Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112919\
Data File : VX013703.D
Acq On : 29 Nov 2019 16:00
Operator : JC/SP
Sample : K5965-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0189

Quant Time: Nov 29 22:29:18 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	689627	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1057116	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	937228	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423941	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	380672	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
35) Dibromofluoromethane	5.49	113	312138	47.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.52%				
50) Toluene-d8	8.71	98	1261976	49.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.12%				
62) 4-Bromofluorobenzene	11.14	95	421123	45.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.74%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2880	0.334	ug/l		90
5) Bromomethane	1.64	94	1531	0.235	ug/l	#	61
6) Chloroethane	1.58	64	15017	2.722	ug/l	#	56
11) Tert butyl alcohol	3.03	59	3777	1.912	ug/l	#	85
13) Acrolein	2.30	56	201	6.152	ug/l	#	1
16) Acetone	2.44	43	10158	2.570	ug/l		96
20) Methylene Chloride	2.86	84	2048	0.270	ug/l	#	34
21) trans-1,2-Dichloroethene	3.15	96	2569	0.359	ug/l	#	78
27) cis-1,2-Dichloroethene	4.58	96	29634	3.609	ug/l		89
36) 1,1-Dichloropropene	5.65	75	44272	4.614	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	59668	6.743	ug/l	#	15
44) Trichloroethene	7.21	130	21421	2.671	ug/l		87
49) 1,4-Dioxane	7.73	88	145	0.752	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.71	43	5429	0.487	ug/l	#	1
64) Tetrachloroethene	9.33	164	1636	0.234	ug/l	#	81
67) Ethyl Benzene	10.25	91	9162	0.274	ug/l	#	81
68) m/p-Xylenes	10.35	106	6612	0.516	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	203634	21.356	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	203634	58.426	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.80	105	11047	0.447	ug/l		96
85) sec-Butylbenzene	11.94	105	40613	1.435	ug/l		99
86) p-Isopropyltoluene	12.23	119	9809	0.373	ug/l		81
95) Naphthalene	13.83	128	6777	0.236	ug/l		98

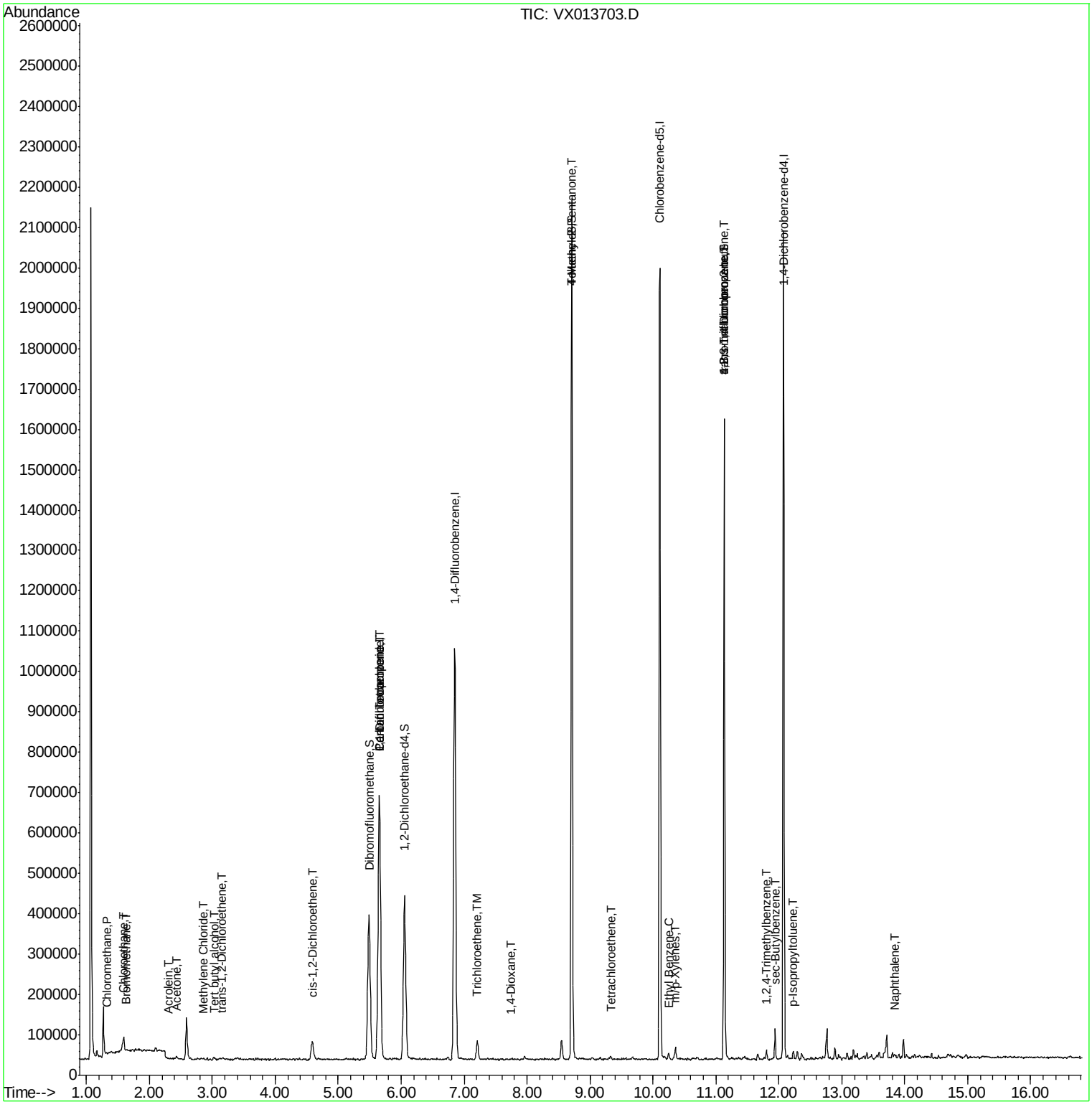
(#) = qualifier out of range (m) = manual integration (+) = signals summed

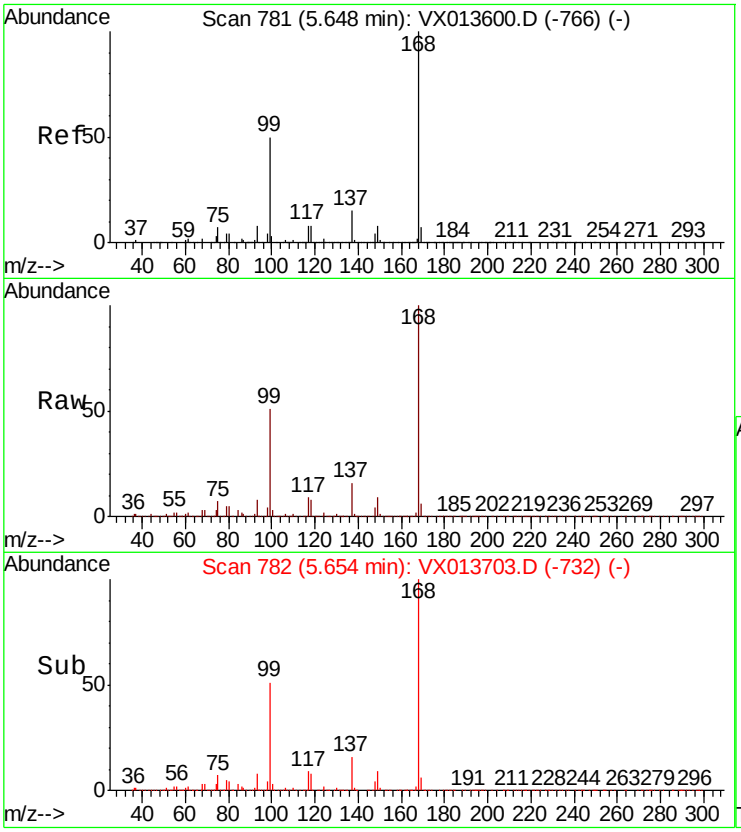
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112919\
Data File : VX013703.D
Acq On : 29 Nov 2019 16:00
Operator : JC/SP
Sample : K5965-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Quant Time: Nov 29 22:29:18 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



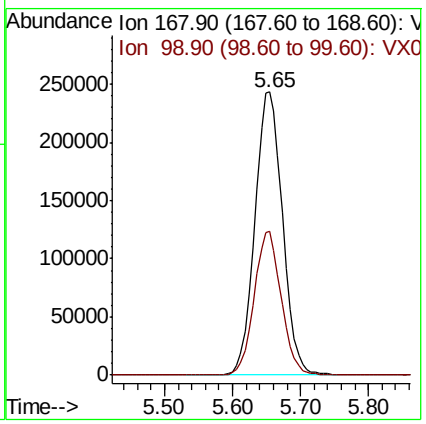


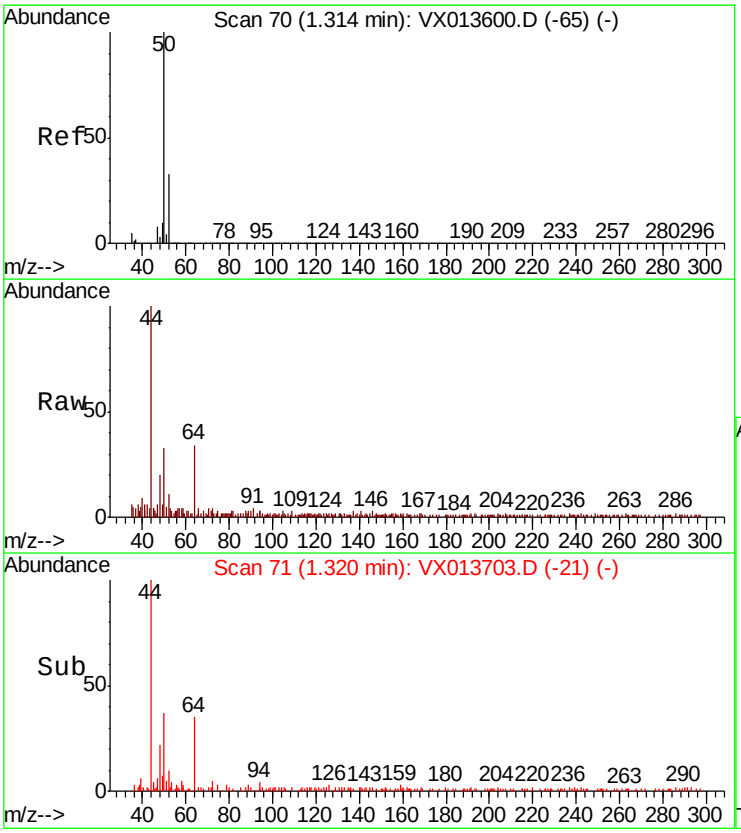
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:168 Resp: 689627

