Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013755.D
Acq On : 04 Dec 2019 17:27
Operator : JC/SP
Sample : K6098-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C1-GW

Quant Time: Dec 05 00:58:06 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	691094	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1041005	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	925725	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448102	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	375472	46.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.62%				
35) Dibromofluoromethane	5.49	113	309406	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.16%				
50) Toluene-d8	8.71	98	1229251	49.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.06%				
62) 4-Bromofluorobenzene	11.14	95	433757	47.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.94%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	2625	0.402	ug/l		88
11) Tert butyl alcohol	3.03	59	4048	2.044	ug/l	#	67
13) Acrolein	2.30	56	350	6.262	ug/l	#	15
15) Acrylonitrile	3.16	53	914	0.224	ug/l	#	10
16) Acetone	2.43	43	20832	5.260	ug/l		97
25) 2-Butanone	4.68	43	2940	0.499	ug/l	#	61
31) Cyclohexane	5.58	56	3674	0.310	ug/l	#	87
36) 1,1-Dichloropropene	5.65	75	45276	4.791	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	58214	6.681	ug/l	#	16
39) Methylcyclohexane	7.45	83	28020	2.399	ug/l		96
49) 1,4-Dioxane	7.74	88	204	1.075	ug/l	#	1
55) 1,1,2-Trichloroethane	9.16	97	10745	1.491	ug/l	#	19
69) o-Xylene	10.70	106	4011	0.325	ug/l		82
73) Isopropylbenzene	11.01	105	363548	11.566	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	3345	0.307	ug/l	#	40
76) 1,2,3-Trichloropropane	11.13	75	208707	20.708	ug/l	#	39
78) n-propylbenzene	11.35	91	512320	14.601	ug/l		100
79) 2-Chlorotoluene	11.35	91	512320	24.340	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.67	105	12150	0.472	ug/l		74
81) trans-1,4-Dichloro-2-buten	11.13	75	208707	56.653	ug/l	#	11
82) 4-Chlorotoluene	11.35	91	512320	21.015	ug/l	#	44
83) tert-Butylbenzene	11.76	119	20274	0.774	ug/l		86
84) 1,2,4-Trimethylbenzene	11.67	105	12097	0.463	ug/l		82
85) sec-Butylbenzene	11.94	105	159904	5.347	ug/l		89
86) p-Isopropyltoluene	12.23	119	62567	2.249	ug/l		95
89) n-Butylbenzene	12.39	91	71609	3.018	ug/l		89
90) Hexachloroethane	12.67	117	73384	14.593	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4318	1.819	ug/l	#	1
95) Naphthalene	13.85	128	7145	0.235	ug/l	#	1

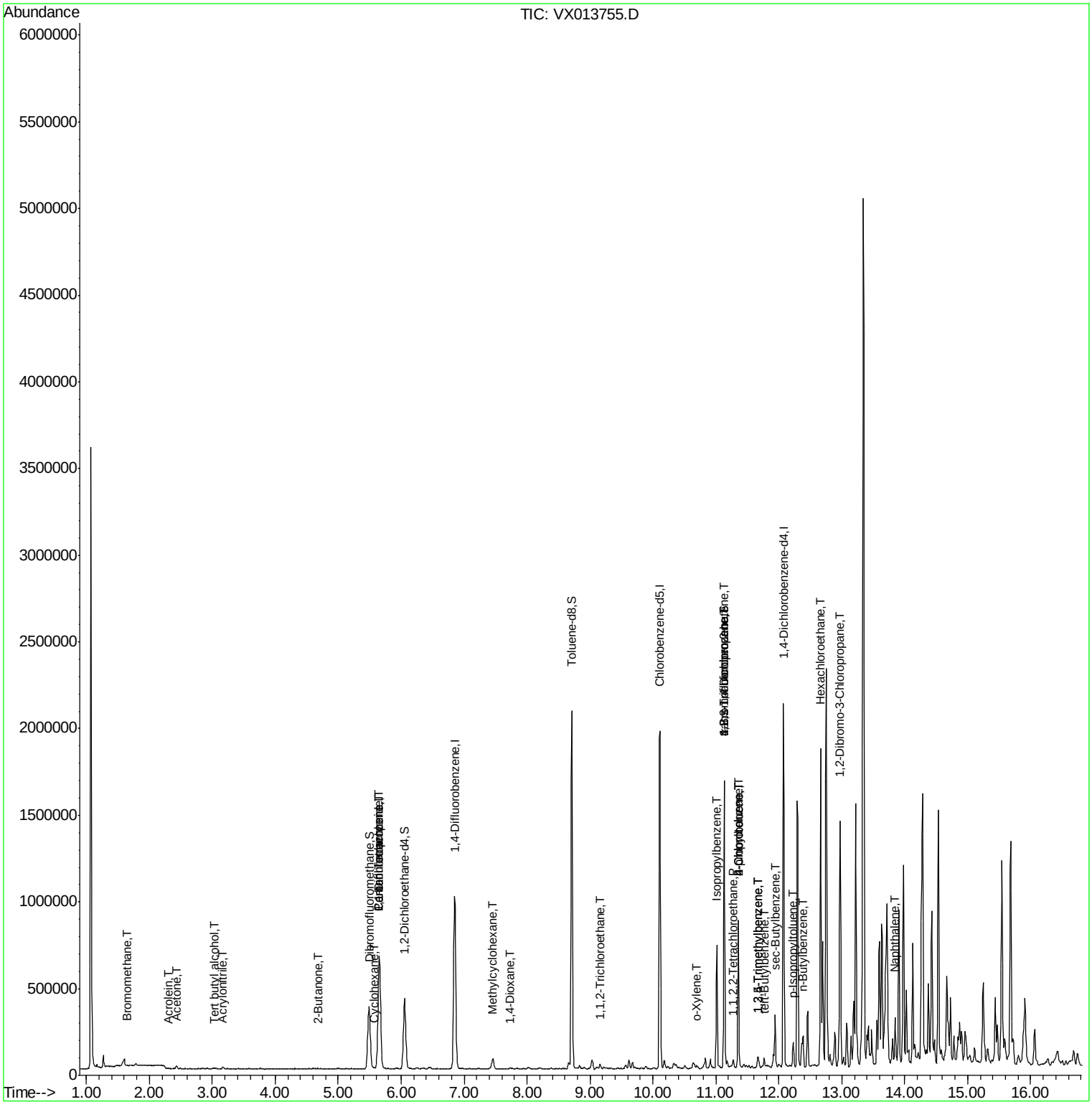
(#) = qualifier out of range (m) = manual integration (+) = signals summed

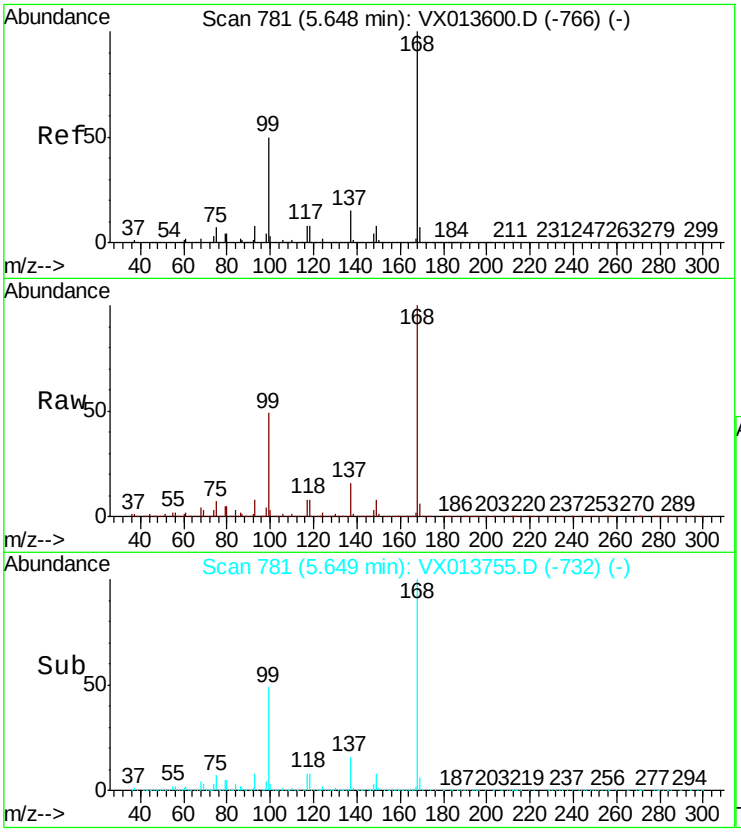
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013755.D
Acq On : 04 Dec 2019 17:27
Operator : JC/SP
Sample : K6098-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Quant Time: Dec 05 00:58:06 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



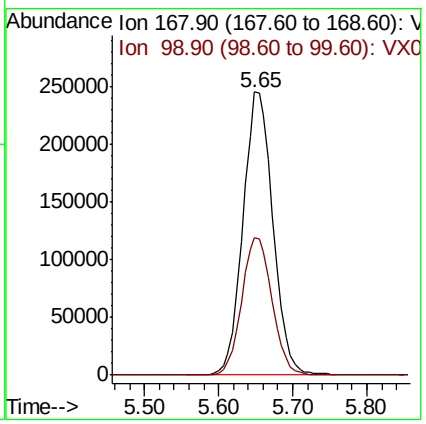


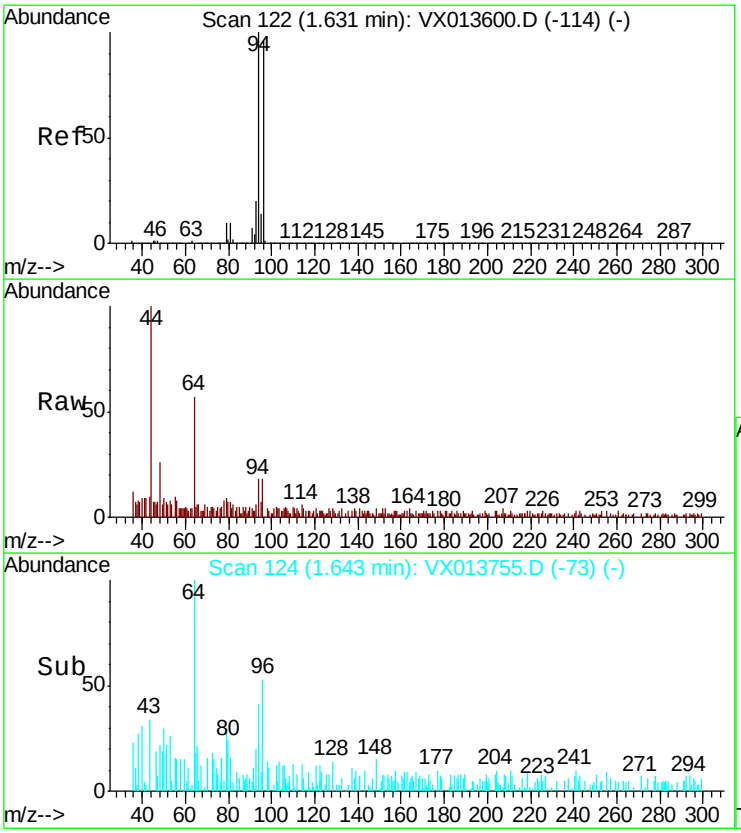
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:168 Resp: 691094

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.8	59.8

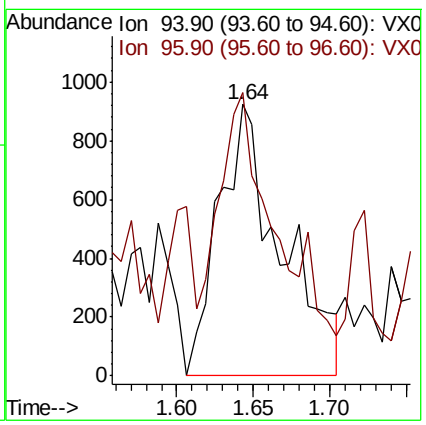


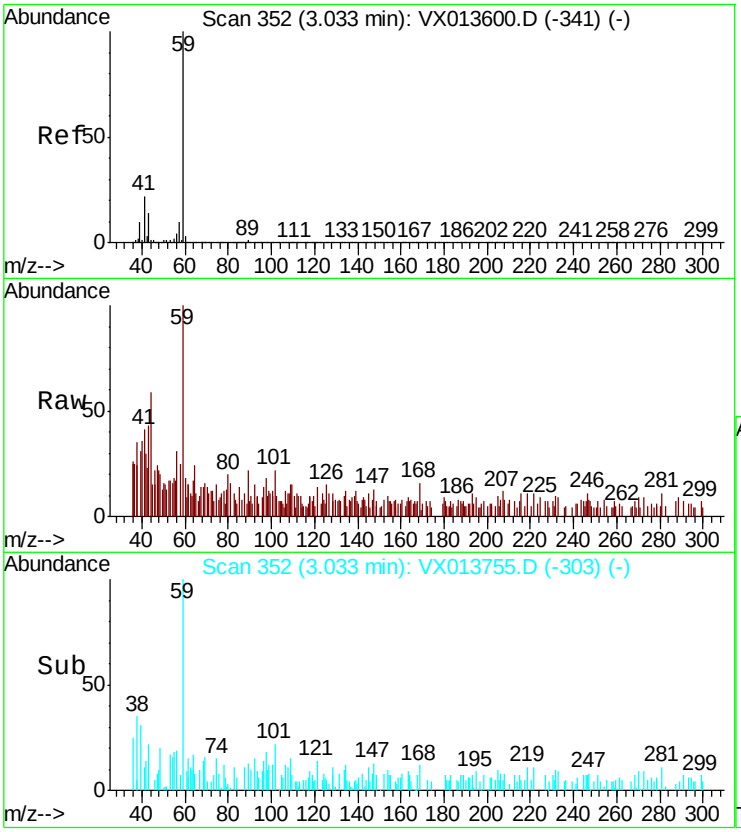


#5
Bromomethane
Concen: 0.402 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 94 Resp: 2625

