Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
Data File : VX012612.D
Acq On : 23 Sep 2019 18:17
Operator : JC/SP
Sample : K4978-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Quant Time: Sep 24 01:53:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	171026	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	291274	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	240074	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85996	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	123687	49.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.32%				
35) Dibromofluoromethane	5.49	113	88792	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
50) Toluene-d8	8.71	98	344979	51.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.28%				
62) 4-Bromofluorobenzene	11.13	95	114110	43.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.88%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	578	0.669	ug/l	#	53
6) Chloroethane	1.73	64	500	0.338	ug/l	#	45
10) Methyl Iodide	2.50	142	340	5.108	ug/l	#	62
11) Tert butyl alcohol	3.03	59	880	1.414	ug/l	#	81
13) Acrolein	2.29	56	65	10.413	ug/l	#	15
16) Acetone	2.43	43	1379	1.045	ug/l	#	80
17) Carbon Disulfide	2.57	76	1095	0.212	ug/l	#	91
31) Cyclohexane	5.65	56	4111	1.186	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	15216	5.420	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	19121	6.704	ug/l	#	17
43) Isopropyl Acetate	6.35	43	3846	0.701	ug/l	#	62
51) 4-Methyl-2-Pentanone	8.68	43	693	0.205	ug/l	#	38
55) 1,1,2-Trichloroethane	9.15	97	3676	1.781	ug/l	#	19
56) Ethyl methacrylate	9.16	69	1040	0.300	ug/l	#	1
59) 2-Hexanone	9.44	43	1555	0.600	ug/l	#	26
67) Ethyl Benzene	10.25	91	35206	3.840	ug/l		99
73) Isopropylbenzene	11.01	105	29162	4.164	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.28	83	1276	0.550	ug/l	#	32
76) 1,2,3-Trichloropropane	11.13	75	58831	25.862	ug/l	#	38
78) n-propylbenzene	11.35	91	31572	4.004	ug/l		98
79) 2-Chlorotoluene	11.35	91	31572	6.418	ug/l	#	42
80) 1,3,5-Trimethylbenzene	11.67	105	30817	5.247	ug/l		73
81) trans-1,4-Dichloro-2-buten	11.13	75	58831	74.115	ug/l	#	8
82) 4-Chlorotoluene	11.35	91	31572	5.630	ug/l	#	46
83) tert-Butylbenzene	11.77	119	1366	0.241	ug/l		69
84) 1,2,4-Trimethylbenzene	11.67	105	30817	5.201	ug/l		79
85) sec-Butylbenzene	11.94	105	5466	0.829	ug/l		94
86) p-Isopropyltoluene	12.23	119	4035	0.679	ug/l		99
90) Hexachloroethane	12.67	117	832	0.785	ug/l	#	17
95) Naphthalene	13.84	128	1455	0.231	ug/l	#	83

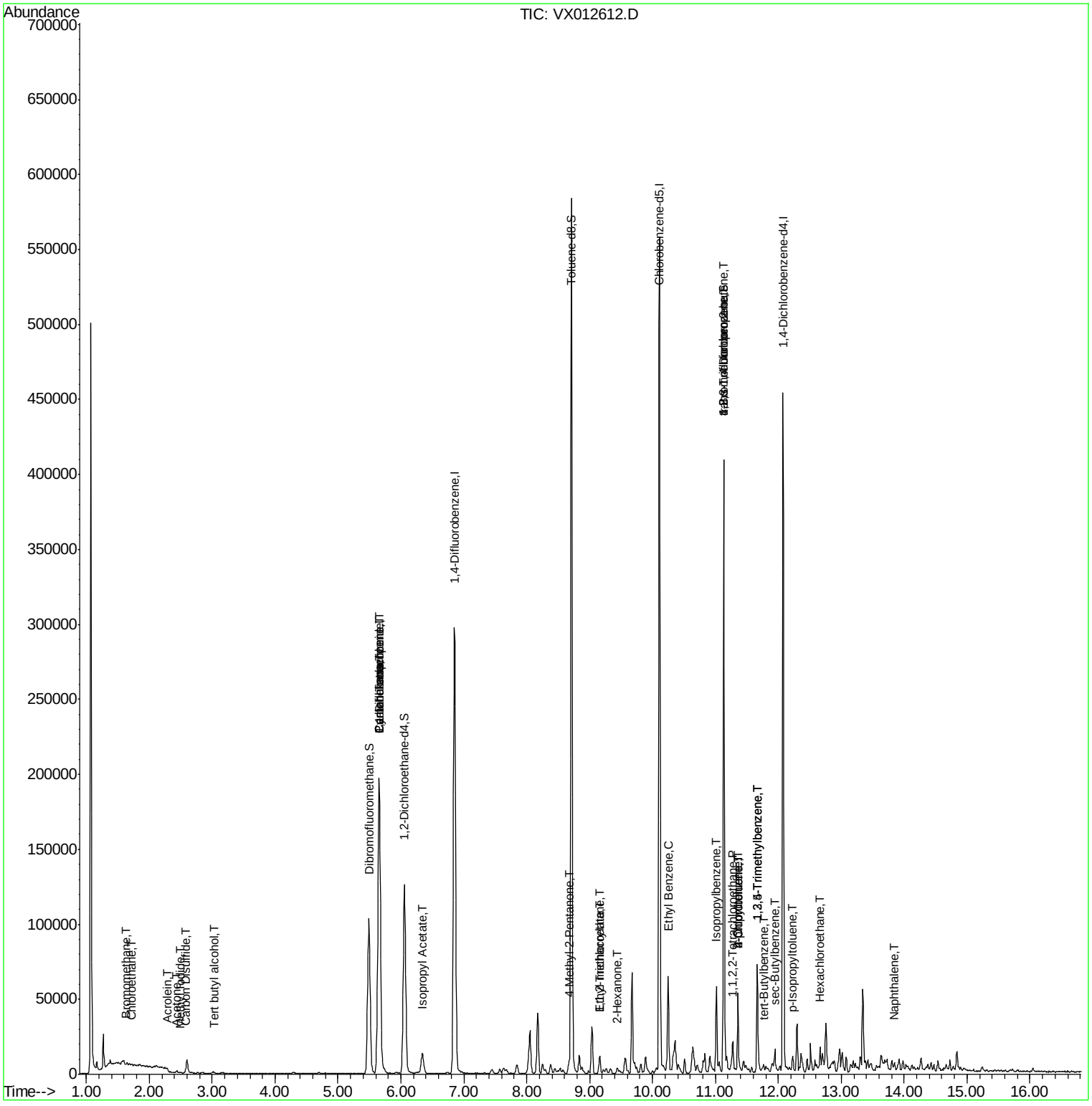
(#) = qualifier out of range (m) = manual integration (+) = signals summed

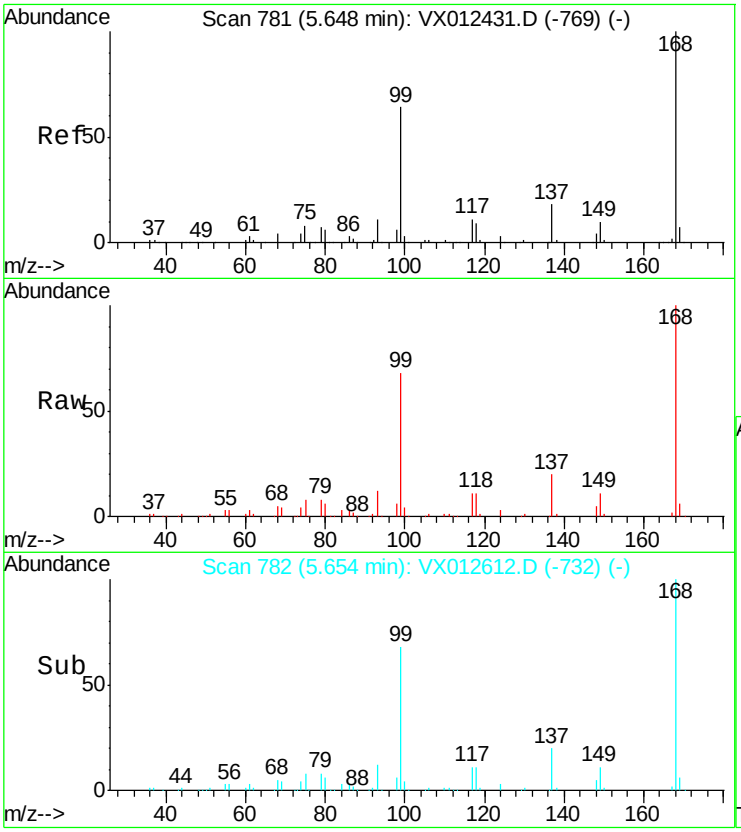
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
Data File : VX012612.D
Acq On : 23 Sep 2019 18:17
Operator : JC/SP
Sample : K4978-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Quant Time: Sep 24 01:53:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



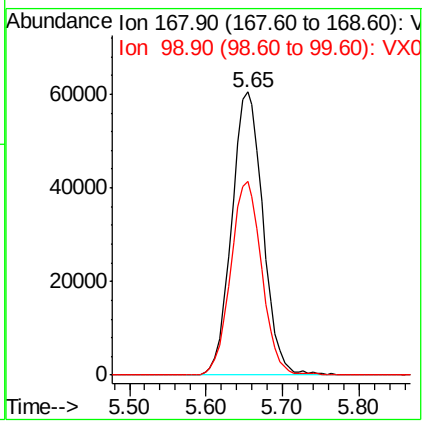


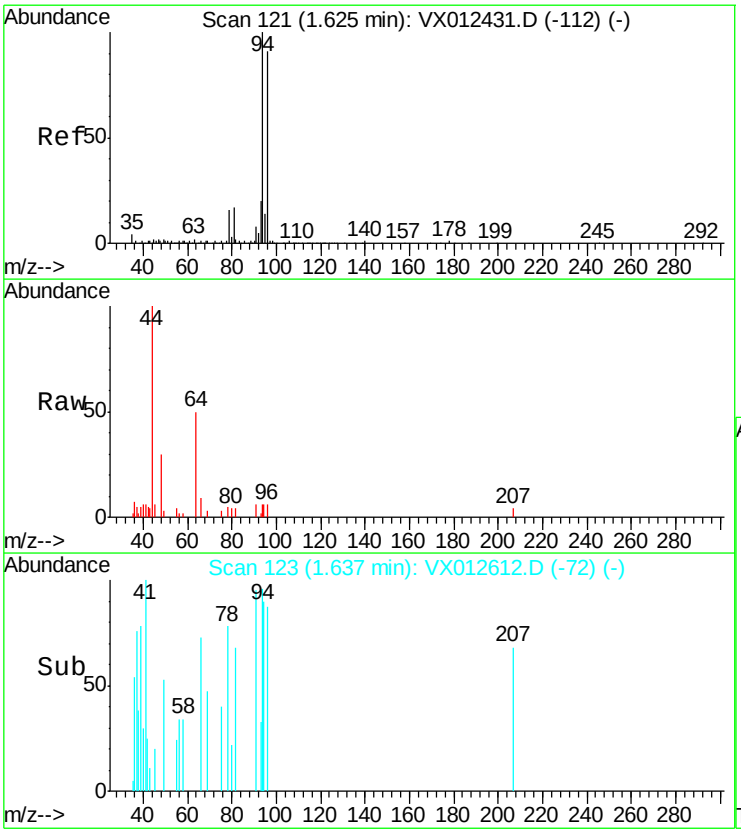
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion:168 Resp: 171026

Ion	Ratio	Lower	Upper
168	100		
99	68.4	51.4	77.2

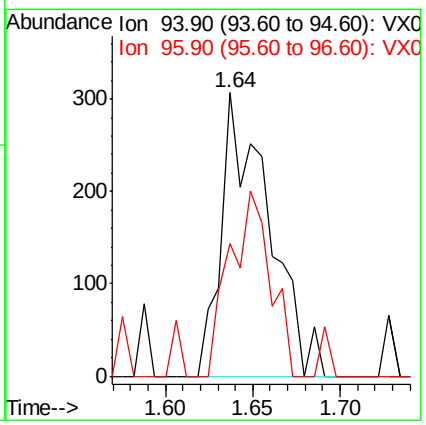


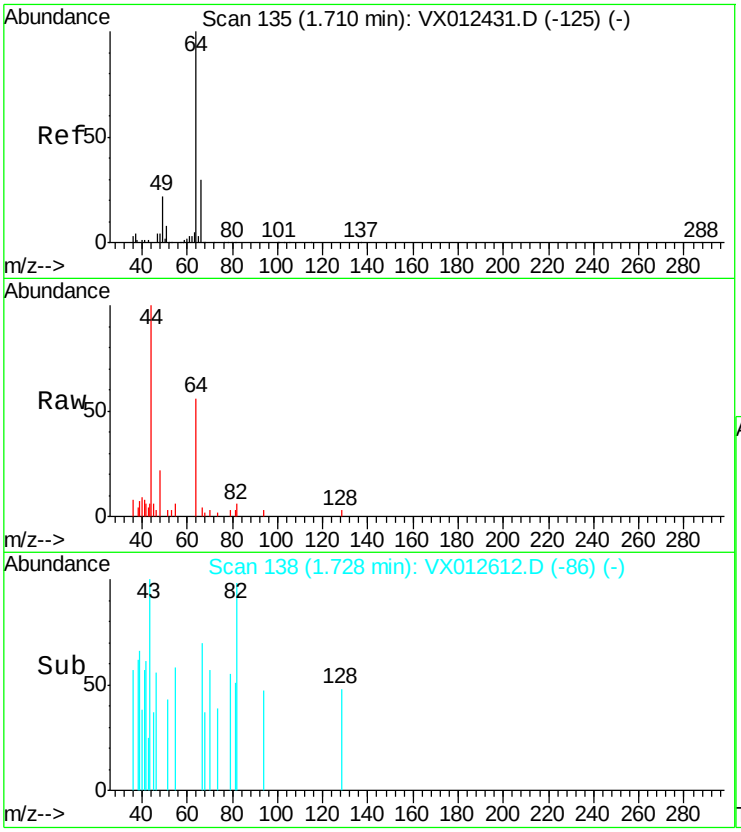


#5
Bromomethane
Concen: 0.669 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 94 Resp: 578