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.8	59.8

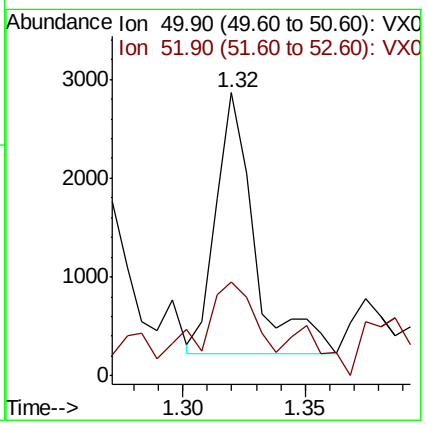


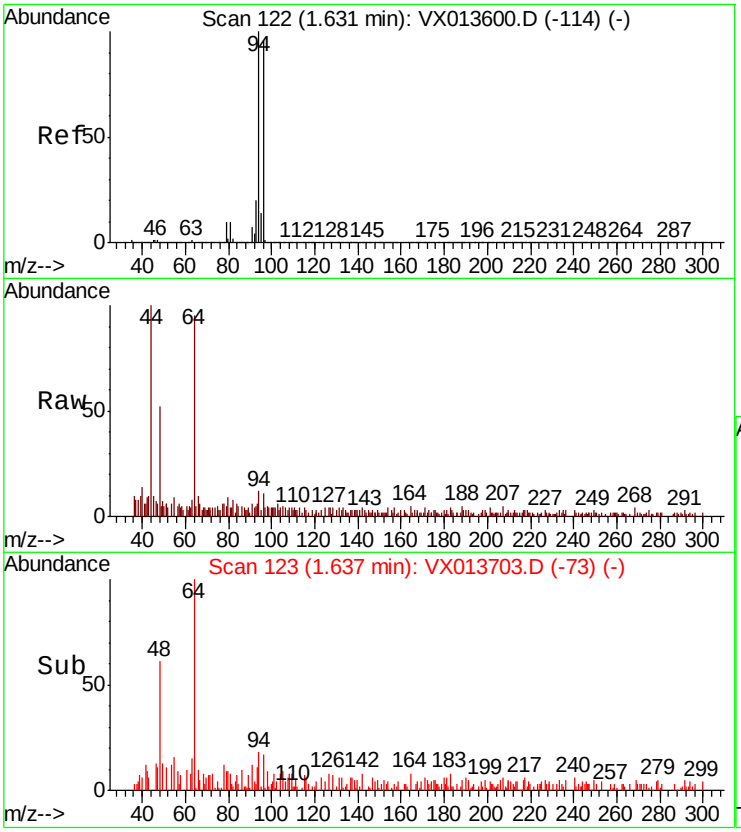


#3
Chloromethane
Concen: 0.334 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 50 Resp: 2880

Ion	Ratio	Lower	Upper
50	100		
52	26.7	26.0	39.0



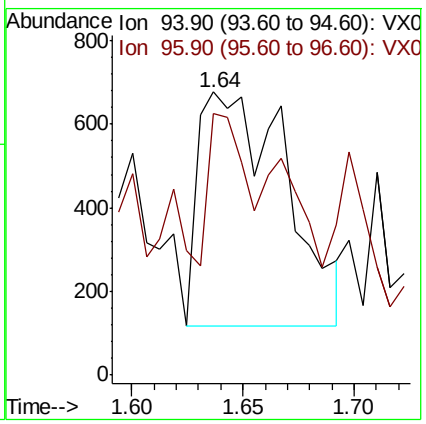


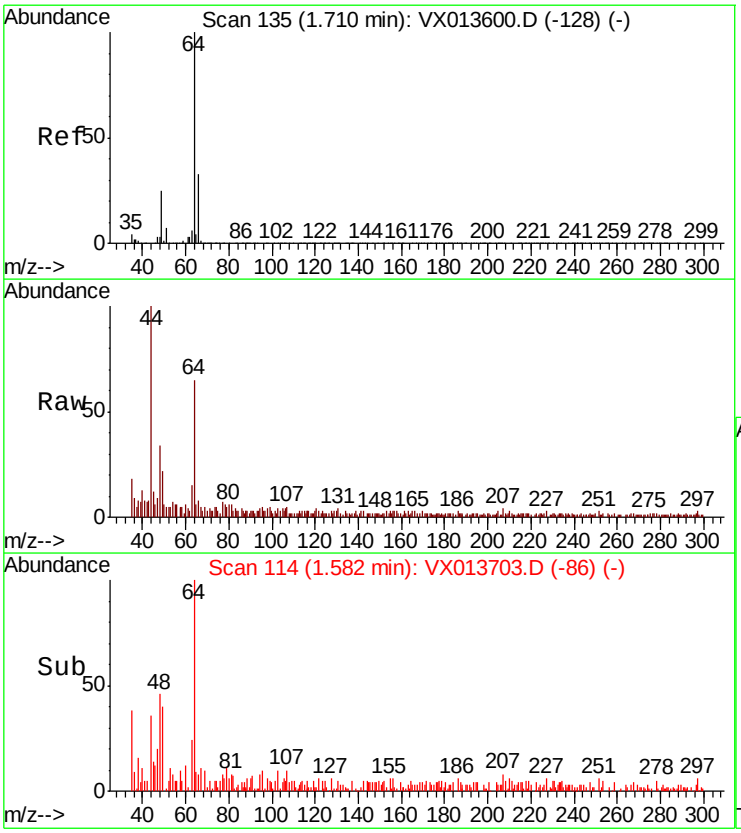
#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 94 Resp: 1531

Ion	Ratio	Lower	Upper
94	100		
96	58.2	77.0	115.4#

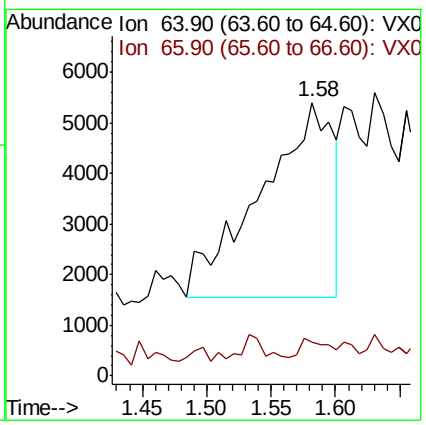


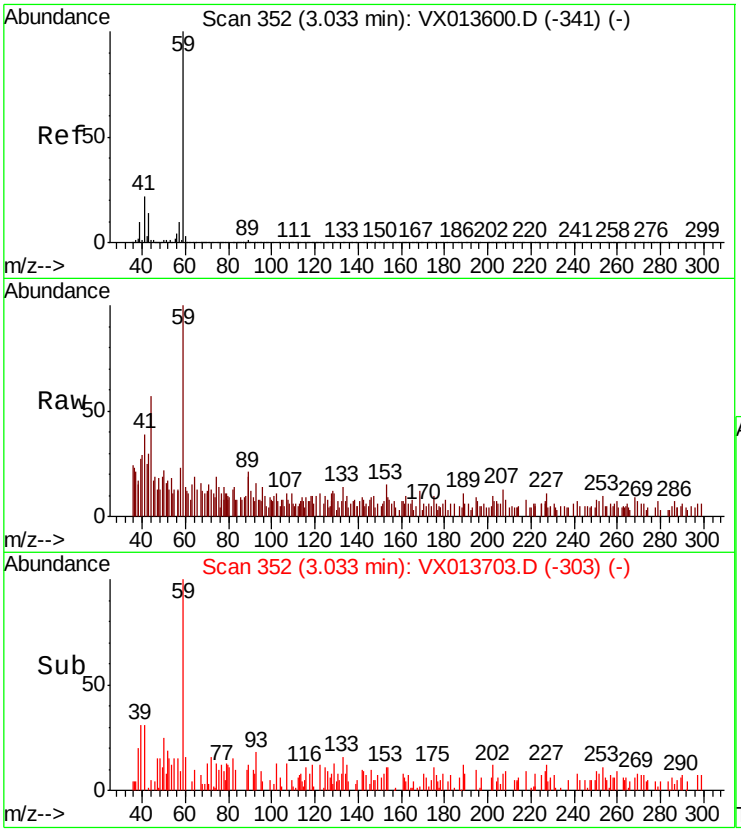


#6
Chloroethane
Concen: 2.722 ug/l
RT: 1.58 min Scan# 114
Delta R.T. -0.13 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 64 Resp: 15017

Ion	Ratio	Lower	Upper
64	100		
66	8.3	26.7	40.1#



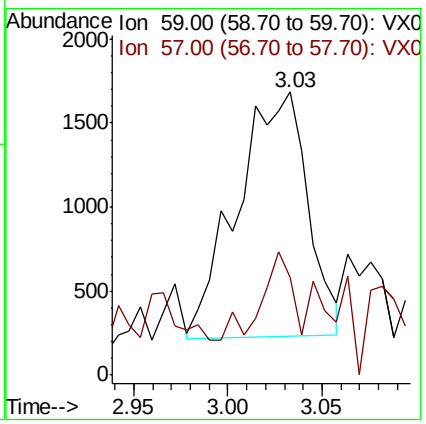


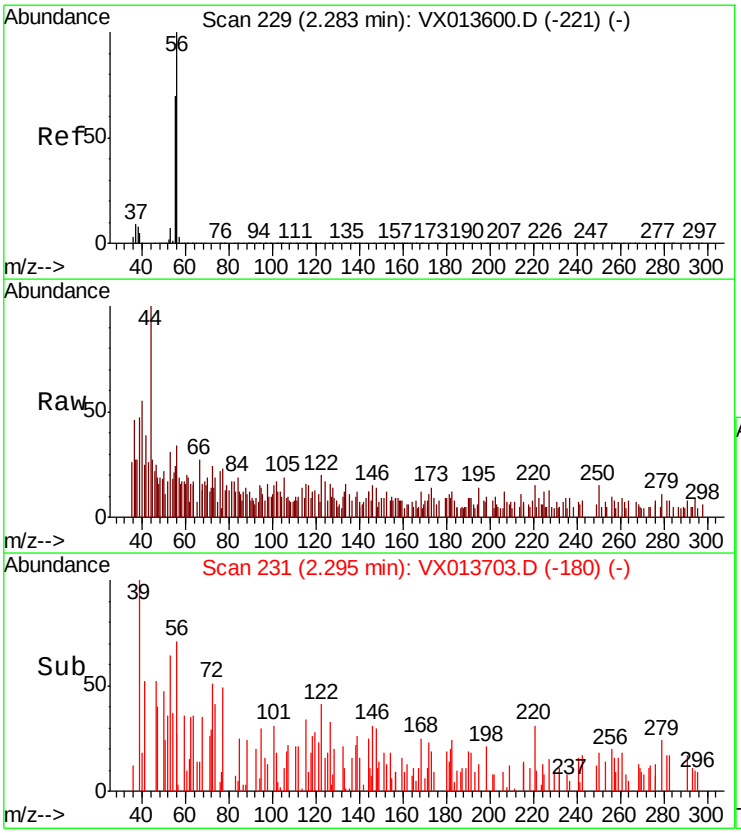
#11
Tert butyl alcohol
Concen: 1.912 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 59 Resp: 3777