Ion	Ratio	Lower	Upper
94	100		
96	108.4	77.0	115.4



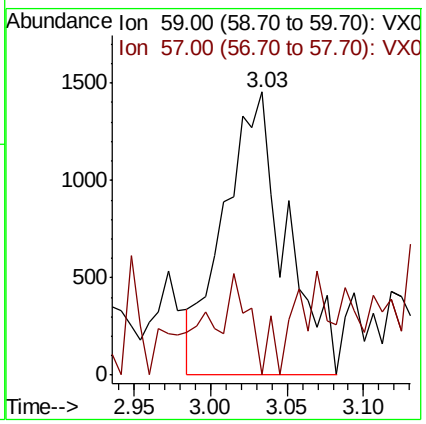


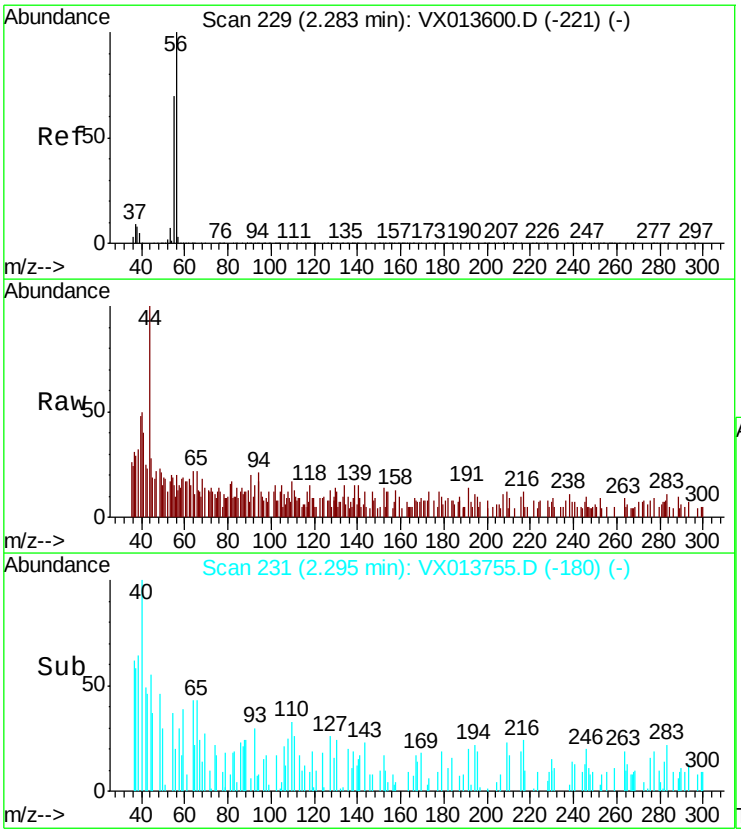
#11
Tert butyl alcohol
Concen: 2.044 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 59 Resp: 4048

Ion	Ratio	Lower	Upper
59	100		
57	22.0	7.8	11.6#

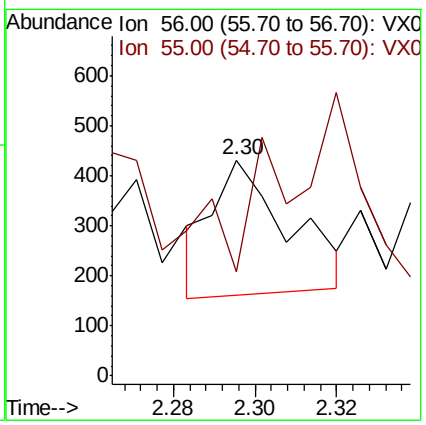


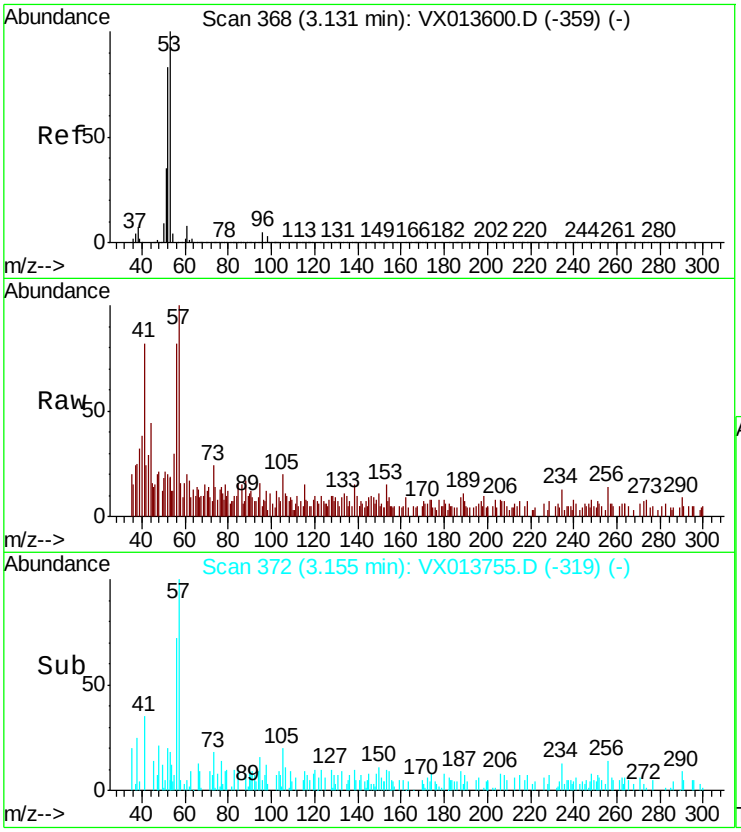


#13
Acrolein
Concen: 6.262 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 56 Resp: 350

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



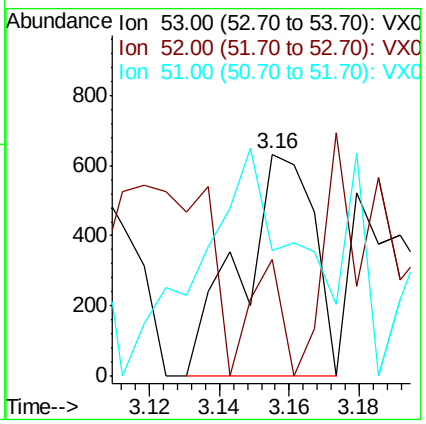


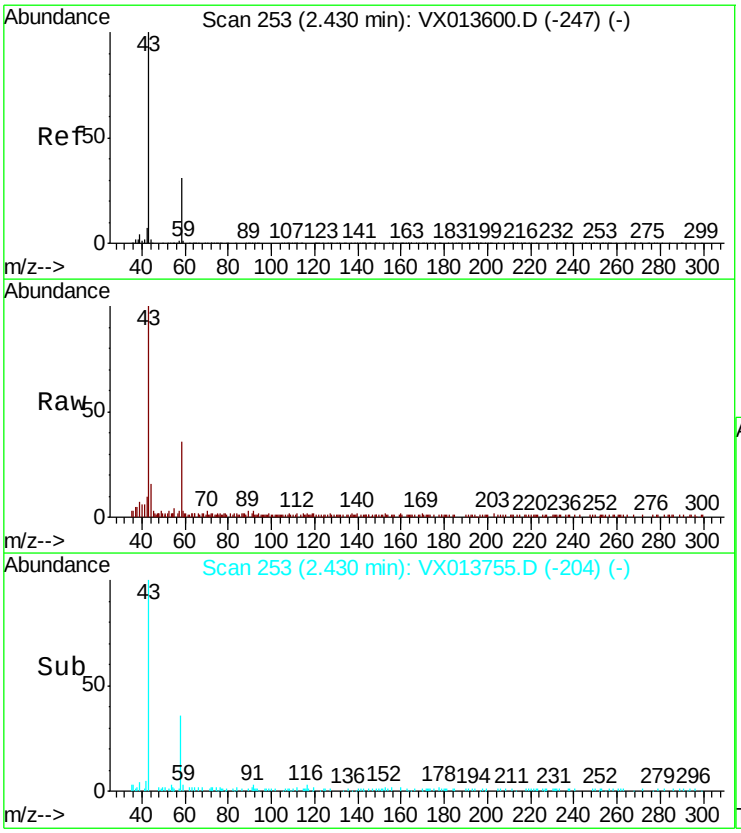
#15
Acrylonitrile
Concen: 0.224 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 53 Resp: 914

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	86.9	29.0	43.6#

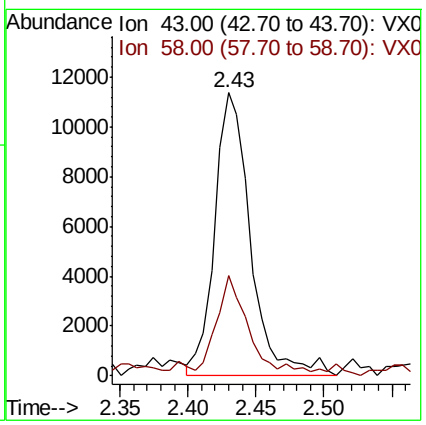


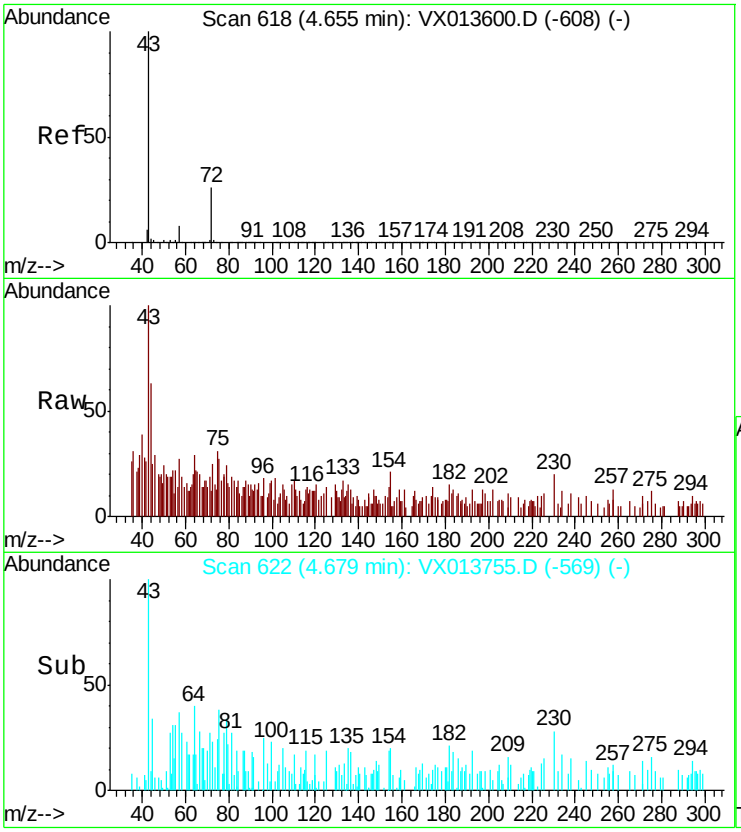


#16
Acetone
Concen: 5.260 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 43 Resp: 20832

Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.6	36.8



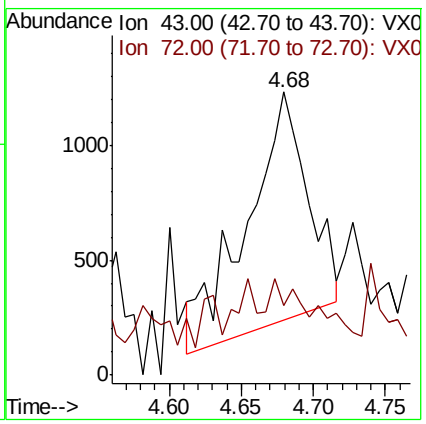


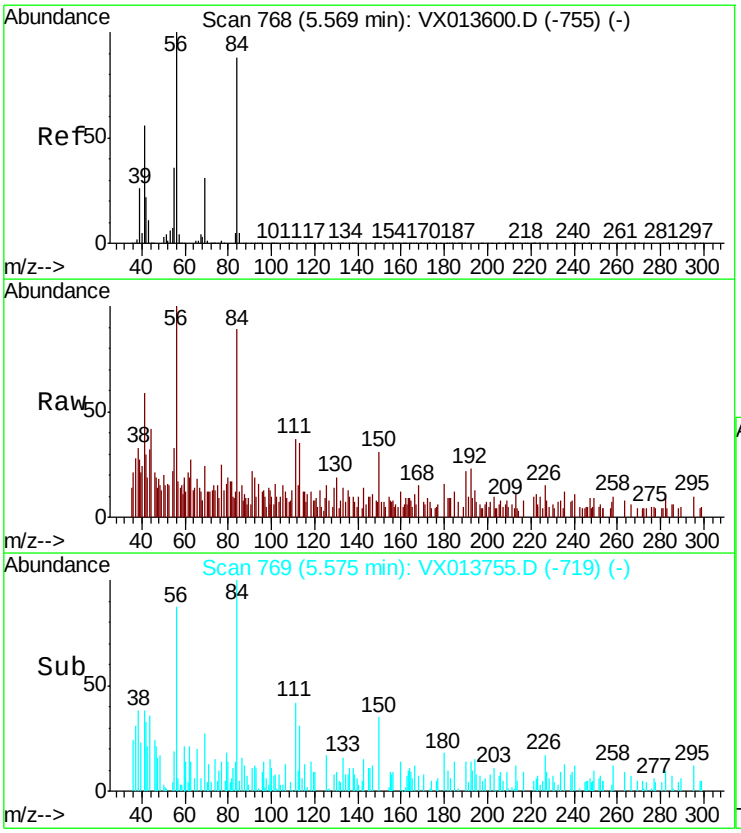
#25
2-Butanone
Concen: 0.499 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 43 Resp: 2940