Ion	Ratio	Lower	Upper
94	100		
96	46.9	72.8	109.2#



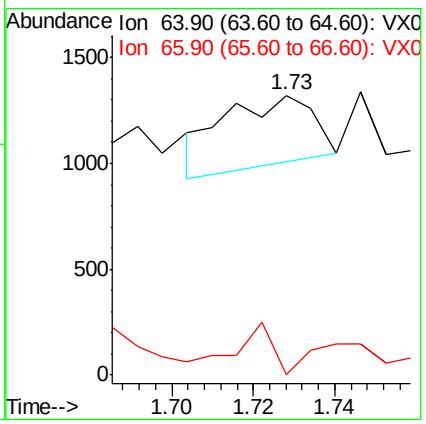


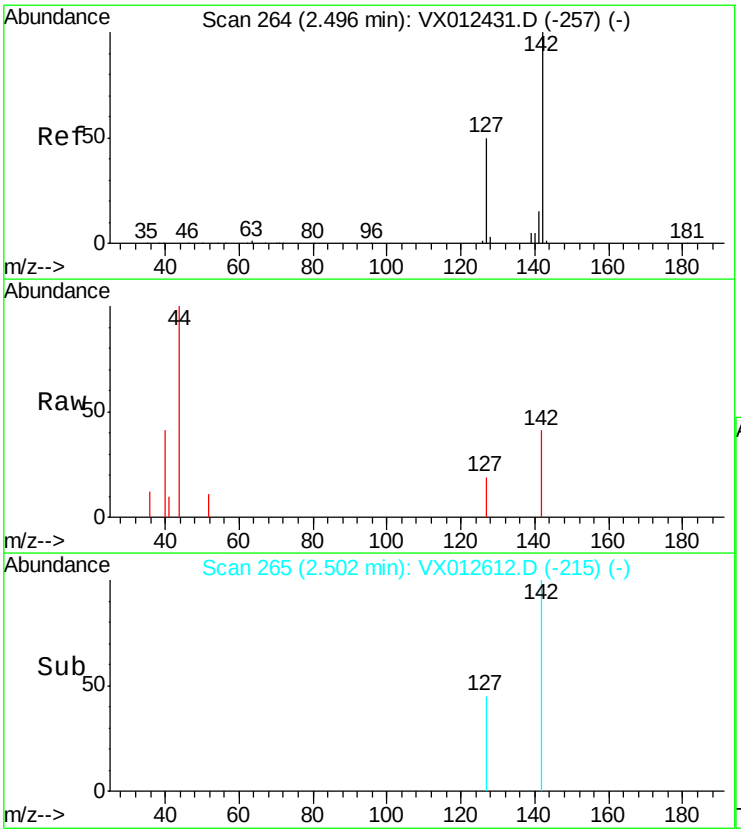
#6
Chloroethane
Concen: 0.338 ug/l
RT: 1.73 min Scan# 138
Delta R.T. 0.02 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 64 Resp: 500

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

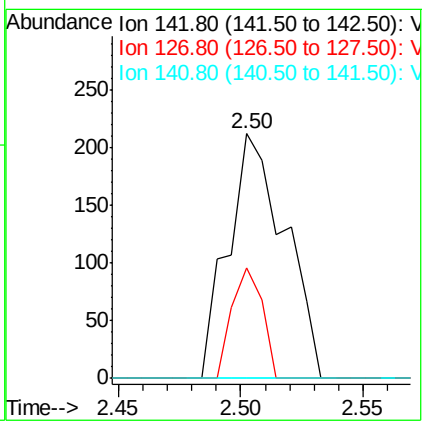


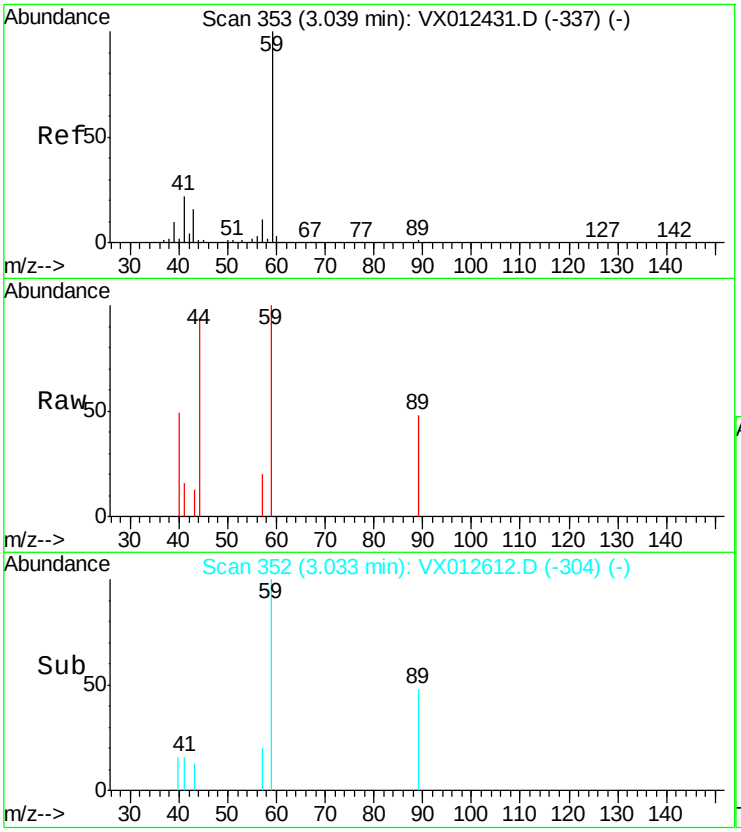


#10
Methyl Iodide
Concen: 5.108 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:142 Resp: 340

Ion	Ratio	Lower	Upper
142	100		
127	24.1	40.8	61.2#
141	0.0	12.1	18.1#



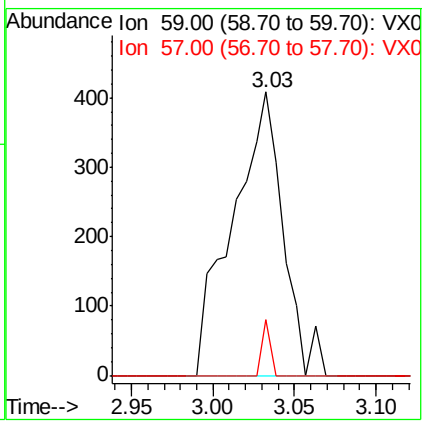


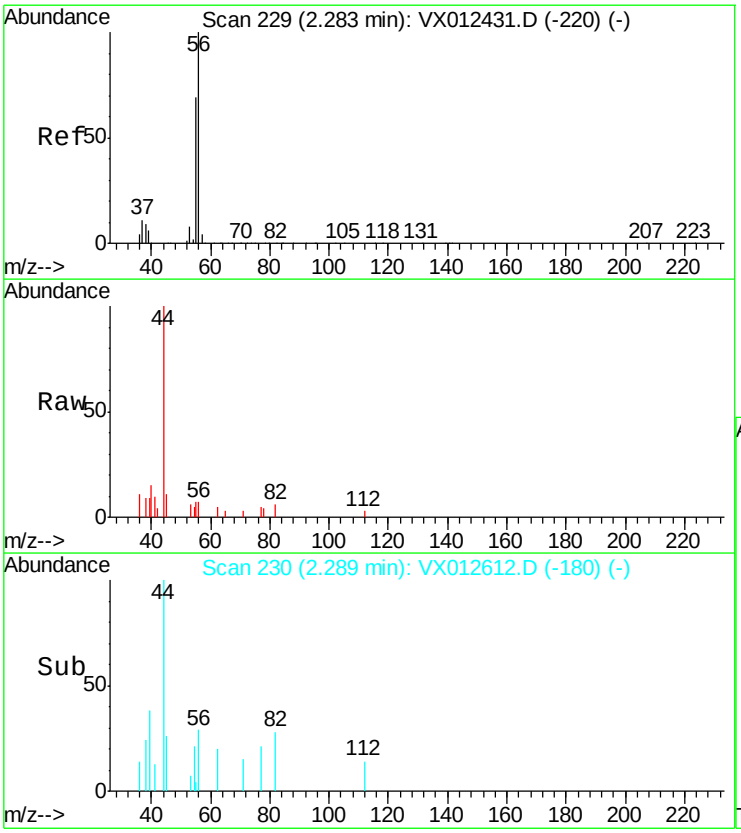
#11
Tert butyl alcohol
Concen: 1.414 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion: 59 Resp: 880

Ion	Ratio	Lower	Upper
59	100		
57	3.3	8.3	12.5#

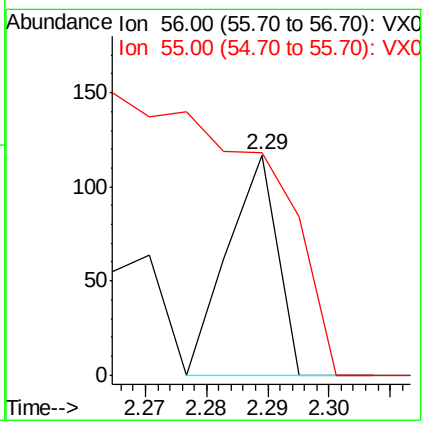


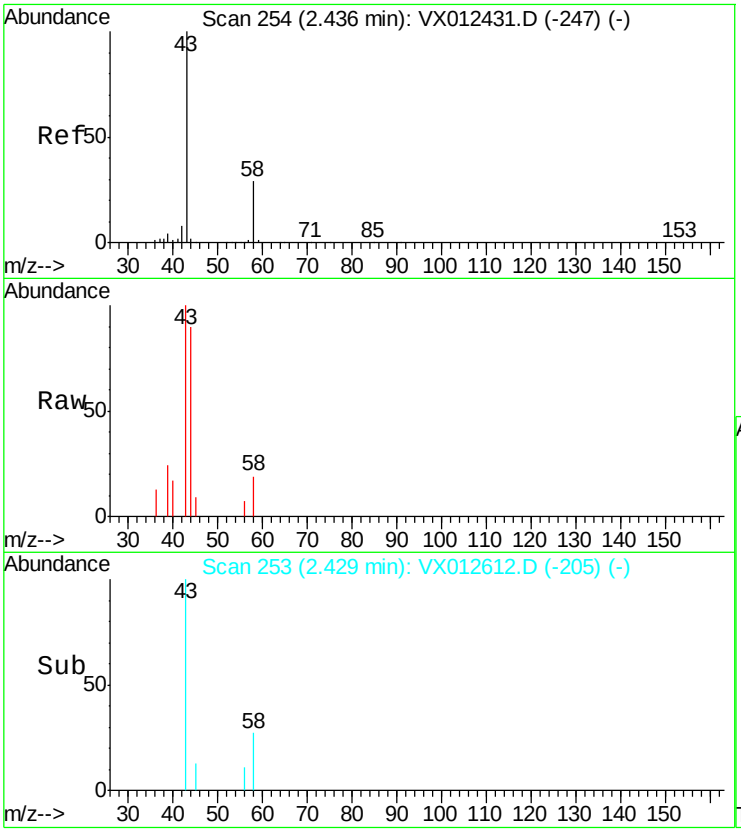


#13
Acrolein
Concen: 10.413 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



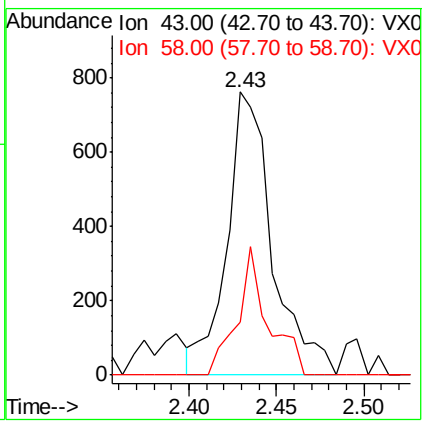


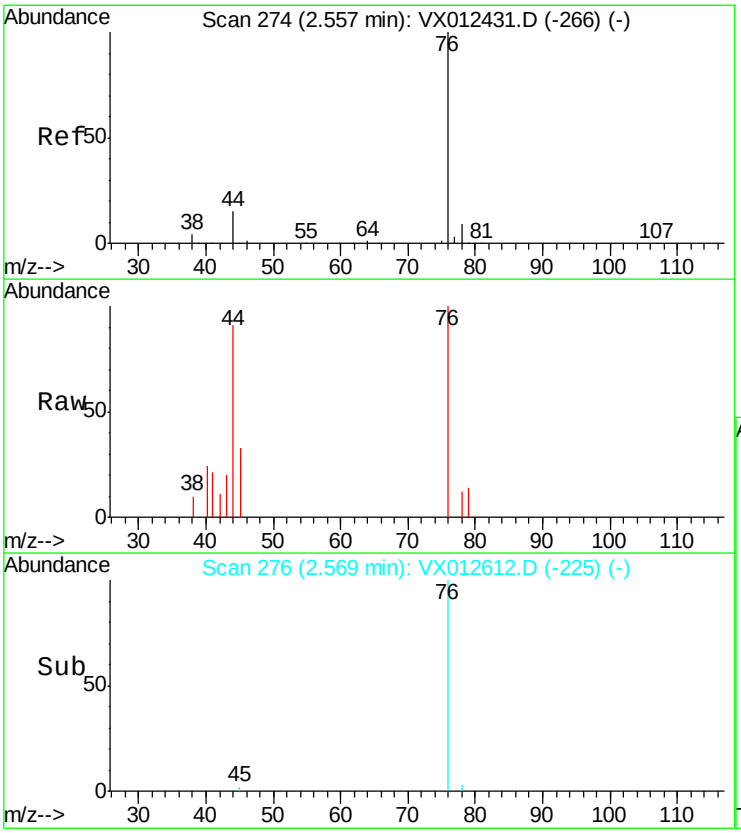
#16
Acetone
Concen: 1.045 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion: 43 Resp: 1379

