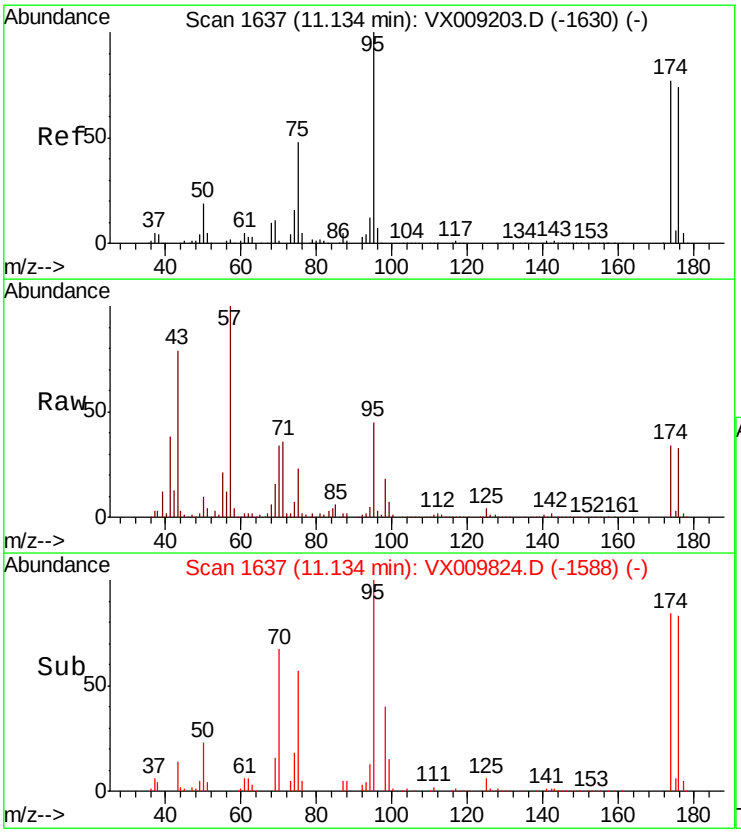
#59
2-Hexanone
Concen: 9.413 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 28253

Ion	Ratio	Lower	Upper
43	100		
58	3.5	25.9	77.7#

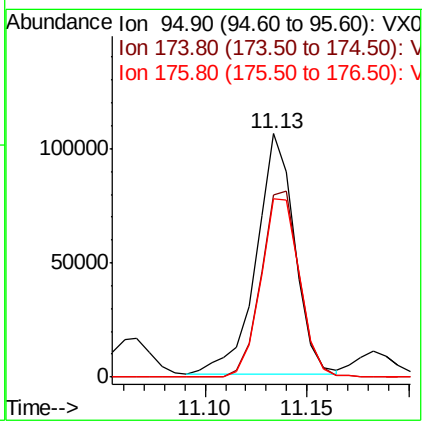


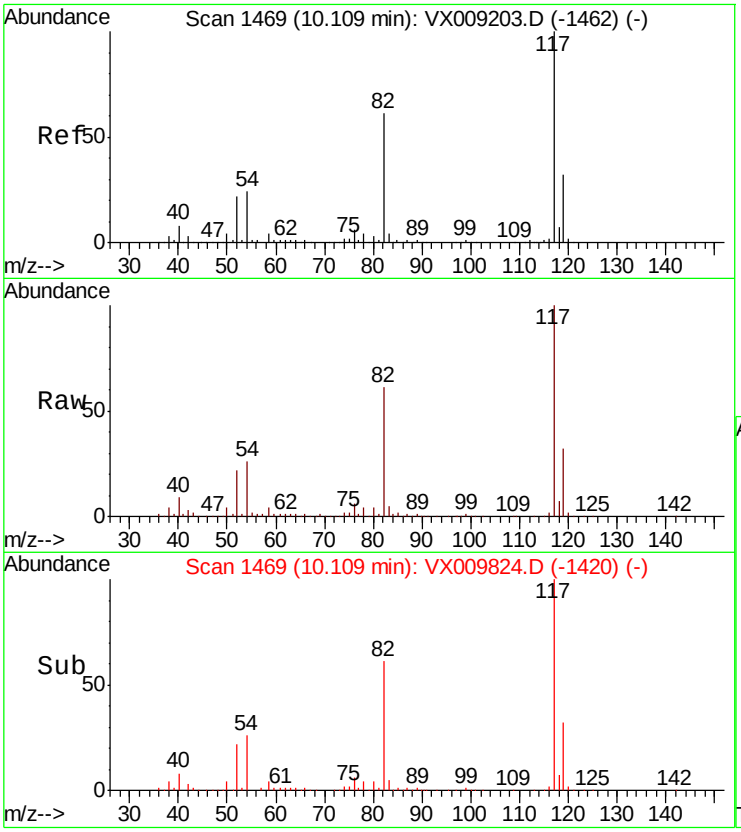


#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 95 Resp: 138610

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	161.6
176	75.1	0.0	159.2



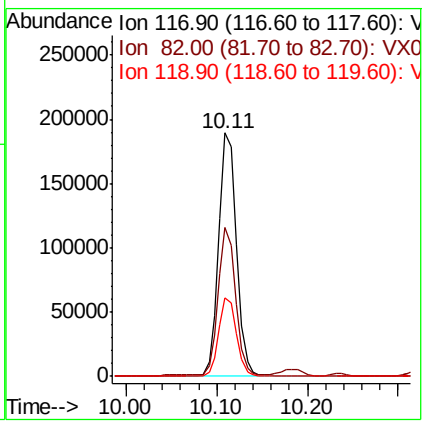


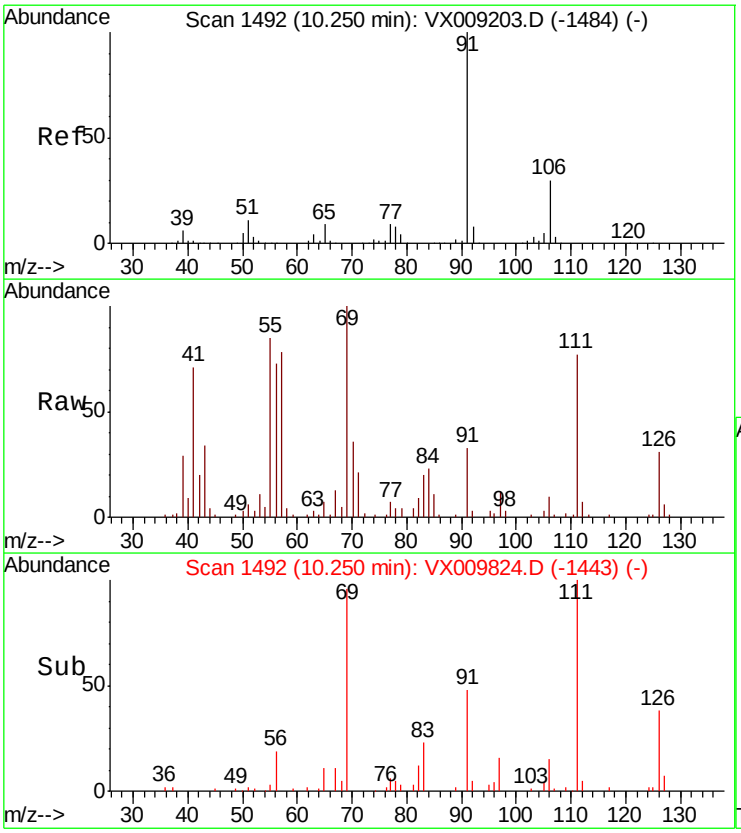
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 261632

Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.8	73.2
119	32.1	25.8	38.6

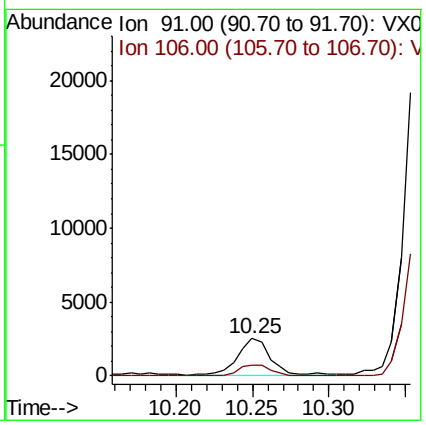


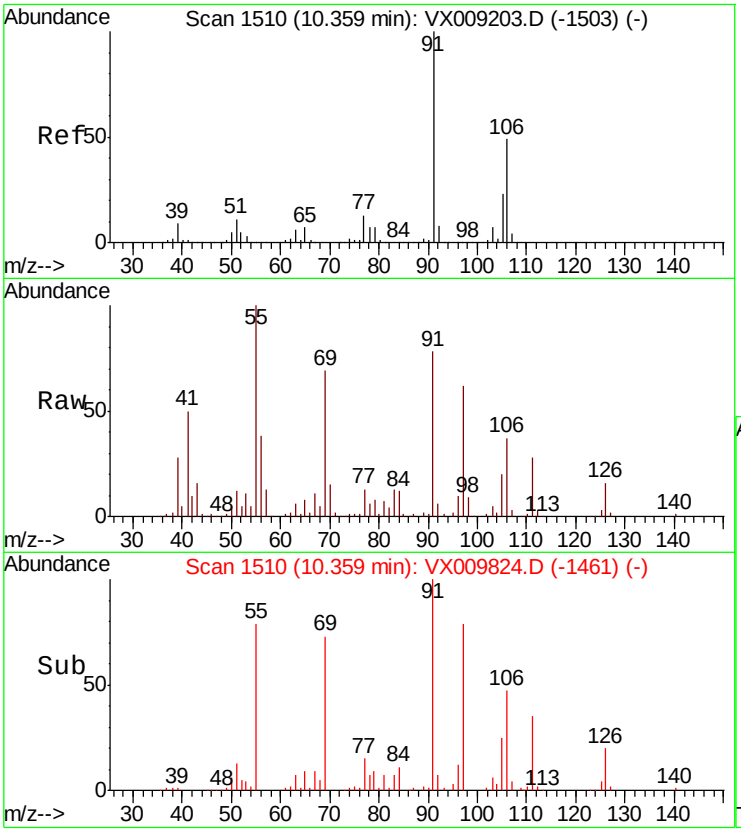


#67
Ethyl Benzene
Concen: 0.385 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 91 Resp: 3704

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.0	36.0



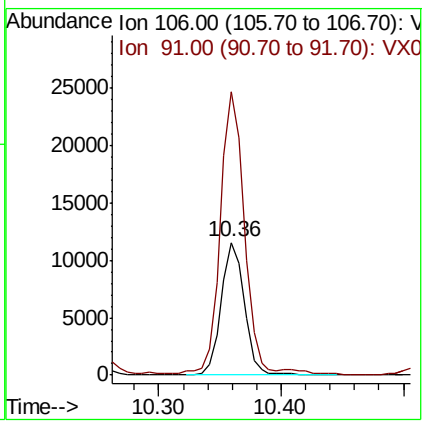


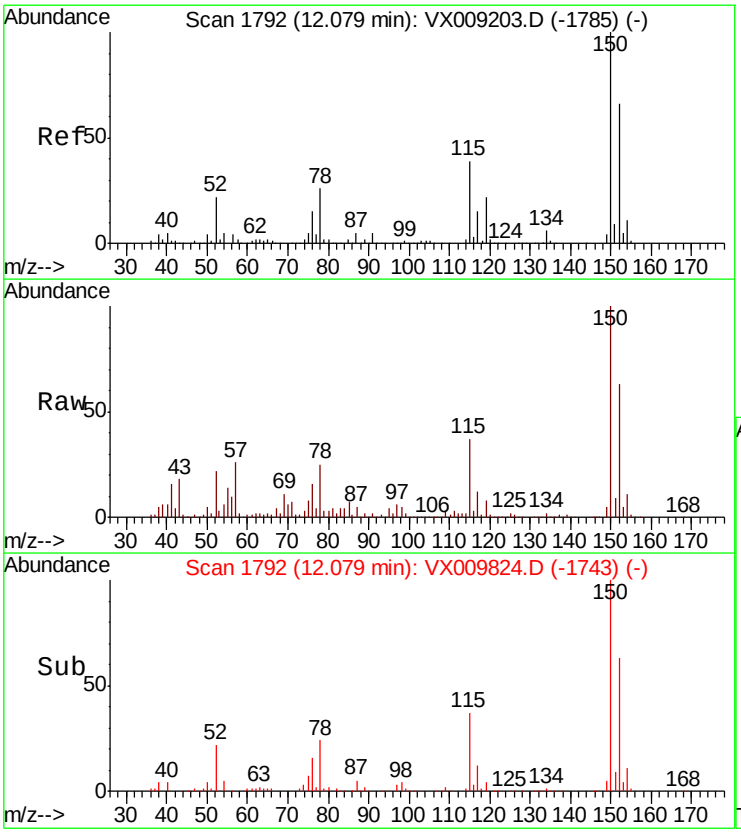
#68
m/p-Xylenes
Concen: 4.338 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 15270