Ion	Ratio	Lower	Upper
59	100		
57	15.2	7.8	11.6#

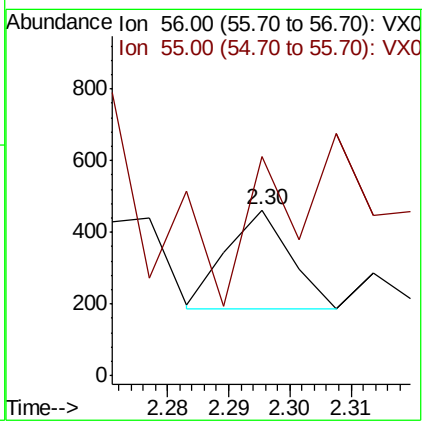


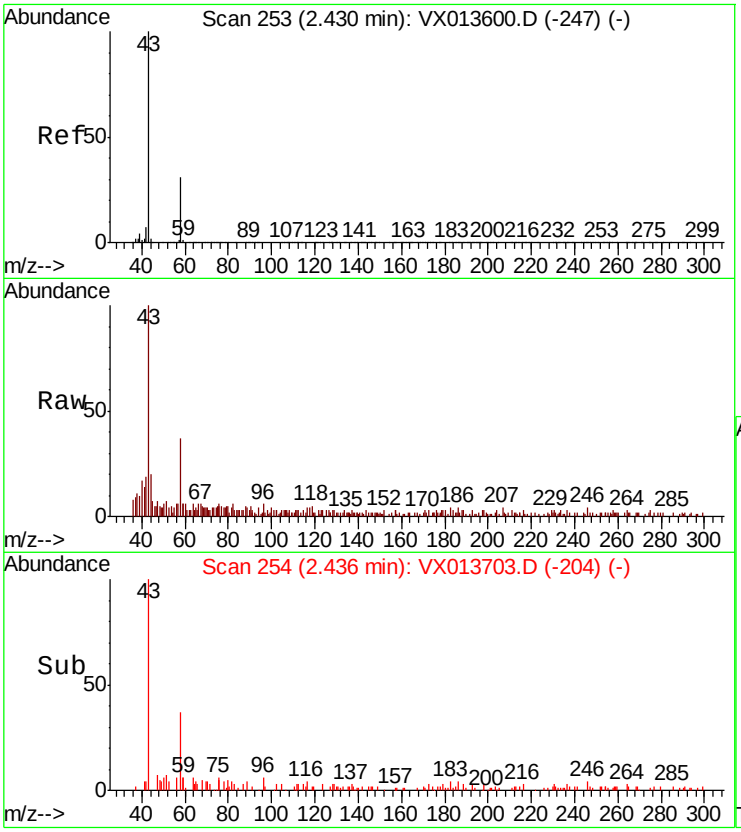


#13
Acrolein
Concen: 6.152 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 56 Resp: 201

Ion	Ratio	Lower	Upper
56	100		
55	351.7	56.2	84.4#



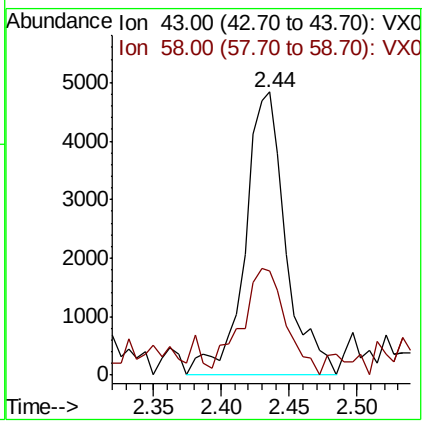


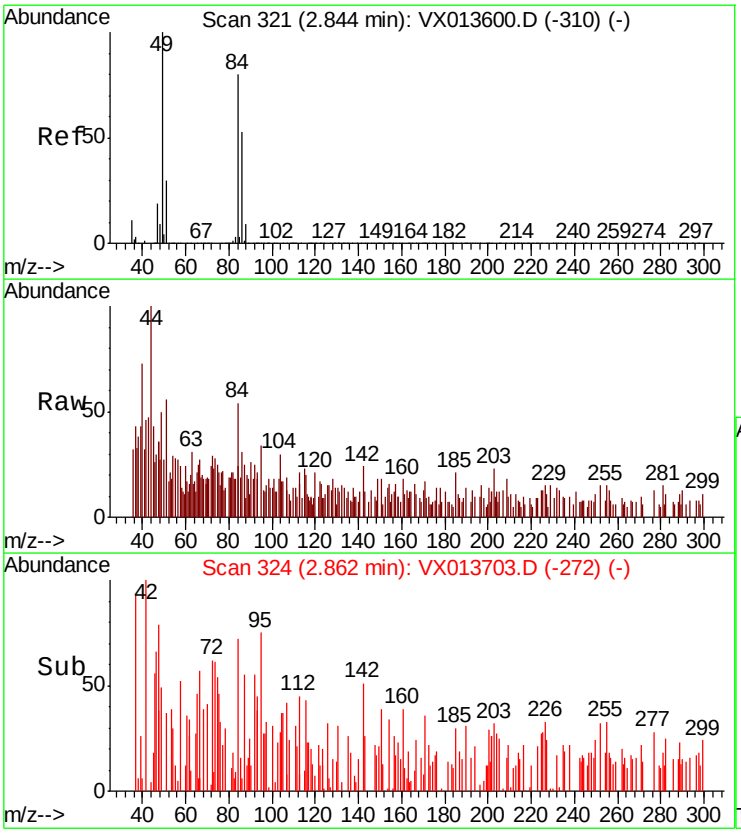
#16
Acetone
Concen: 2.570 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : S39-0189

Tgt Ion: 43 Resp: 10158

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.6	36.8

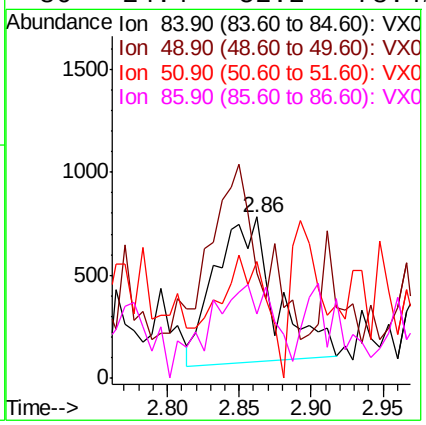


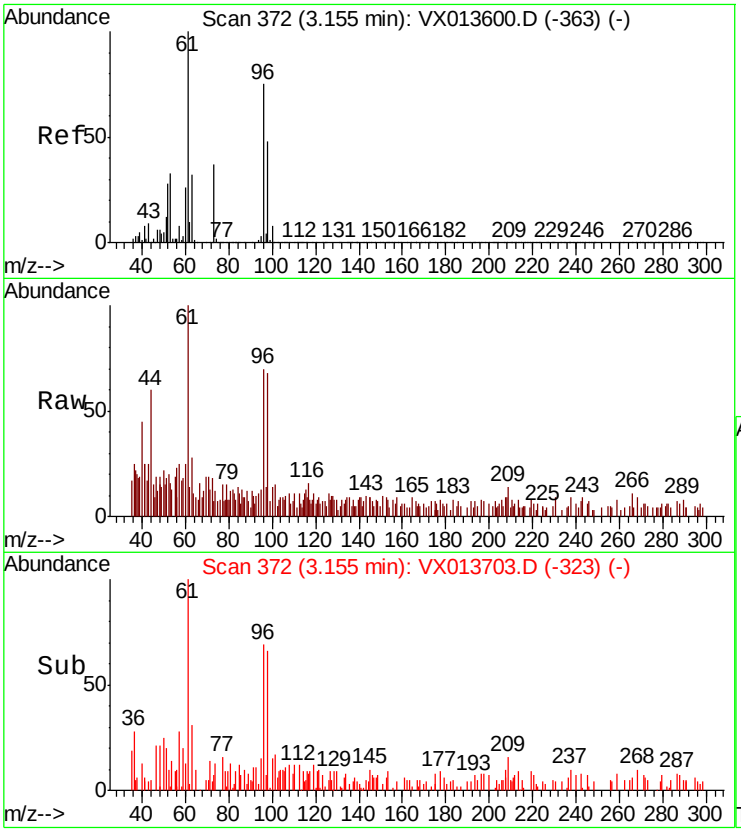


#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 2.86 min Scan# 324
Delta R.T. 0.02 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 84 Resp: 2048

Ion	Ratio	Lower	Upper
84	100		
49	25.3	99.7	149.5#
51	47.9	29.9	44.9#
86	24.4	52.2	78.4#



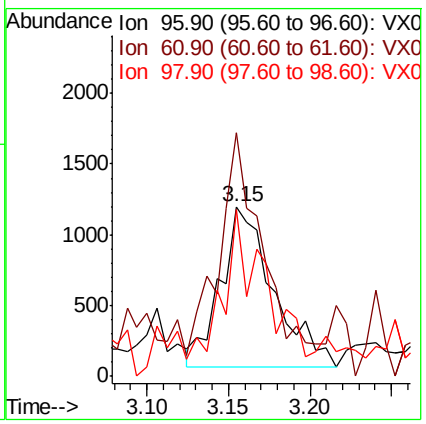


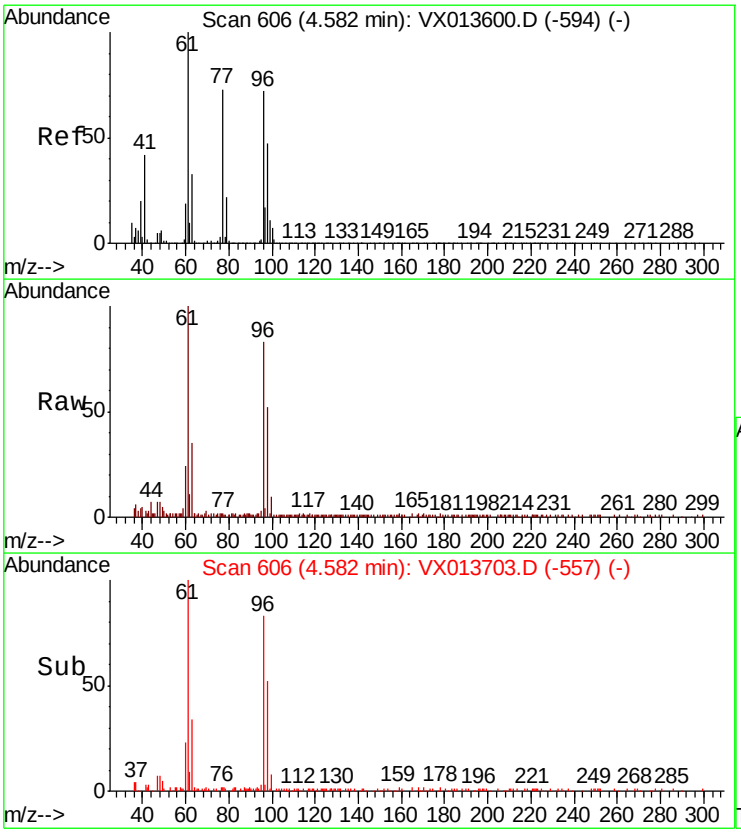
#21
trans-1,2-Dichloroethene
Concen: 0.359 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 96 Resp: 2569

