Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013688.D
Acq On : 28 Nov 2019 06:14
Operator : JC/SP
Sample : K5965-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0189

Quant Time: Nov 29 00:43:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	693298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1075672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	390156	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
35) Dibromofluoromethane	5.49	113	321161	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
50) Toluene-d8	8.71	98	1273659	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
62) 4-Bromofluorobenzene	11.14	95	428306	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.68%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3603	0.416	ug/l #	84
5) Bromomethane	1.64	94	1446	0.221	ug/l #	9
6) Chloroethane	1.77	64	1394	0.251	ug/l #	45
11) Tert butyl alcohol	3.03	59	5086	2.560	ug/l #	54
13) Acrolein	2.27	56	698	6.517	ug/l #	15
16) Acetone	2.43	43	8575	2.158	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	2634	0.366	ug/l #	58
27) cis-1,2-Dichloroethene	4.59	96	30809	3.732	ug/l	89
36) 1,1-Dichloropropene	5.65	75	44118	4.518	ug/l #	52
38) Carbon Tetrachloride	5.65	117	56422	6.267	ug/l #	14
44) Trichloroethene	7.21	130	20553	2.518	ug/l	95
49) 1,4-Dioxane	7.75	88	304	1.550	ug/l #	50
67) Ethyl Benzene	10.25	91	9020	0.262	ug/l	98
68) m/p-Xylenes	10.36	106	6795	0.515	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	208778	21.620	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	208778	59.149	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	8950	0.357	ug/l	89
85) sec-Butylbenzene	11.94	105	41674	1.454	ug/l	92
86) p-Isopropyltoluene	12.23	119	10086	0.378	ug/l	85
95) Naphthalene	13.83	128	9653	0.332	ug/l #	92

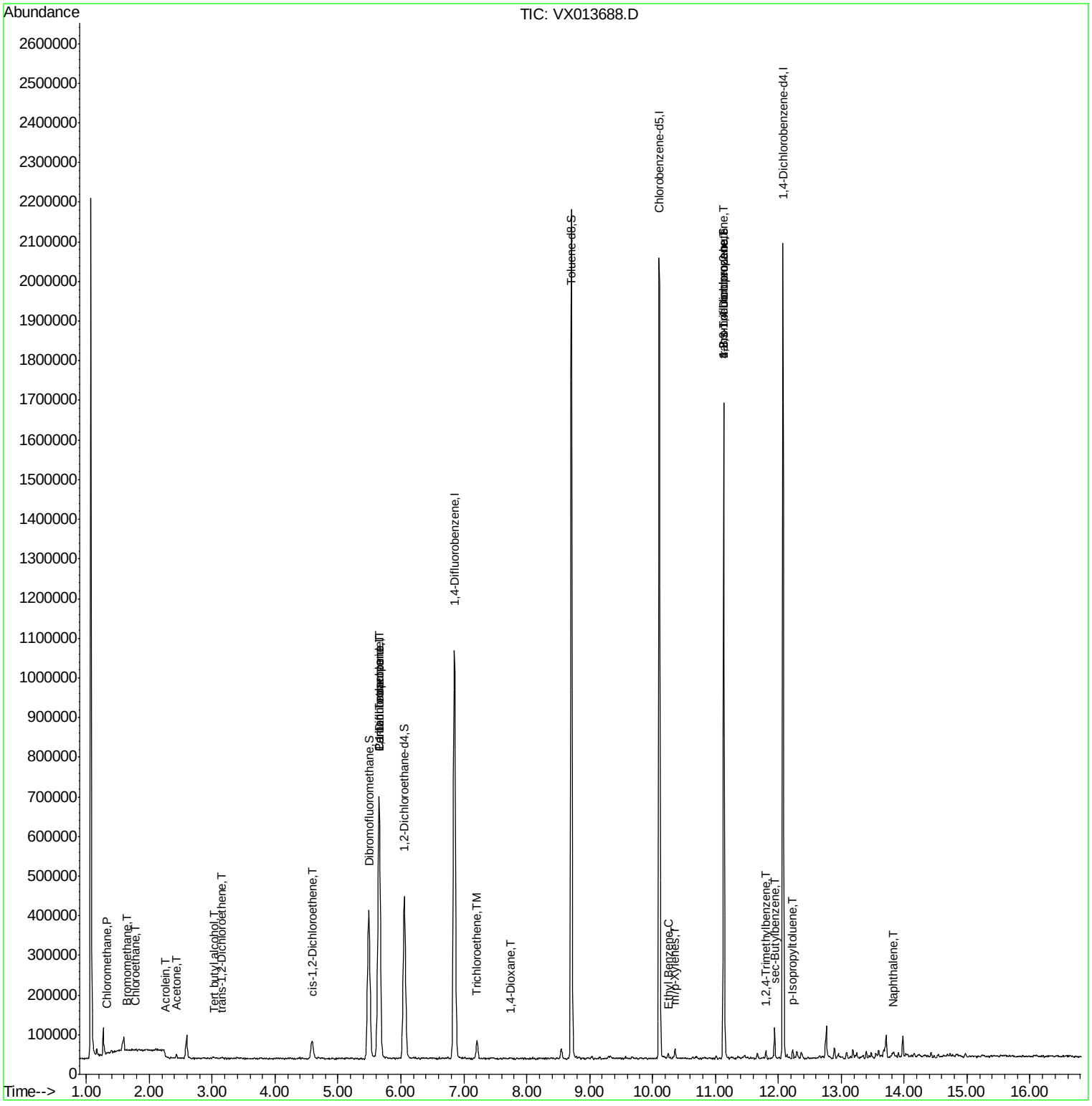
(#) = qualifier out of range (m) = manual integration (+) = signals summed

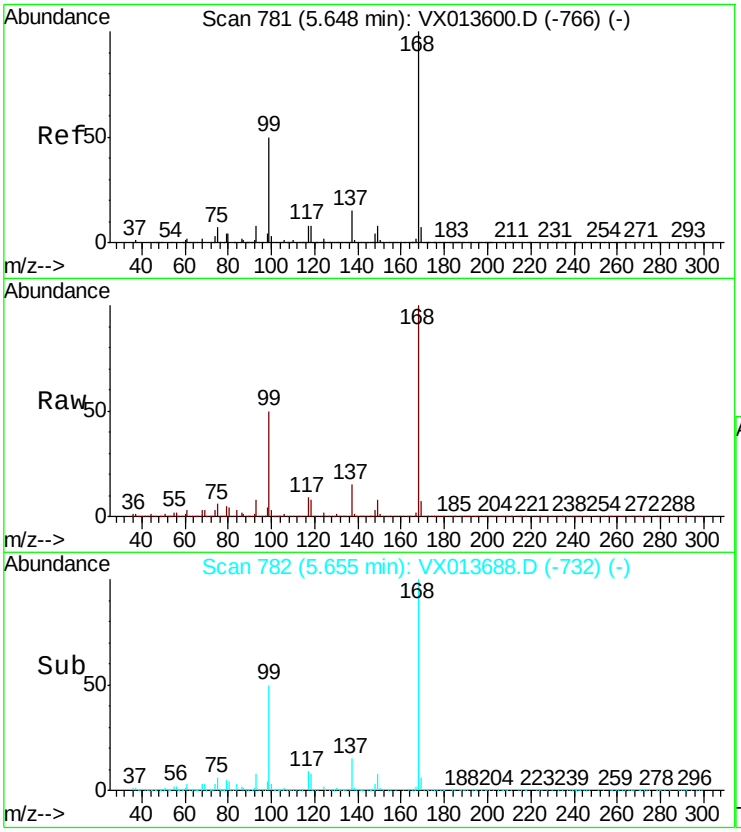
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013688.D
Acq On : 28 Nov 2019 06:14
Operator : JC/SP
Sample : K5965-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Quant Time: Nov 29 00:43:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



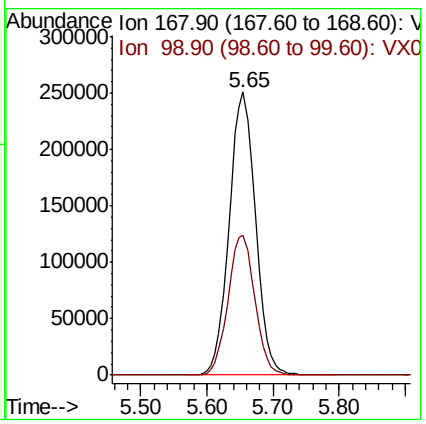


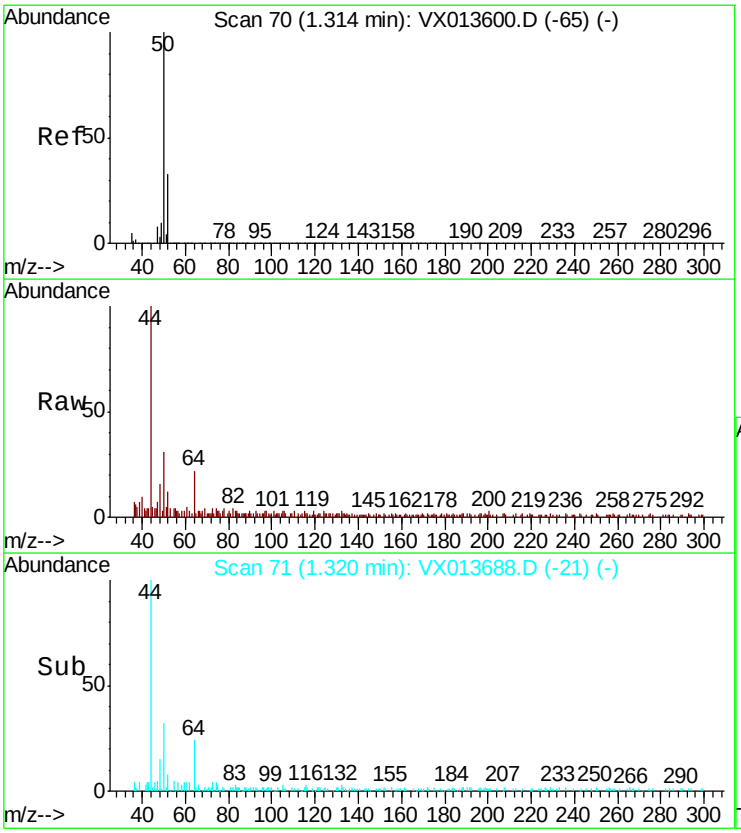
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:168 Resp: 693298