Ion	Ratio	Lower	Upper
106	100		
91	216.6	164.0	246.0

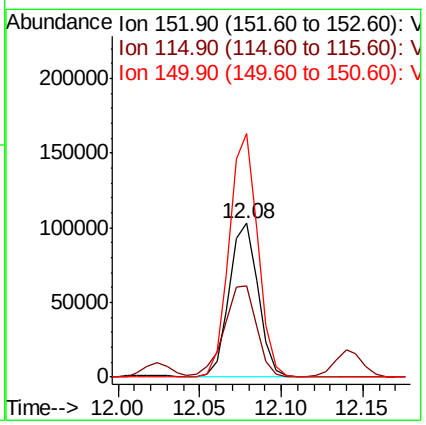


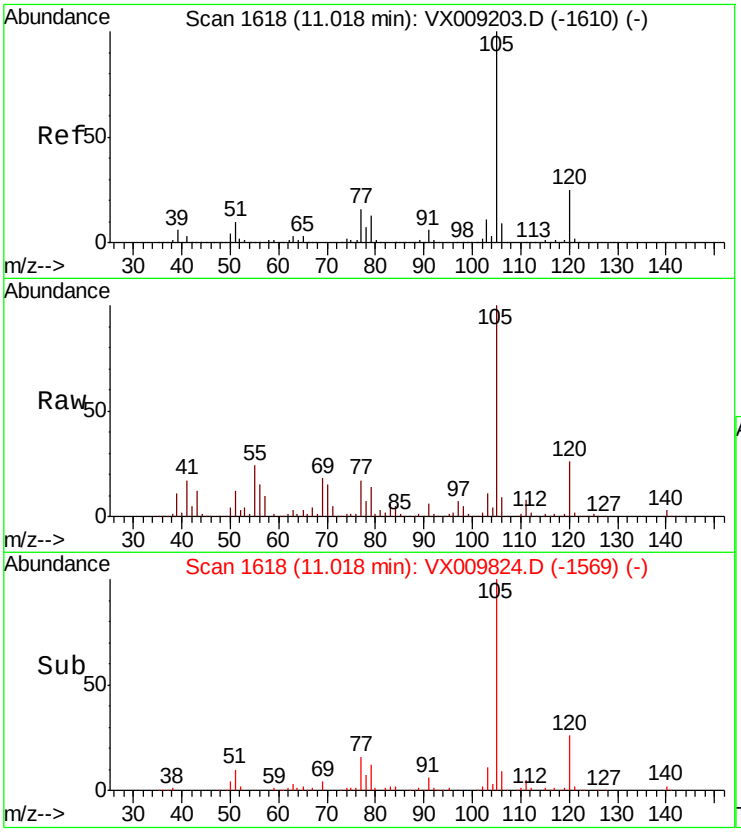


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:152 Resp: 126258

Ion	Ratio	Lower	Upper
152	100		
115	66.3	41.2	123.6
150	156.4	0.0	346.4



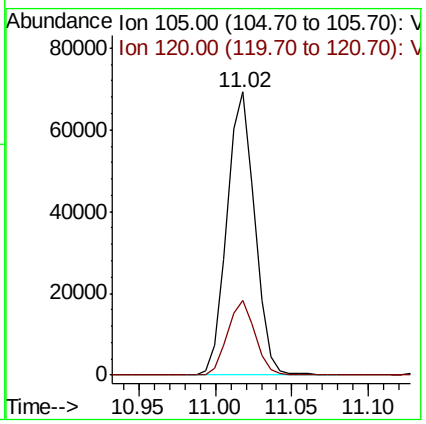


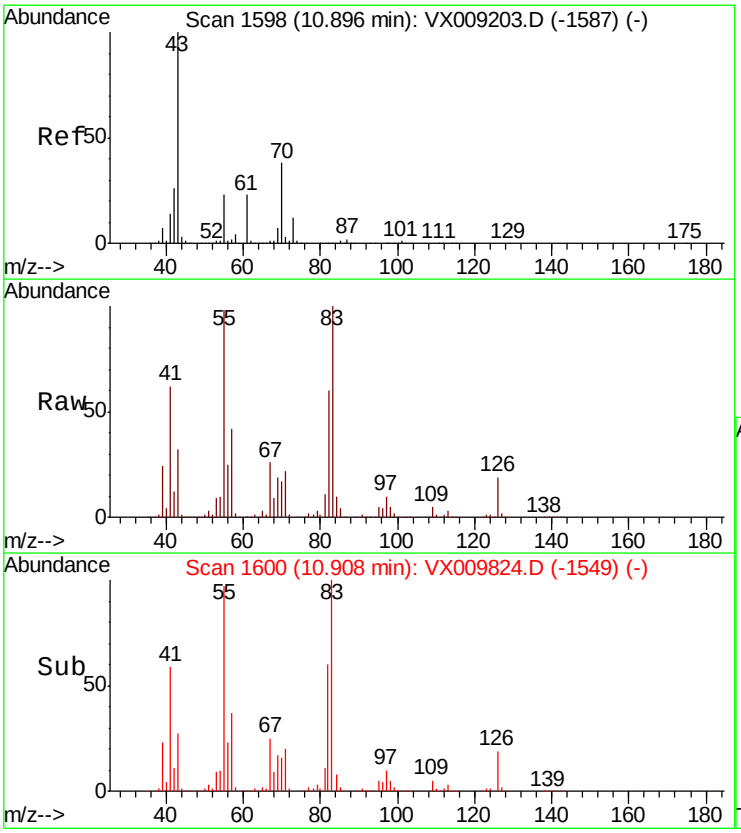
#73
Isopropylbenzene
Concen: 9.522 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 87422

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.3

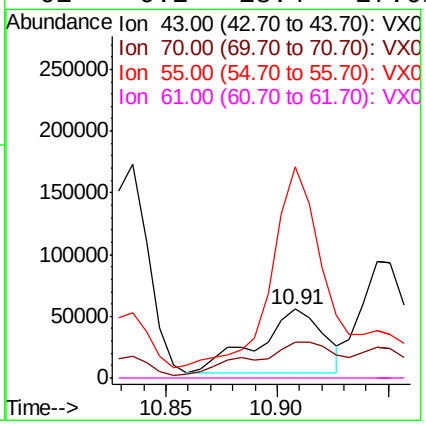


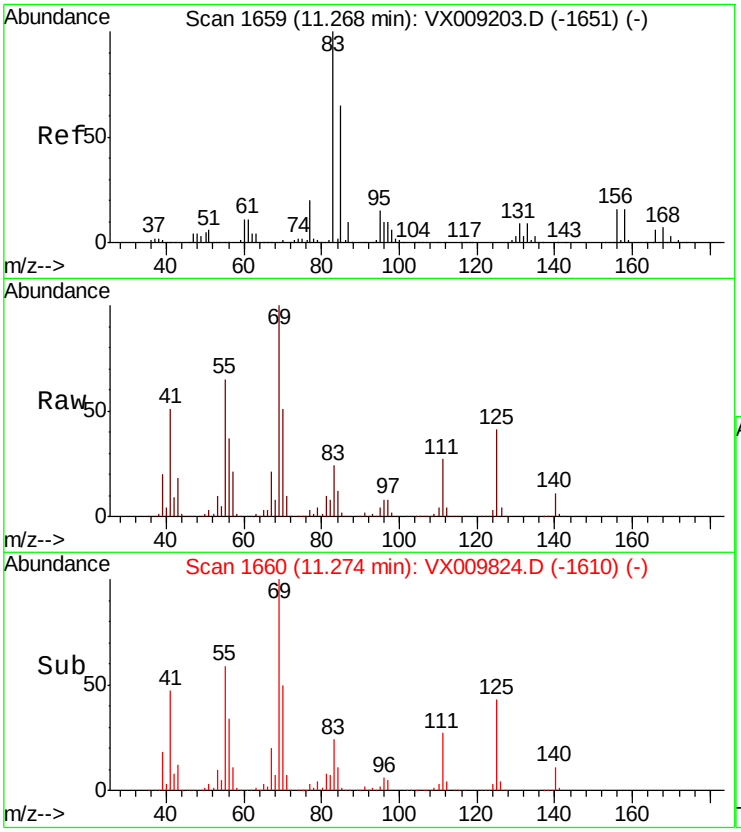


#74
N-amyl acetate
Concen: 19.784 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 43 Resp: 105898

Ion	Ratio	Lower	Upper
43	100		
70	69.8	30.0	45.0#
55	281.1	17.9	26.9#
61	0.2	18.4	27.6#