Ion	Ratio	Lower	Upper
96	100		
61	147.6	107.2	160.8
98	98.4	51.4	77.0#

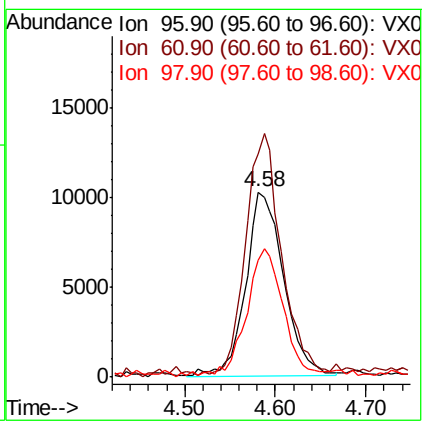


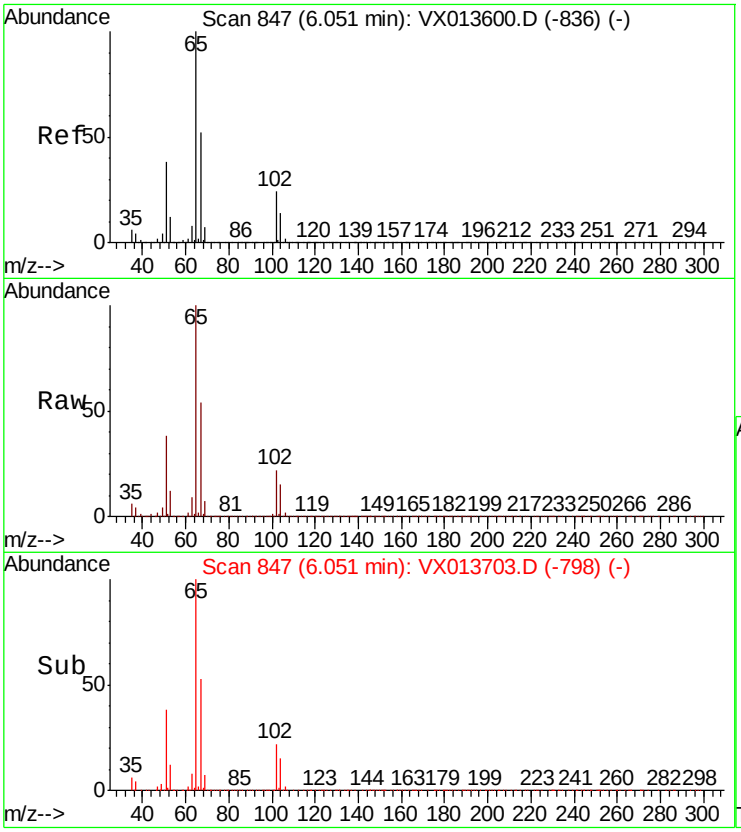


#27
cis-1,2-Dichloroethene
Concen: 3.609 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 96 Resp: 29634

Ion	Ratio	Lower	Upper
96	100		
61	124.4	0.0	286.4
98	66.1	0.0	127.4



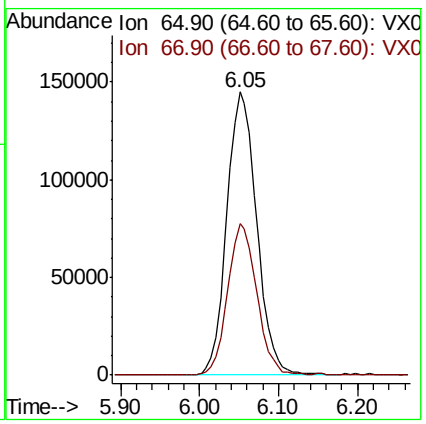


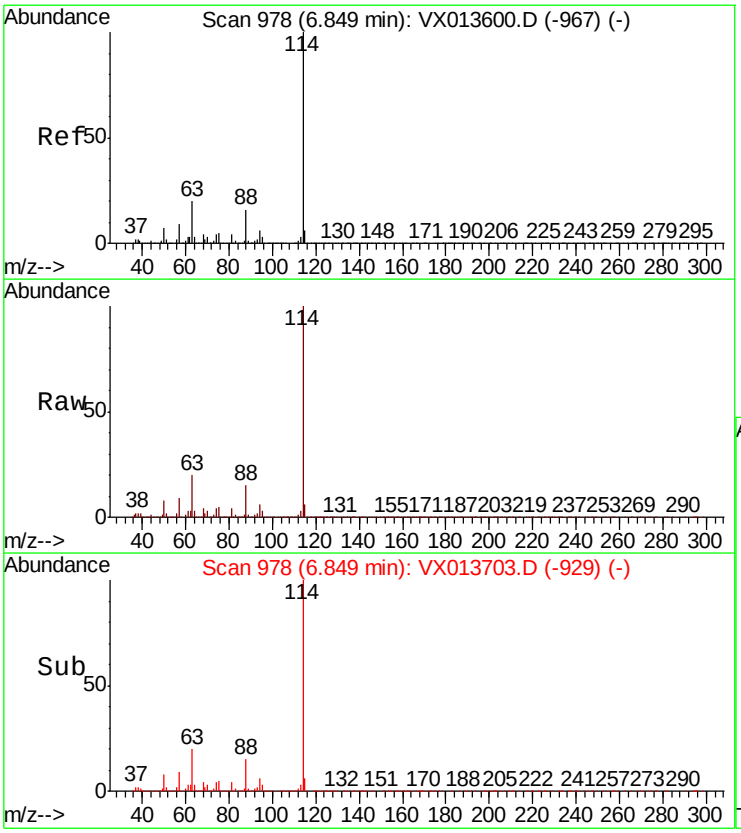
#33
1,2-Dichloroethane-d4
Concen: 47.554 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 65 Resp: 380672

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

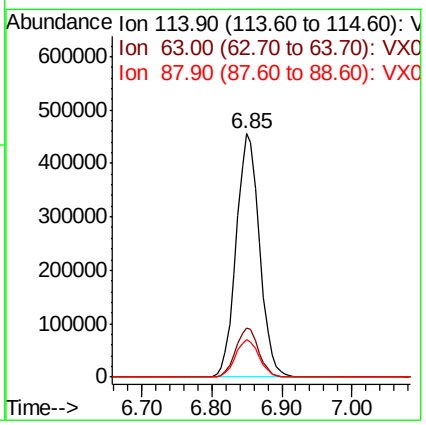


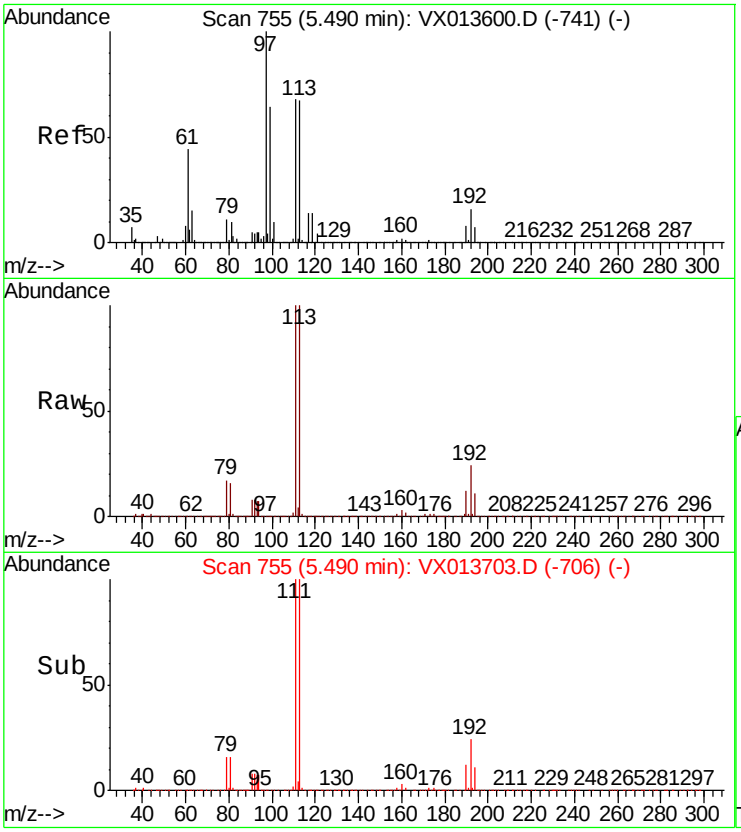


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:114 Resp: 1057116

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



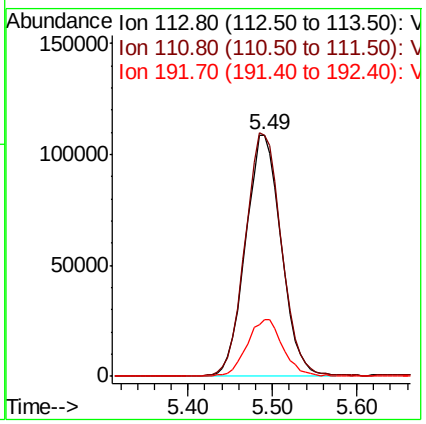


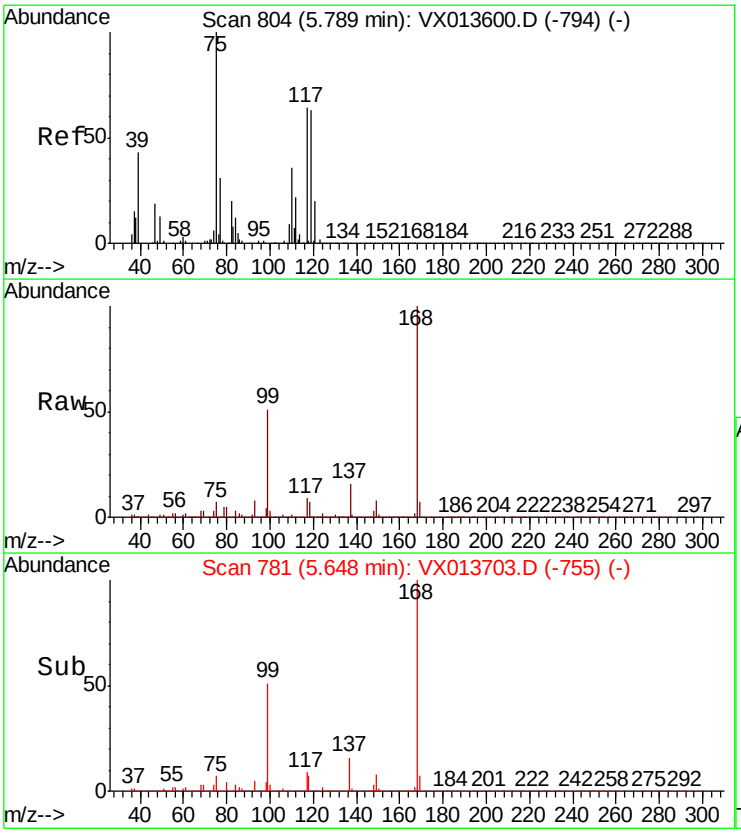
#35
Dibromofluoromethane
Concen: 47.762 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:113 Resp: 312138