Ion	Ratio	Lower	Upper
43	100		
72	6.0	20.6	31.0#

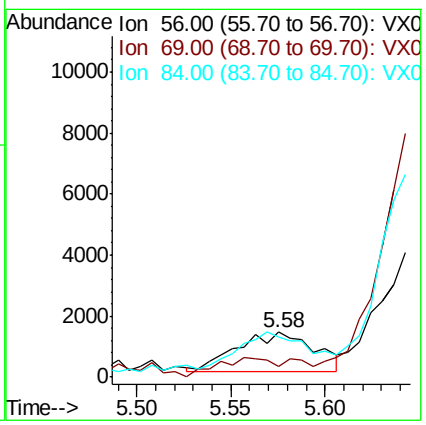


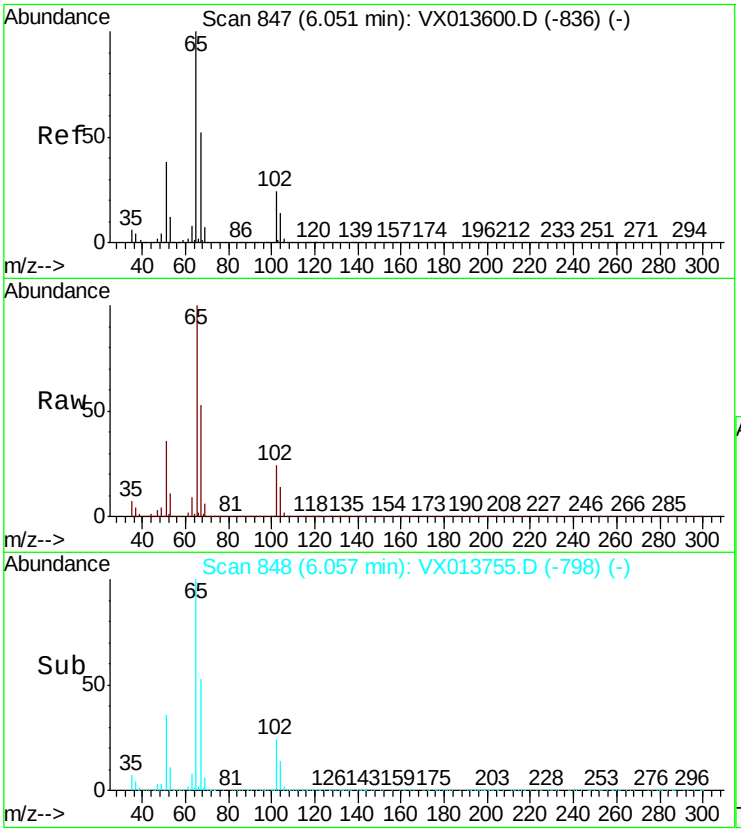


#31
Cyclohexane
Concen: 0.310 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 56 Resp: 3674

Ion	Ratio	Lower	Upper
56	100		
69	15.8	24.6	36.8#
84	80.1	70.0	105.0



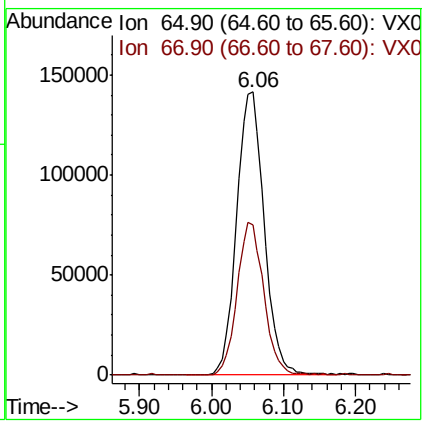


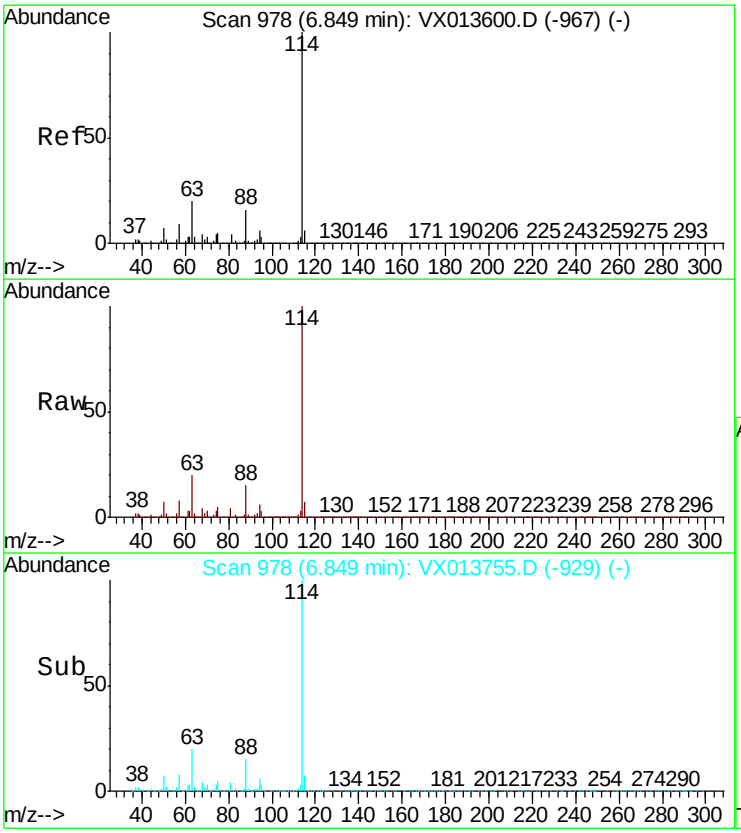
#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 65 Resp: 375472

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.4

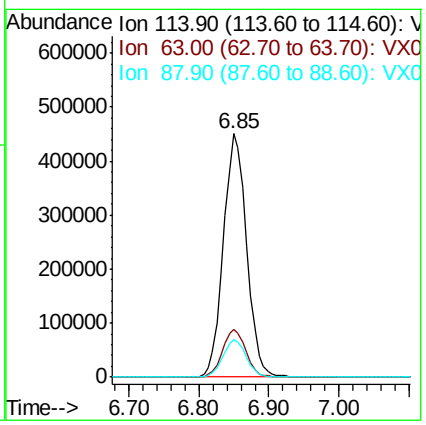


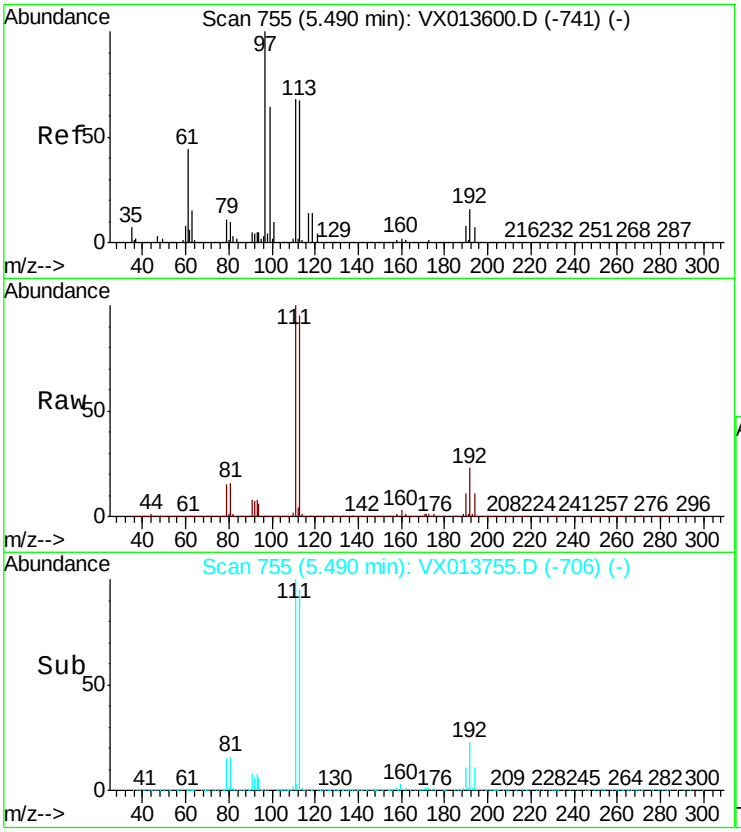


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion:114 Resp: 1041005

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.3	0.0	31.4



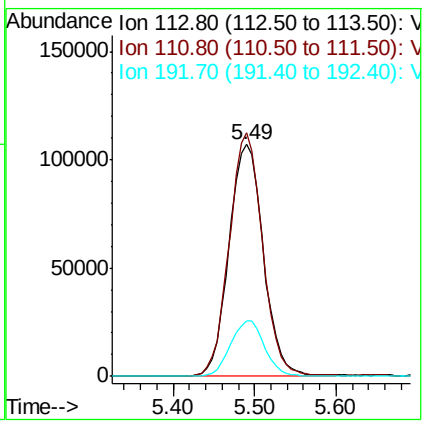


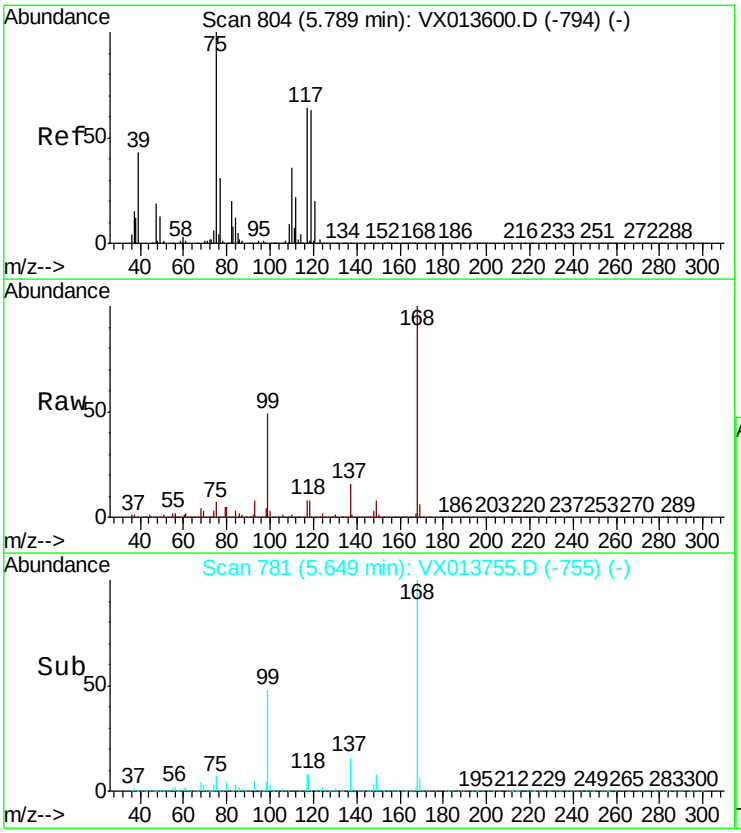
#35
Dibromofluoromethane
Concen: 48.077 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:113 Resp: 309406