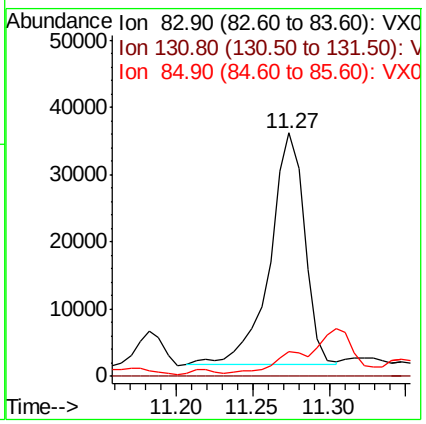


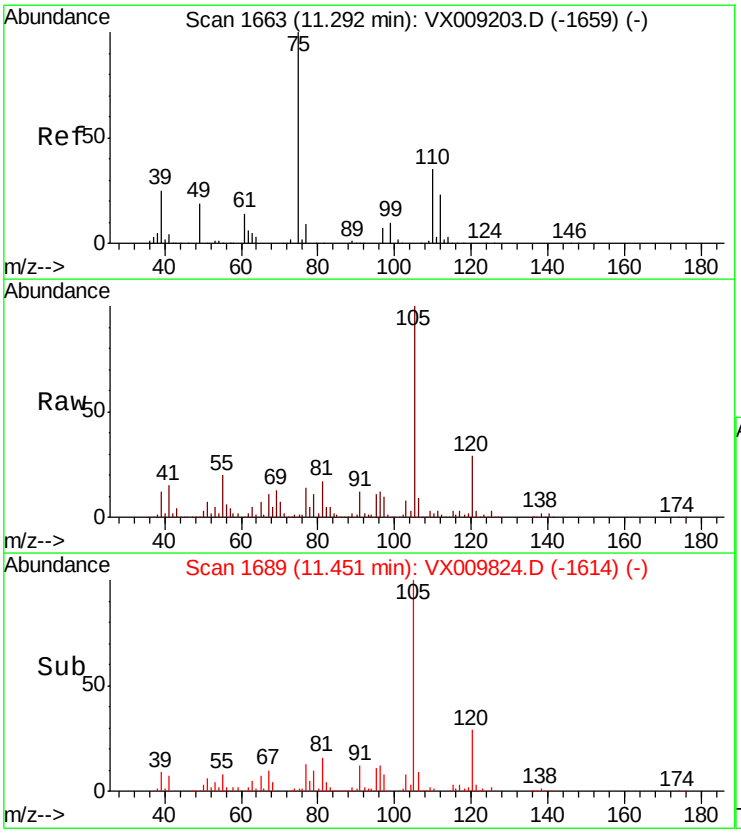
#75
1,1,2,2-Tetrachloroethane
Concen: 15.801 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 54081

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.0	96.2#

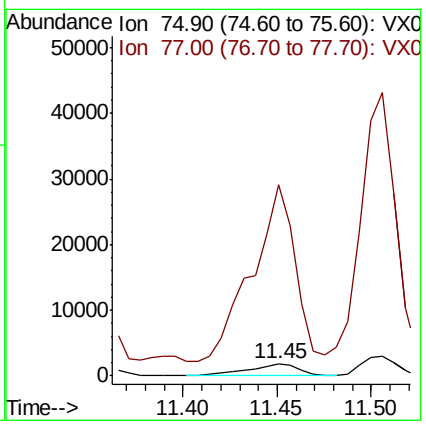


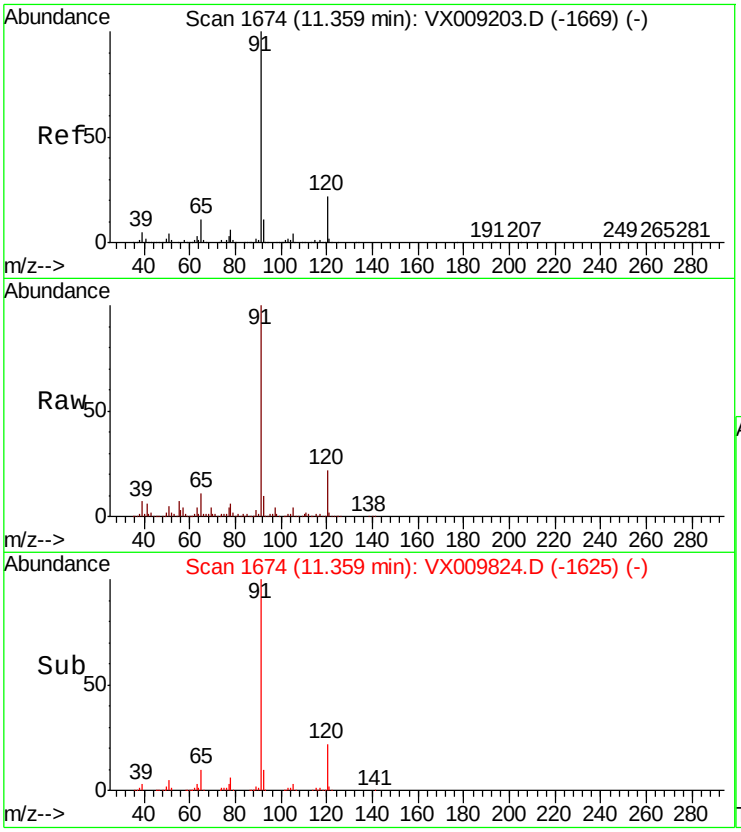


#76
1,2,3-Trichloropropane
Concen: 1.194 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. 0.16 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 75 Resp: 3496

Ion	Ratio	Lower	Upper
75	100		
77	1385.4	22.1	66.1#



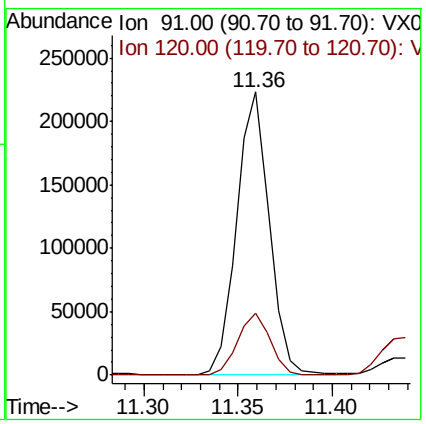


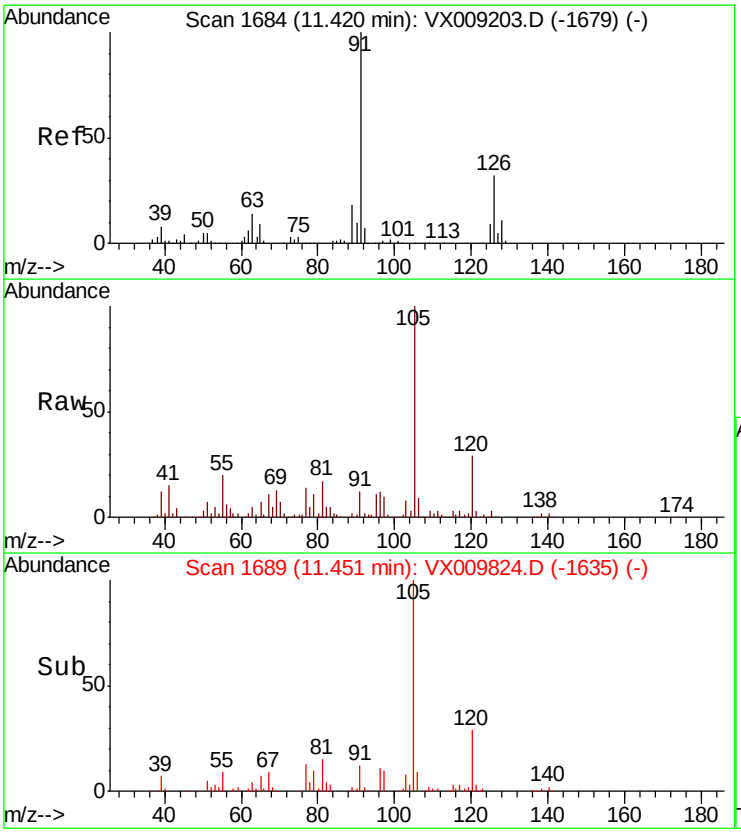
#78
n-propylbenzene
Concen: 25.449 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 266844