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	23.9	19.2	28.8

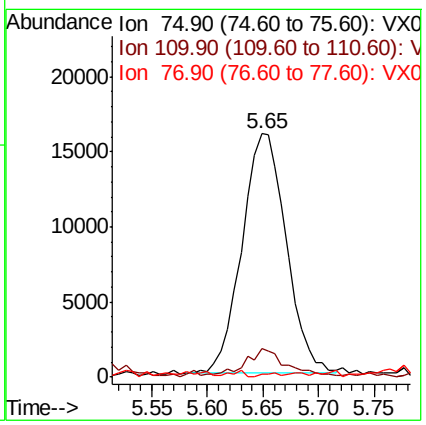


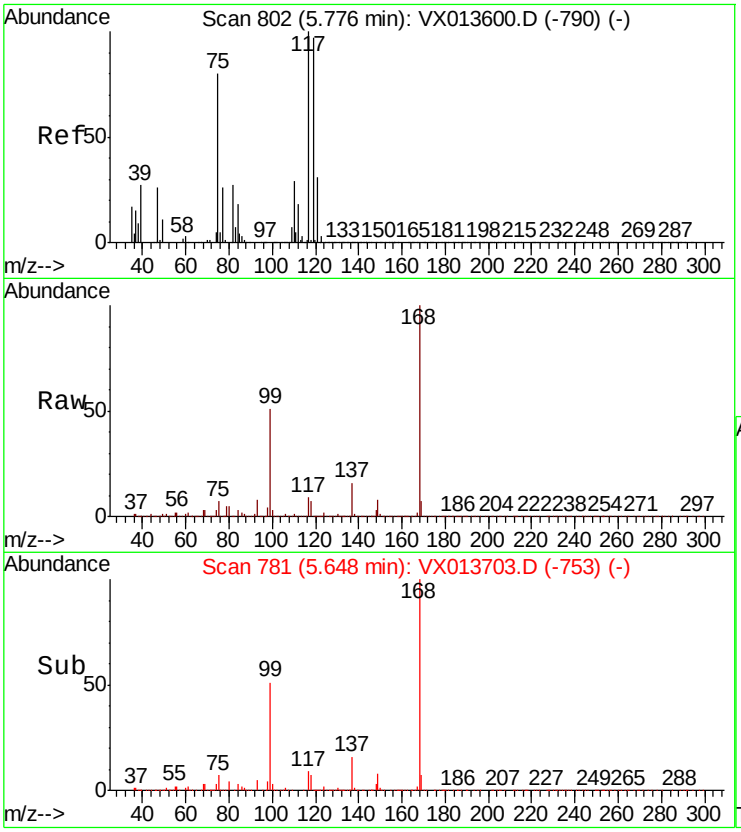


#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 75 Resp: 44272

Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.1#
77	0.7	24.5	36.7#



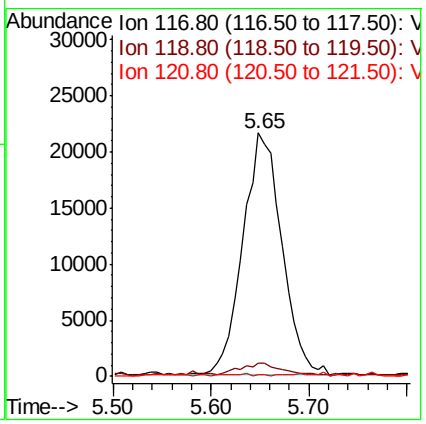


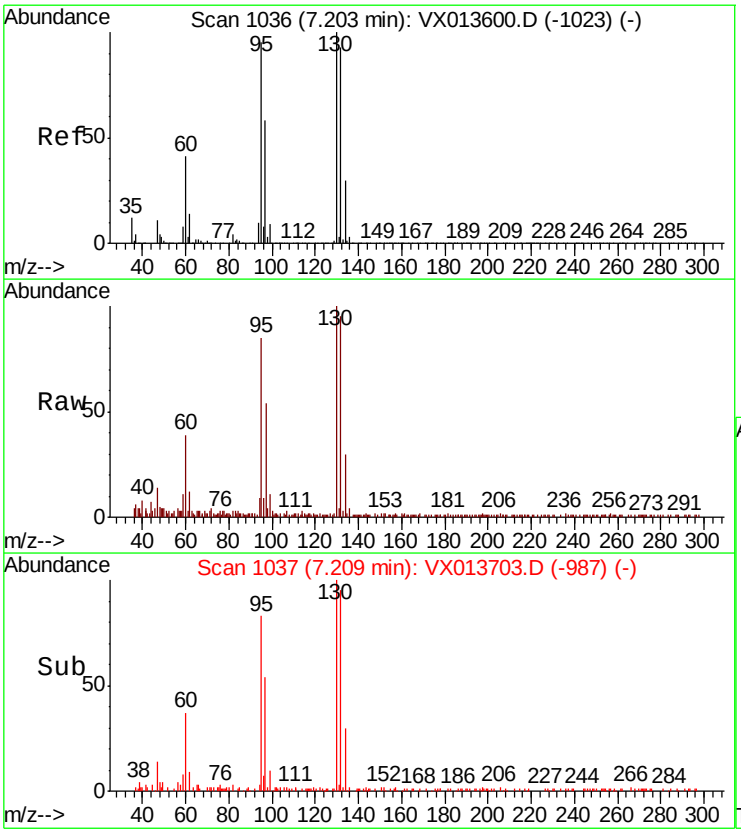
#38
Carbon Tetrachloride
Concen: 6.743 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : S39-0189

Tgt Ion:117 Resp: 59668

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.5	116.3#
121	0.0	25.0	37.6#

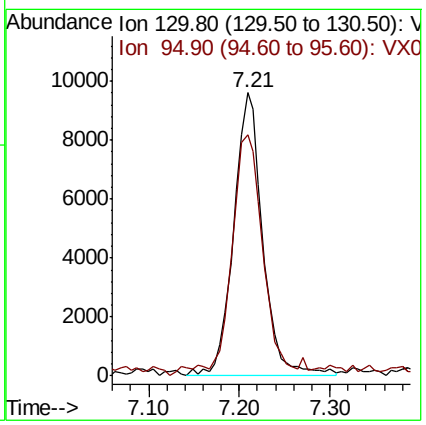


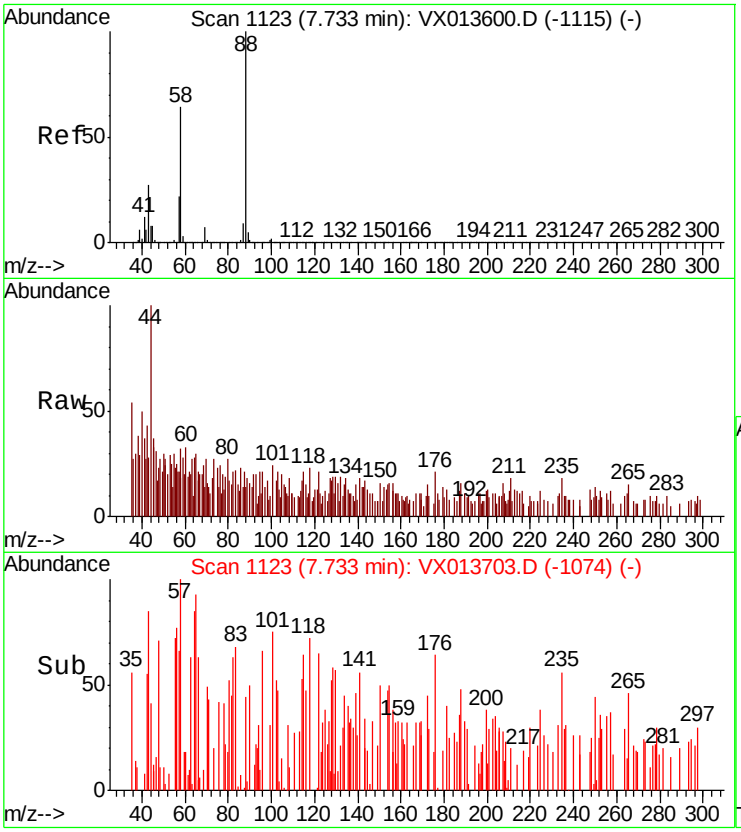


#44
Trichloroethene
Concen: 2.671 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:130 Resp: 21421

Ion	Ratio	Lower	Upper
130	100		
95	82.3	0.0	190.8



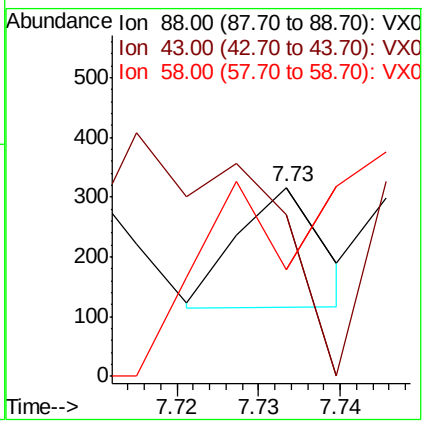


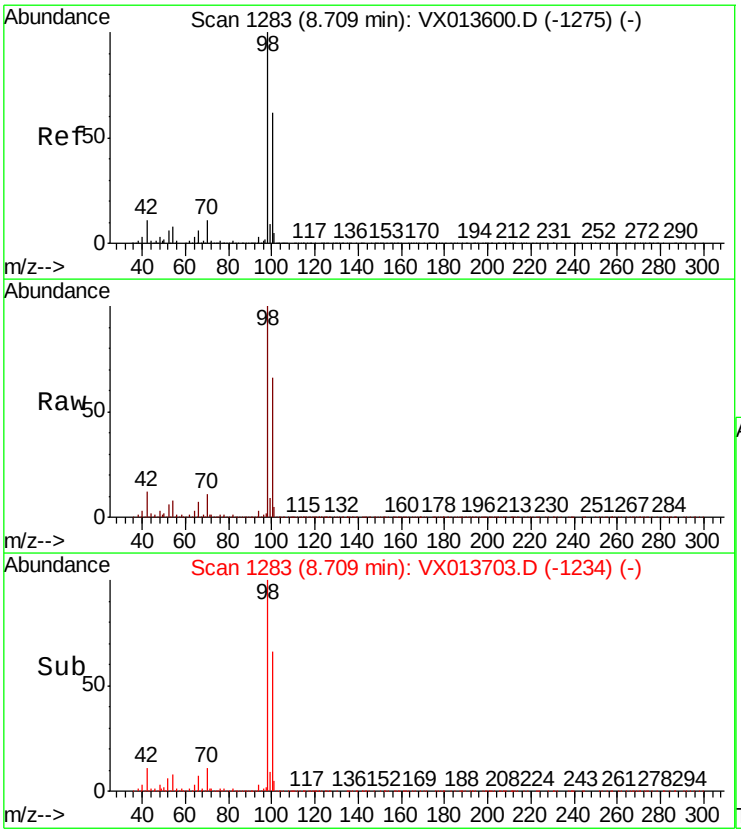
#49
1,4-Dioxane
Concen: 0.752 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 88 Resp: 145

Ion	Ratio	Lower	Upper
88	100		
43	164.8	25.8	38.6#
58	432.4	54.6	82.0#

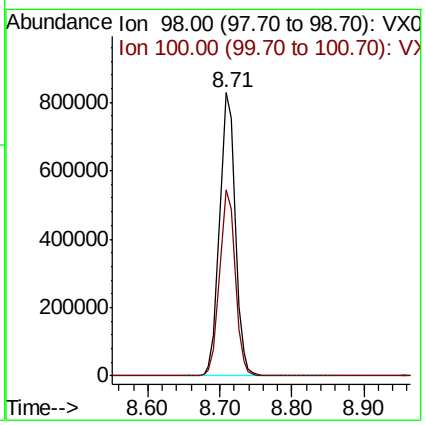


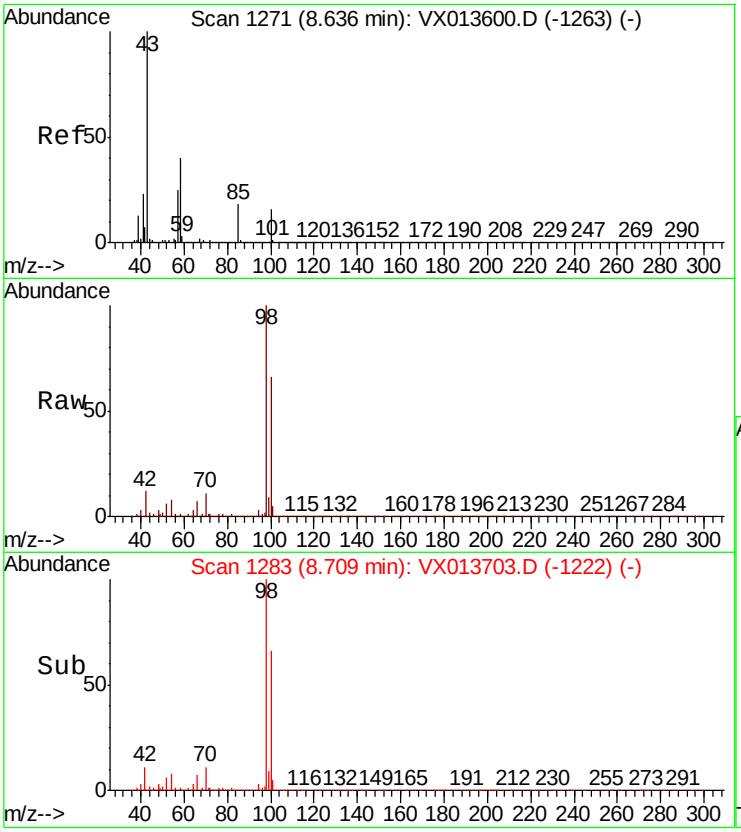


#50
Toluene-d8
Concen: 49.563 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 98 Resp: 1261976