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.8	59.8

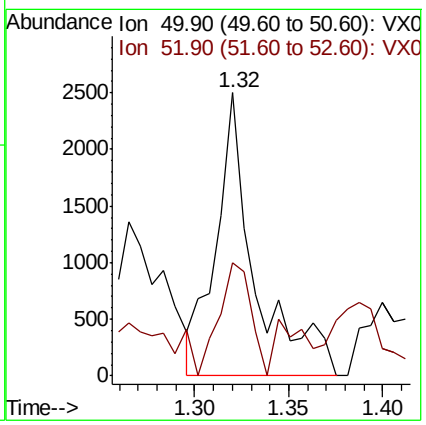


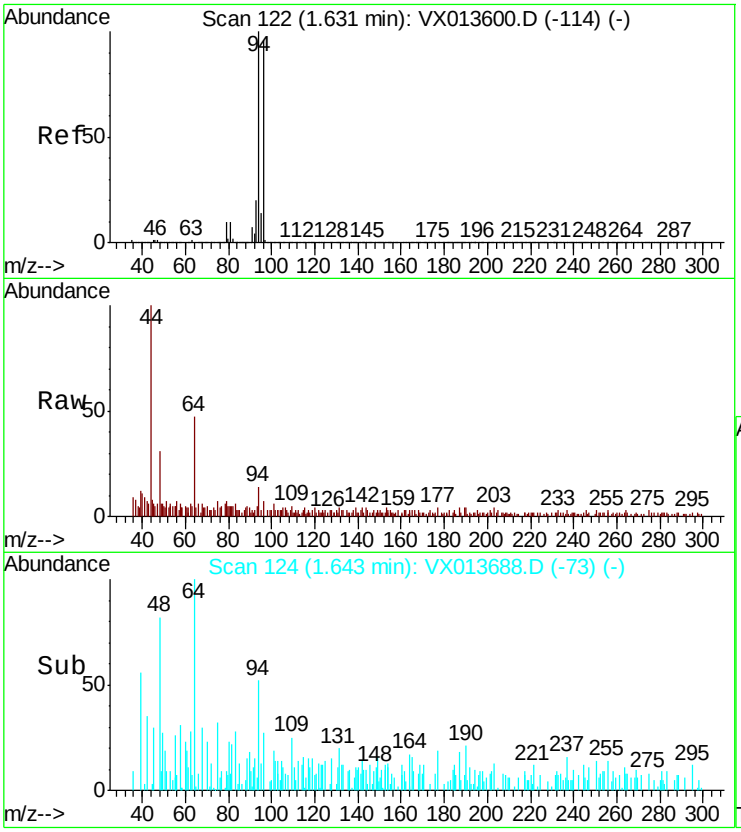


#3
Chloromethane
Concen: 0.416 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 50 Resp: 3603

Ion	Ratio	Lower	Upper
50	100		
52	23.7	26.0	39.0#



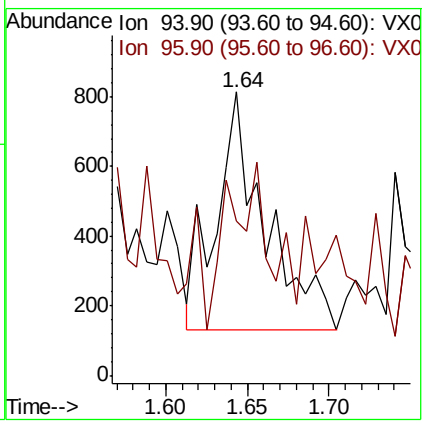


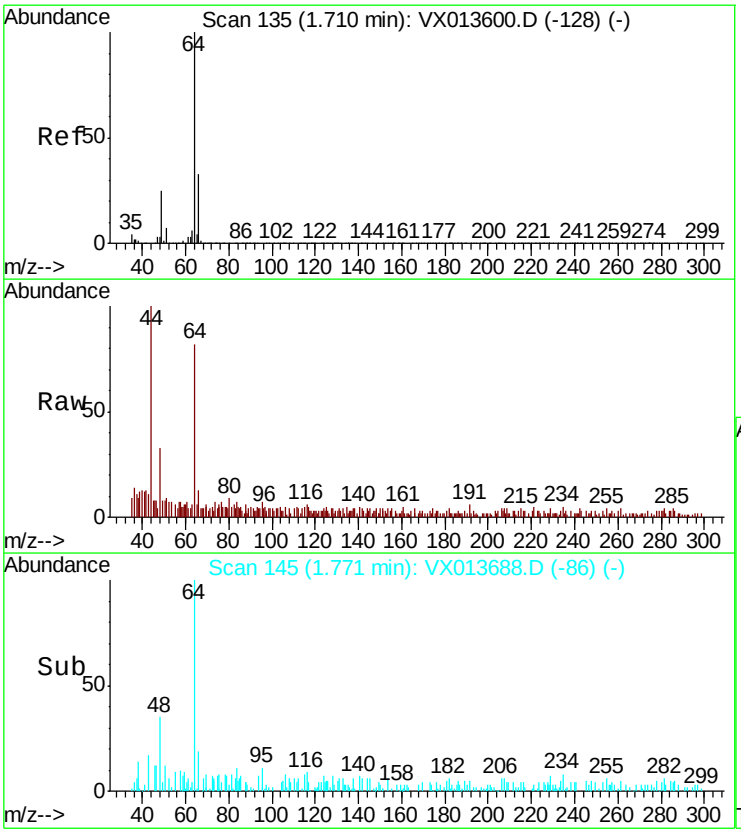
#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 94 Resp: 1446

Ion	Ratio	Lower	Upper
94	100		
96	6.7	77.0	115.4#

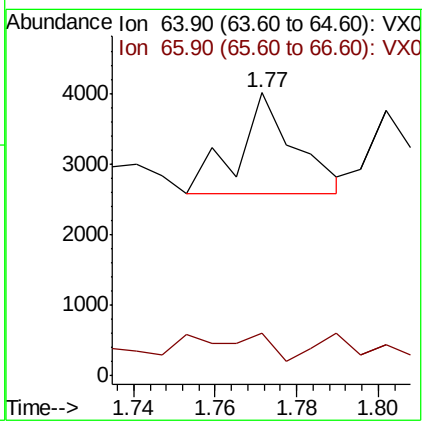


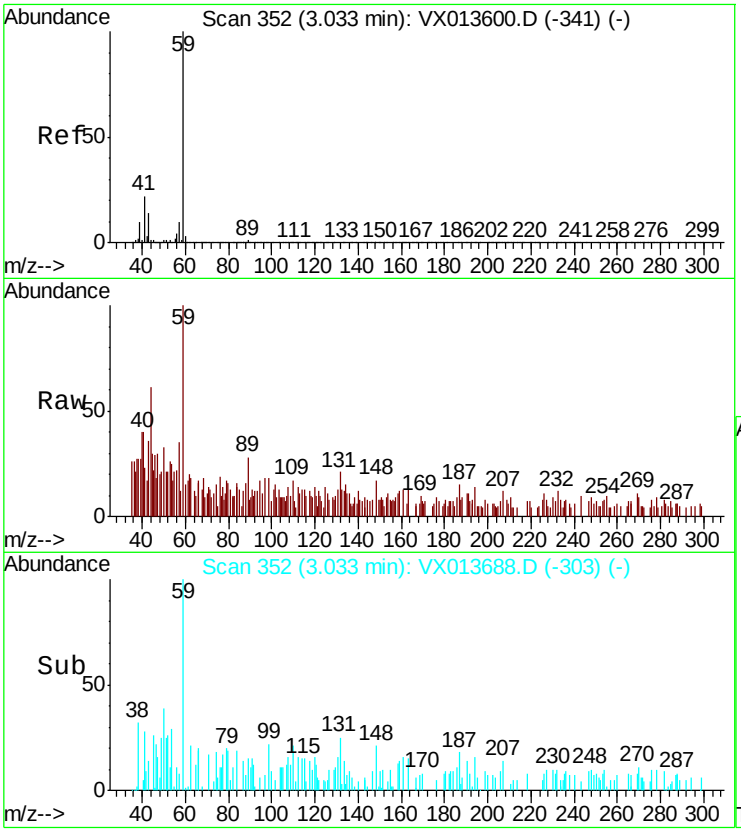


#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.77 min Scan# 145
Delta R.T. 0.06 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 64 Resp: 1394

Ion	Ratio	Lower	Upper
64	100		
66	2.1	26.7	40.1#



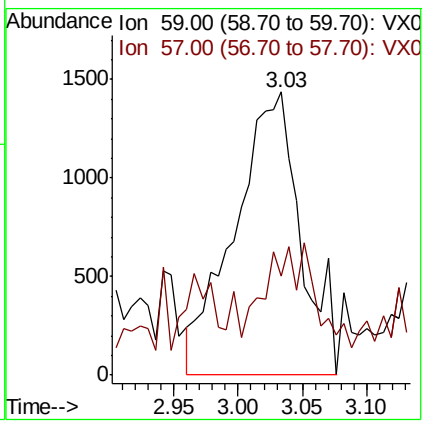


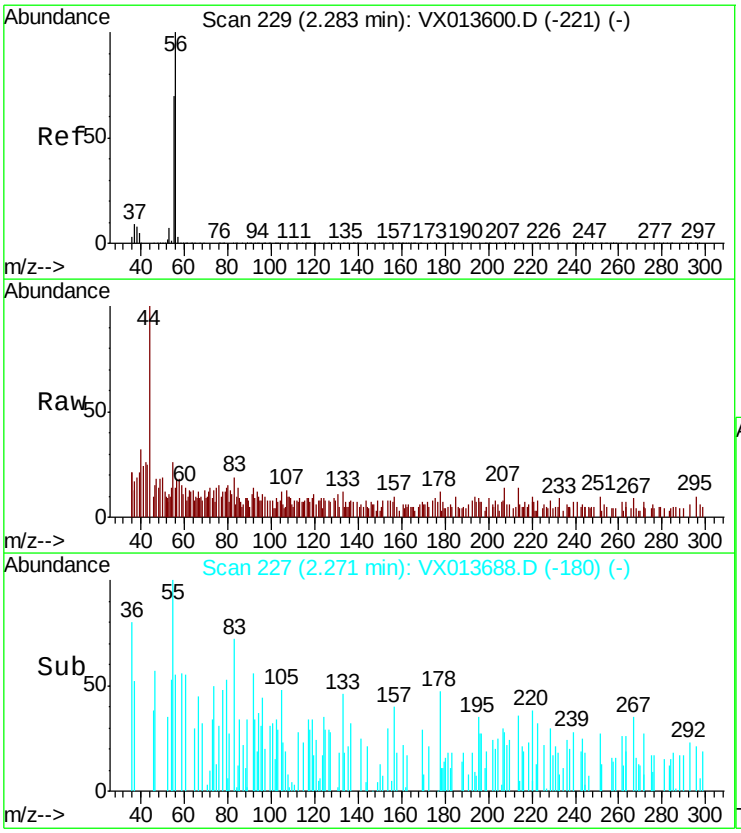
#11
Tert butyl alcohol
Concen: 2.560 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 59 Resp: 5086