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0

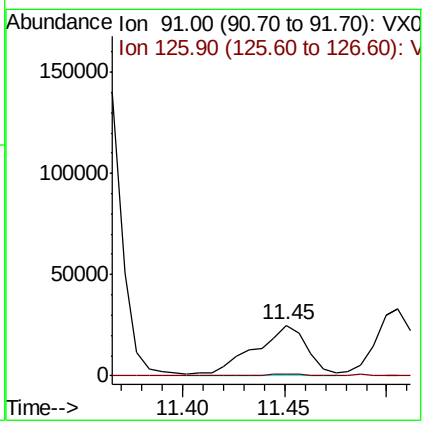


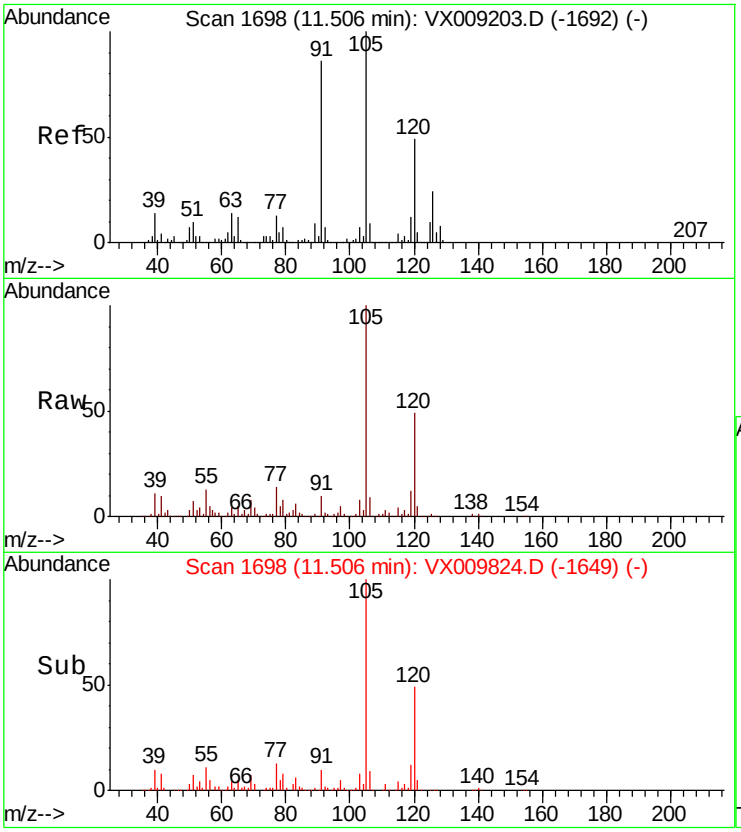


#79
2-Chlorotoluene
Concen: 6.792 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 91 Resp: 43941

Ion	Ratio	Lower	Upper
91	100		
126	2.4	16.3	48.9#



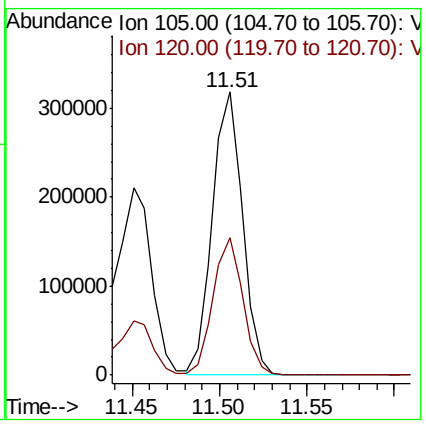


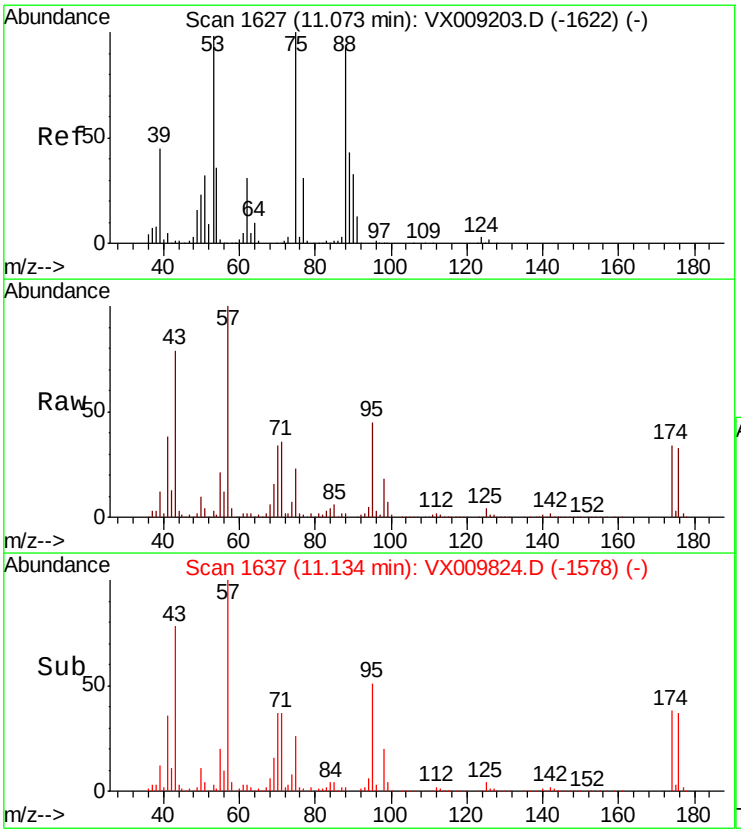
#80
1,3,5-Trimethylbenzene
Concen: 49.373 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 381691