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7



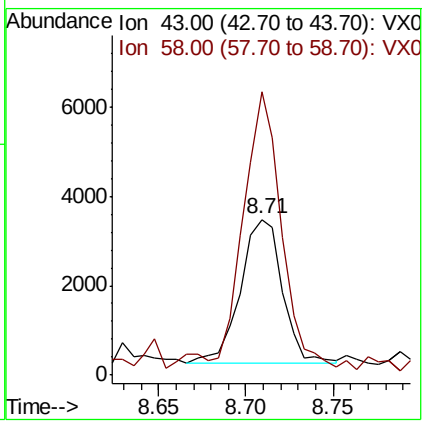


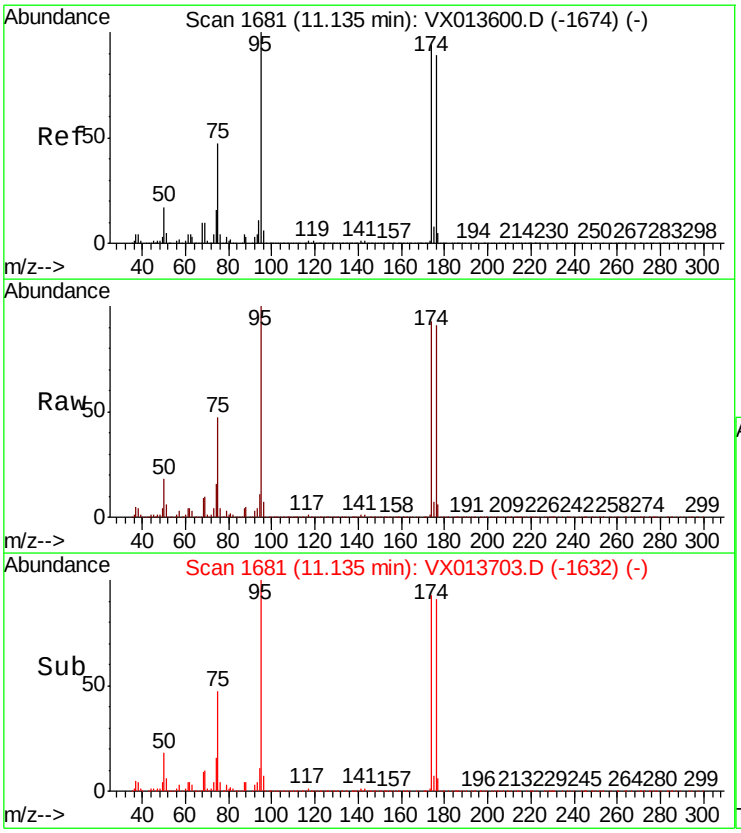
#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : S39-0189

Tgt Ion: 43 Resp: 5429

Ion	Ratio	Lower	Upper
43	100		
58	172.2	32.1	48.1#

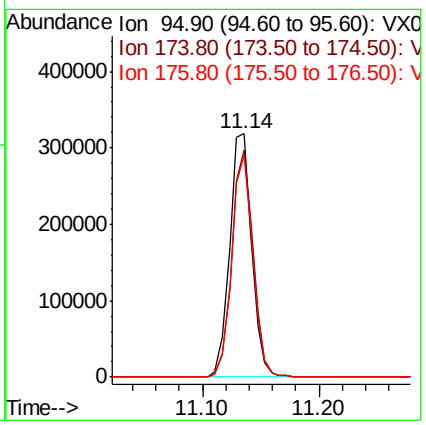


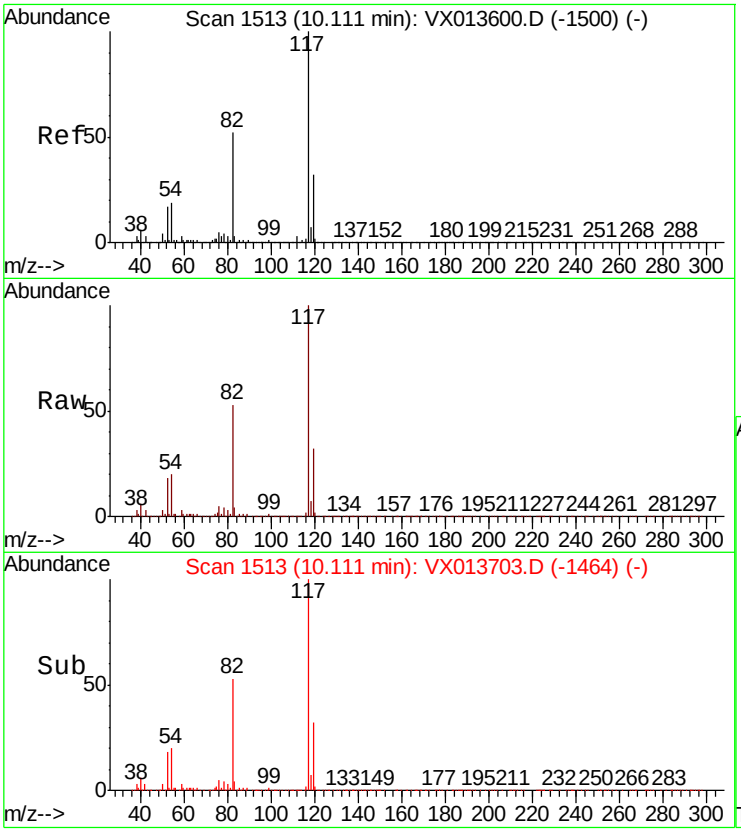


#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 95 Resp: 421123

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	180.0
176	87.4	0.0	173.6



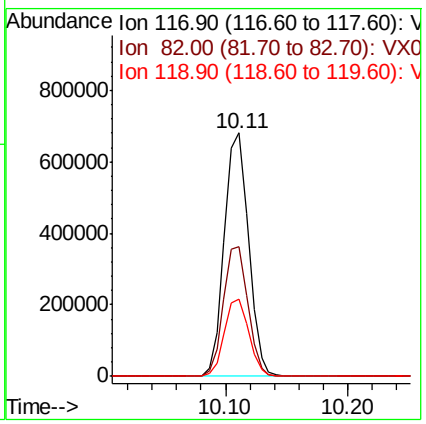


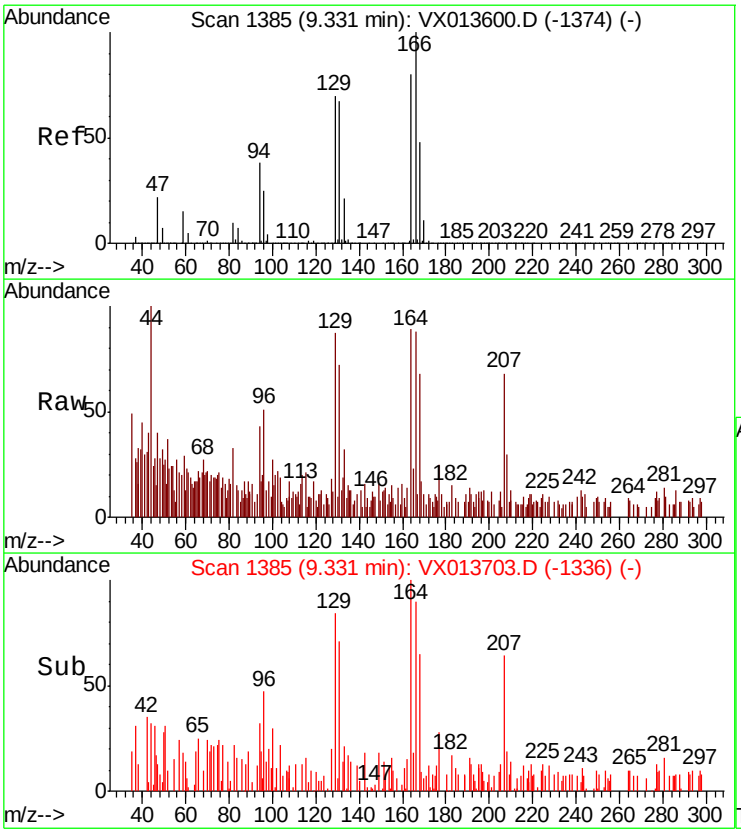
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:117 Resp: 937228

Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.8
119	31.9	25.8	38.8

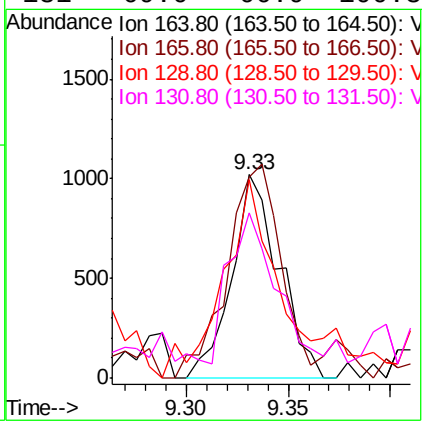


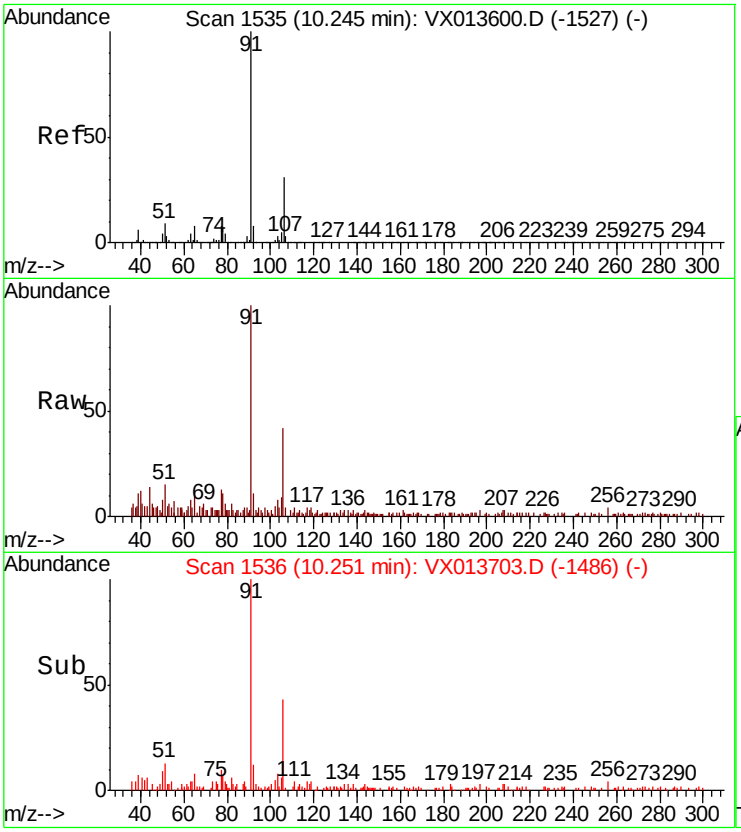


#64
Tetrachloroethene
Concen: 0.234 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:164 Resp: 1636