Ion	Ratio	Lower	Upper
43	100		
58	18.6	23.3	34.9#

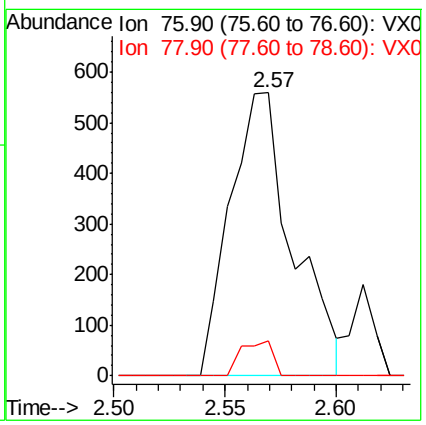


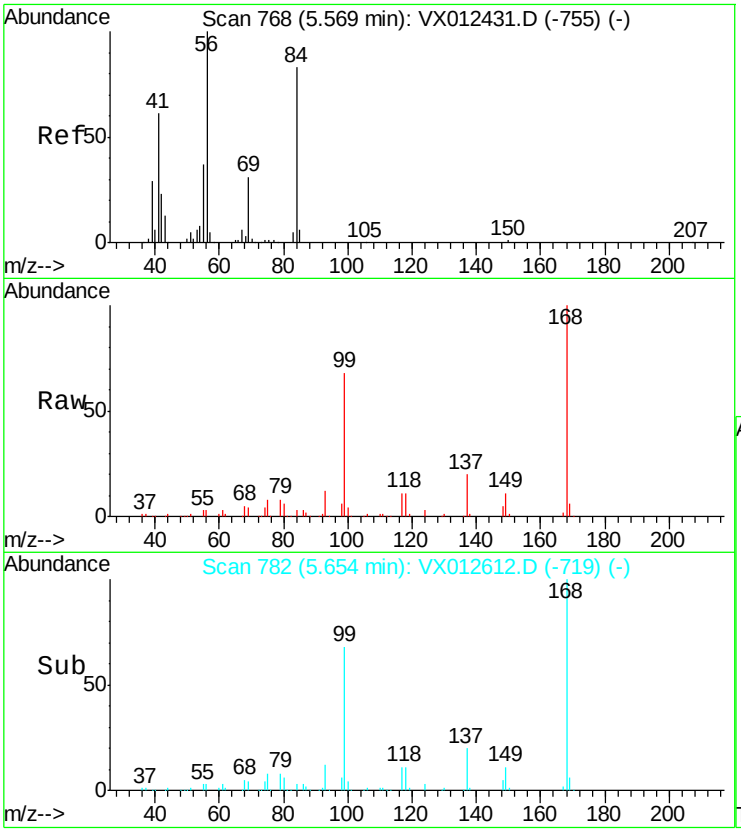


#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 76 Resp: 1095

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.3	10.9#



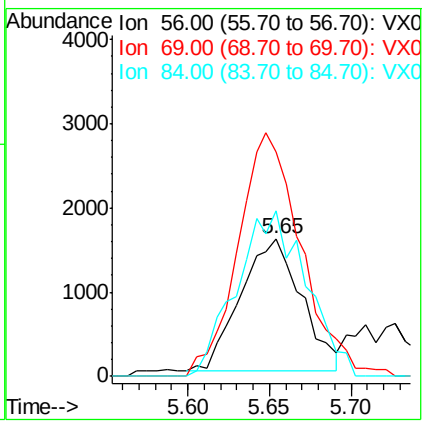


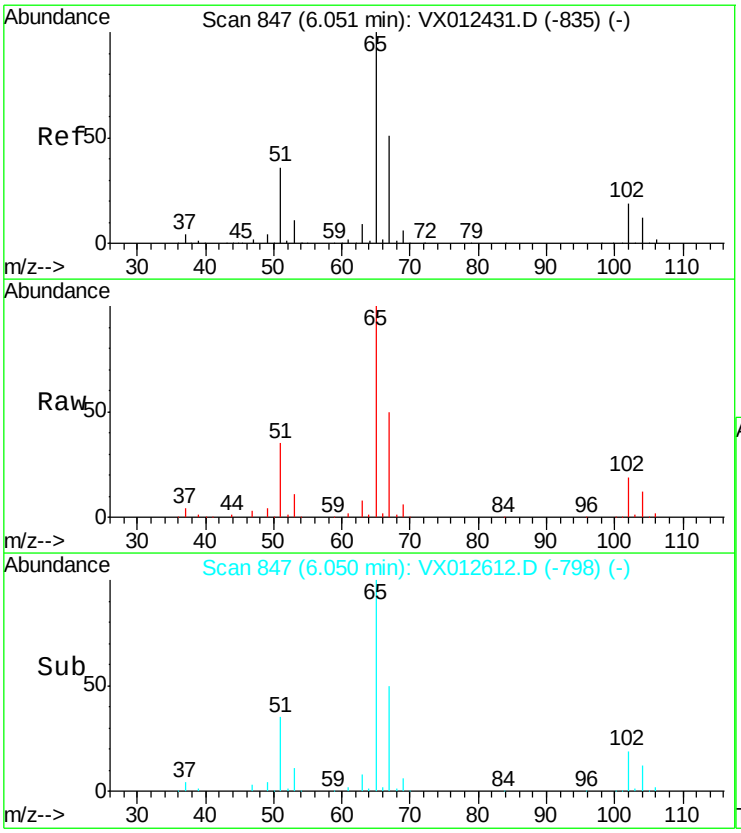
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 56 Resp: 4111

Ion	Ratio	Lower	Upper
56	100		
69	169.8	25.0	37.6#
84	124.7	66.4	99.6#

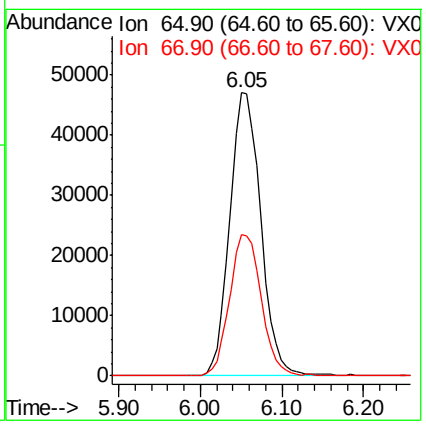


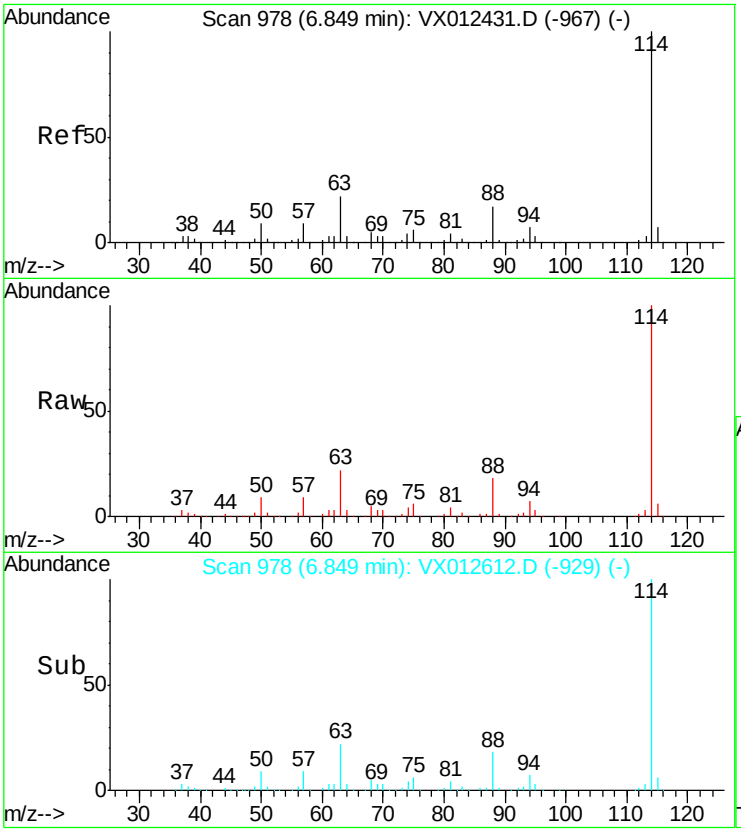


#33
1,2-Dichloroethane-d4
Concen: 49.664 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 65 Resp: 123687

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.2



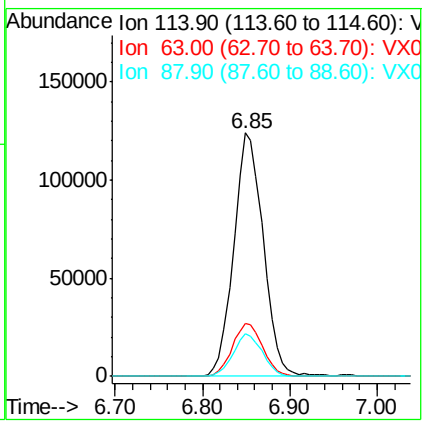


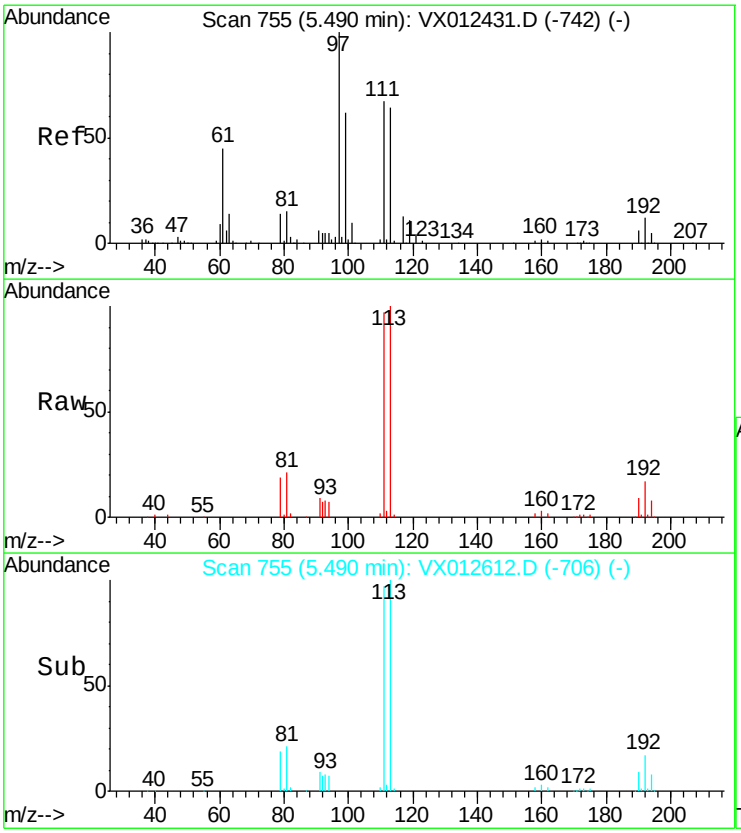
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion:114 Resp: 291274