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	72.9

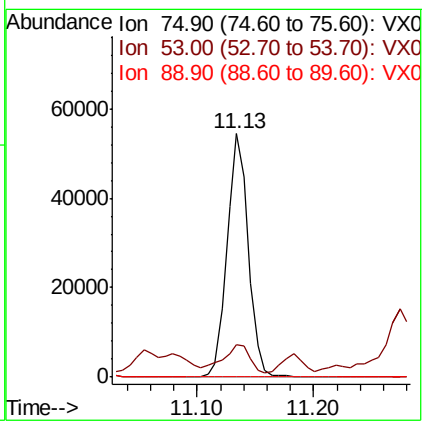


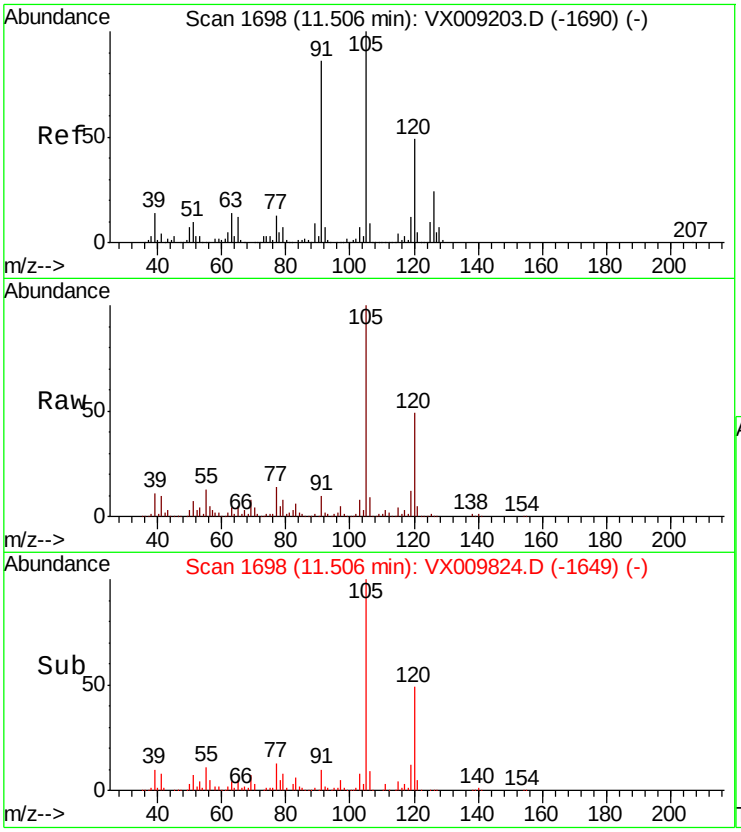


#81
trans-1,4-Dichloro-2-butene
Concen: 59.820 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 75 Resp: 68472

Ion	Ratio	Lower	Upper
75	100		
53	15.0	79.0	118.6#
89	0.0	34.7	52.1#



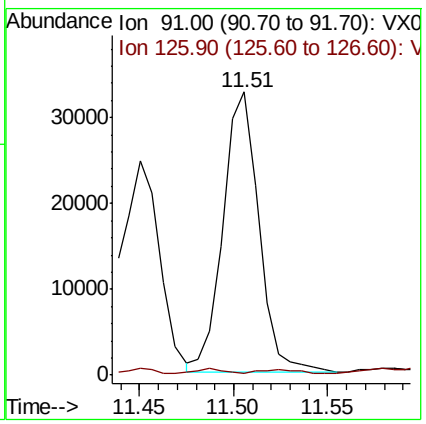


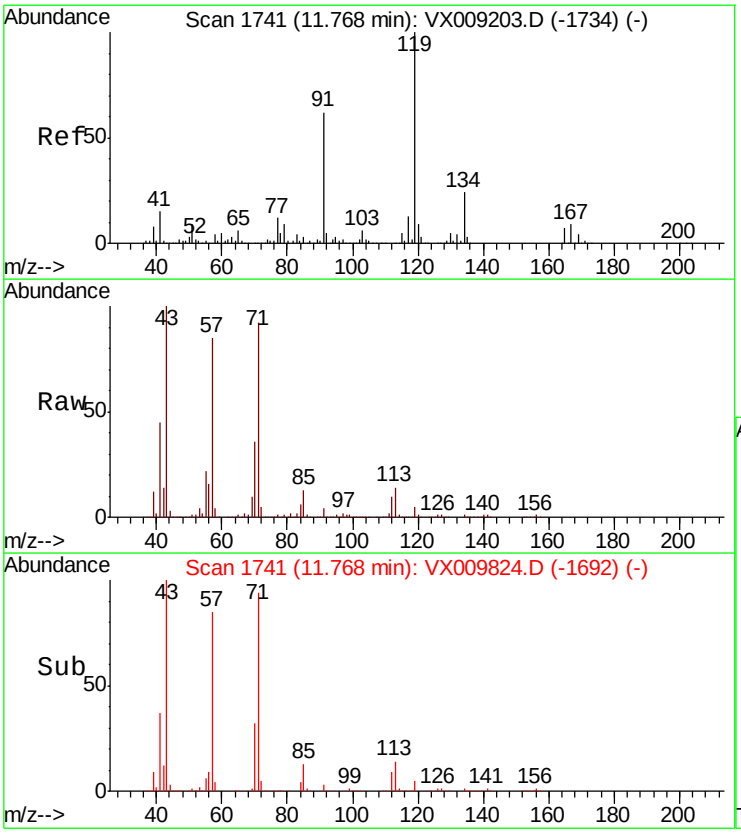
#82
4-Chlorotoluene
Concen: 5.898 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 43107

Ion	Ratio	Lower	Upper
91	100		
126	1.2	14.5	43.6#

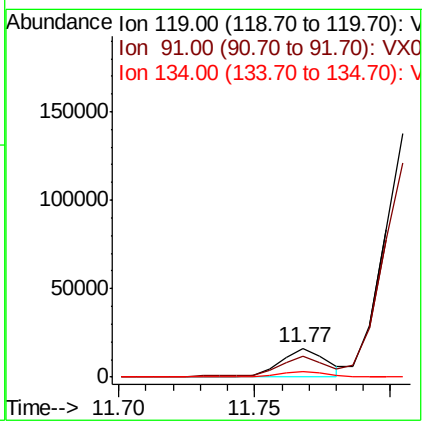


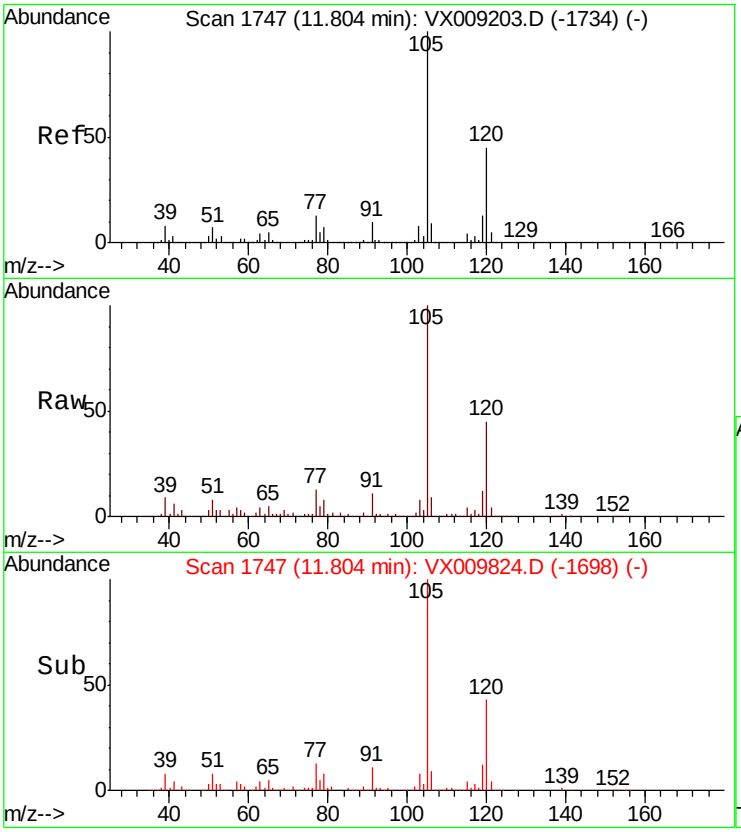


#83
tert-Butylbenzene
Concen: 2.534 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:119 Resp: 19060