Ion	Ratio	Lower	Upper
164	100		
166	86.9	99.7	149.5#
129	90.4	70.1	105.1
131	69.0	66.9	100.3



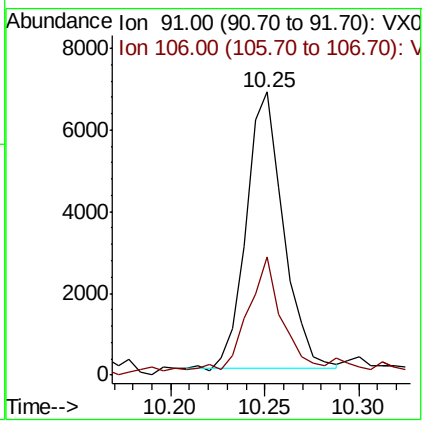


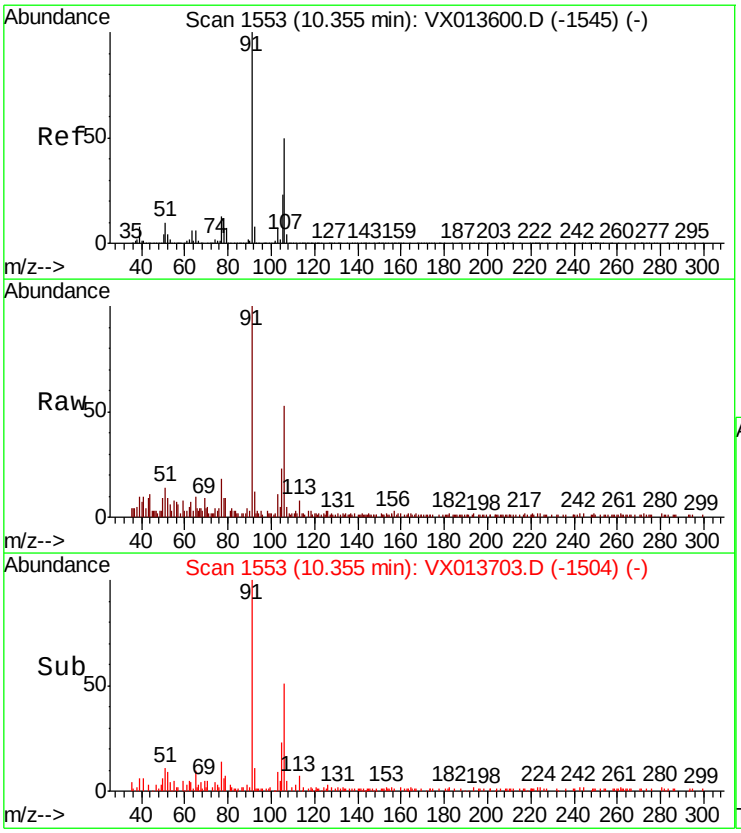
#67
Ethyl Benzene
Concen: 0.274 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : S39-0189

Tgt Ion: 91 Resp: 9162

Ion	Ratio	Lower	Upper
91	100		
106	41.2	24.5	36.7#

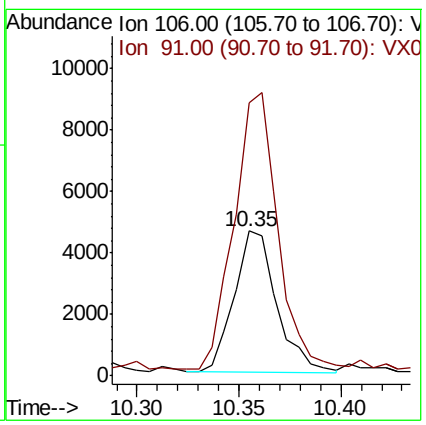


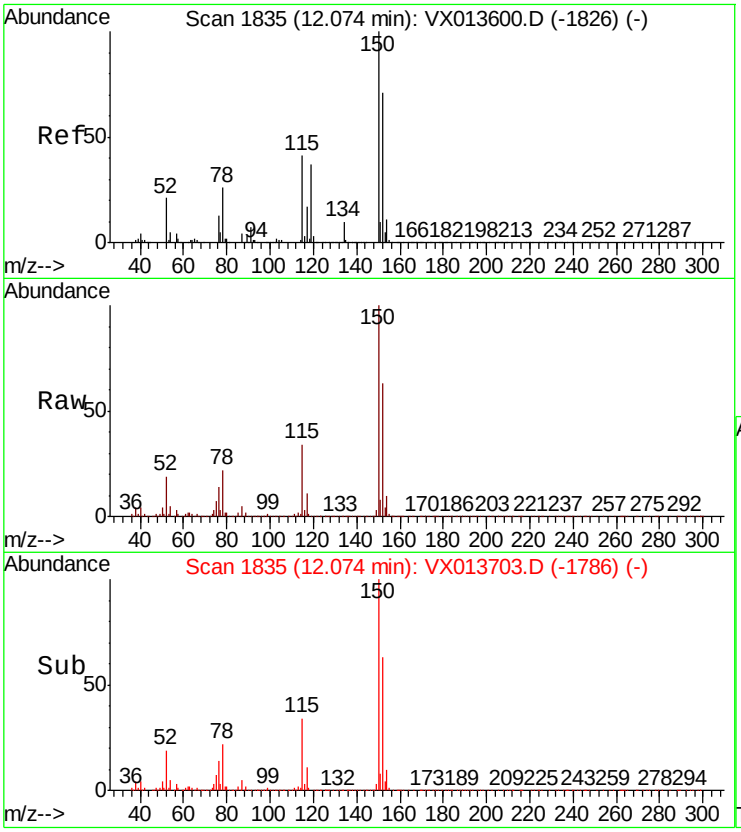


#68
m/p-Xylenes
Concen: 0.516 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:106 Resp: 6612

Ion	Ratio	Lower	Upper
106	100		
91	203.0	159.0	238.4



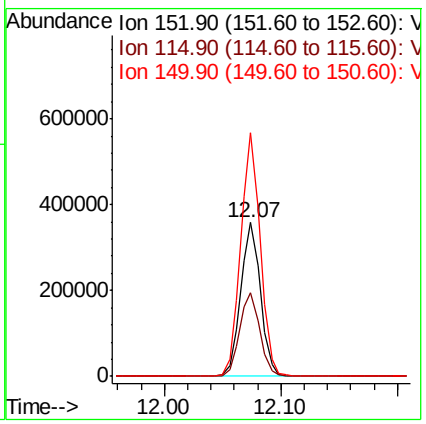


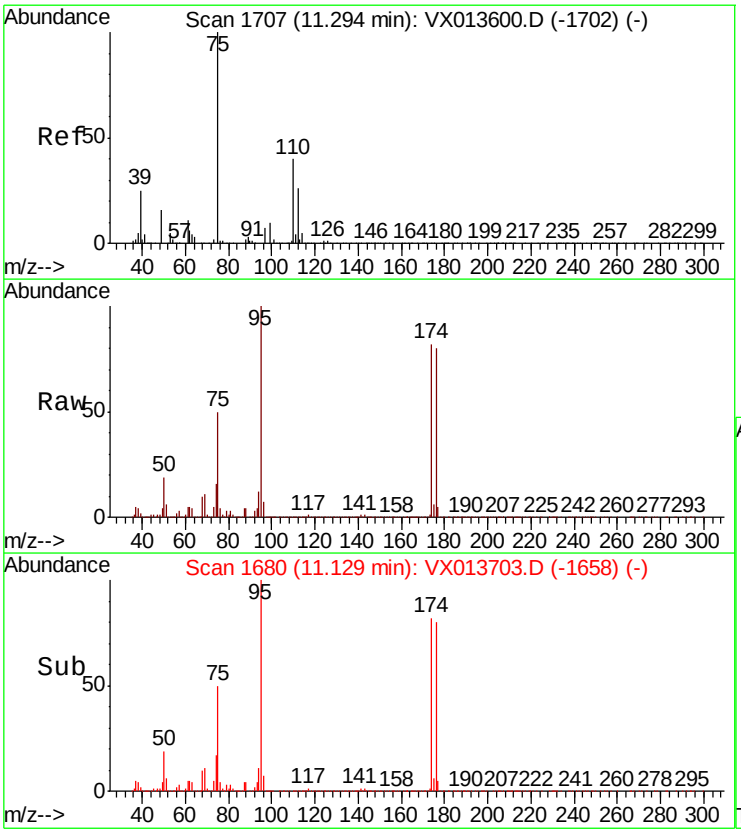
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:152 Resp: 423941

Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	157.0	0.0	346.8

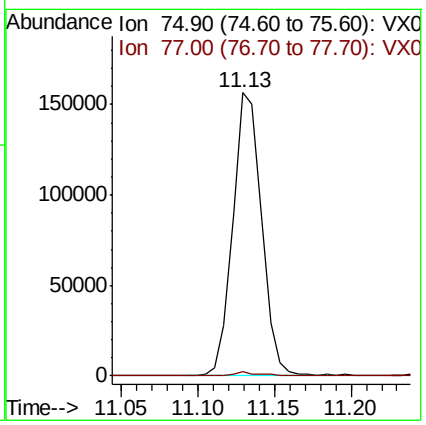


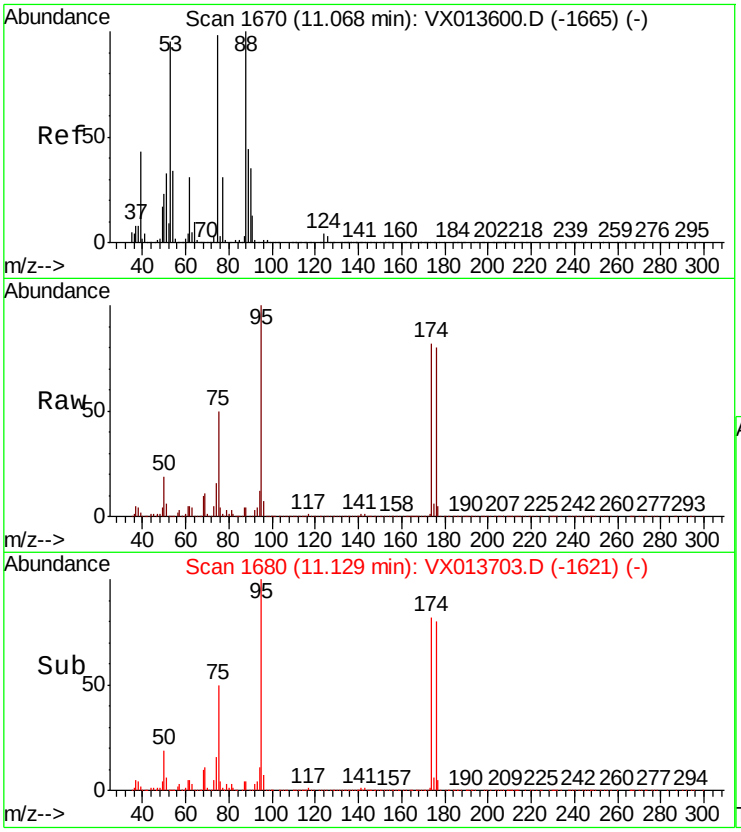


#76
1,2,3-Trichloropropane
Concen: 21.356 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion: 75 Resp: 203634