Ion	Ratio	Lower	Upper
59	100		
57	26.8	7.8	11.6#

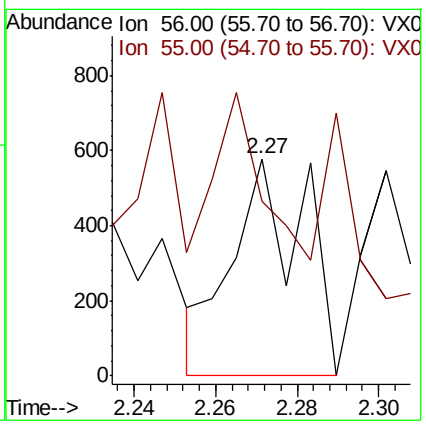


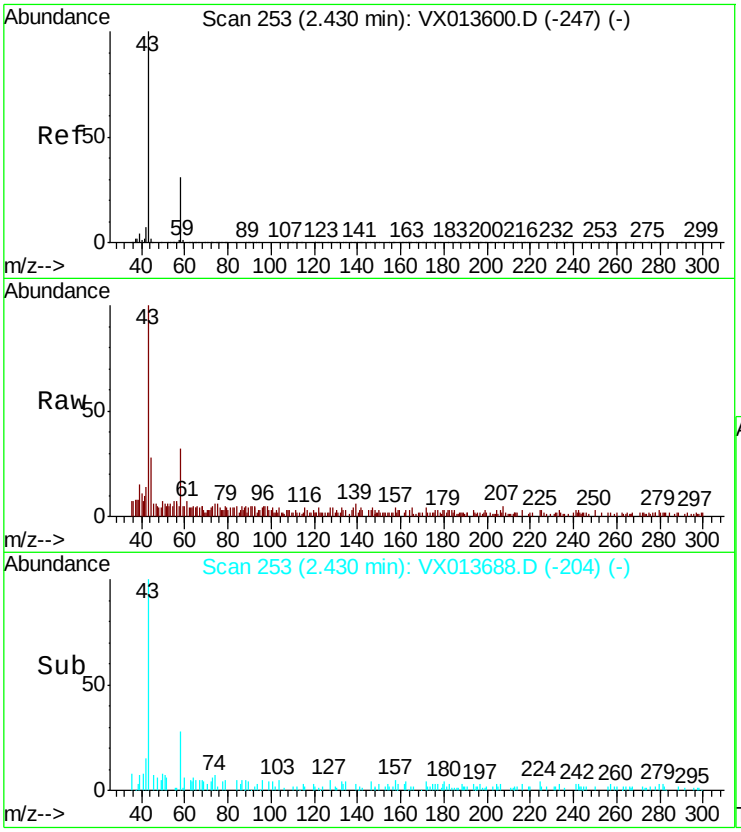


#13
Acrolein
Concen: 6.517 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 56 Resp: 698

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



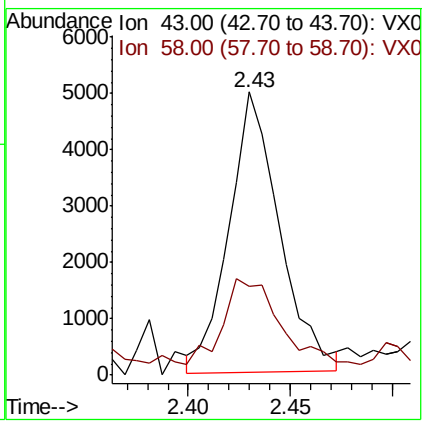


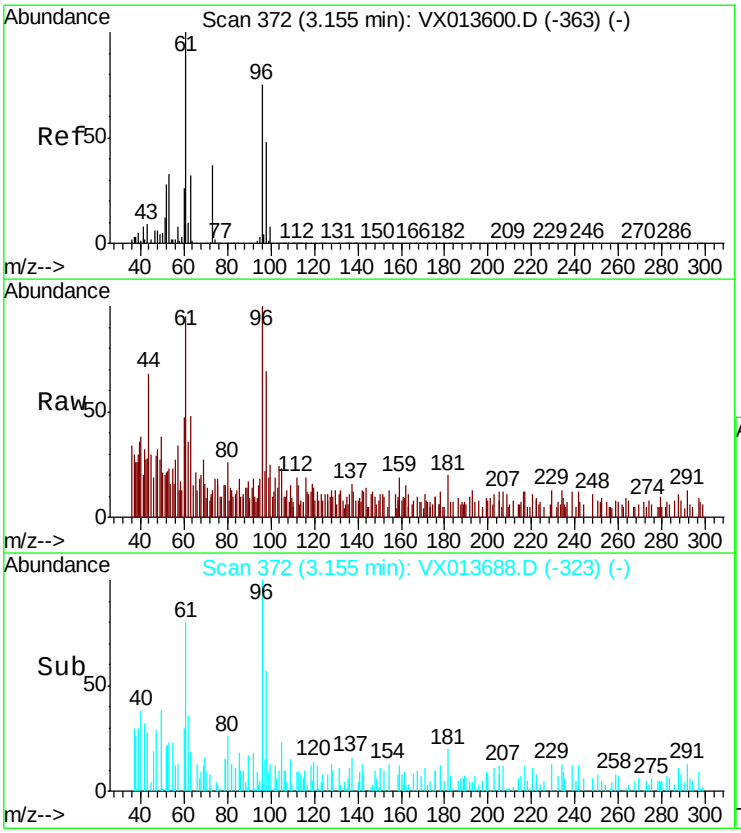
#16
Acetone
Concen: 2.158 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 43 Resp: 8575

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.6	36.8

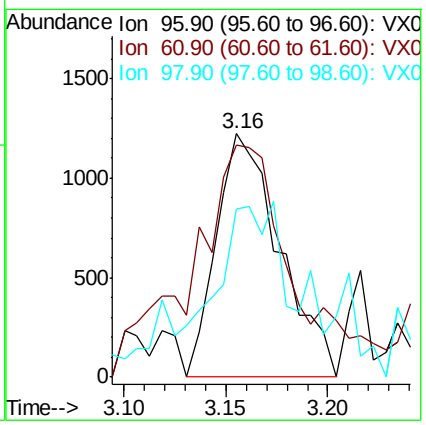


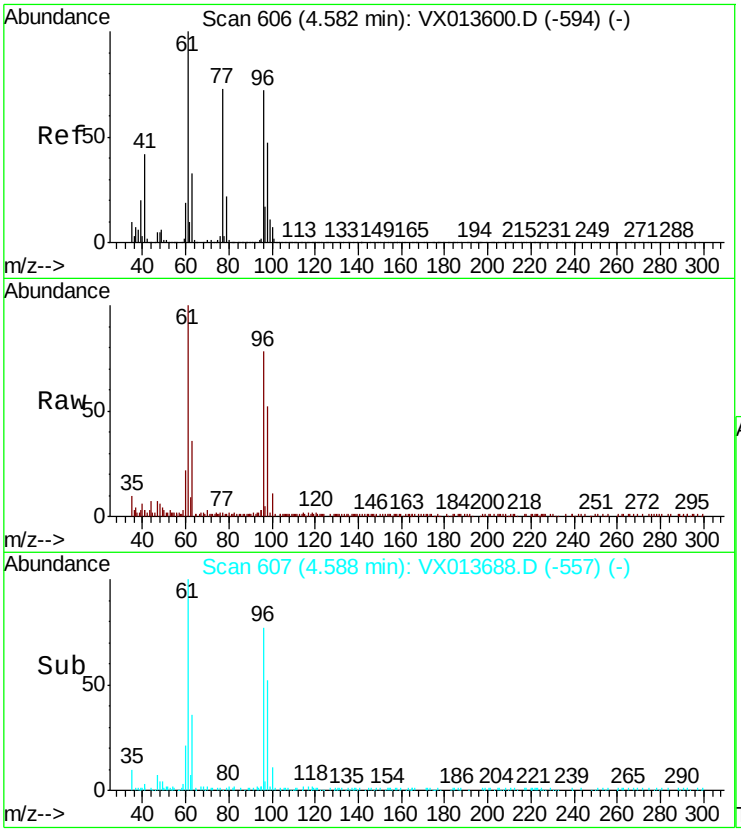


#21
trans-1,2-Dichloroethene
Concen: 0.366 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 96 Resp: 2634