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.6	125.4
192	24.1	19.2	28.8

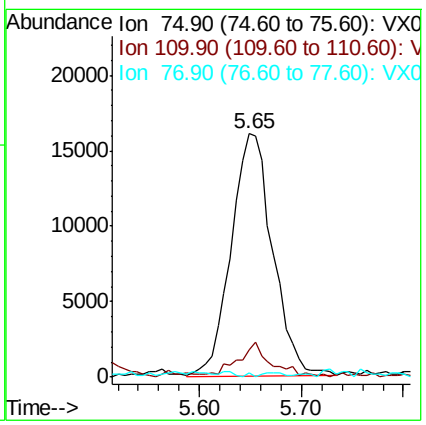


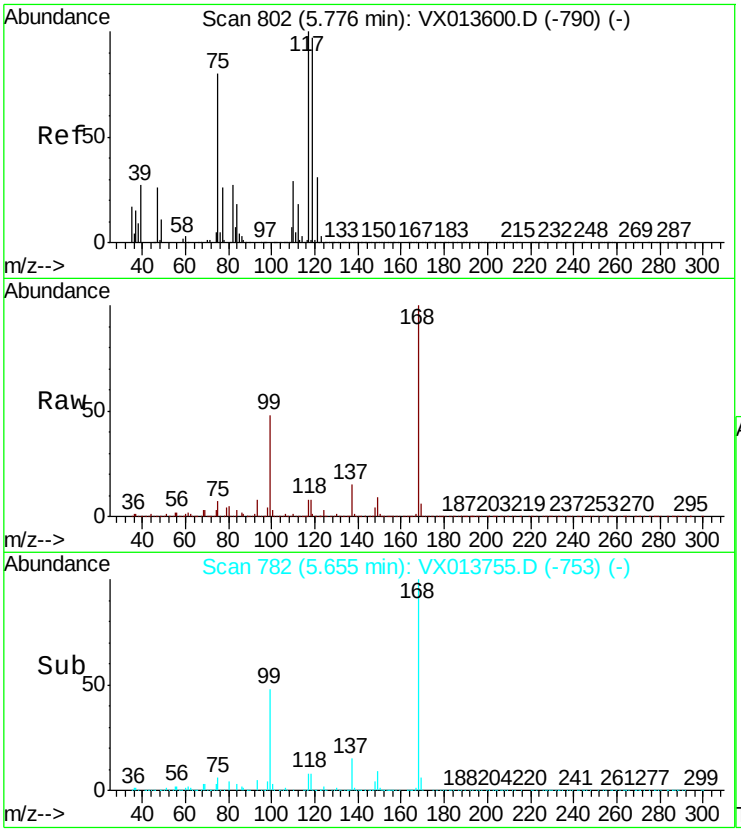


#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 75 Resp: 45276

Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.1	54.1#
77	0.0	24.5	36.7#



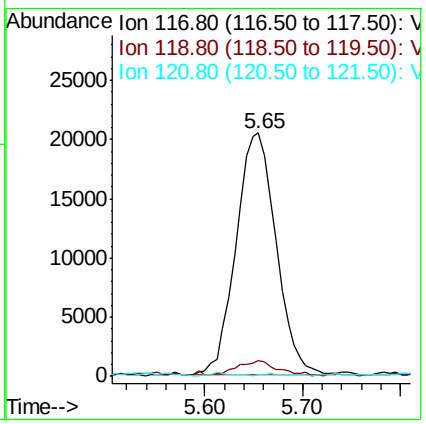


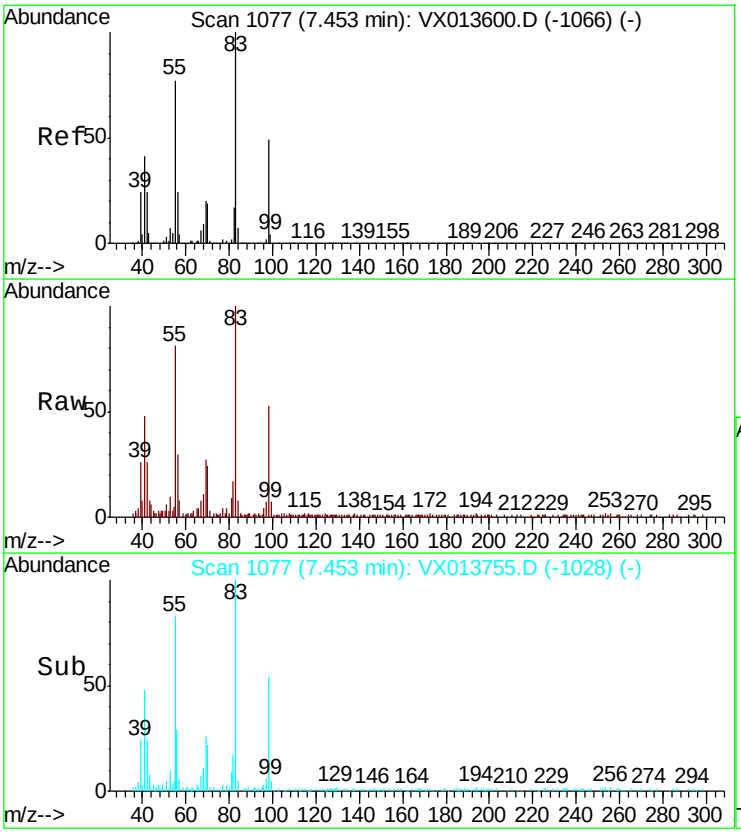
#38
Carbon Tetrachloride
Concen: 6.681 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:117 Resp: 58214

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.5	116.3#
121	0.0	25.0	37.6#

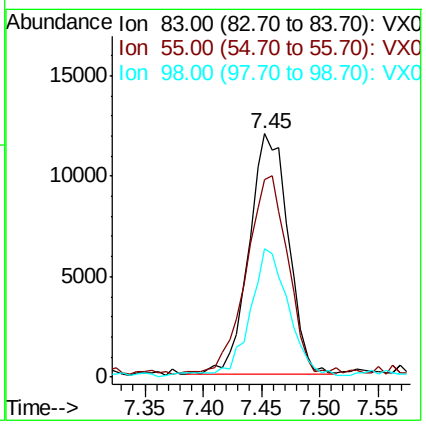


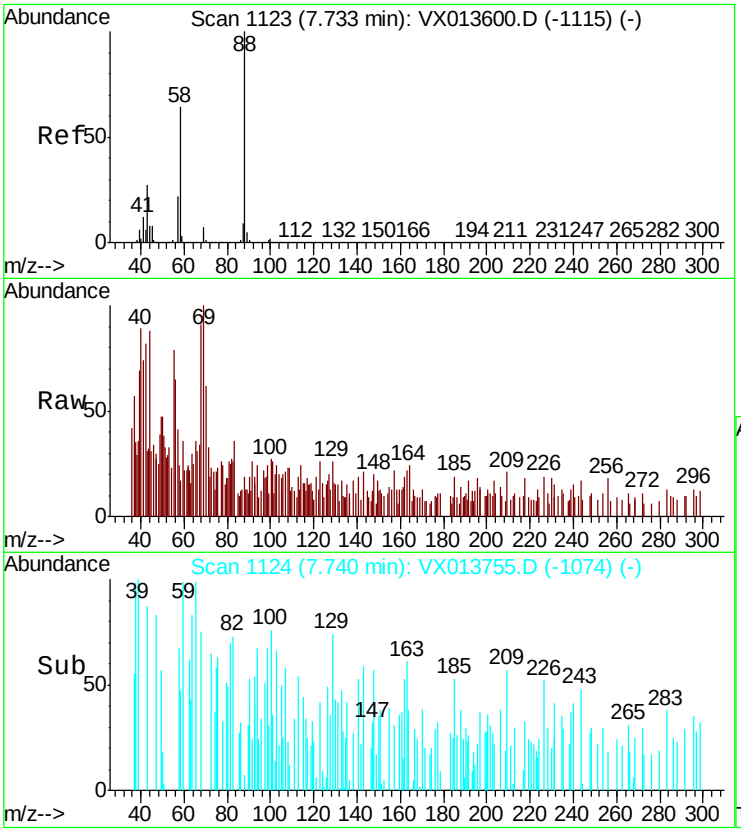


#39
Methylcyclohexane
Concen: 2.399 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 83 Resp: 28020

Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.9	92.9
98	52.6	39.4	59.0



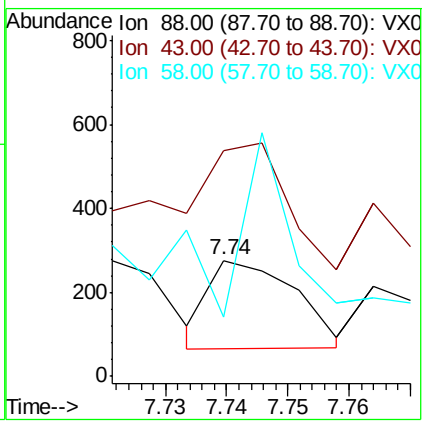


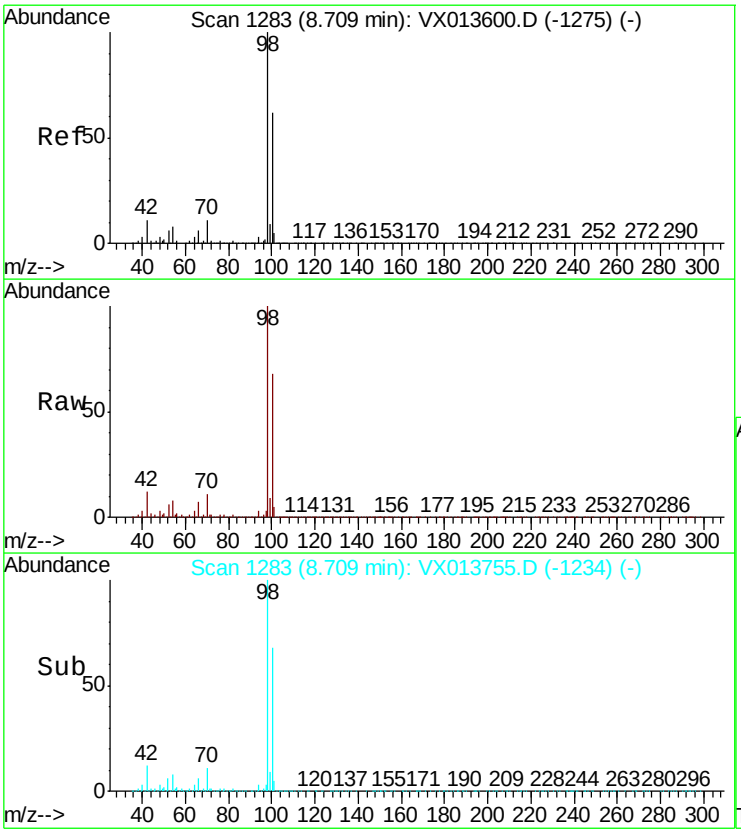
#49
1,4-Dioxane
Concen: 1.075 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument : MSVOA_X
ClientSampleId : OWL-C1-GW

Tgt Ion: 88 Resp: 204

Ion	Ratio	Lower	Upper
88	100		
43	202.9	25.8	38.6#
58	193.1	54.6	82.0#

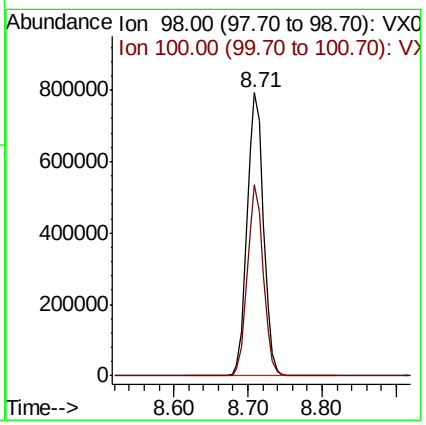


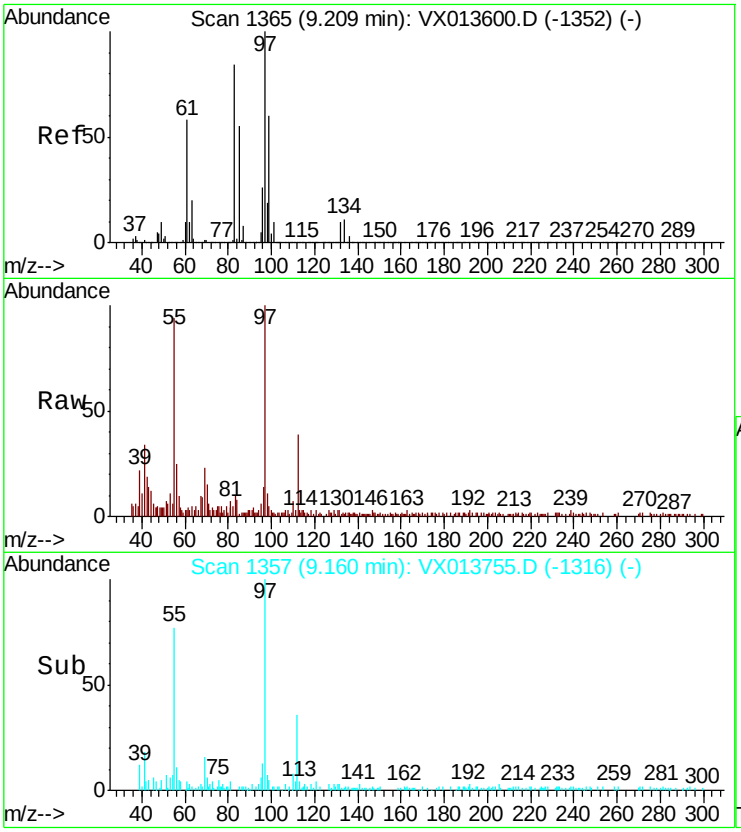


#50
Toluene-d8
Concen: 49.025 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 98 Resp: 1229251

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7



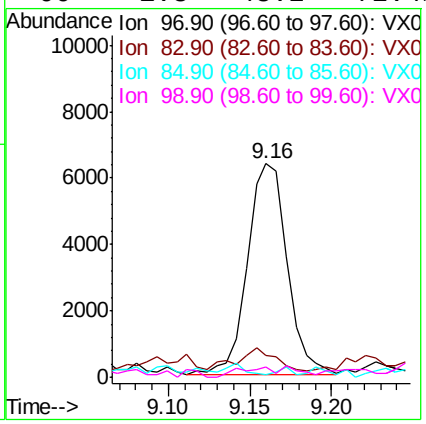


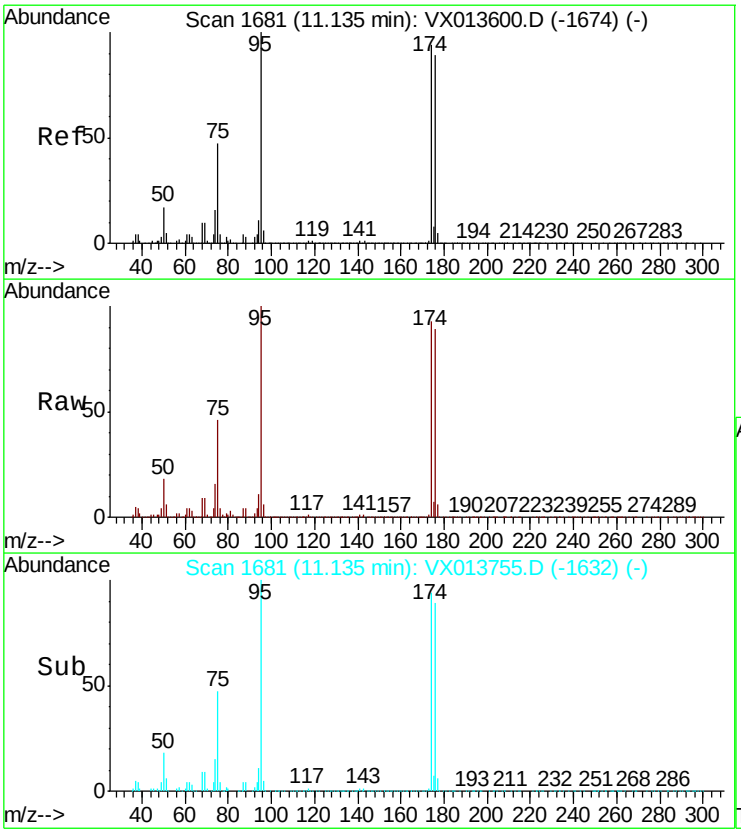
#55
1,1,2-Trichloroethane
Concen: 1.491 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 97 Resp: 10745