Ion	Ratio	Lower	Upper
119	100		
91	71.7	29.5	88.5
134	23.3	11.4	34.1



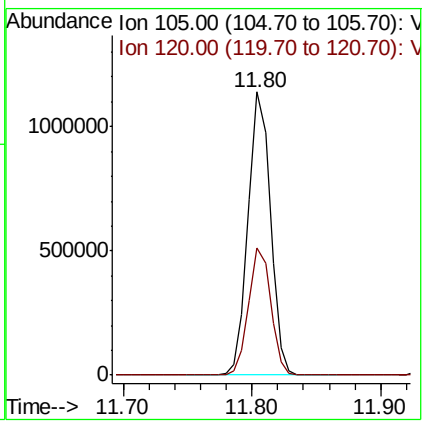


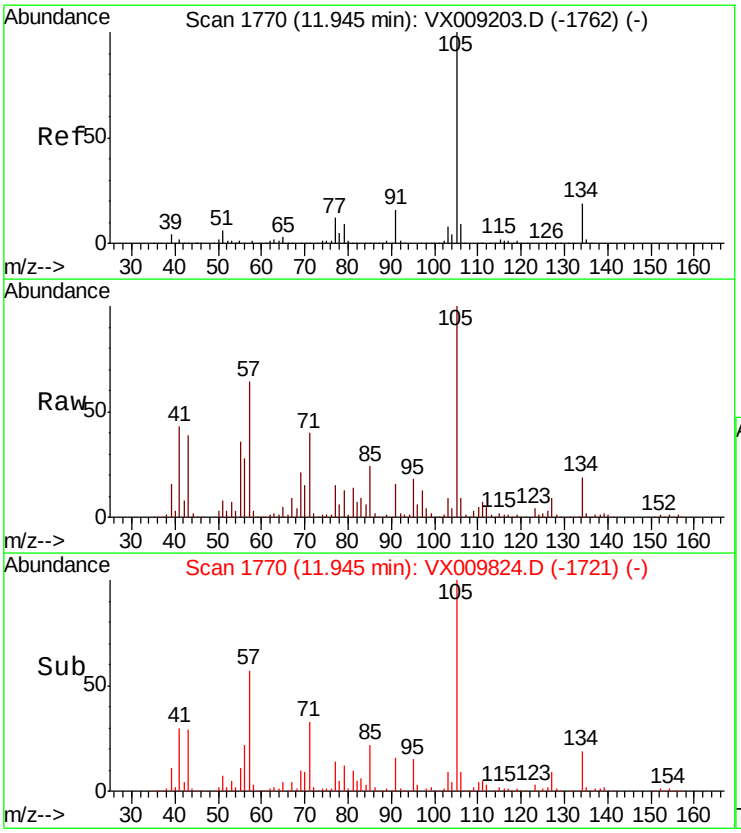
#84
1,2,4-Trimethylbenzene
Concen: 174.145 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1351306

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.0	66.0

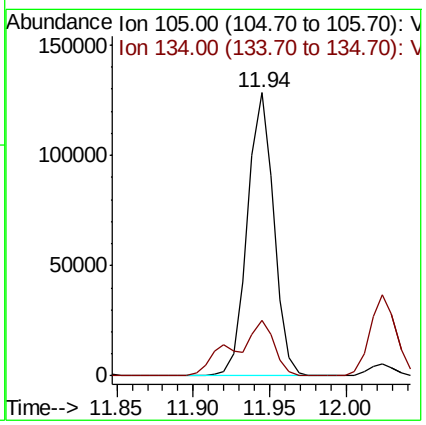


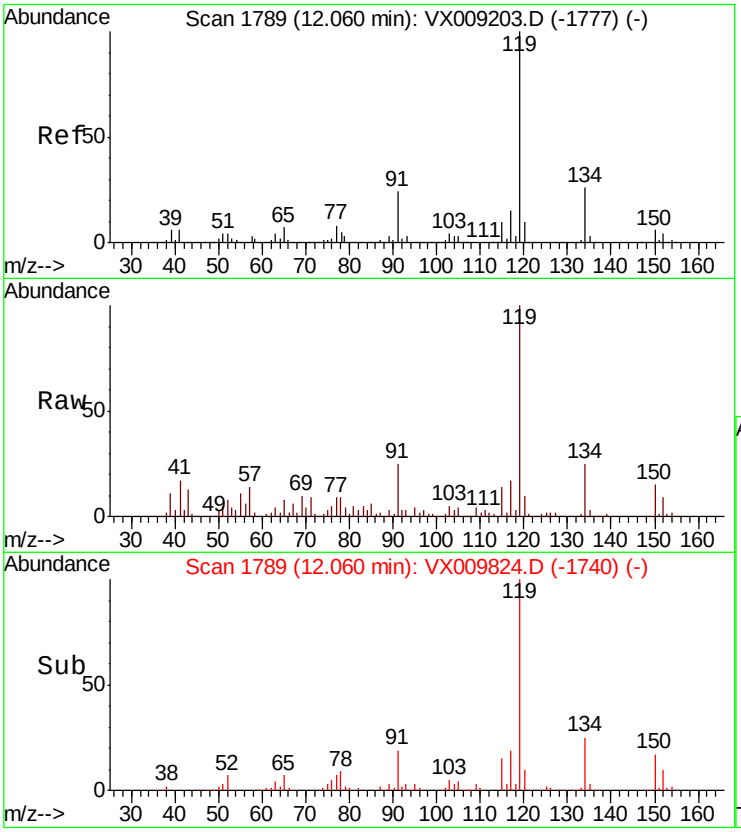


#85
sec-Butylbenzene
Concen: 17.125 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:105 Resp: 152690