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#



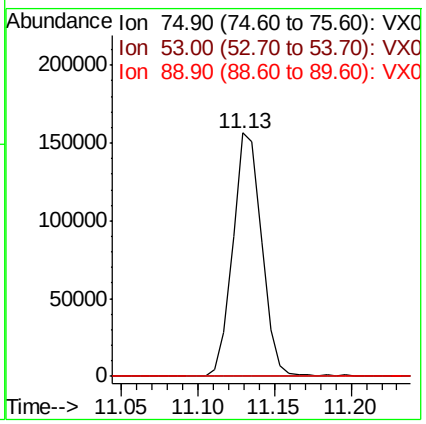


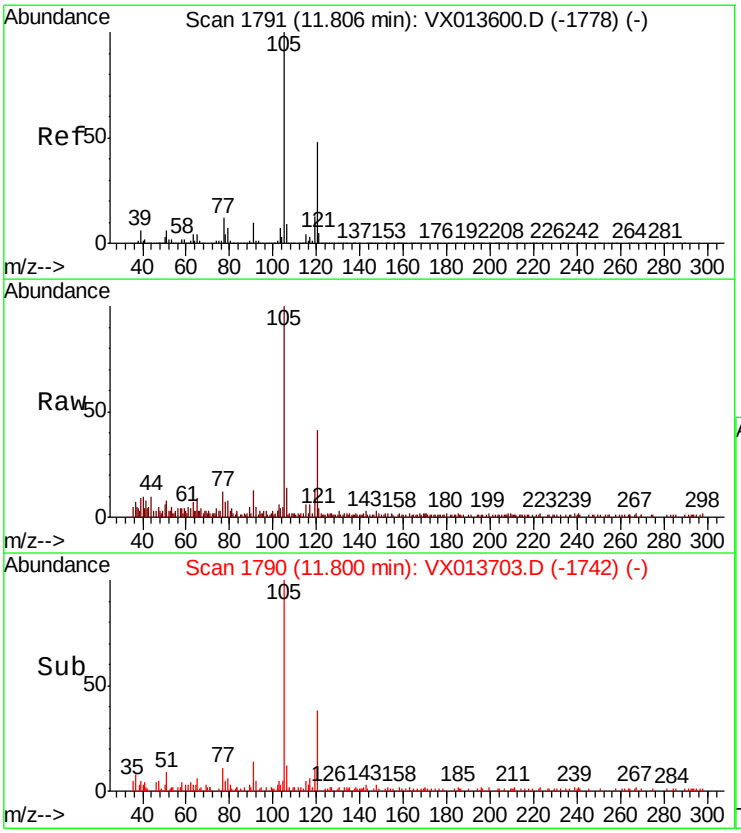
#81
trans-1,4-Dichloro-2-butene
Concen: 58.426 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion: 75 Resp: 203634

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

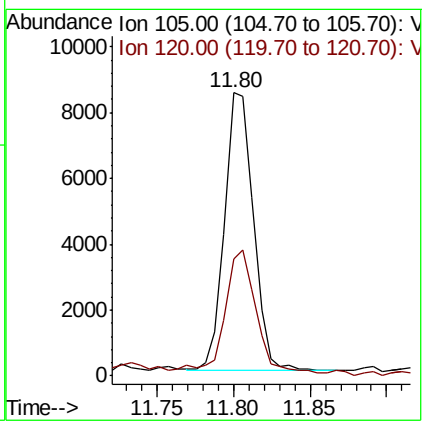


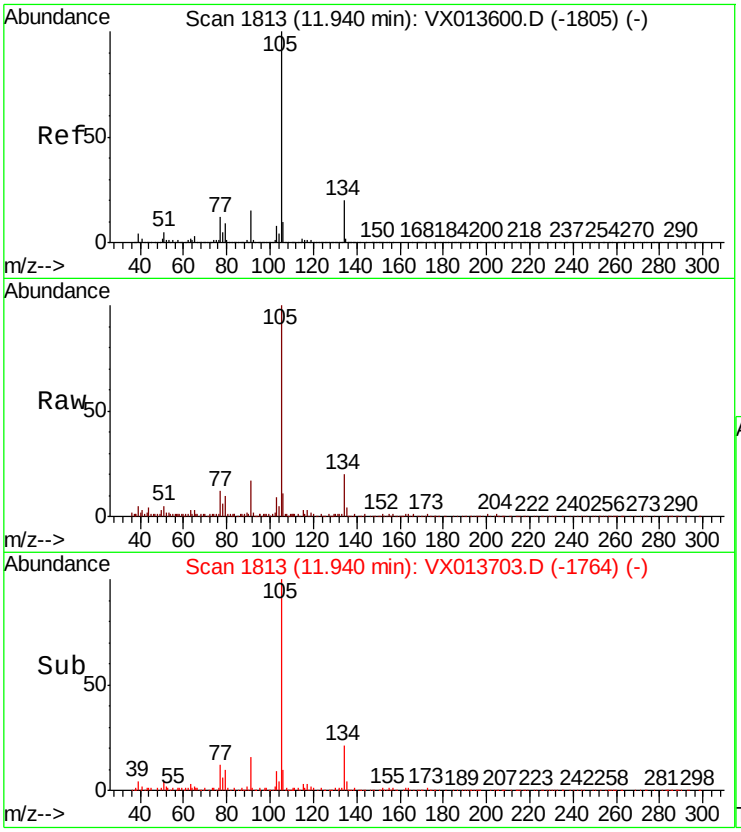


#84
1,2,4-Trimethylbenzene
Concen: 0.447 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:105 Resp: 11047

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.1	69.3



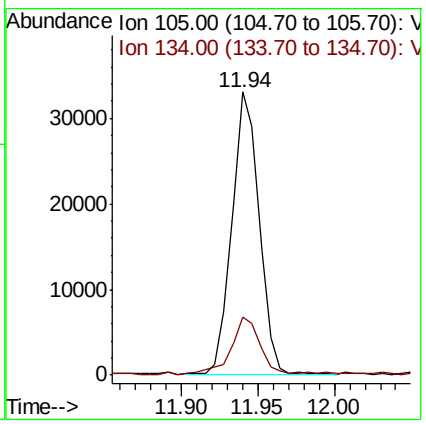


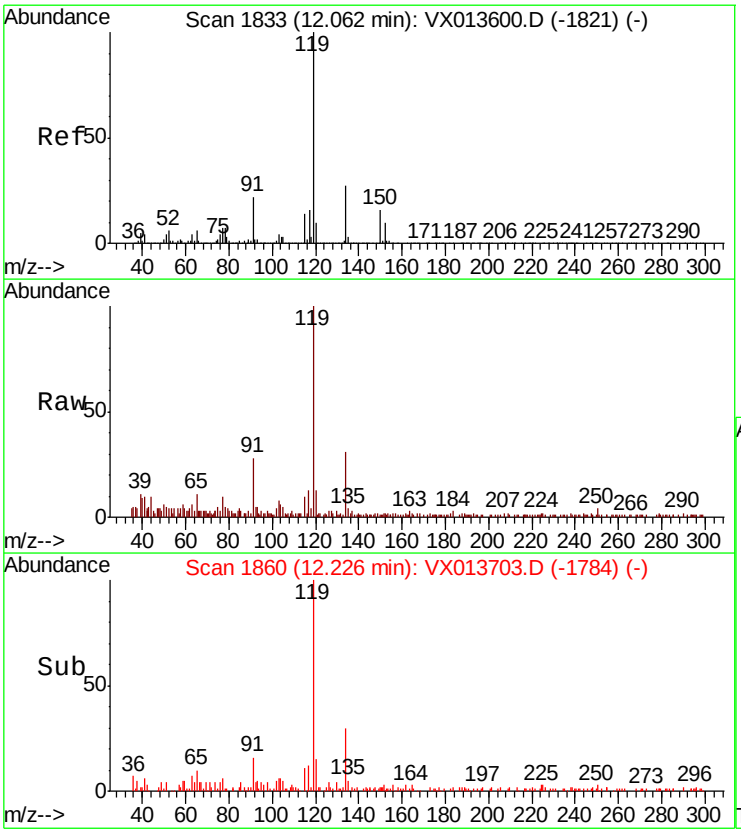
#85
sec-Butylbenzene
Concen: 1.435 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:105 Resp: 40613

Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.2

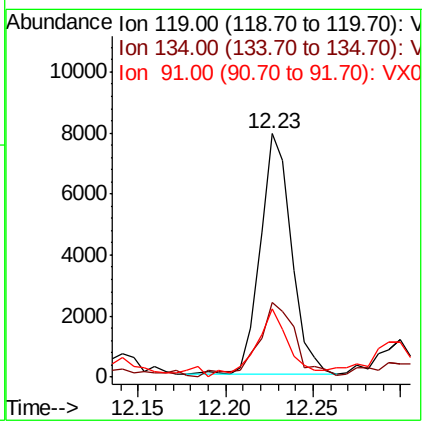


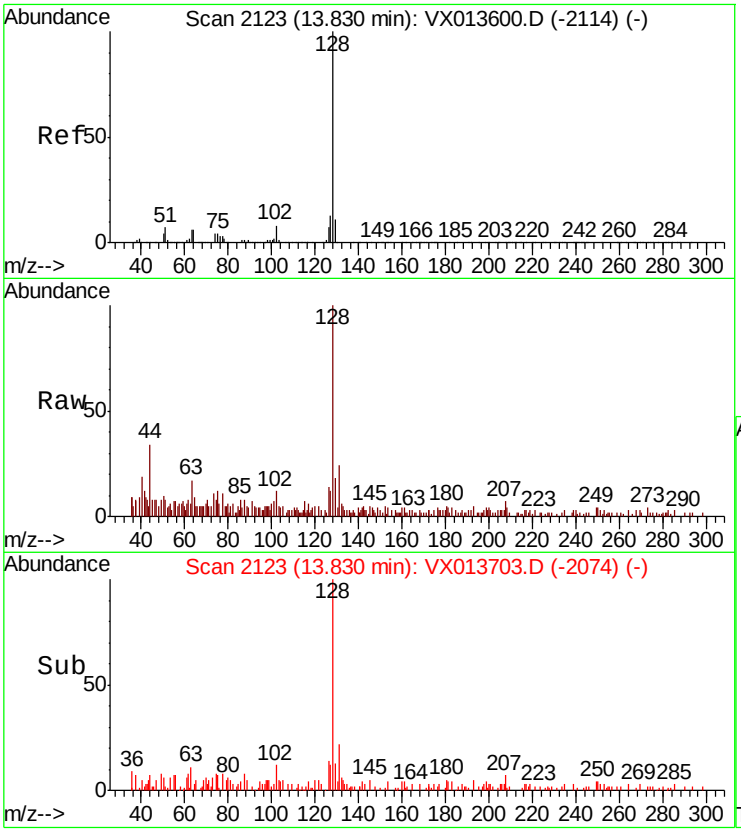


#86
p-Isopropyltoluene
Concen: 0.373 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Tgt Ion:119 Resp: 9809

Ion	Ratio	Lower	Upper
119	100		
134	37.7	13.3	39.9
91	30.7	11.3	33.8





#95
Naphthalene
Concen: 0.236 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013703.D
Acq: 29 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
S39-0189

Tgt Ion:128 Resp: 6777

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	9.7	8.7	13.1