Ion	Ratio	Lower	Upper
96	100		
61	71.9	107.2	160.8#
98	48.0	51.4	77.0#



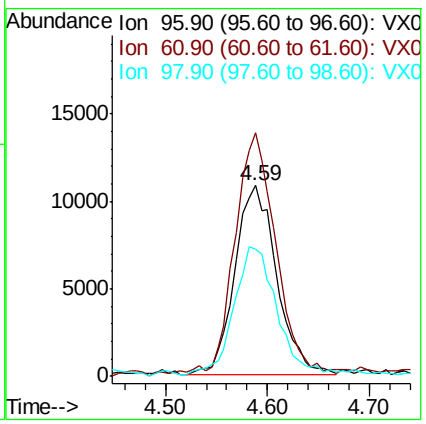


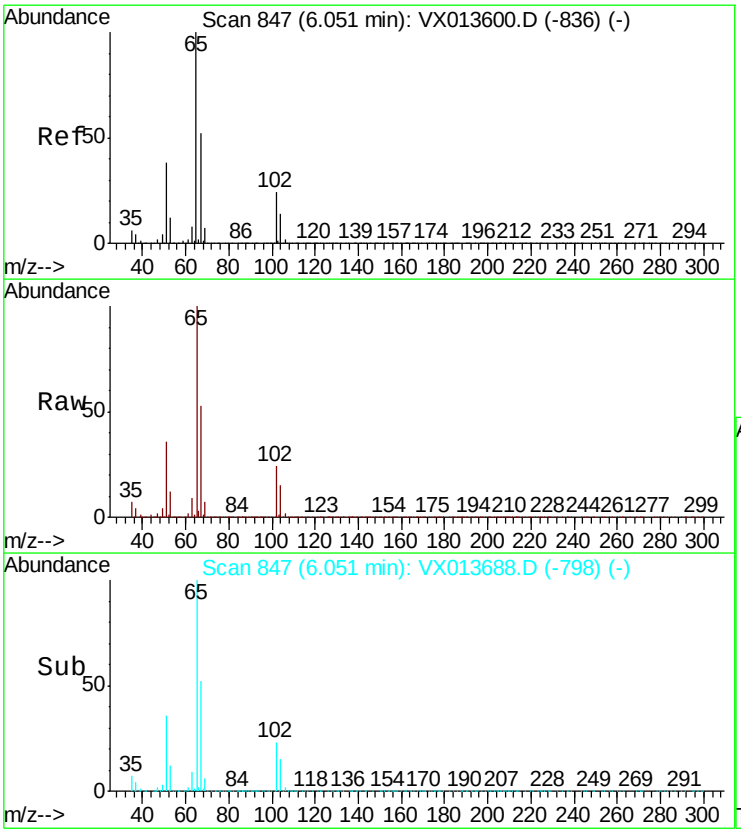
#27
cis-1,2-Dichloroethene
Concen: 3.732 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 96 Resp: 30809

Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	286.4
98	71.5	0.0	127.4

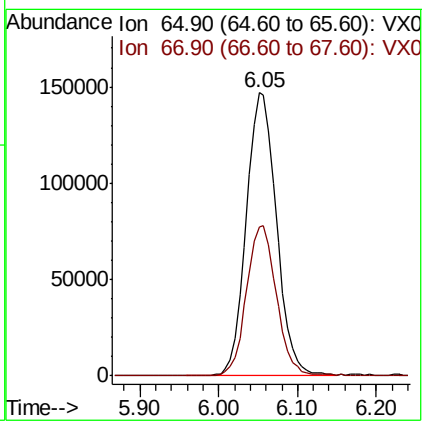


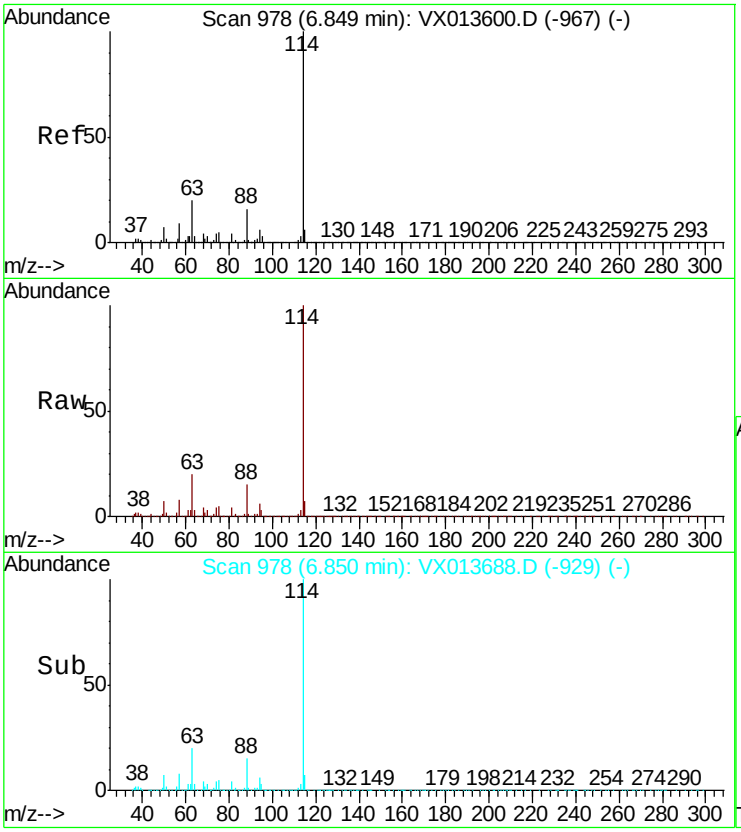


#33
1,2-Dichloroethane-d4
Concen: 48.481 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 65 Resp: 390156

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4



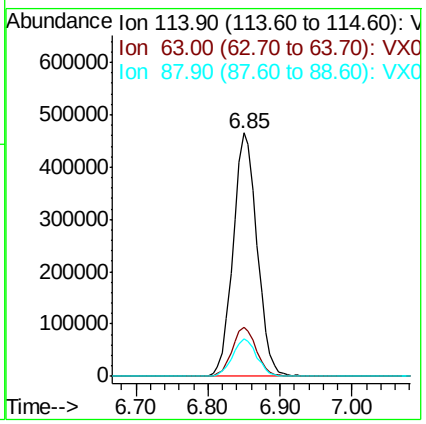


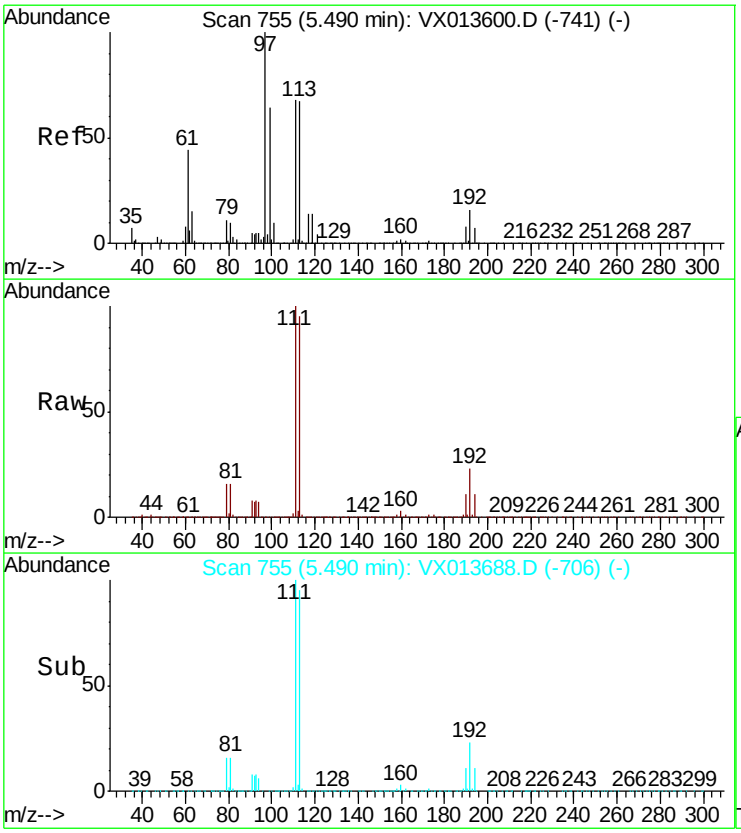
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:114 Resp: 1075672

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.4	0.0	31.4

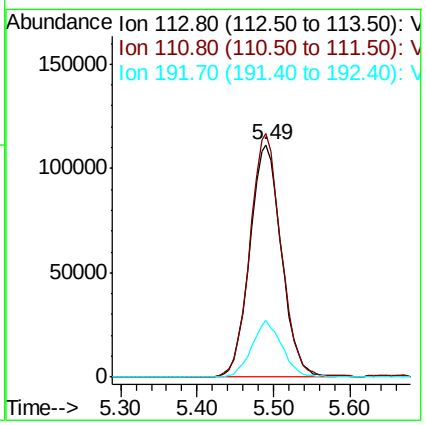


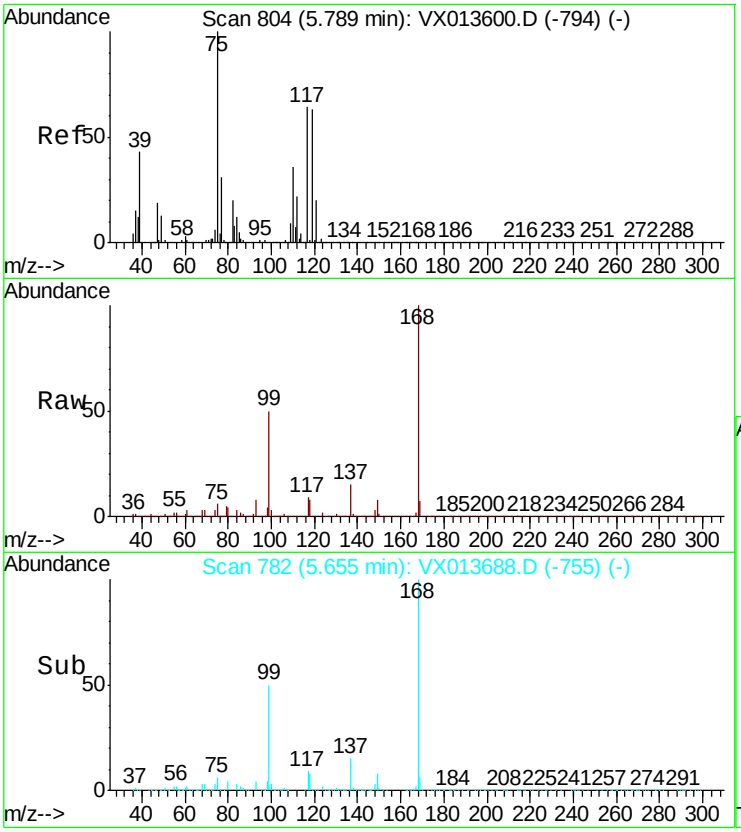


#35
Dibromofluoromethane
Concen: 48.295 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion:113 Resp: 321161