Ion	Ratio	Lower	Upper
97	100		
83	6.3	67.3	100.9#
85	0.2	43.6	65.4#
99	1.3	48.2	72.4#

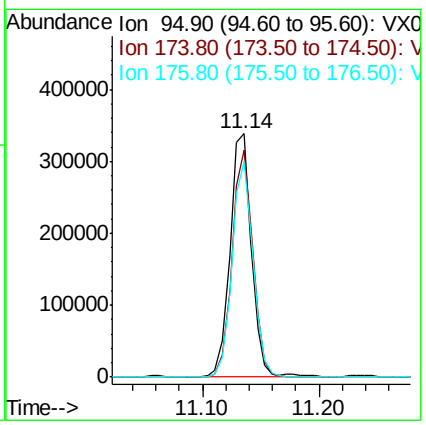


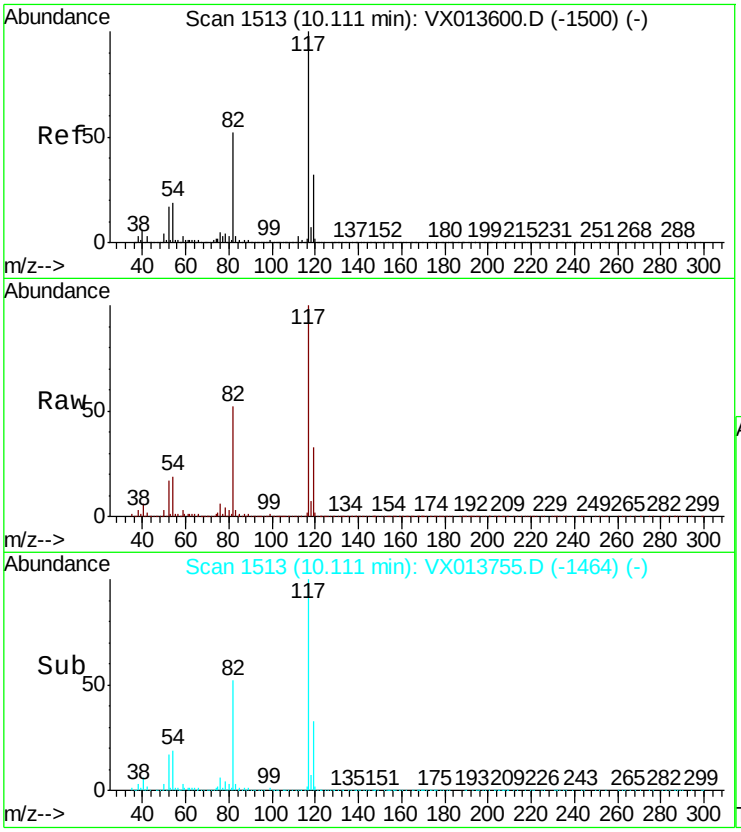


#62
4-Bromofluorobenzene
Concen: 47.973 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 95 Resp: 433757

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.0
176	87.1	0.0	173.6



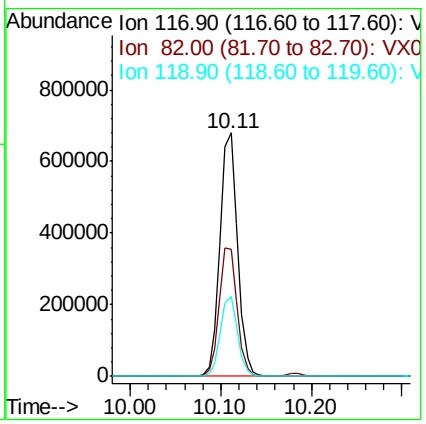


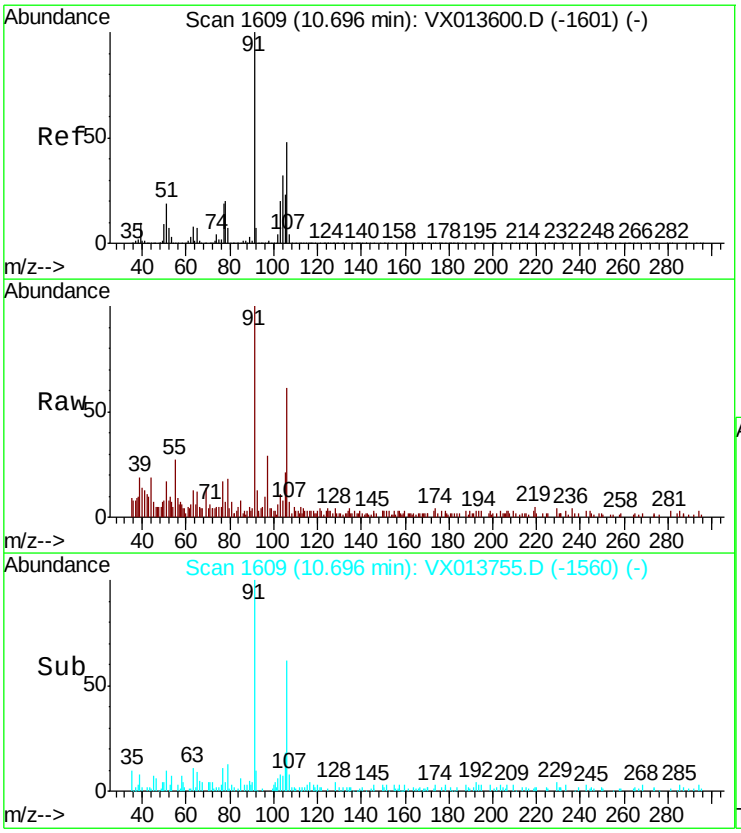
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:117 Resp: 925725

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	32.6	25.8	38.8

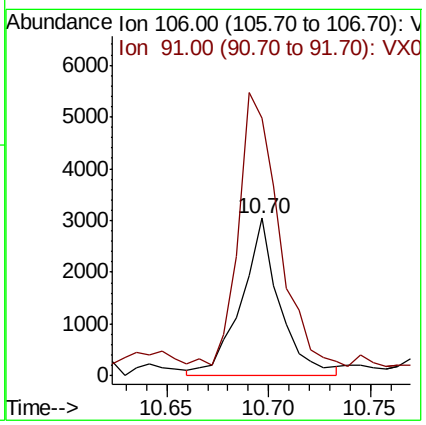


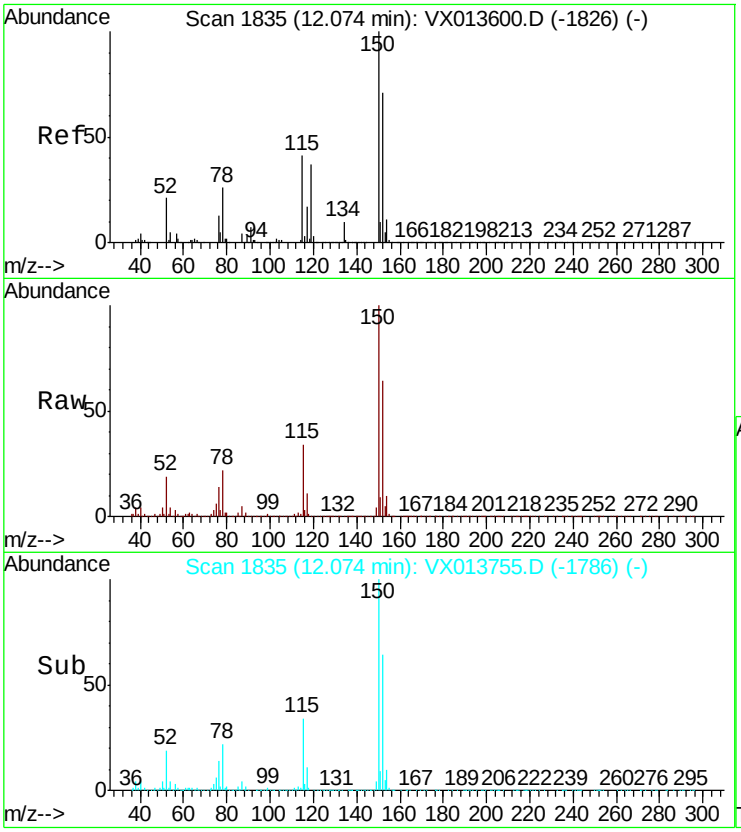


#69
o-Xylene
Concen: 0.325 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion:106 Resp: 4011

Ion	Ratio	Lower	Upper
106	100		
91	180.7	104.1	312.2



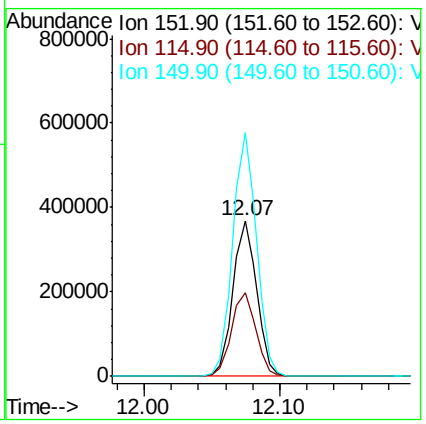


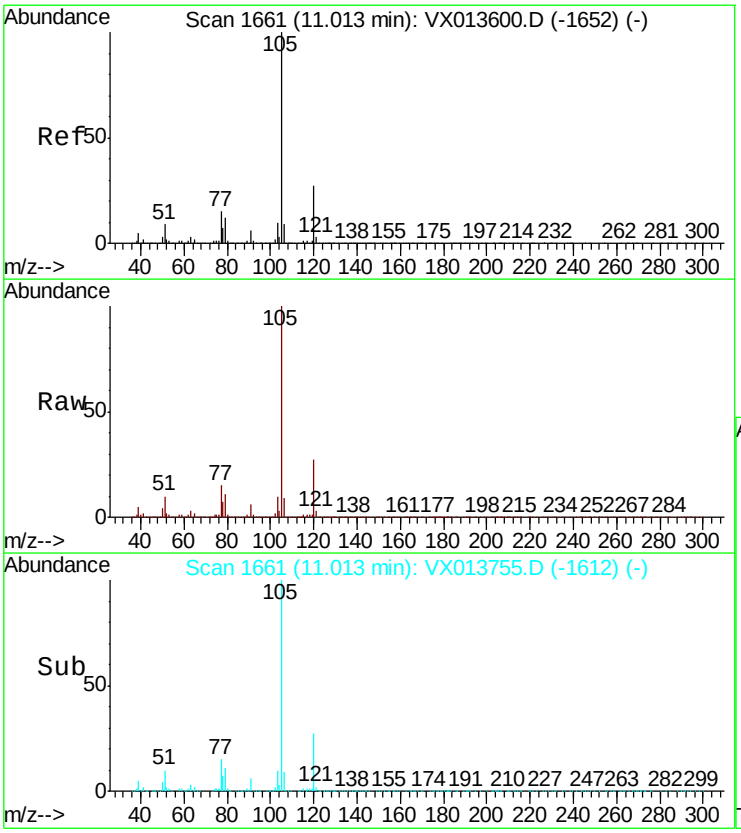
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:152 Resp: 448102

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	156.7	0.0	346.8

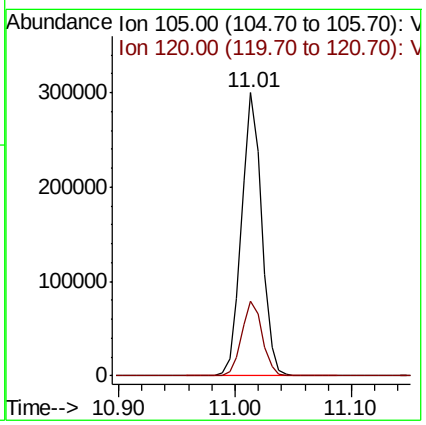


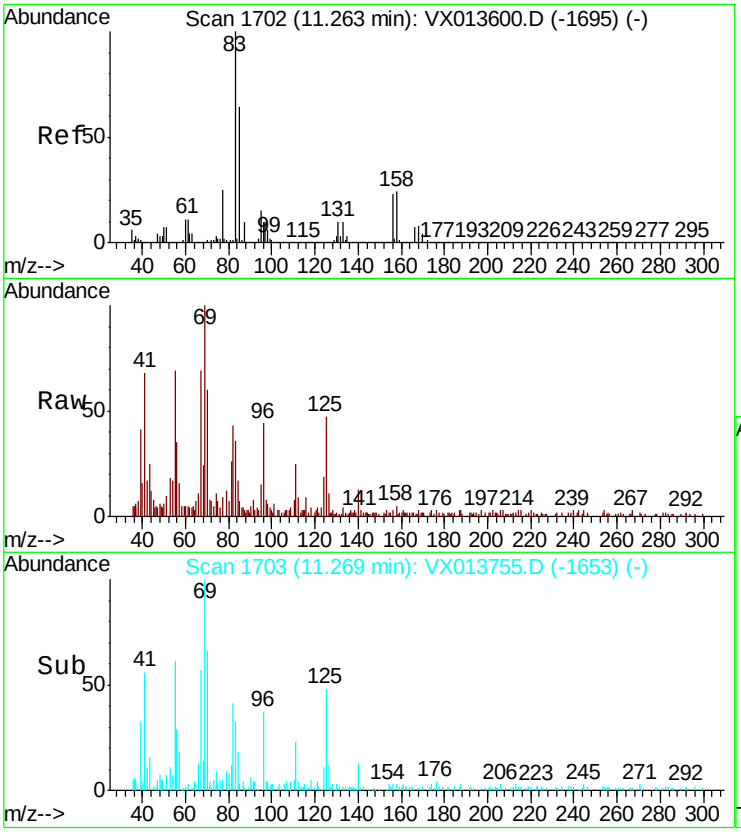


#73
Isopropylbenzene
Concen: 11.566 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion:105 Resp: 363548