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	17.6	0.0	33.2

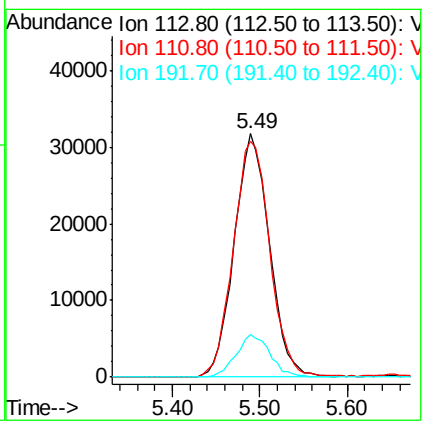


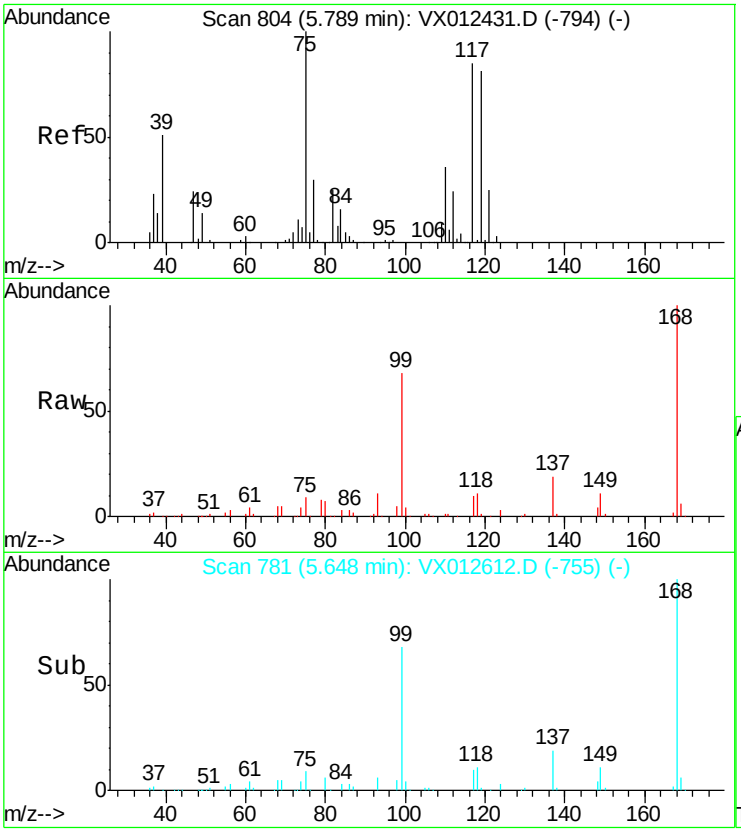


#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:113 Resp: 88792

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.4	125.2
192	17.0	14.4	21.6



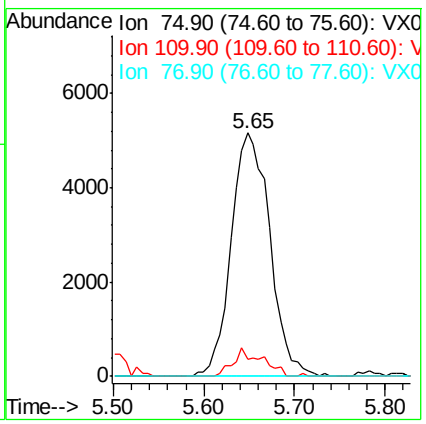


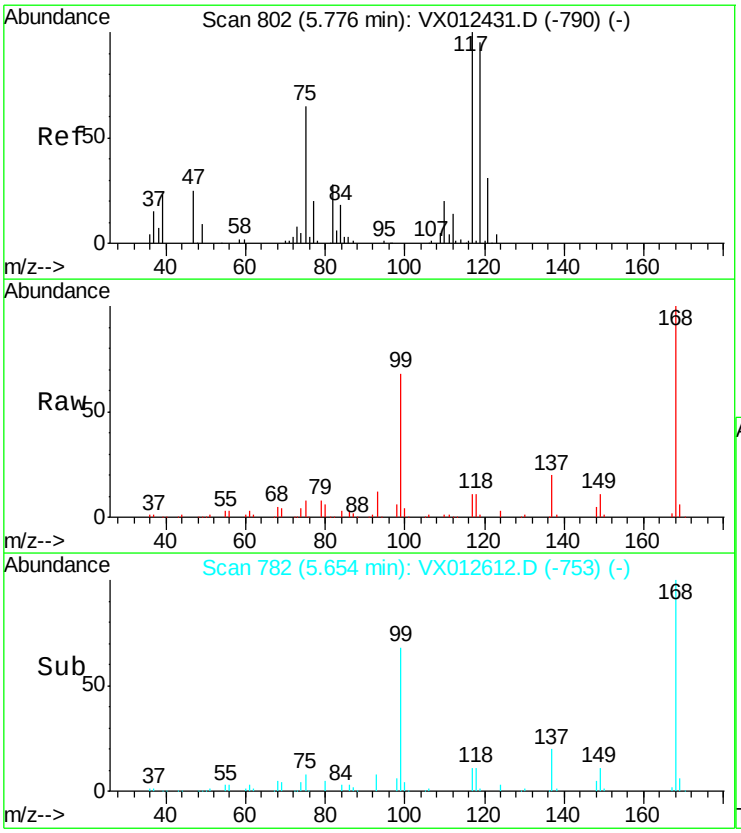
#36
1,1-Dichloropropene
Concen: 5.420 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 75 Resp: 15216

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.7	50.0#
77	0.0	24.2	36.2#

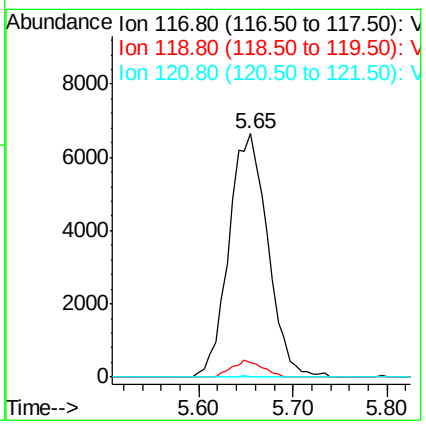


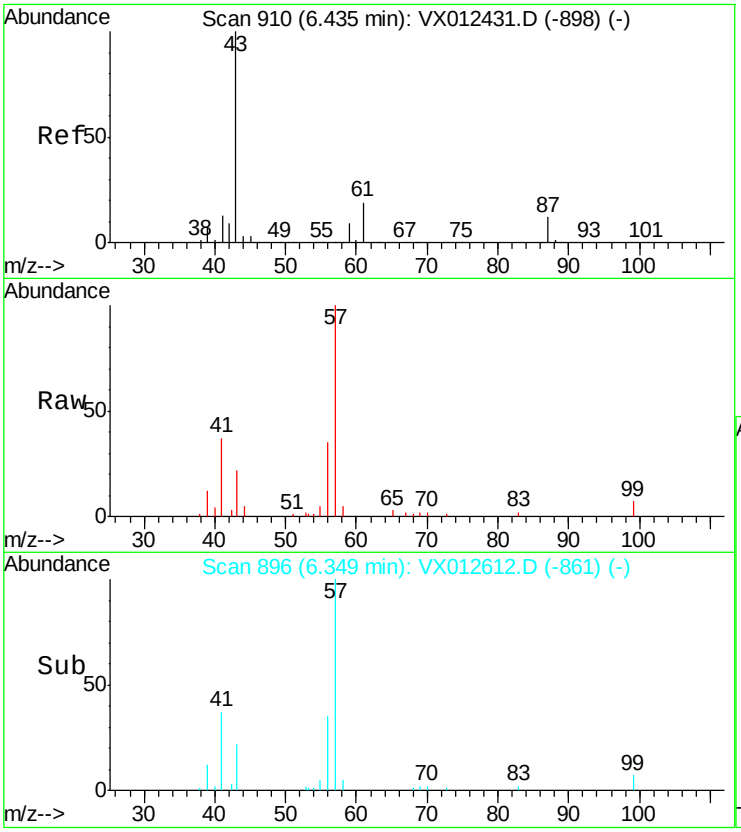


#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:117 Resp: 19121

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.7	113.5#
121	0.0	24.2	36.4#



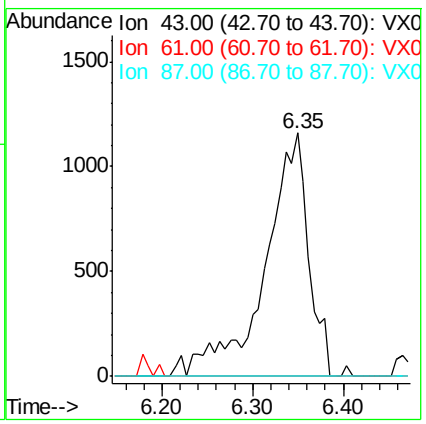


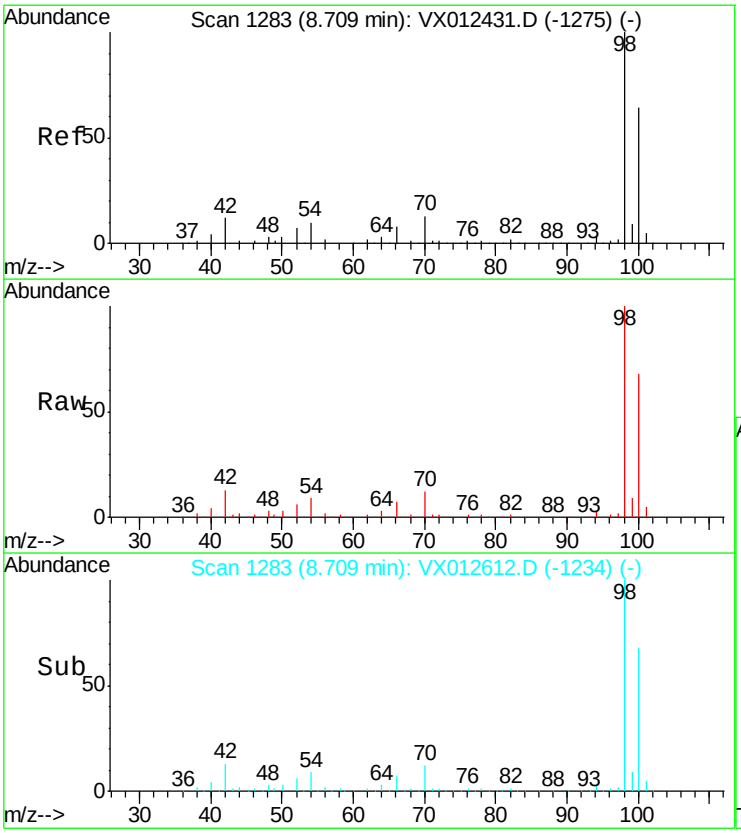
#43
Isopropyl Acetate
Concen: 0.701 ug/l
RT: 6.35 min Scan# 896
Delta R.T. -0.09 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion: 43 Resp: 3846

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	9.8	14.8#

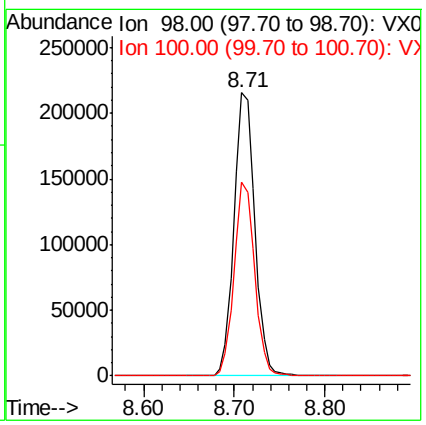


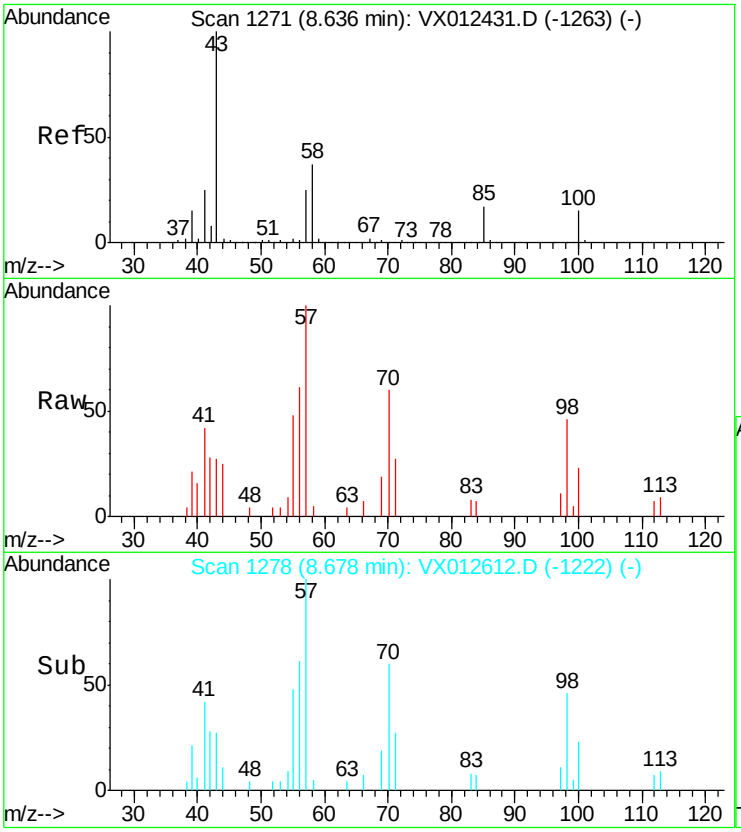


#50
Toluene-d8
Concen: 51.641 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 98 Resp: 344979

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2



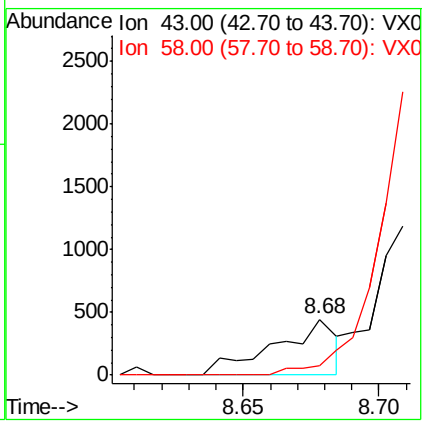


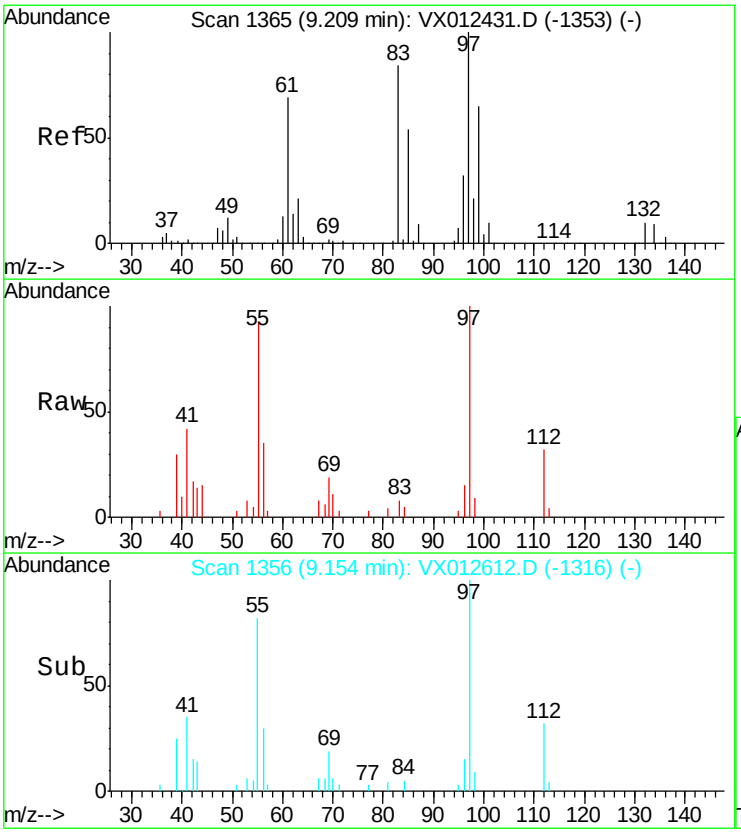
#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 8.68 min Scan# 1278
Delta R.T. 0.04 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 43 Resp: 693