Ion	Ratio	Lower	Upper
105	100		
134	30.4	9.7	28.9#



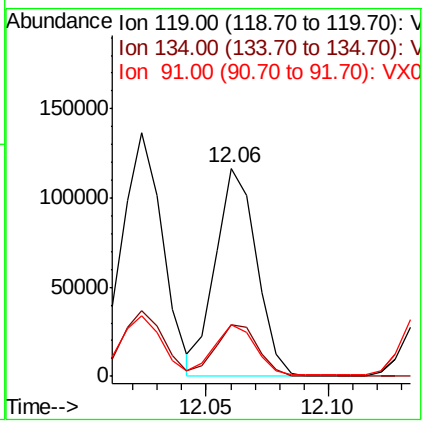


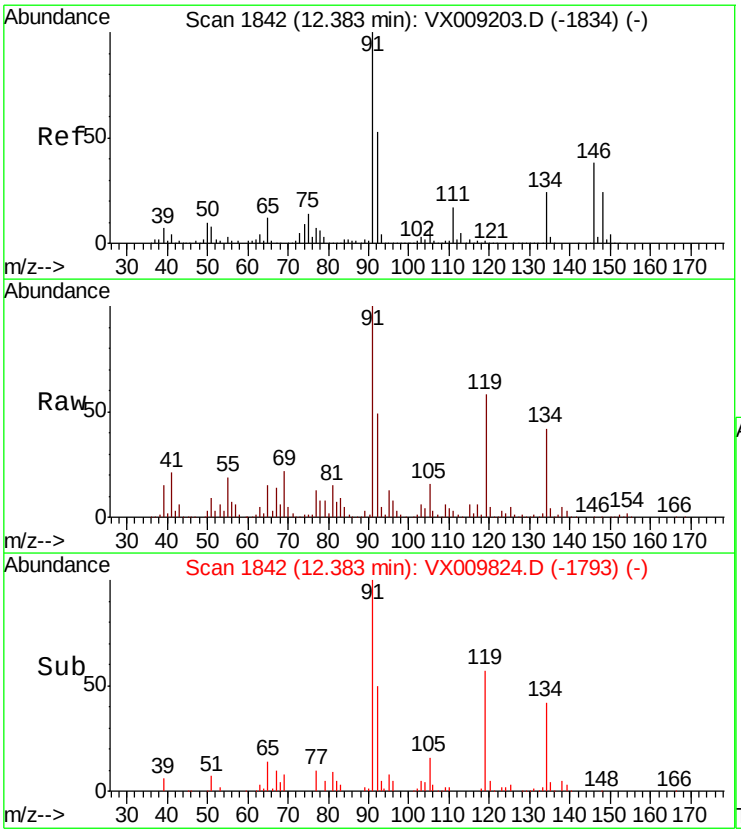
#86
p-Isopropyltoluene
Concen: 16.990 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 136180

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.2	11.8	35.4

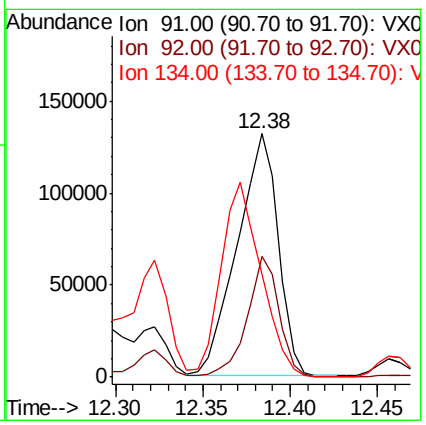


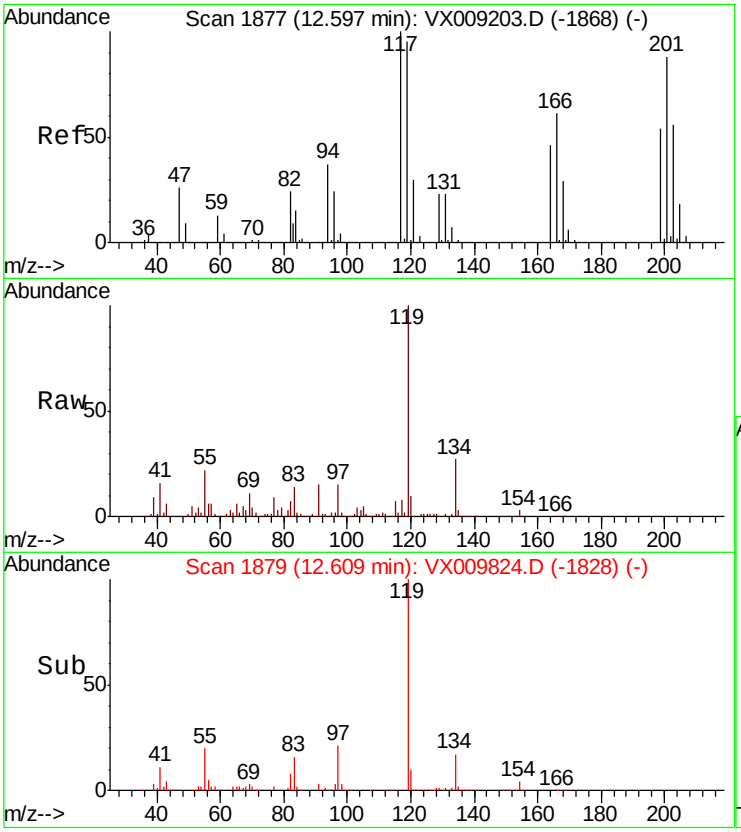


#89
n-Butylbenzene
Concen: 29.583 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 91 Resp: 214317

Ion	Ratio	Lower	Upper
91	100		
92	38.8	26.5	79.5
134	78.6	12.4	37.2#



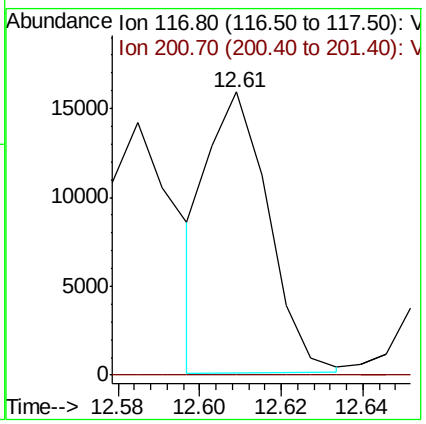


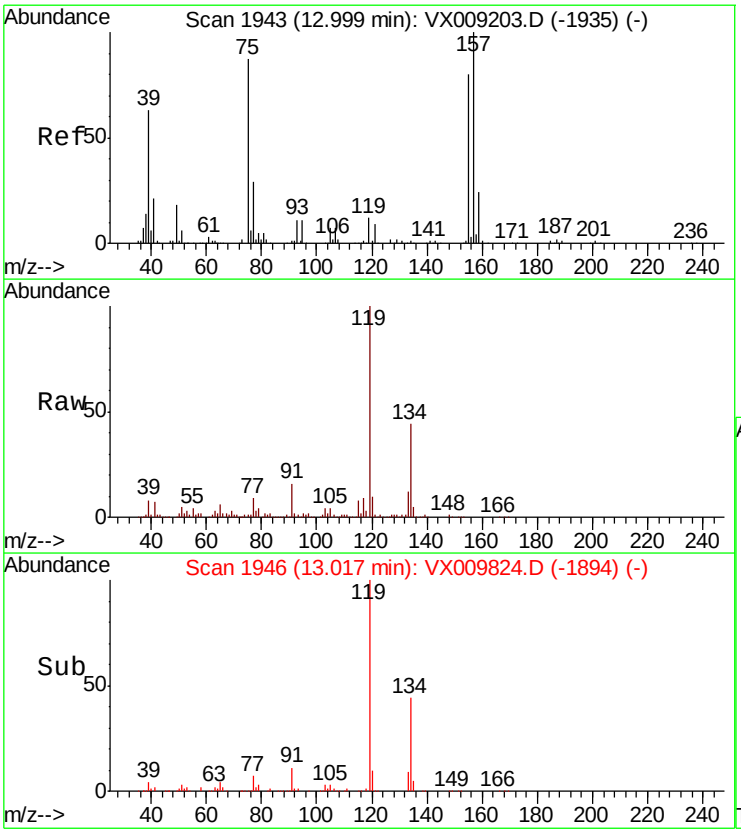
#90
Hexachloroethane
Concen: 11.962 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16335

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.001 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion: 75 Resp: 1536

Ion	Ratio	Lower	Upper
75	100		
155	2.6	42.0	126.0#
157	0.0	53.2	159.6#