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.6	125.4
192	23.4	19.2	28.8



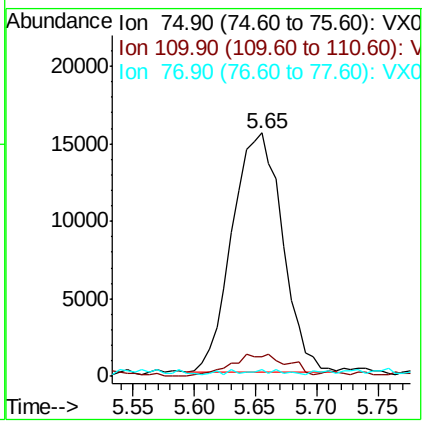


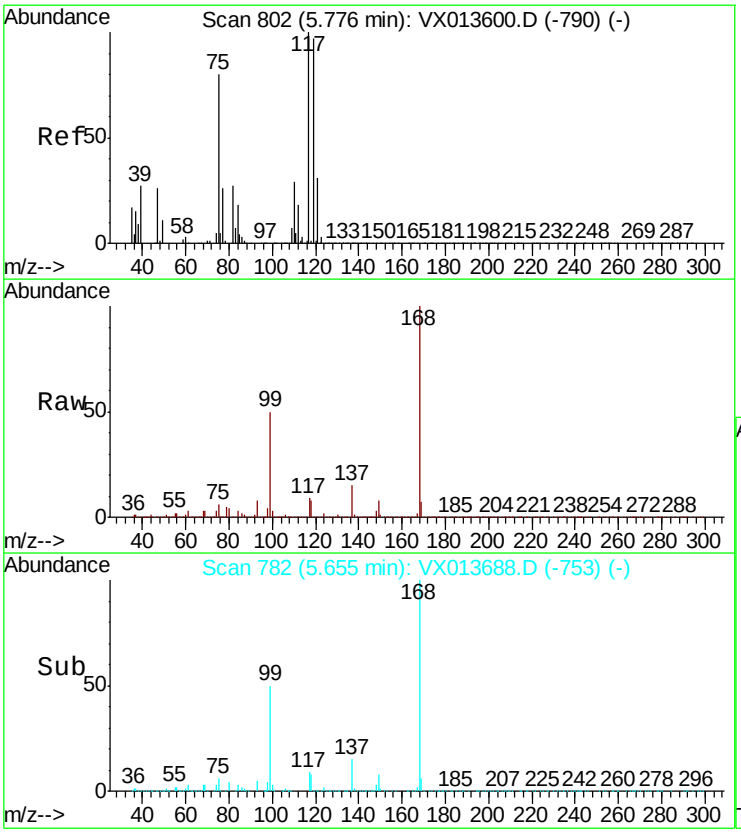
#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 75 Resp: 44118

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	1.2	24.5	36.7#

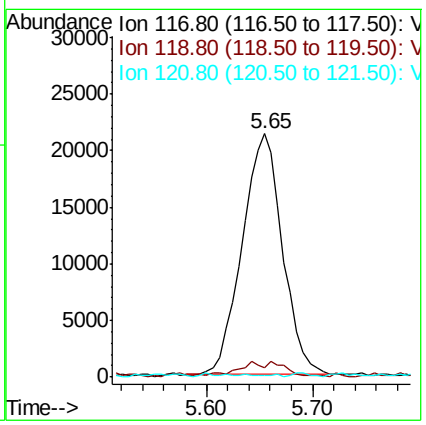


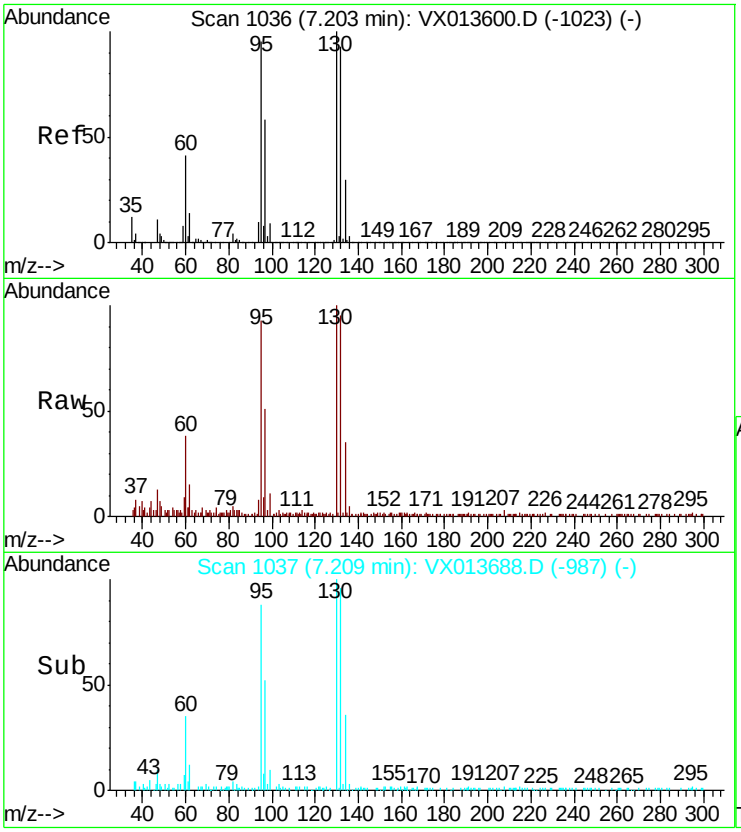


#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion:117 Resp: 56422

Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.5	116.3#
121	0.0	25.0	37.6#



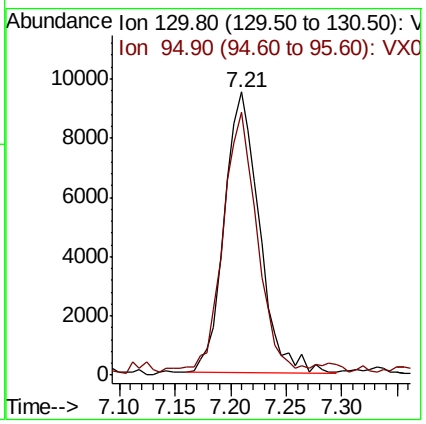


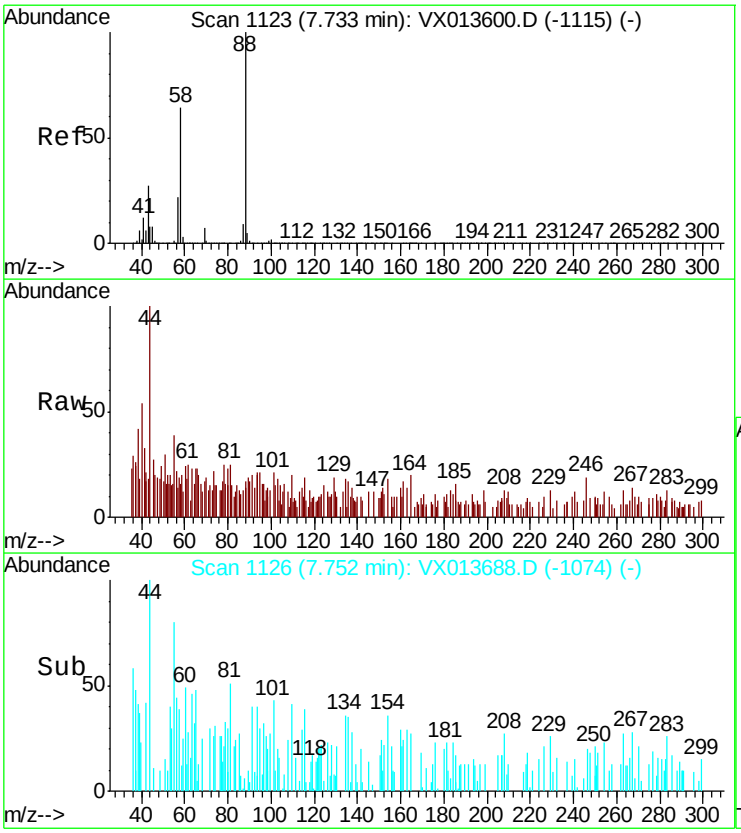
#44
Trichloroethene
Concen: 2.518 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:130 Resp: 20553

Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	190.8

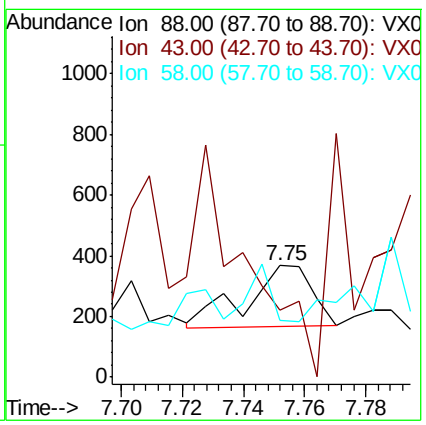


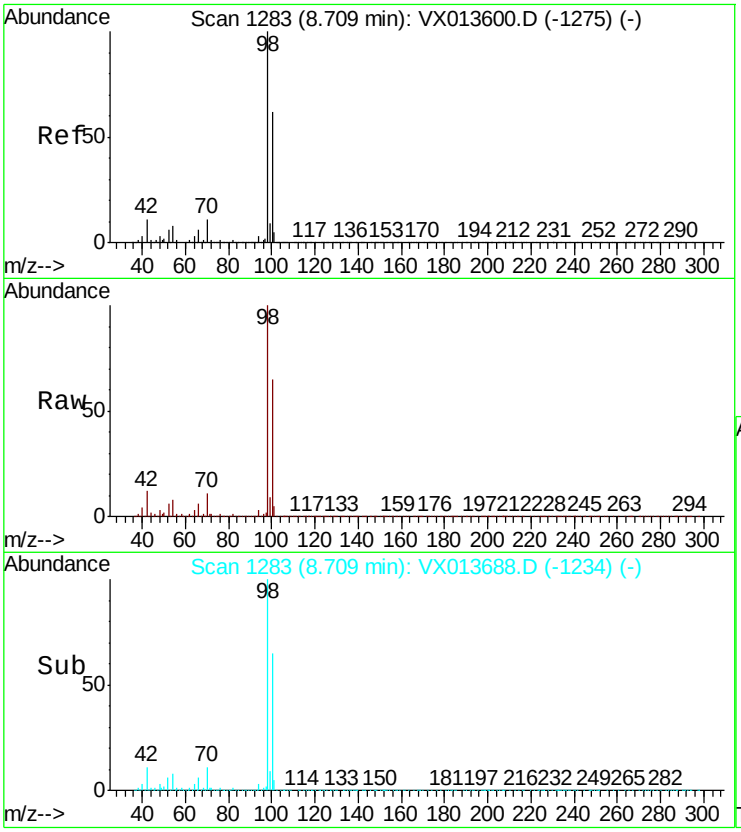


#49
1,4-Dioxane
Concen: 1.550 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	30.6	54.6	82.0#