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	44.6#

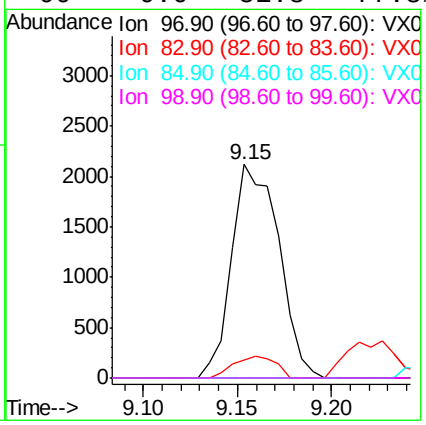


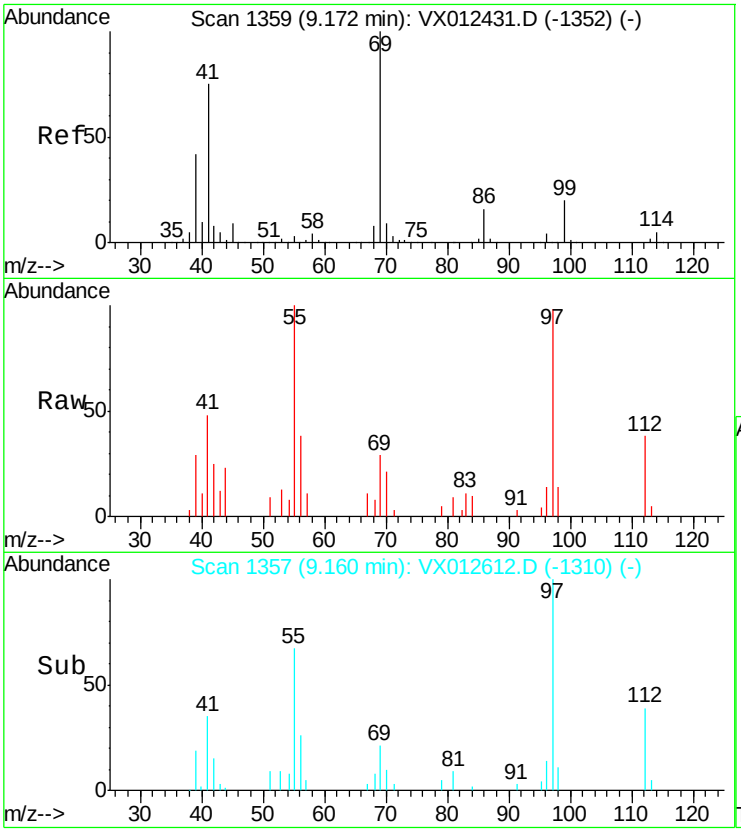


#55
1,1,2-Trichloroethane
Concen: 1.781 ug/l
RT: 9.15 min Scan# 1356
Delta R.T. -0.06 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 97 Resp: 3676

Ion	Ratio	Lower	Upper
97	100		
83	8.3	67.4	101.2#
85	0.0	43.5	65.3#
99	0.0	51.8	77.8#



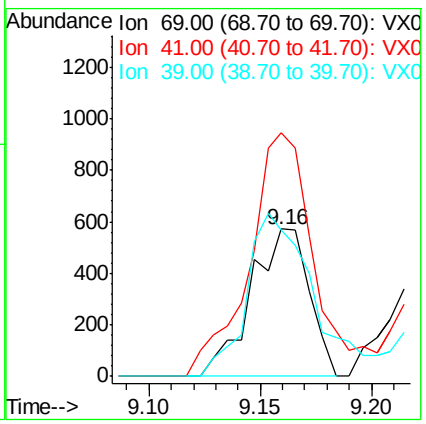


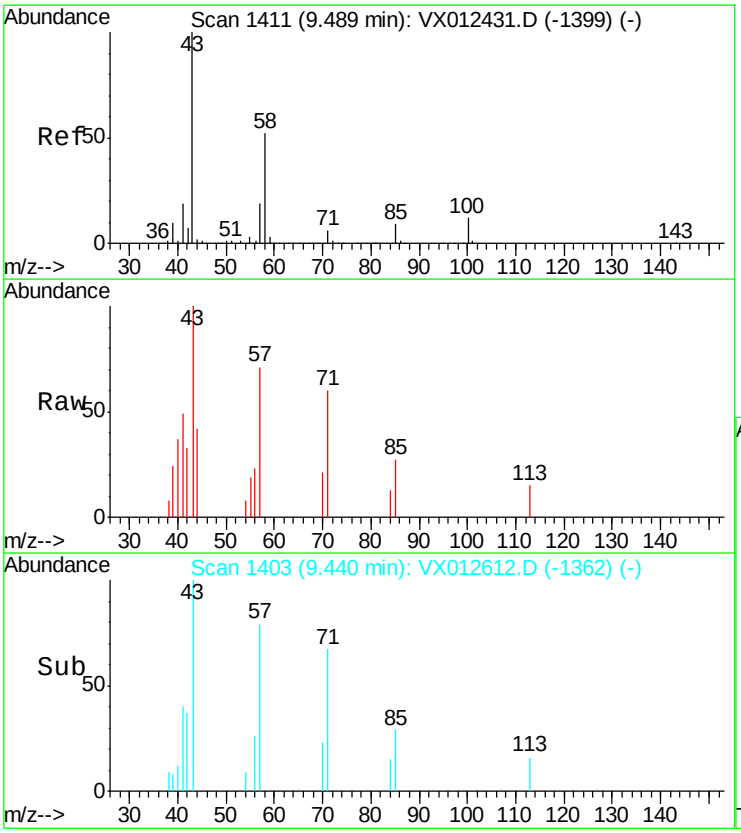
#56
Ethyl methacrylate
Concen: 0.300 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 69 Resp: 1040

Ion	Ratio	Lower	Upper
69	100		
41	183.8	58.4	87.6#
39	126.6	33.4	50.0#

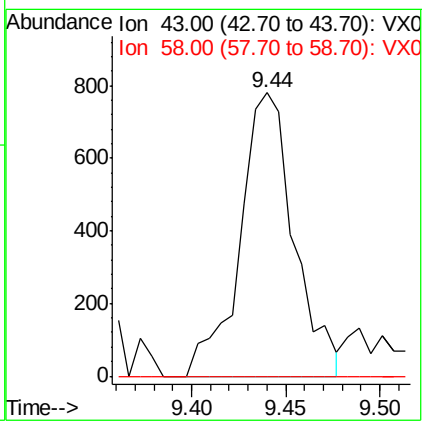


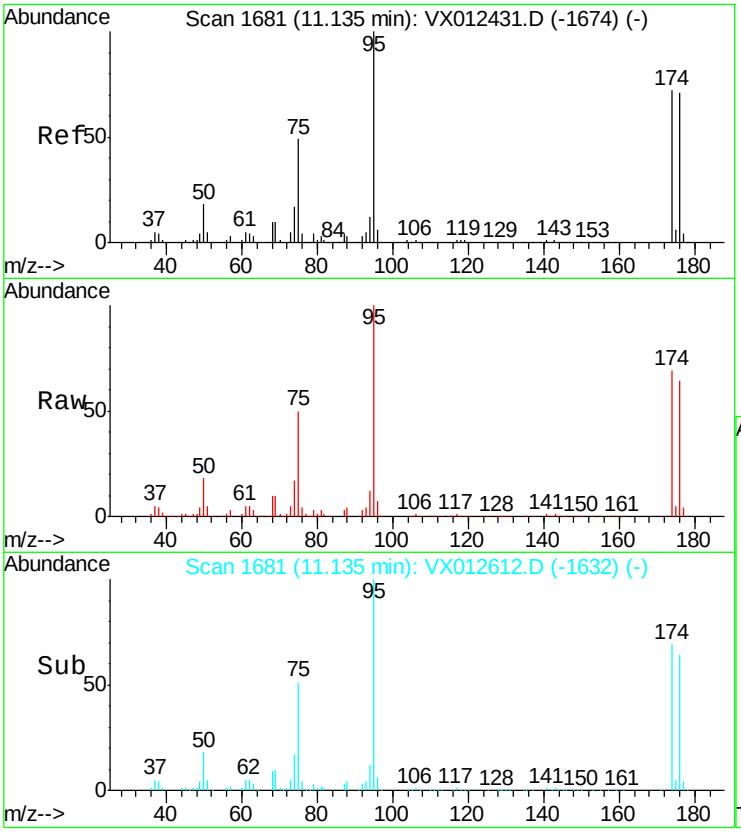


#59
2-Hexanone
Concen: 0.600 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 43 Resp: 1555

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.7	77.1#



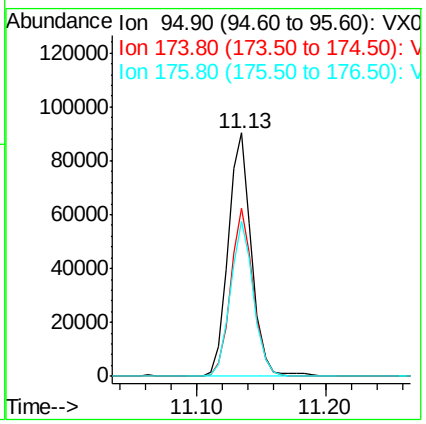


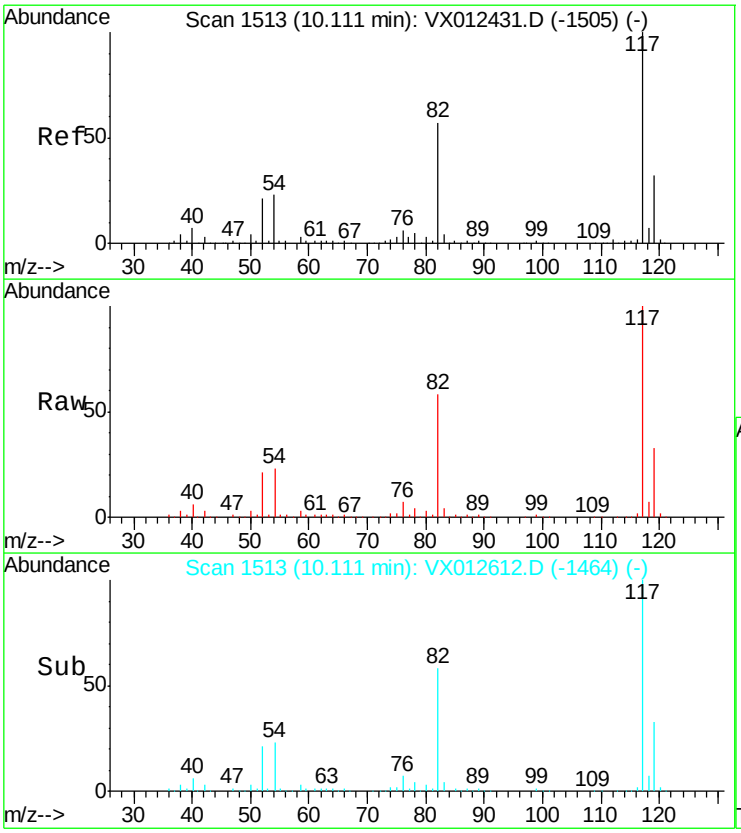
#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 95 Resp: 114110