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5



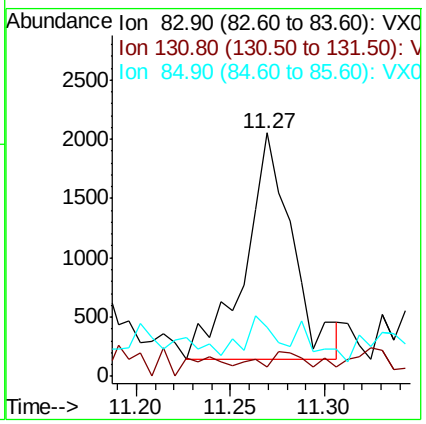


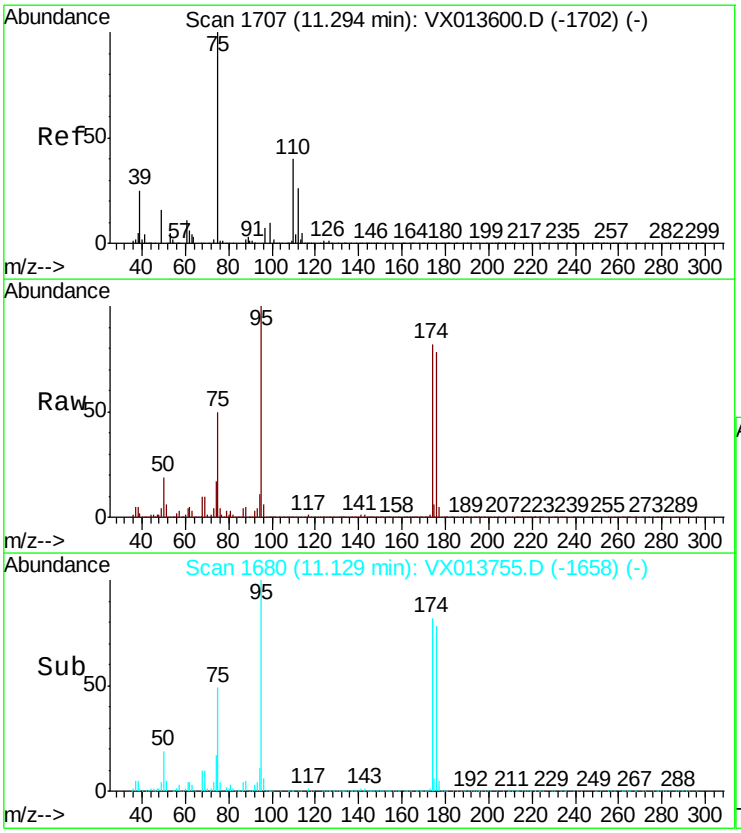
#75
1,1,2,2-Tetrachloroethane
Concen: 0.307 ug/l
RT: 11.27 min Scan# 1703
Delta R.T. 0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 83 Resp: 3345

Ion	Ratio	Lower	Upper
83	100		
131	7.8	5.1	15.3
85	9.9	31.8	95.3#

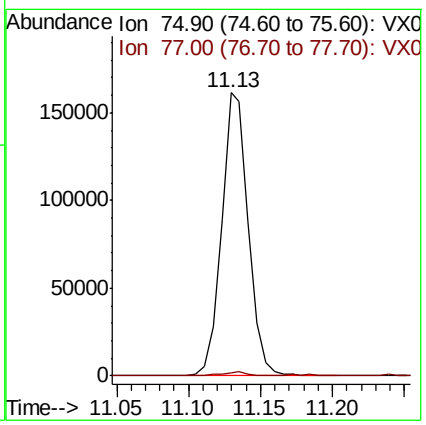


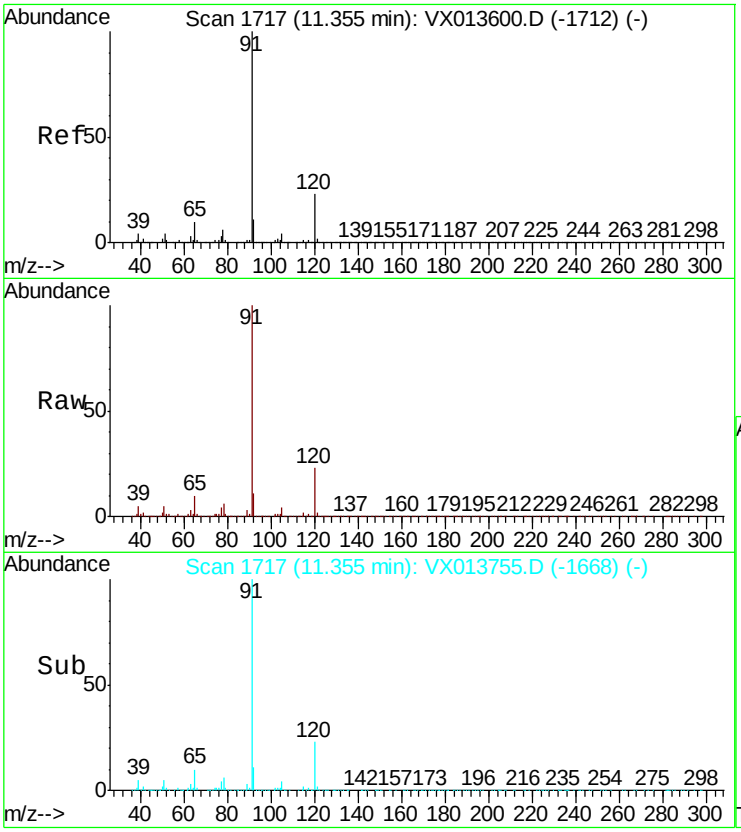


#76
1,2,3-Trichloropropane
Concen: 20.708 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 75 Resp: 208707

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



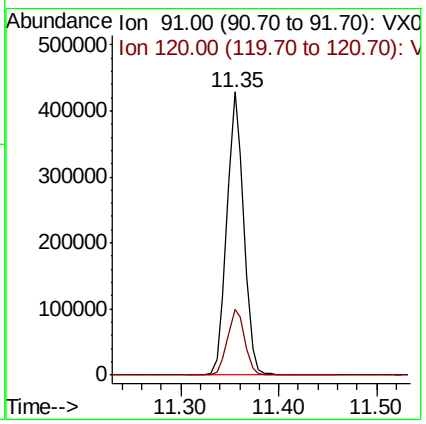


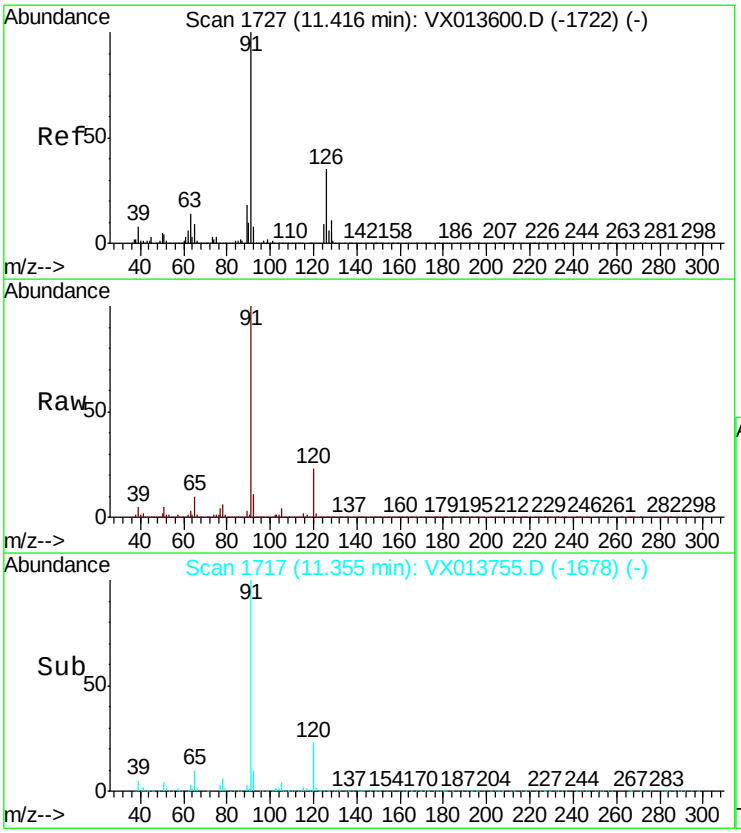
#78
n-propylbenzene
Concen: 14.601 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 91 Resp: 512320

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.3

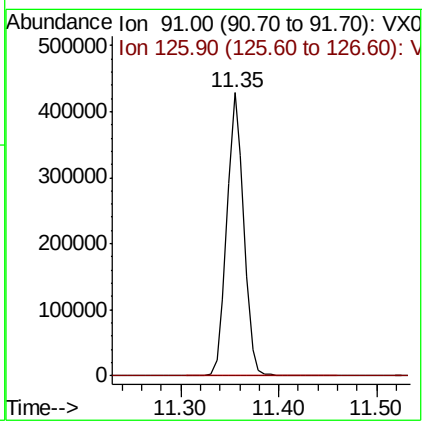


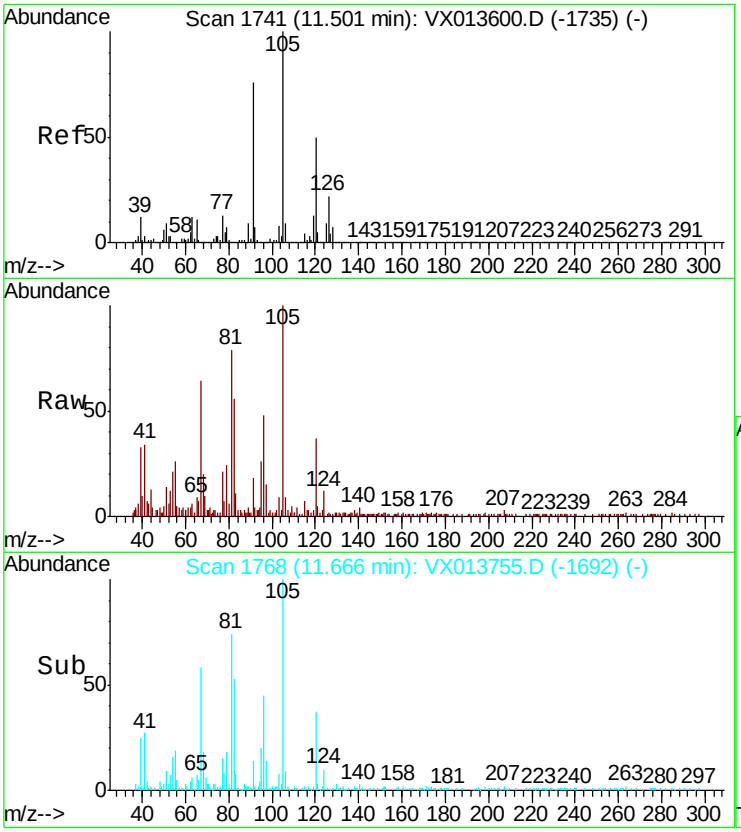


#79
2-Chlorotoluene
Concen: 24.340 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.06 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 91 Resp: 512320