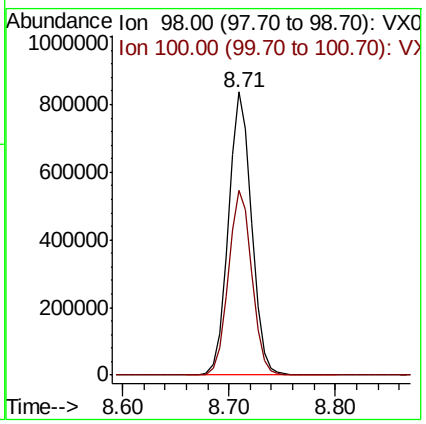


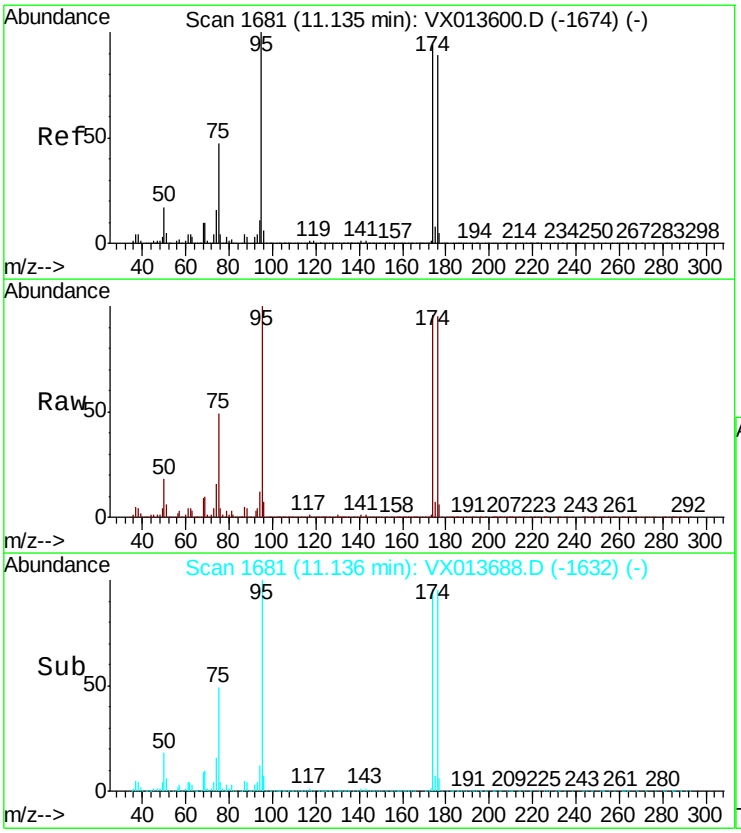
#50
Toluene-d8
Concen: 49.159 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 98 Resp: 1273659

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

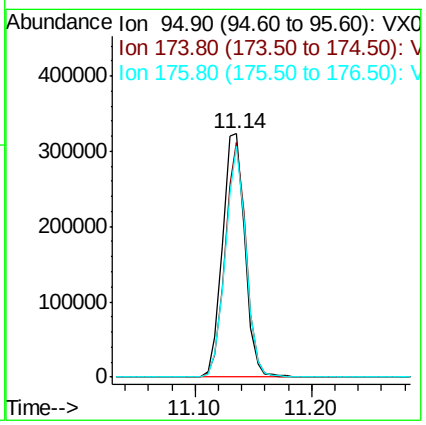


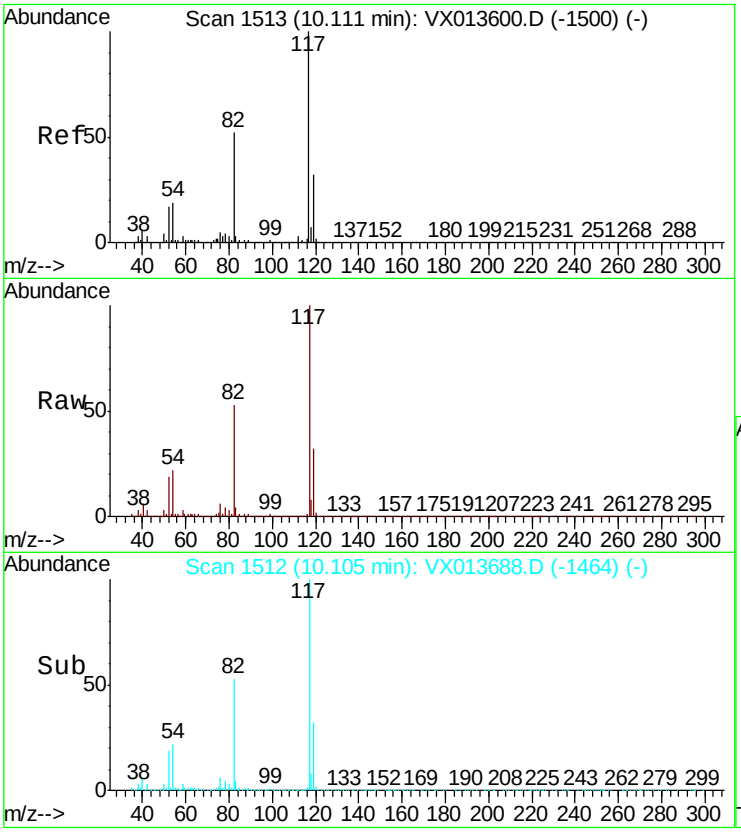


#62
4-Bromofluorobenzene
Concen: 45.843 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 95 Resp: 428306

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	180.0
176	87.6	0.0	173.6



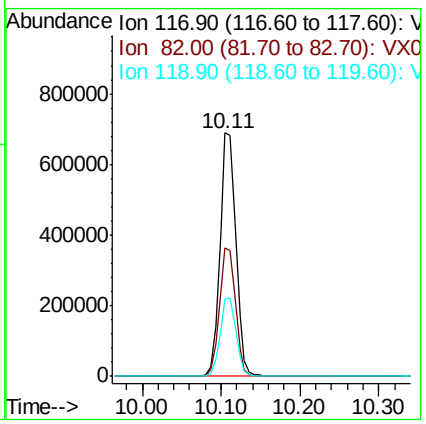


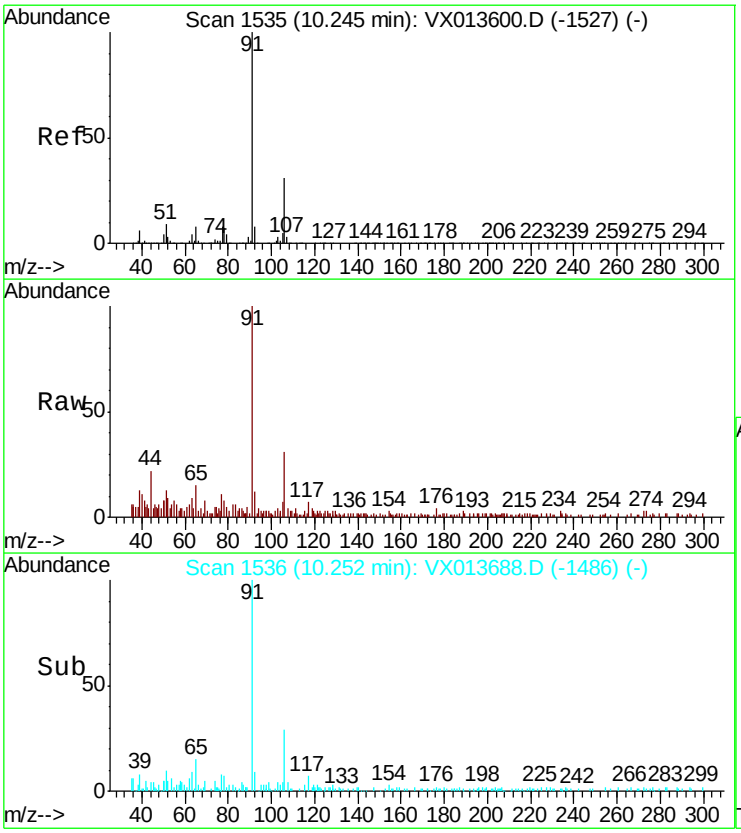
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument : MSVOA_X
ClientSampleId : S39-0189