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	140.0
176	63.3	0.0	135.4

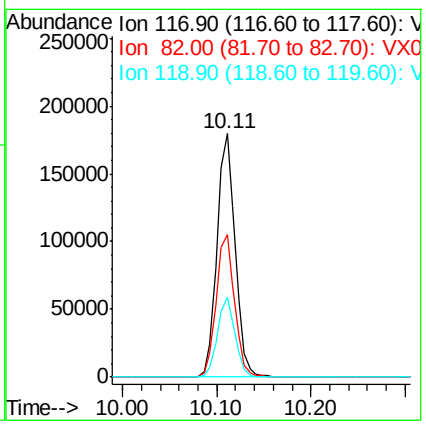


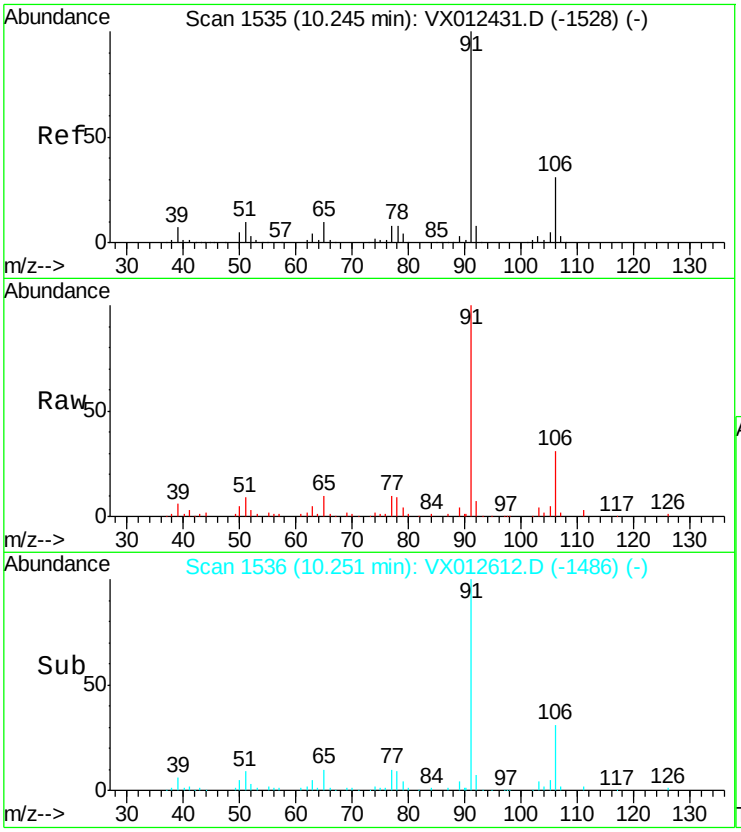


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:117 Resp: 240074

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.9	68.9
119	32.5	25.3	37.9



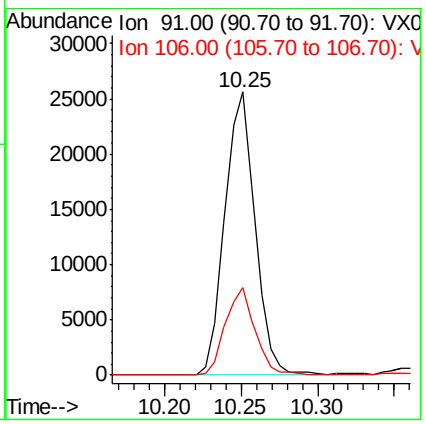


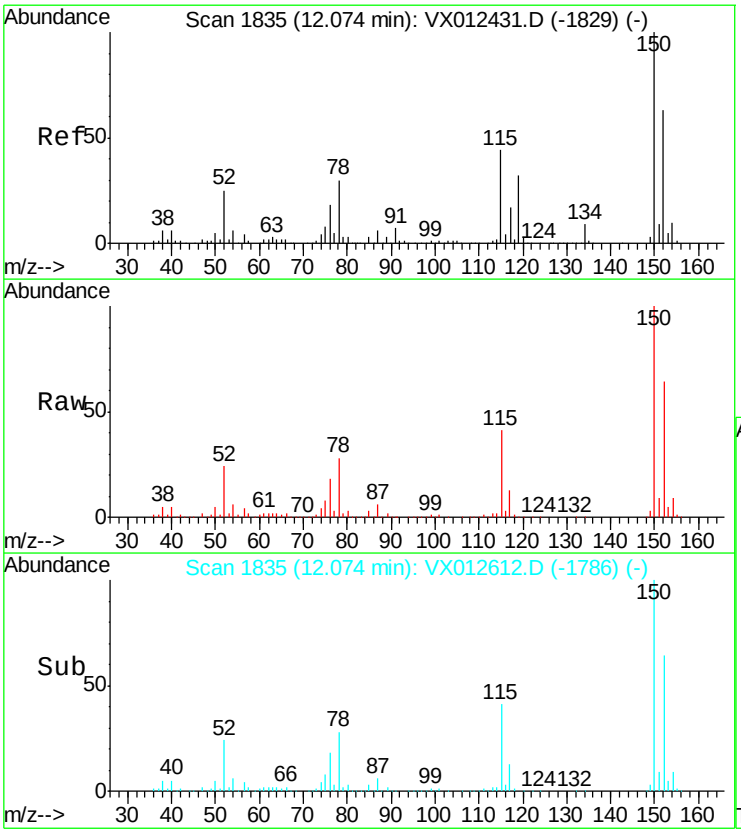
#67
Ethyl Benzene
Concen: 3.840 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 91 Resp: 35206

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	37.0

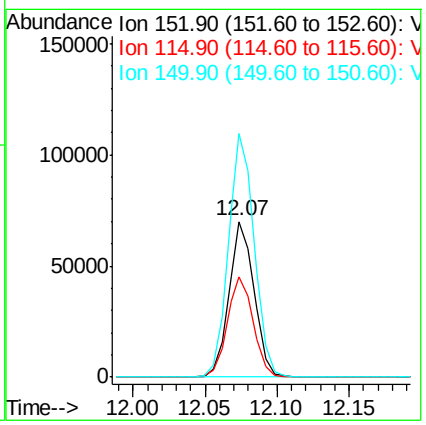


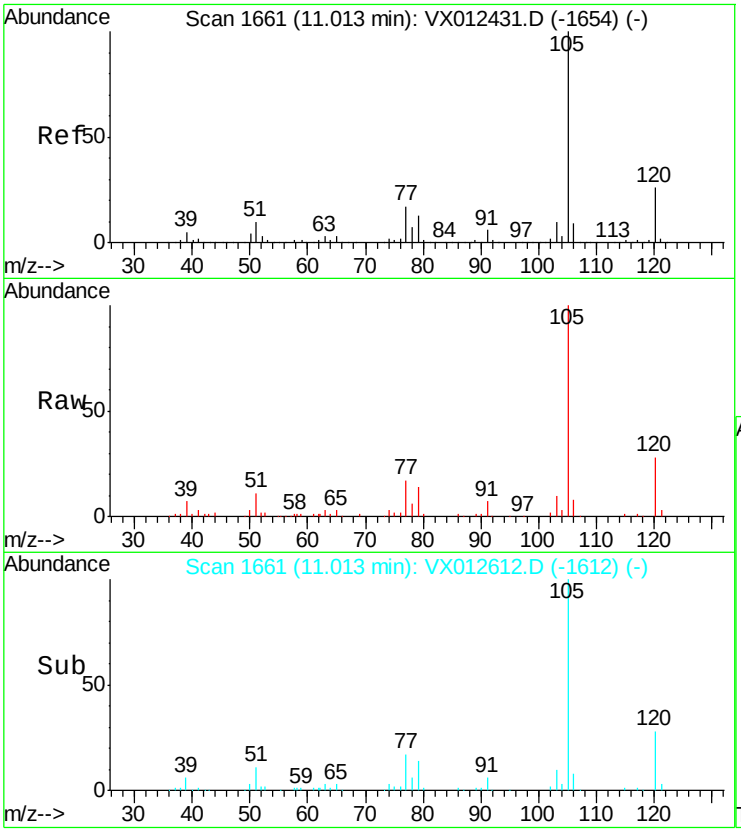


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:152 Resp: 85996

Ion	Ratio	Lower	Upper
152	100		
115	66.1	44.1	132.3
150	160.3	0.0	343.8



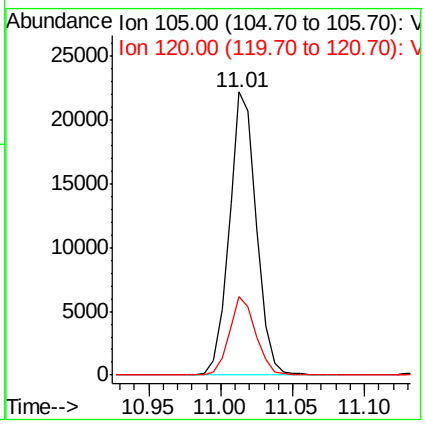


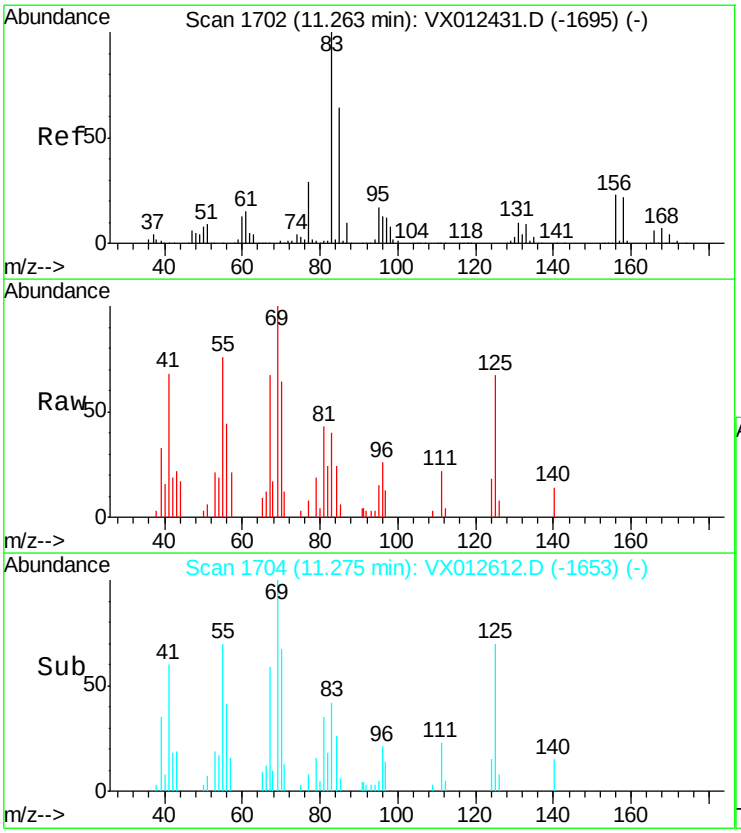
#73
Isopropylbenzene
Concen: 4.164 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion:105 Resp: 29162

Ion	Ratio	Lower	Upper
105	100		
120	27.0	12.9	38.7

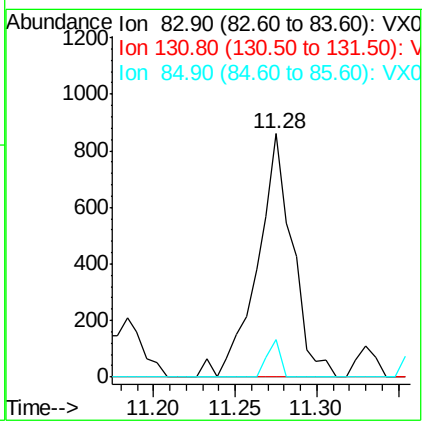


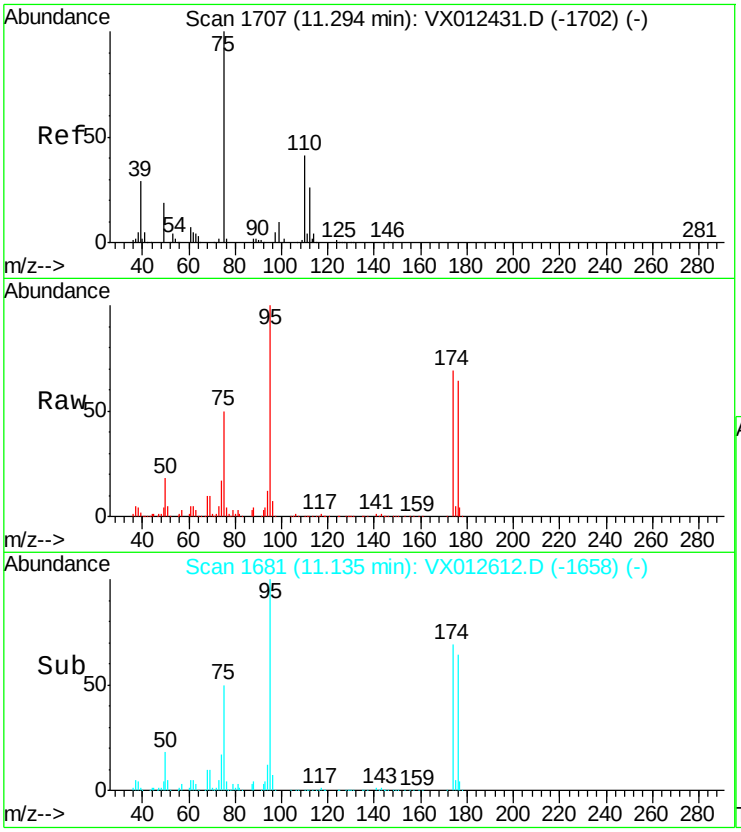


#75
1,1,2,2-Tetrachloroethane
Concen: 0.550 ug/l
RT: 11.28 min Scan# 1704
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 83 Resp: 1276

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	5.8	32.0	96.0#



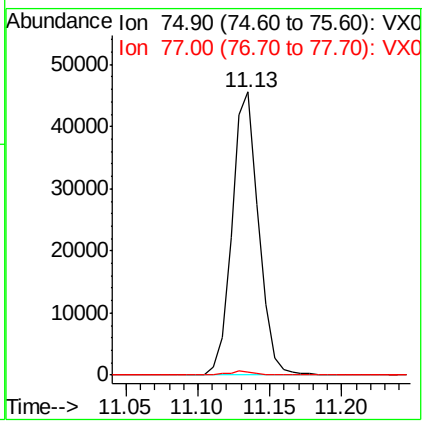


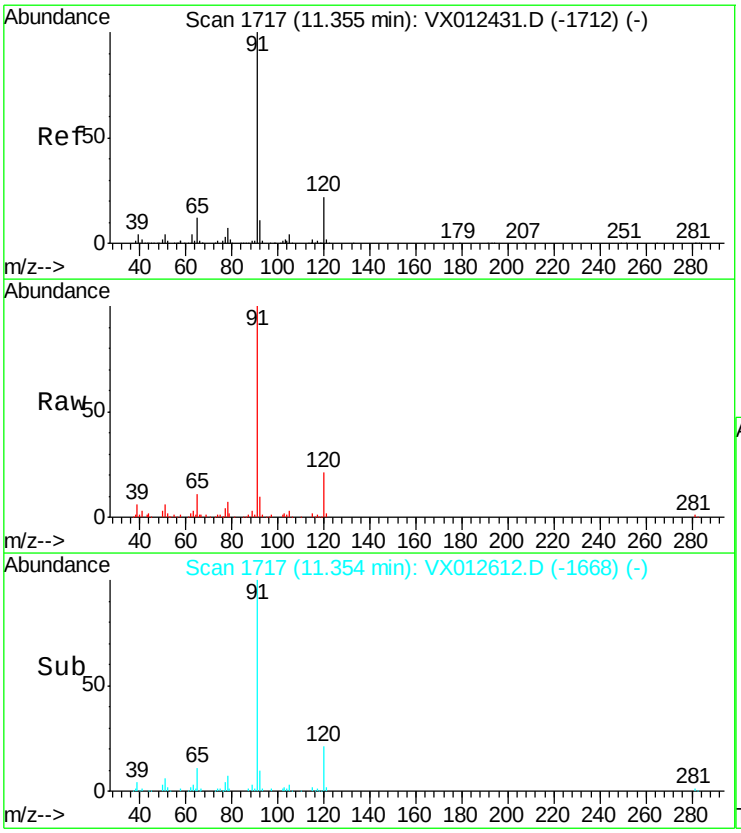
#76
1,2,3-Trichloropropane
Concen: 25.862 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 75 Resp: 58831