Ion	Ratio	Lower	Upper
91	100		
126	0.1	17.5	52.5#



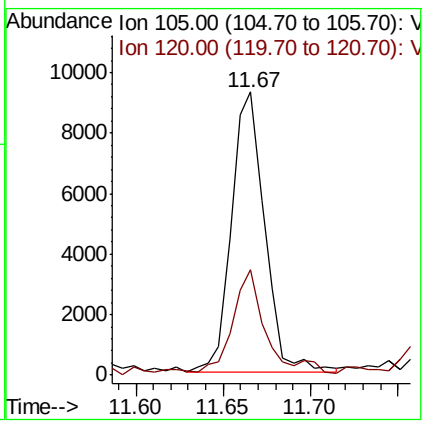


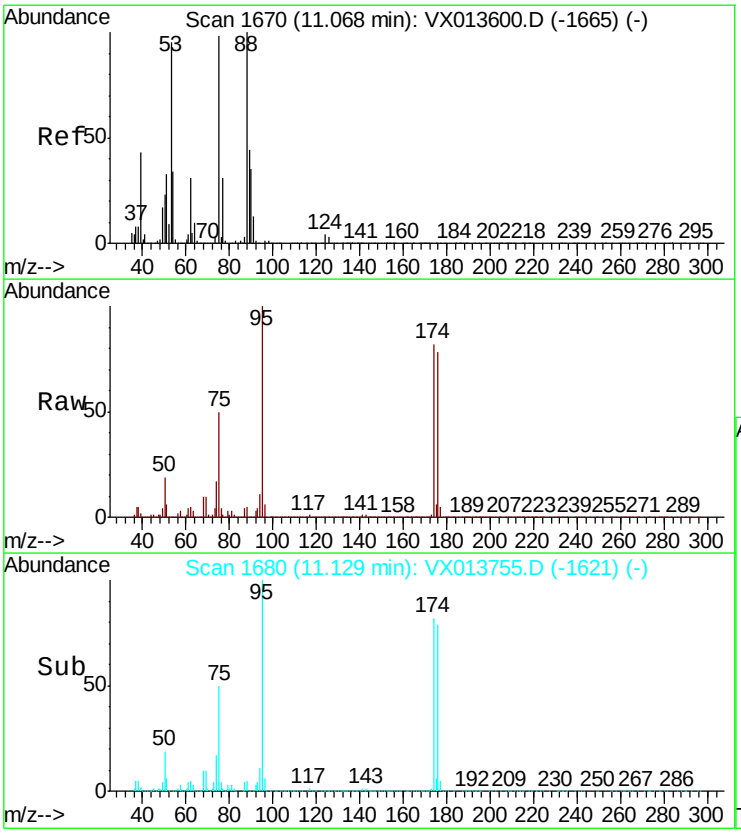
#80
1,3,5-Trimethylbenzene
Concen: 0.472 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. 0.16 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:105 Resp: 12150

Ion	Ratio	Lower	Upper
105	100		
120	32.7	25.3	75.9

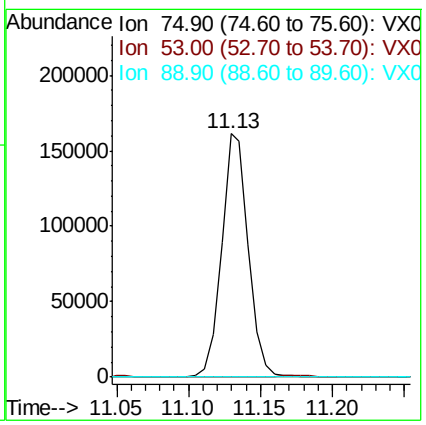


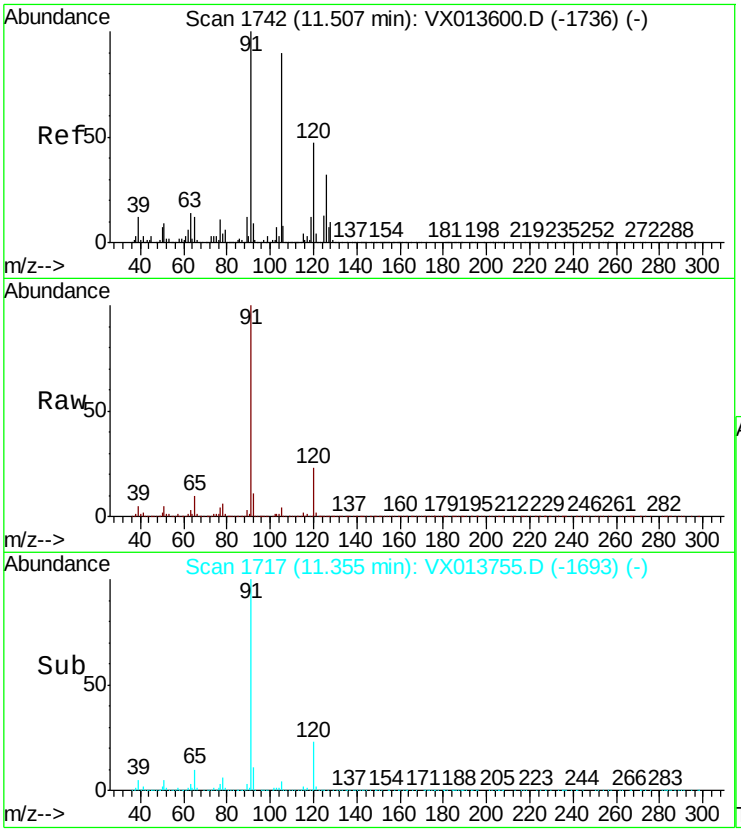


#81
trans-1,4-Dichloro-2-butene
Concen: 56.653 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 75 Resp: 208707

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



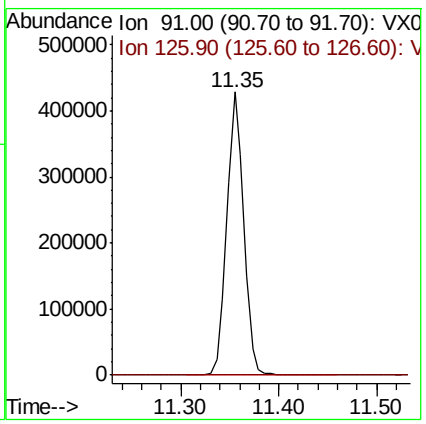


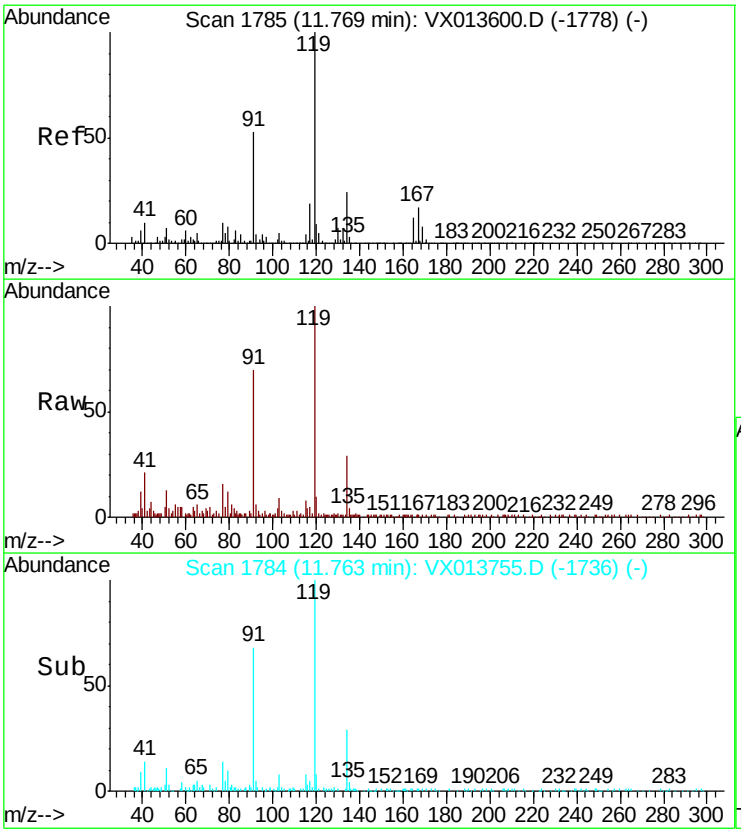
#82
4-Chlorotoluene
Concen: 21.015 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.15 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion: 91 Resp: 512320

Ion	Ratio	Lower	Upper
91	100		
126	0.1	15.7	47.0#

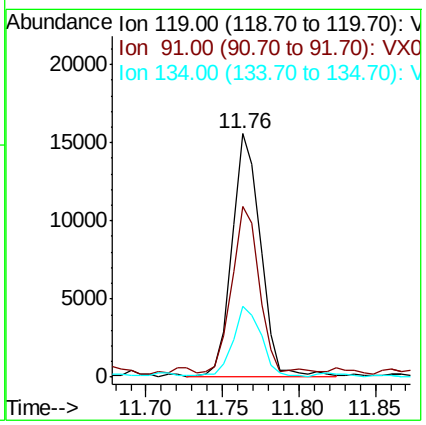


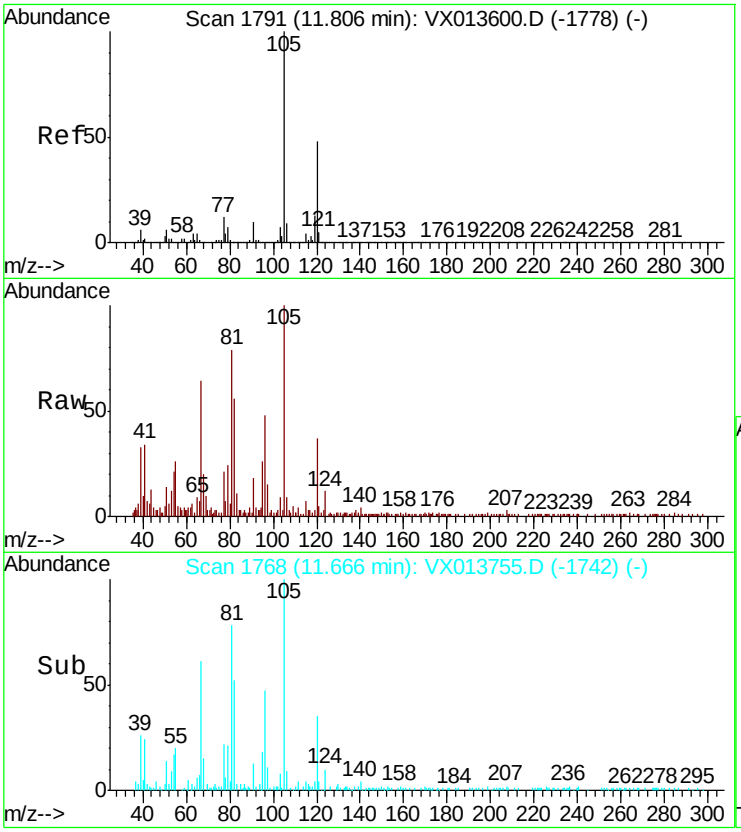


#83
tert-Butylbenzene
Concen: 0.774 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion:119 Resp: 20274

Ion	Ratio	Lower	Upper
119	100		
91	65.1	27.2	81.6
134	29.2	11.7	35.1



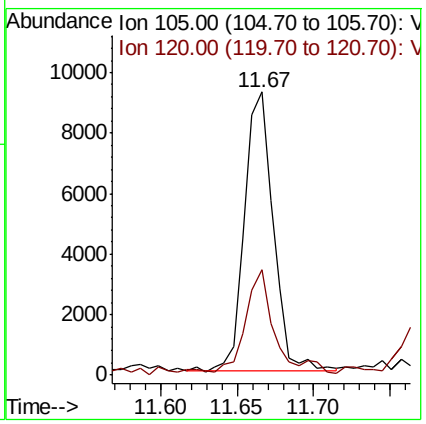


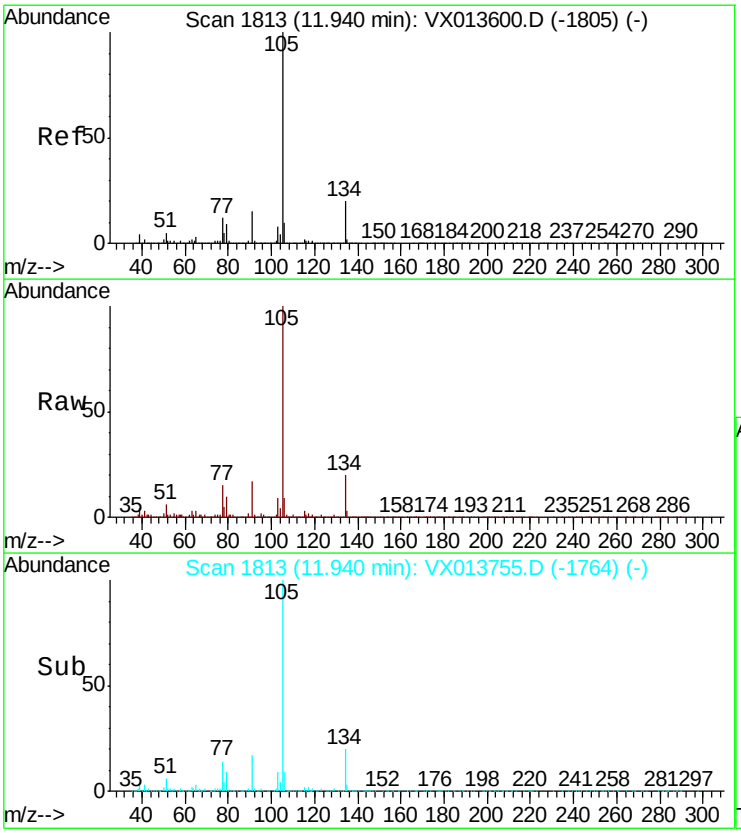
#84
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.14 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:105 Resp: 12097