Tgt Ion:117 Resp: 965220

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	31.7	25.8	38.8

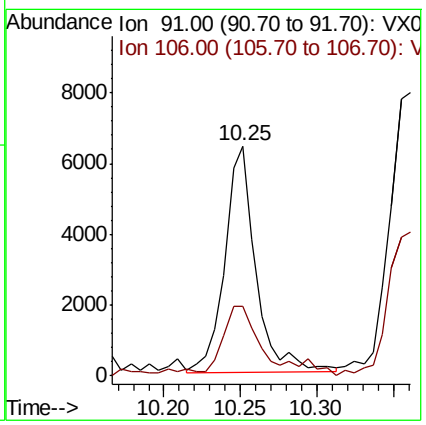


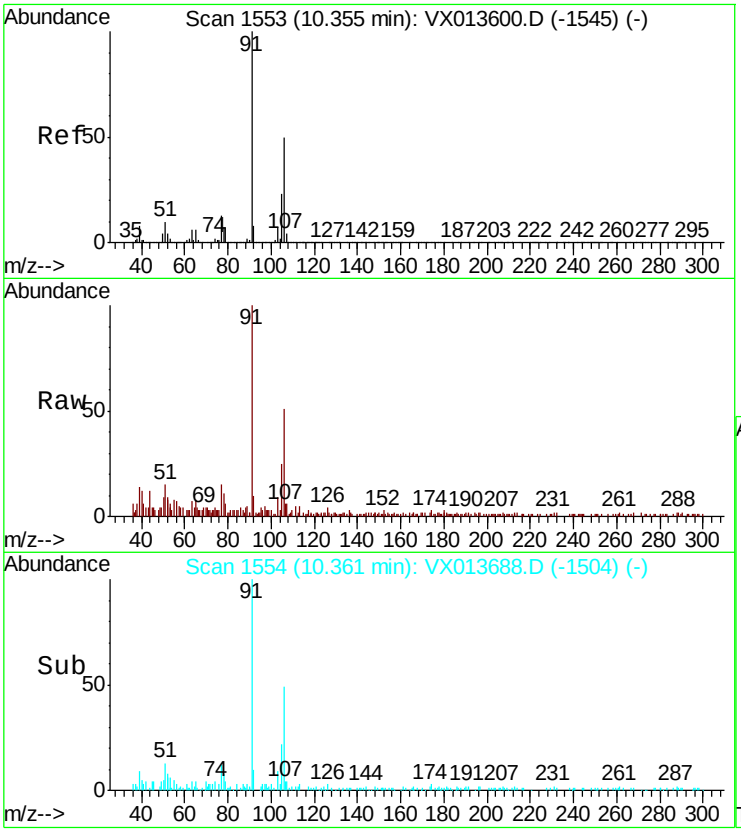


#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 91 Resp: 9020

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.5	36.7



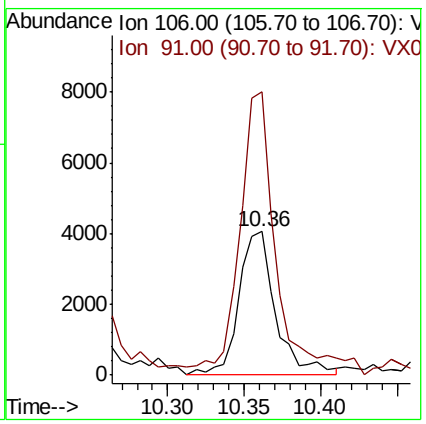


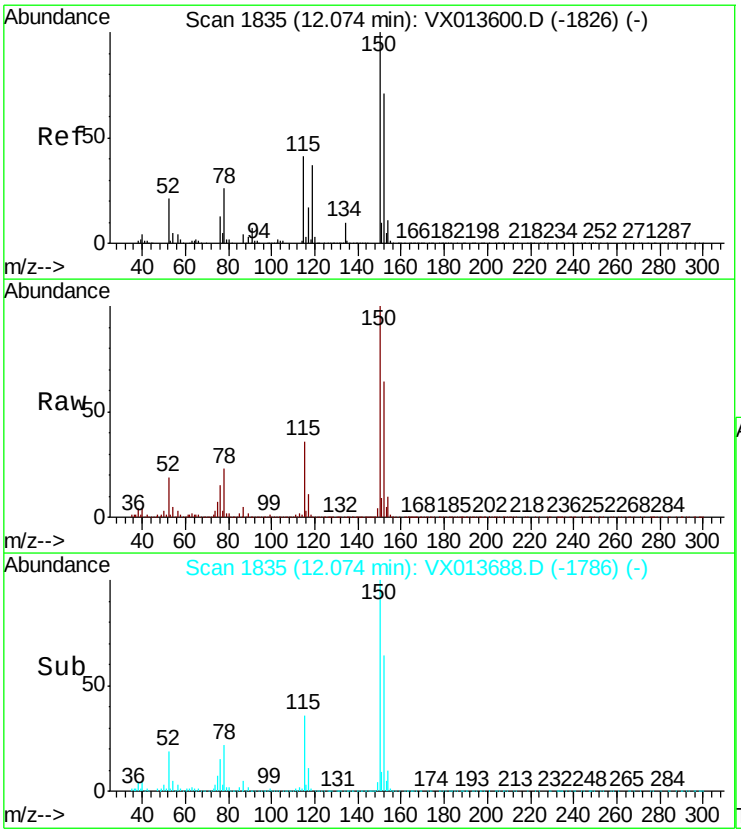
#68
m/p-Xylenes
Concen: 0.515 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:106 Resp: 6795

Ion	Ratio	Lower	Upper
106	100		
91	196.5	159.0	238.4

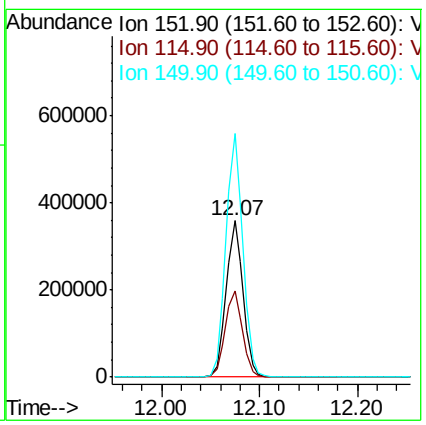


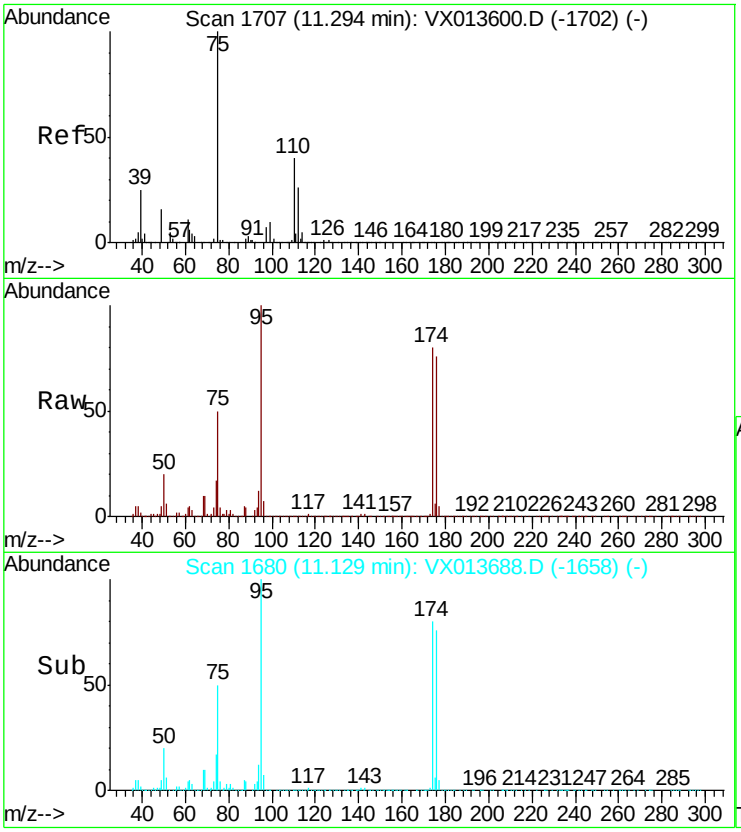


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion:152 Resp: 429342

Ion	Ratio	Lower	Upper
152	100		
115	56.2	38.4	115.1
150	156.7	0.0	346.8



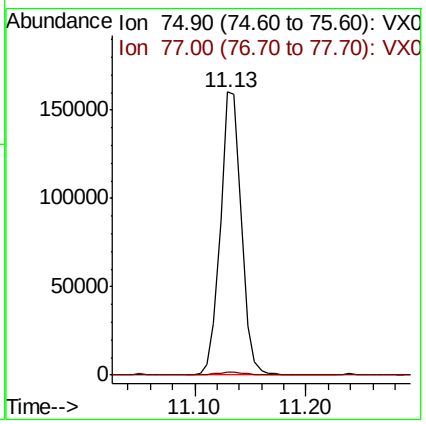


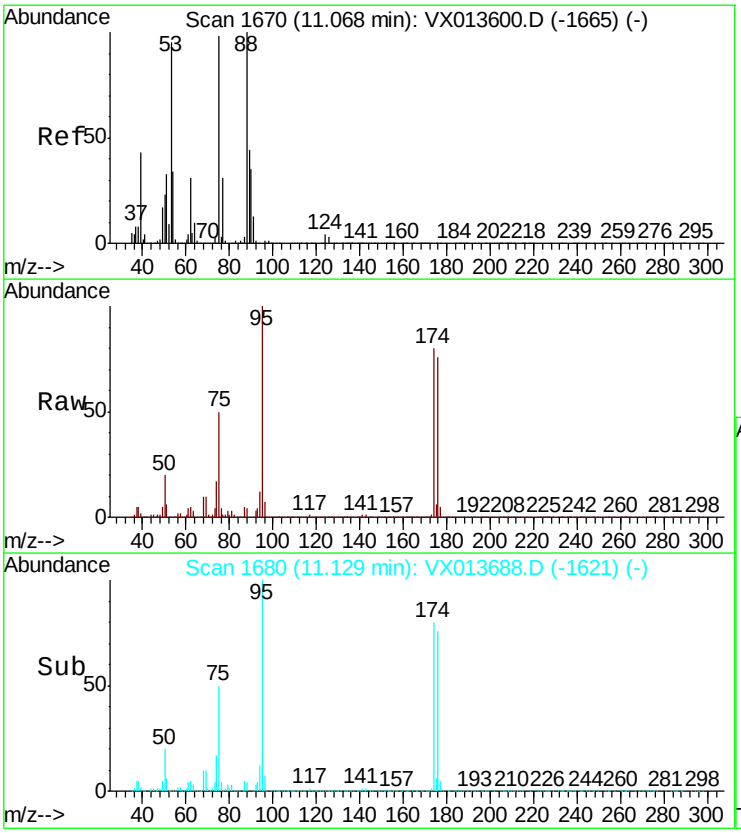
#76
1,2,3-Trichloropropane
Concen: 21.620 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 75 Resp: 208778