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#

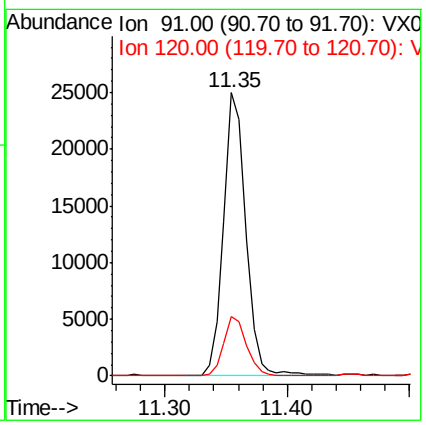


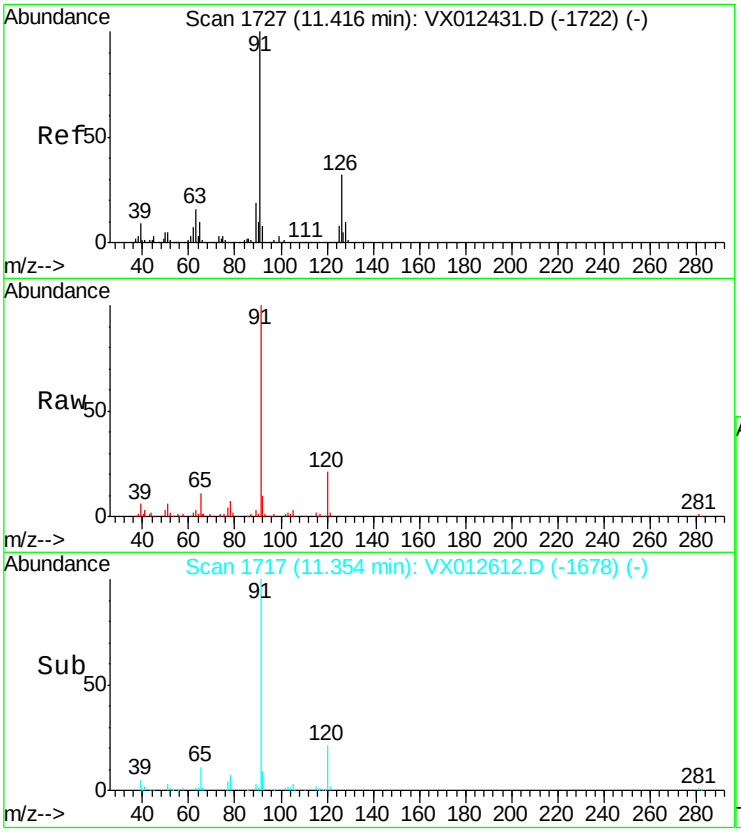


#78
n-propylbenzene
Concen: 4.004 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 91 Resp: 31572

Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.3	33.8



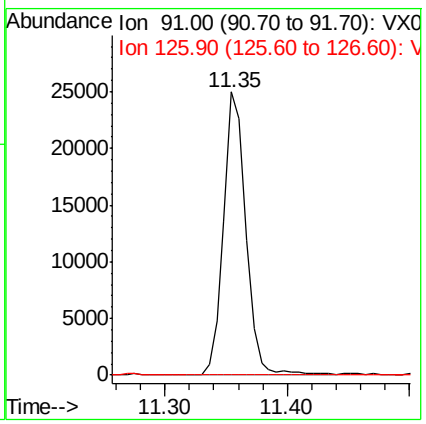


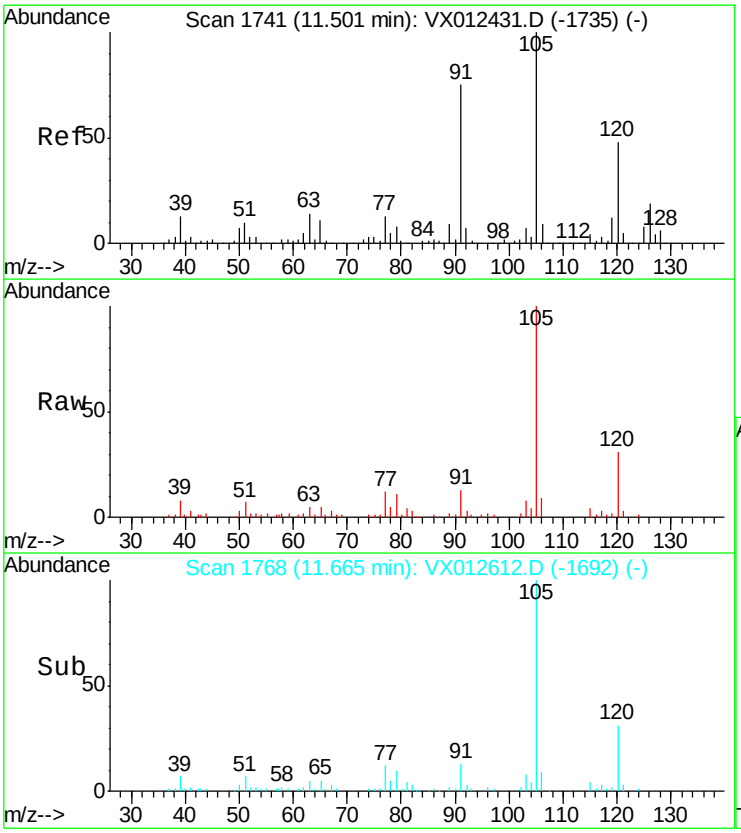
#79
2-Chlorotoluene
Concen: 6.418 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.06 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion: 91 Resp: 31572

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.4#

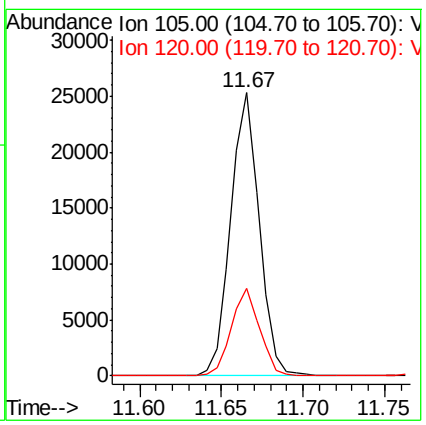


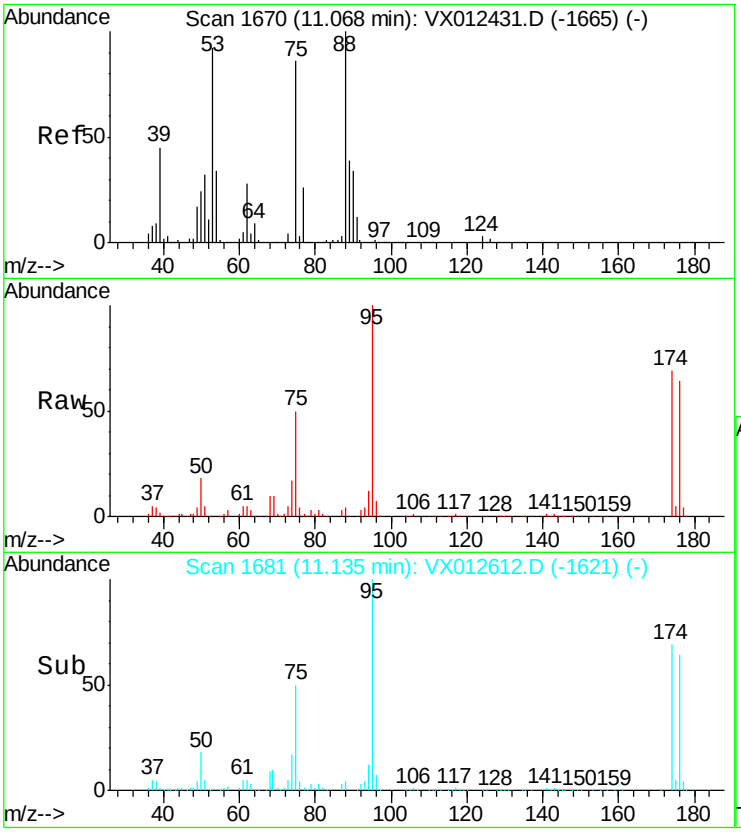


#80
1,3,5-Trimethylbenzene
Concen: 5.247 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. 0.16 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:105 Resp: 30817

Ion	Ratio	Lower	Upper
105	100		
120	30.5	24.3	72.8



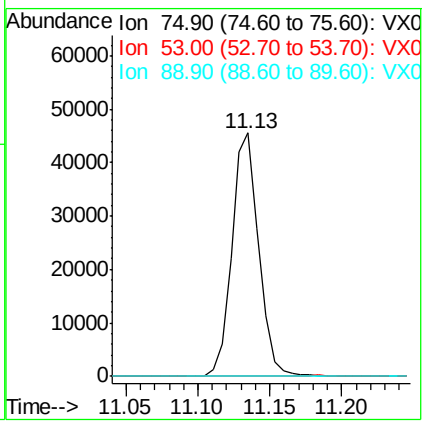


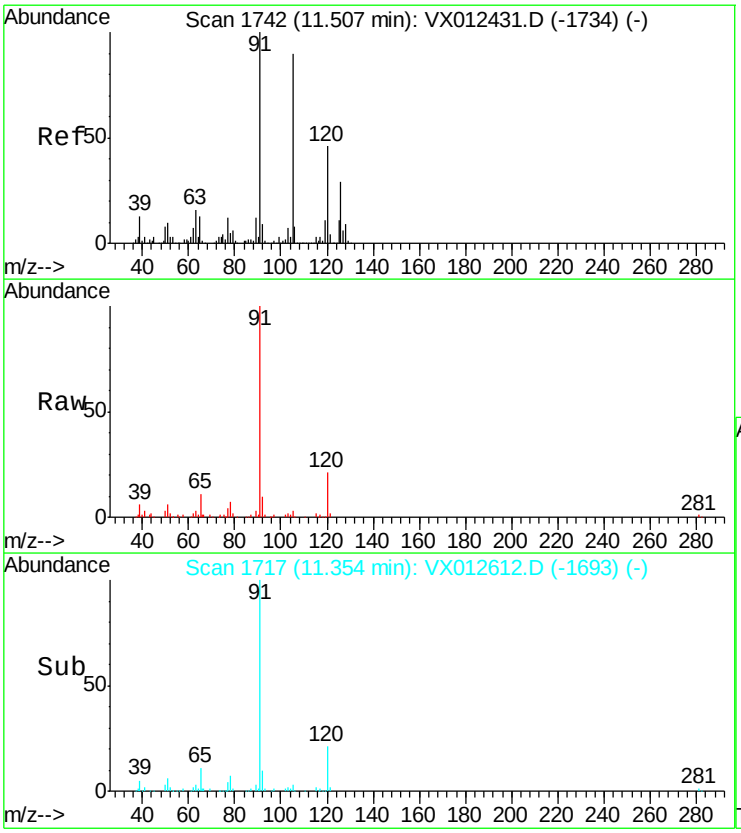
#81
trans-1,4-Dichloro-2-butene
Concen: 74.115 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion: 75 Resp: 58831

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#

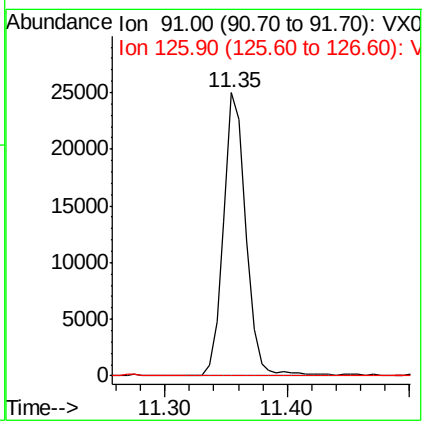


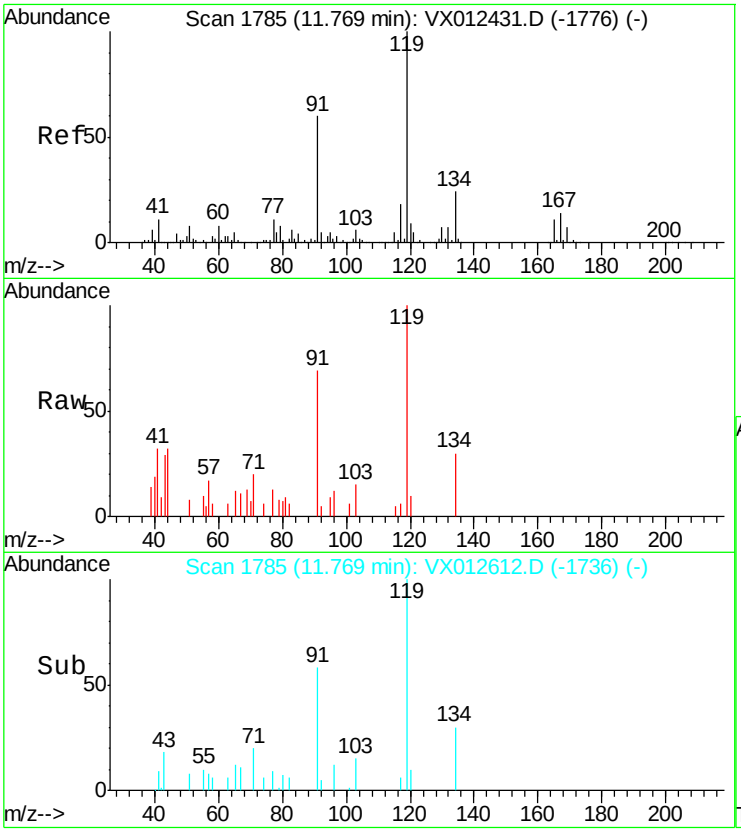


#82
4-Chlorotoluene
Concen: 5.630 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.15 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion: 91 Resp: 31572