Ion	Ratio	Lower	Upper
105	100		
120	34.0	23.1	69.3

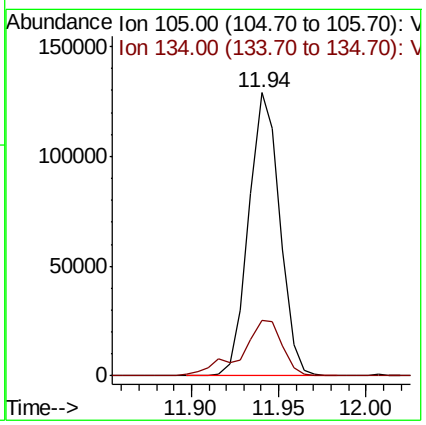


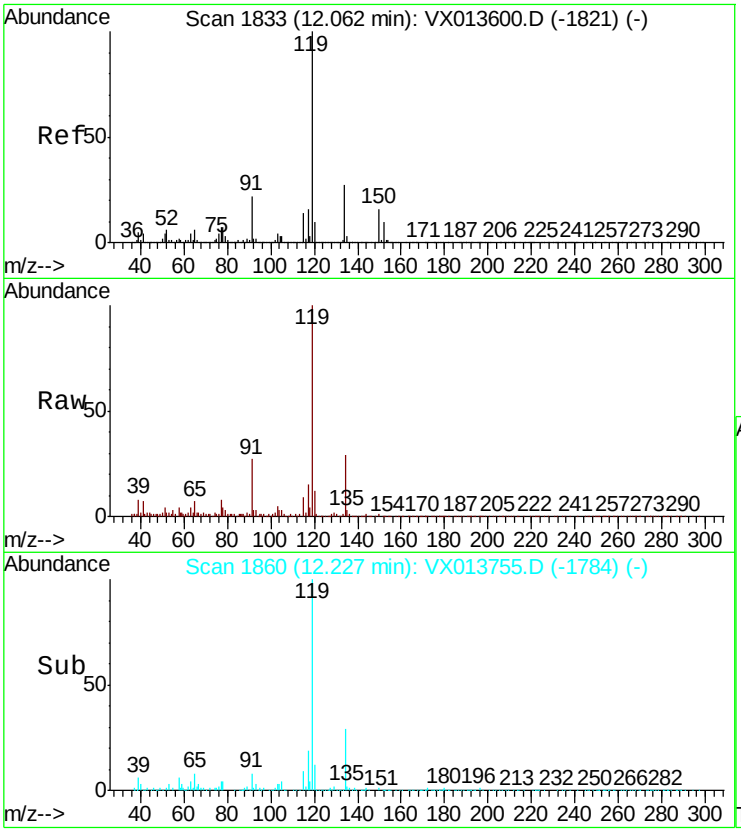


#85
sec-Butylbenzene
Concen: 5.347 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion:105 Resp: 159904

Ion	Ratio	Lower	Upper
105	100		
134	26.0	10.4	31.2



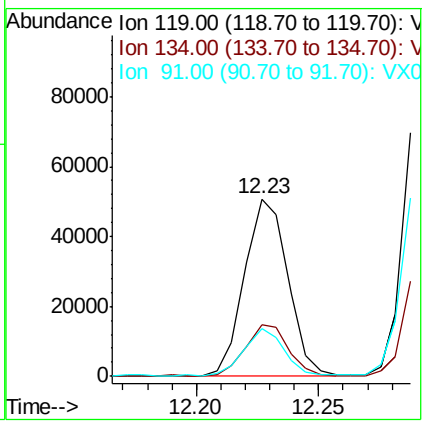


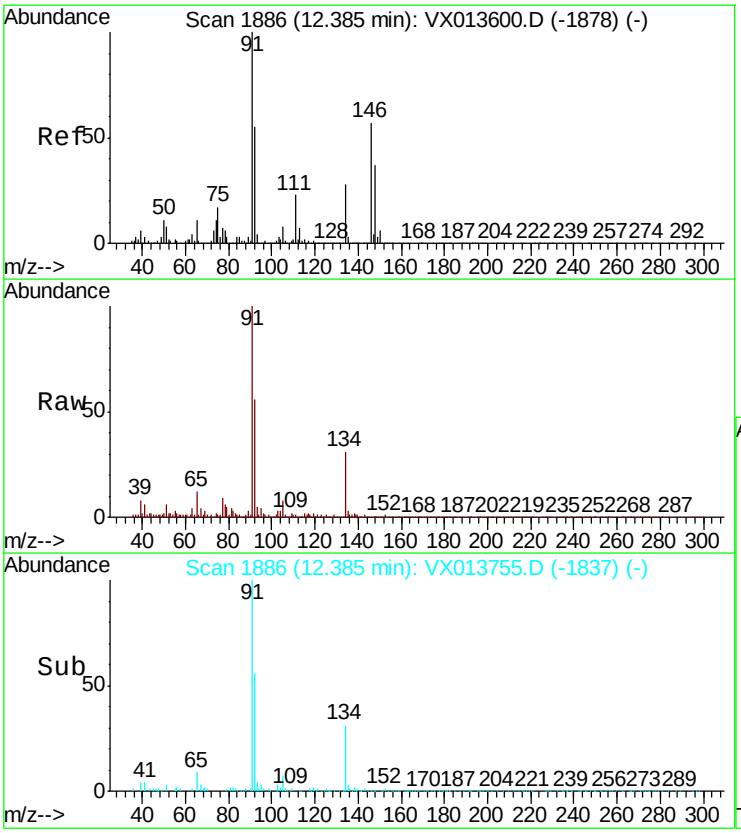
#86
p-Isopropyltoluene
Concen: 2.249 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:119 Resp: 62567

Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.3	39.9
91	24.6	11.3	33.8

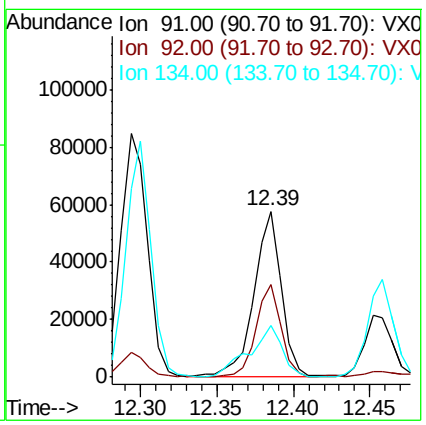


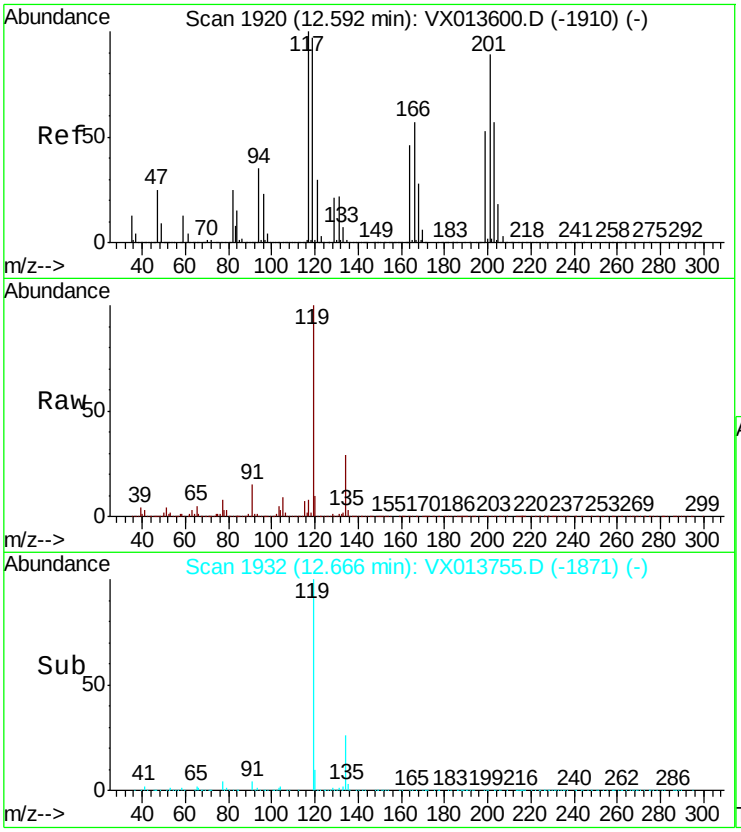


#89
n-Butylbenzene
Concen: 3.018 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 91 Resp: 71609

Ion	Ratio	Lower	Upper
91	100		
92	50.8	27.4	82.2
134	37.6	13.5	40.4



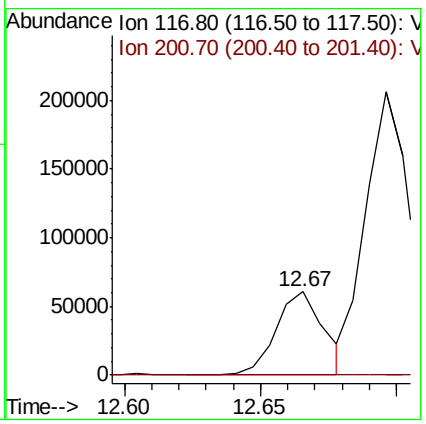


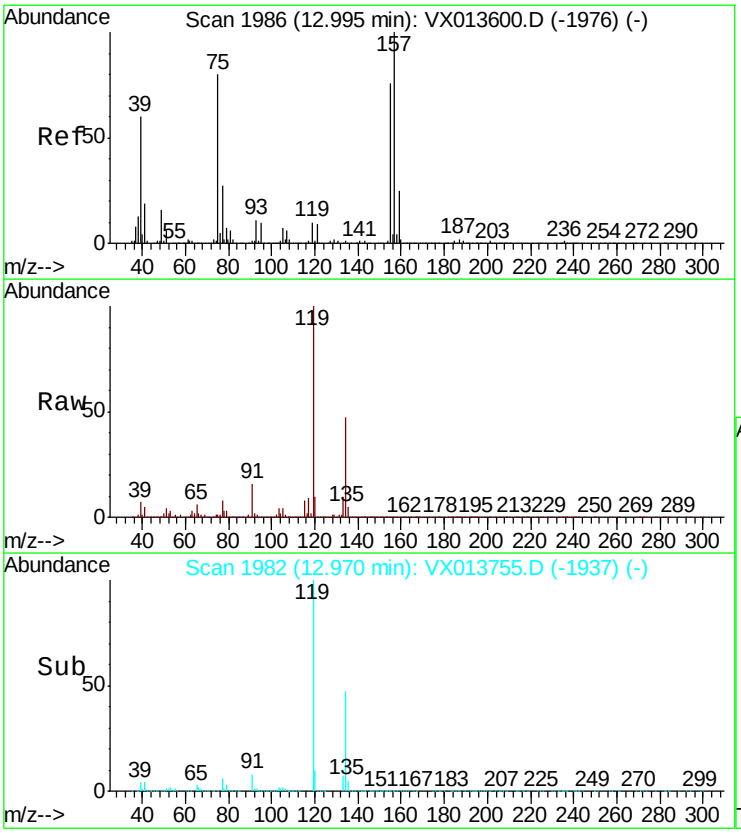
#90
Hexachloroethane
Concen: 14.593 ug/l
RT: 12.67 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:117 Resp: 73384

Ion	Ratio	Lower	Upper
117	100		
201	0.1	44.1	132.4#

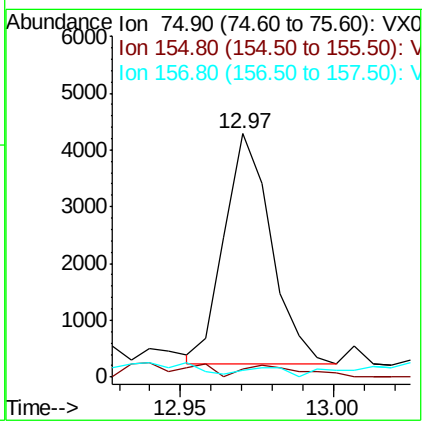


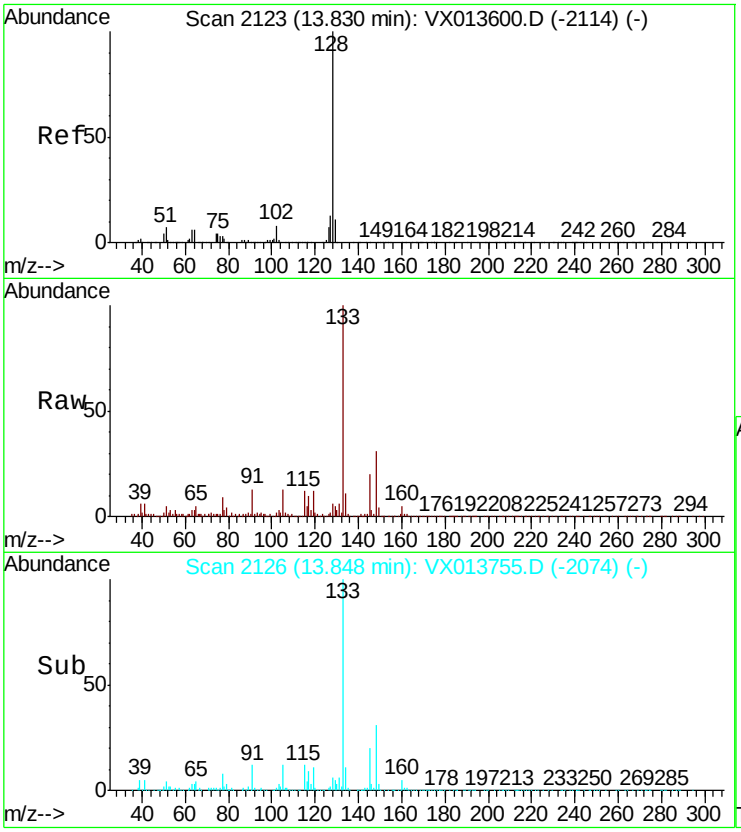


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.819 ug/l
RT: 12.97 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Tgt Ion: 75 Resp: 4318

Ion	Ratio	Lower	Upper
75	100		
155	6.3	47.6	142.8#
157	3.9	62.1	186.2#





#95
Naphthalene
Concen: 0.235 ug/l
RT: 13.85 min Scan# 2126
Delta R.T. 0.02 min
Lab File: VX013755.D
Acq: 04 Dec 2019 17:27

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tgt Ion:128 Resp: 7145

Ion	Ratio	Lower	Upper
128	100		
127	37.8	10.3	15.5#
129	76.3	8.7	13.1#