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

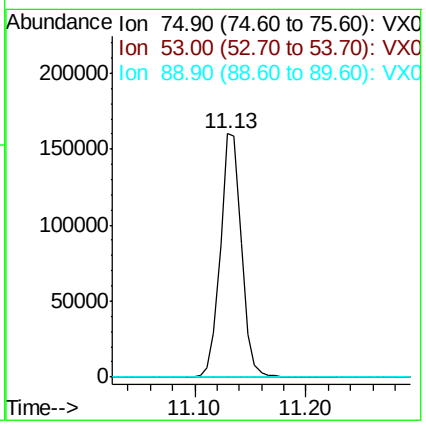


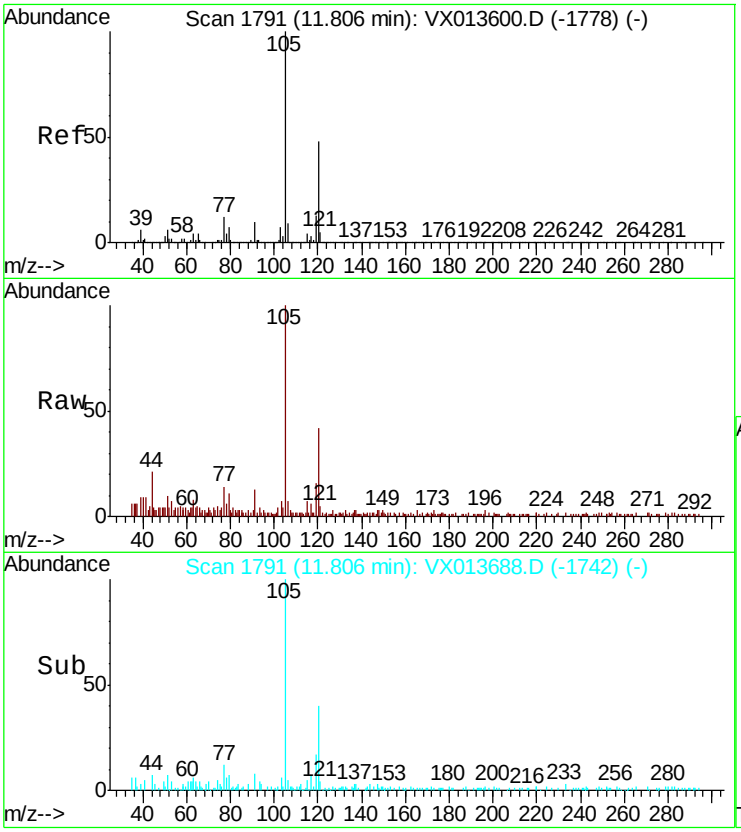


#81
trans-1,4-Dichloro-2-butene
Concen: 59.149 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion: 75 Resp: 208778

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.2#
89	0.0	35.4	53.2#



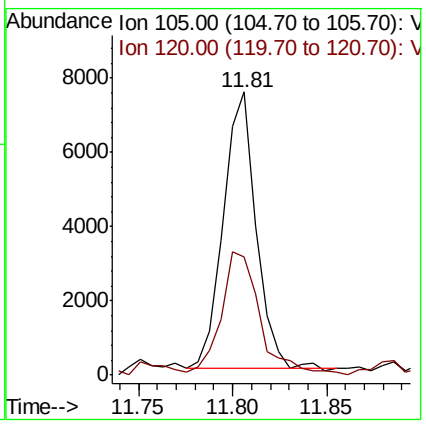


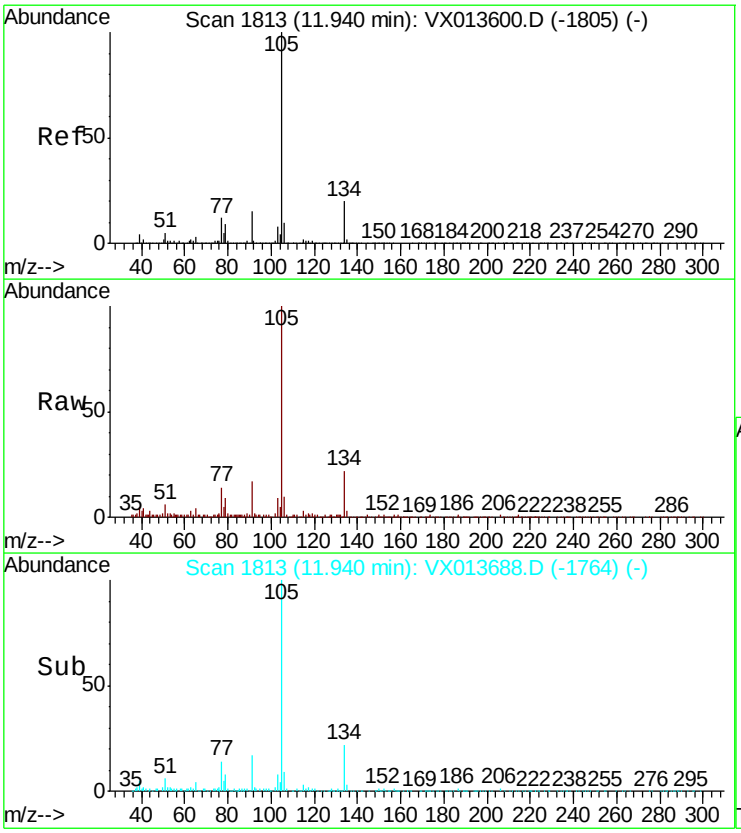
#84
1,2,4-Trimethylbenzene
Concen: 0.357 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:105 Resp: 8950

Ion	Ratio	Lower	Upper
105	100		
120	53.4	23.1	69.3

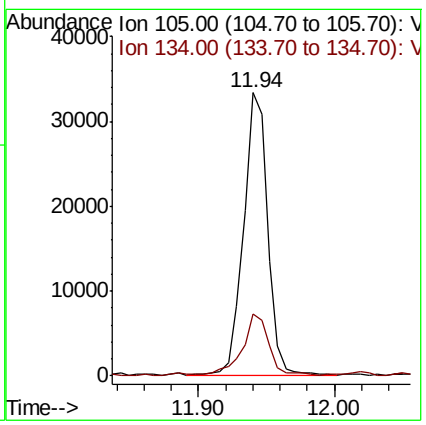


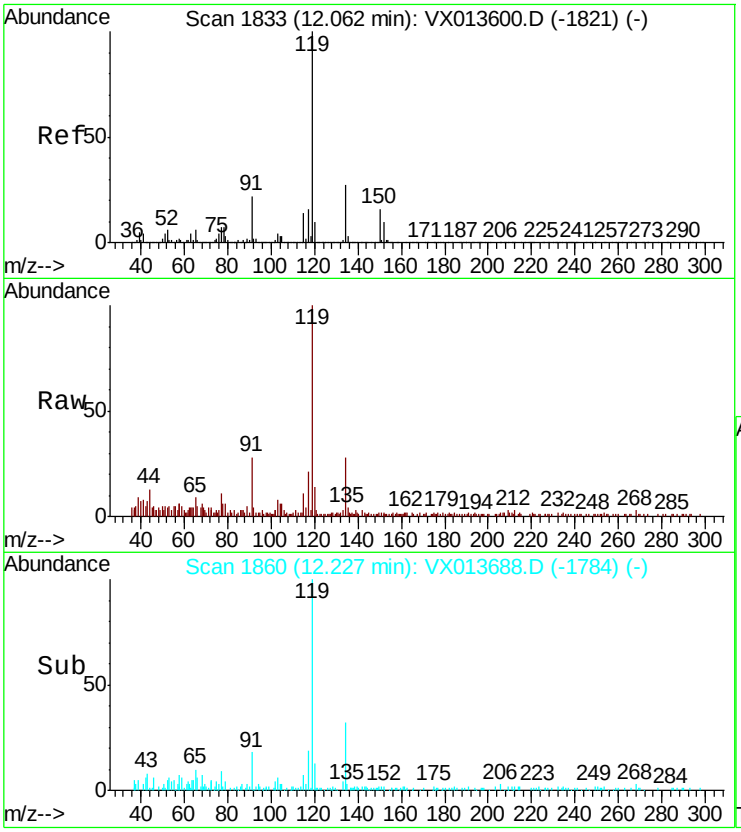


#85
sec-Butylbenzene
Concen: 1.454 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion:105 Resp: 41674

Ion	Ratio	Lower	Upper
105	100		
134	24.4	10.4	31.2



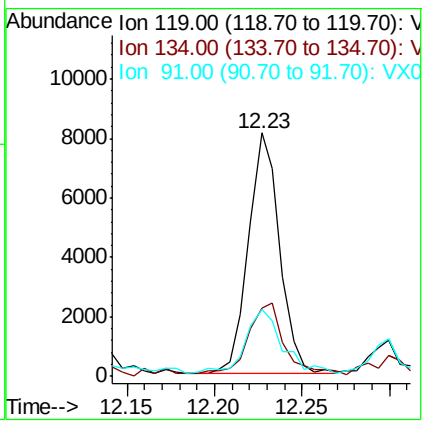


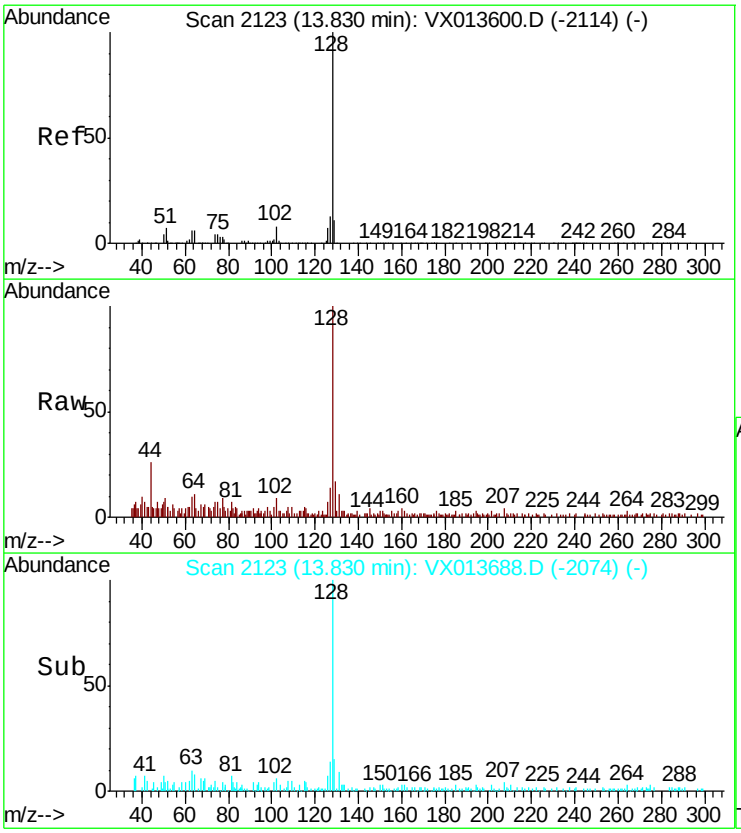
#86
p-Isopropyltoluene
Concen: 0.378 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:119 Resp: 10086

Ion	Ratio	Lower	Upper
119	100		
134	33.6	13.3	39.9
91	30.8	11.3	33.8





#95
Naphthalene
Concen: 0.332 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion:128 Resp: 9653

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	16.7	8.7	13.1#