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.4	43.0#



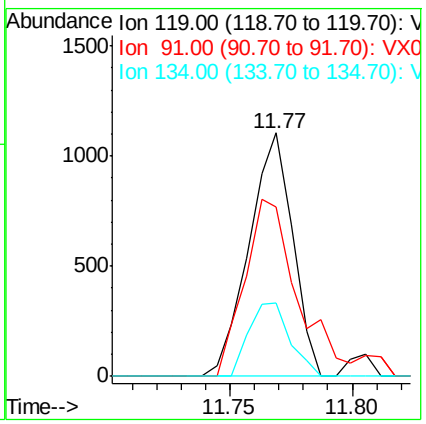


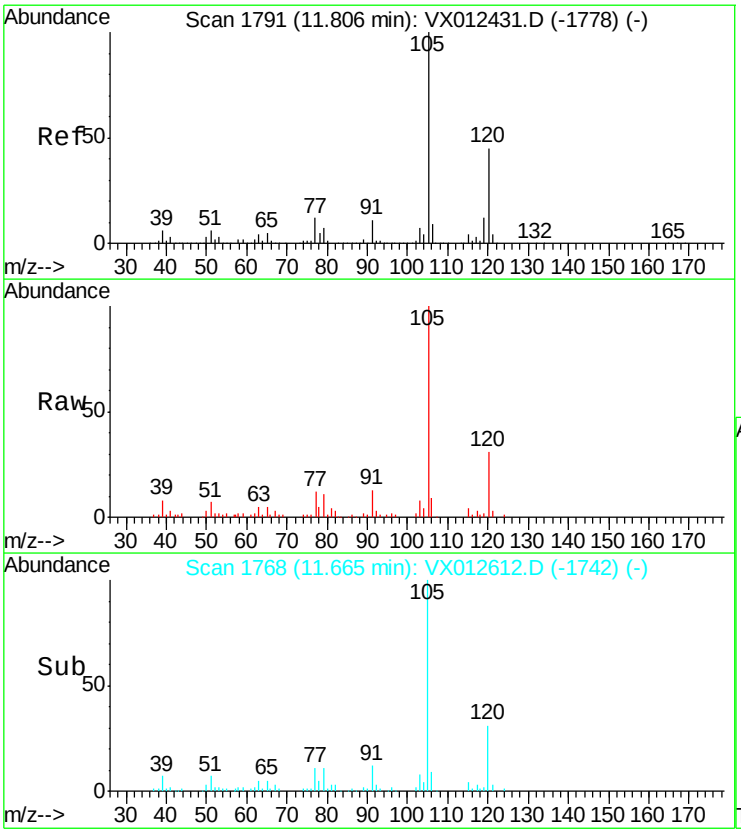
#83
tert-Butylbenzene
Concen: 0.241 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : Z2-0164

Tgt Ion:119 Resp: 1366

Ion	Ratio	Lower	Upper
119	100		
91	88.4	30.0	90.0
134	28.4	11.3	33.9

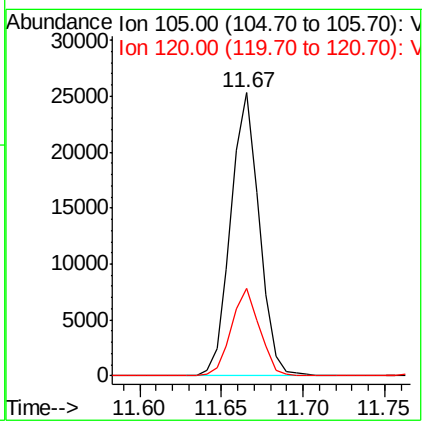


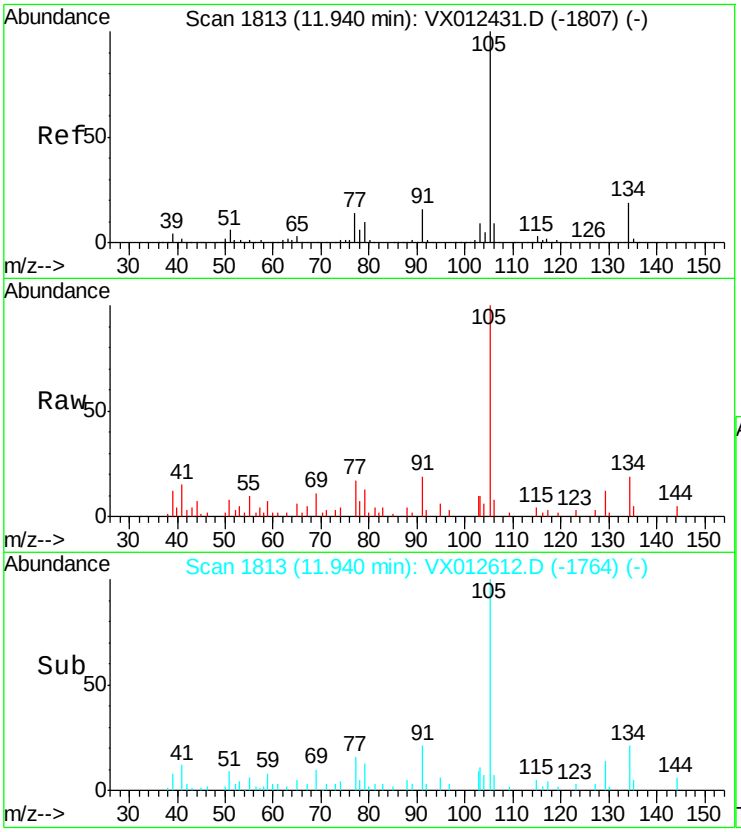


#84
1,2,4-Trimethylbenzene
Concen: 5.201 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.14 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:105 Resp: 30817

Ion	Ratio	Lower	Upper
105	100		
120	30.5	22.2	66.6



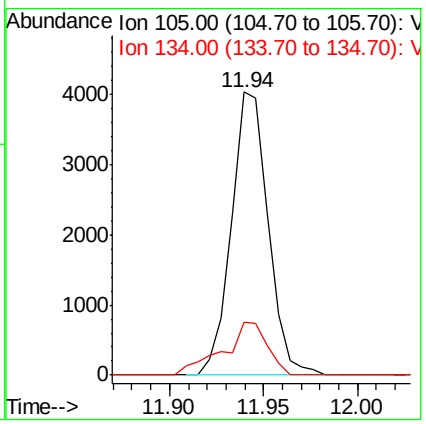


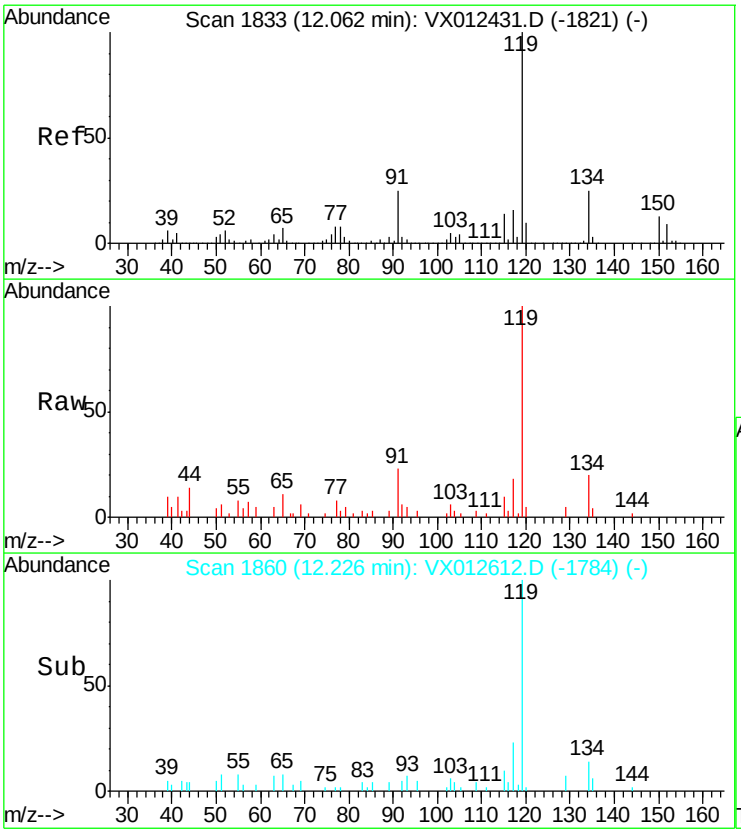
#85
sec-Butylbenzene
Concen: 0.829 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion:105 Resp: 5466

Ion	Ratio	Lower	Upper
105	100		
134	22.3	9.8	29.4

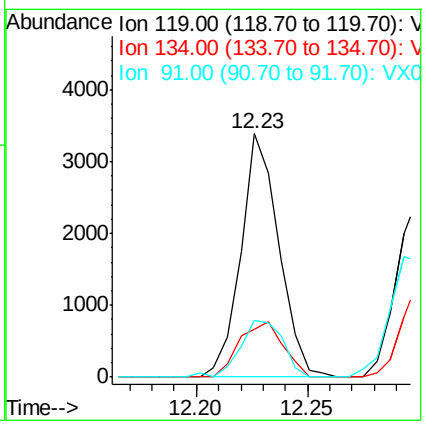


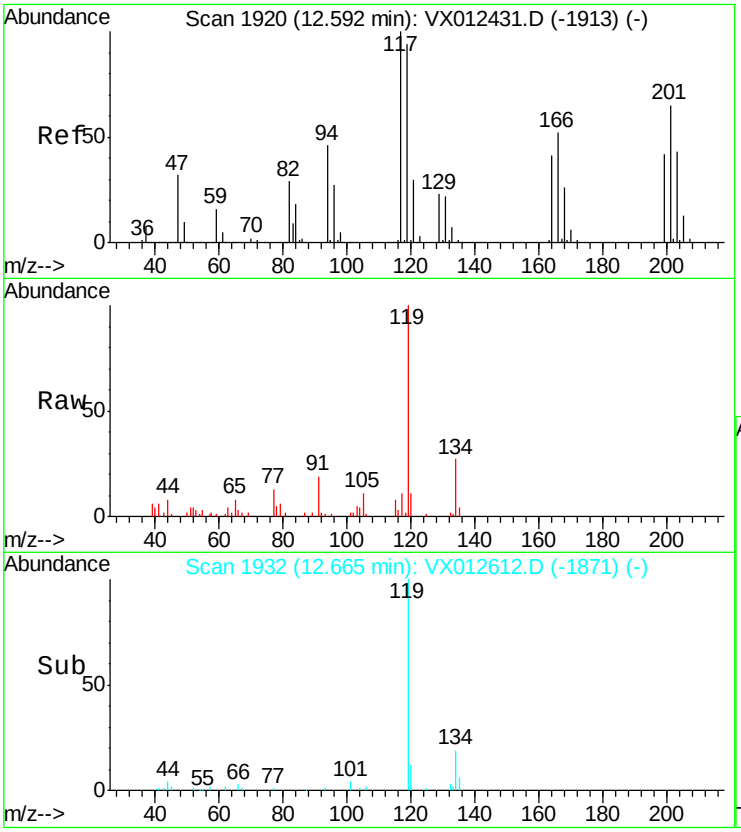


#86
p-Isopropyltoluene
Concen: 0.679 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:119 Resp: 4035

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.7	38.1
91	26.1	12.8	38.4



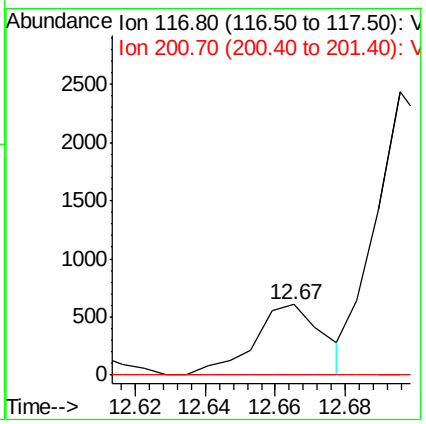


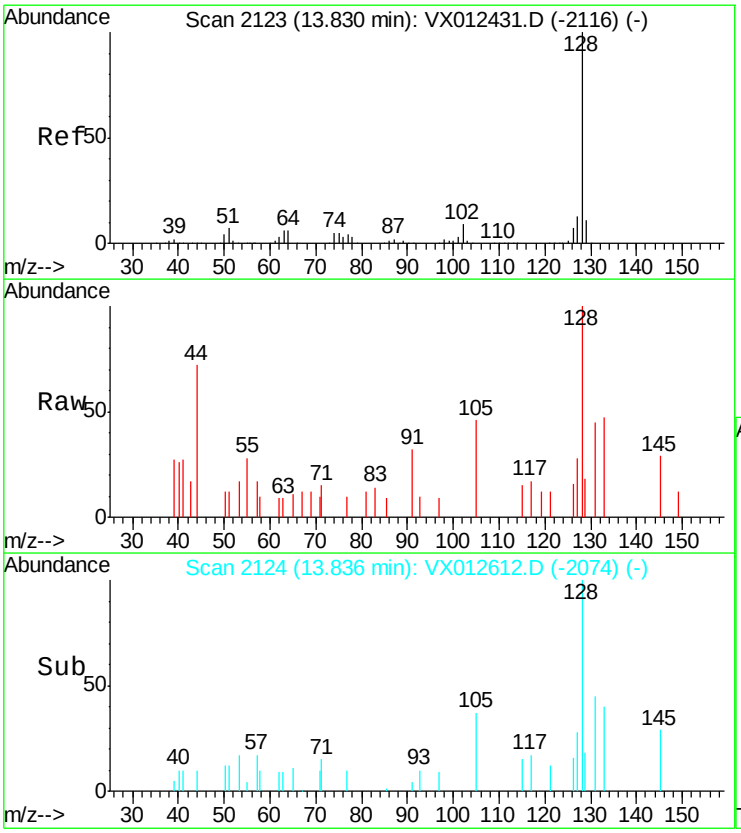
#90
Hexachloroethane
Concen: 0.785 ug/l
RT: 12.67 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-0164

Tgt Ion:117 Resp: 832

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.3	99.8#





#95
Naphthalene
Concen: 0.231 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX012612.D
Acq: 23 Sep 2019 18:17

Tgt Ion:128 Resp: 1455

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	10.9	8.8	13.2