Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014182.D
Acq On : 20 Dec 2019 18:22
Operator : JC/SP
Sample : K6372-17DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Quant Time: Dec 20 22:30:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	564523	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	863088	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	783007	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	377859	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	314328	49.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.26%				
35) Dibromofluoromethane	5.49	113	255222	48.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.30%				
50) Toluene-d8	8.71	98	1030414	50.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.90%				
62) 4-Bromofluorobenzene	11.13	95	365900	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
Target Compounds							Qvalue
10) Methyl Iodide	2.50	142	403	2.675	ug/l	#	43
11) Tert butyl alcohol	3.07	59	332	0.240	ug/l	#	1
13) Acrolein	2.28	56	417	0.527	ug/l		96
16) Acetone	2.44	43	9624	2.317	ug/l		94
17) Carbon Disulfide	2.56	76	454	0.780	ug/l	#	75
20) Methylene Chloride	2.85	84	5493	0.840	ug/l	#	88
25) 2-Butanone	4.67	43	2554	0.499	ug/l	#	65
28) Bromochloromethane	5.01	49	978	0.688	ug/l	#	38
36) 1,1-Dichloropropene	5.65	75	37959	4.793	ug/l	#	45
38) Carbon Tetrachloride	5.65	117	49947	6.923	ug/l	#	15
39) Methylcyclohexane	7.46	83	19442	1.988	ug/l		92
40) Benzene	6.13	78	11532	0.473	ug/l		95
49) 1,4-Dioxane	7.73	88	94	0.652	ug/l	#	1
52) Toluene	8.78	92	3328	0.216	ug/l		98
67) Ethyl Benzene	10.25	91	809963	28.298	ug/l		99
68) m/p-Xylenes	10.35	106	30523	2.773	ug/l		94
69) o-Xylene	10.70	106	21327	1.975	ug/l		96
73) Isopropylbenzene	11.01	105	295421	11.104	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	175683	21.416	ug/l	#	39
78) n-propylbenzene	11.35	91	283746	9.509	ug/l		99
79) 2-Chlorotoluene	11.45	91	39917	2.201	ug/l	#	46
80) 1,3,5-Trimethylbenzene	11.50	105	198497	8.865	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	175972	60.547	ug/l	#	11
82) 4-Chlorotoluene	11.50	91	20422	0.971	ug/l	#	47
83) tert-Butylbenzene	11.80	119	147466	6.768	ug/l	#	58
84) 1,2,4-Trimethylbenzene	11.80	105	1178467	52.557	ug/l		99
85) sec-Butylbenzene	11.80	105	1178467	45.814	ug/l	#	56
86) p-Isopropyltoluene	12.02	119	54570	2.319	ug/l		96
89) n-Butylbenzene	12.37	91	26947	1.342	ug/l	#	10
90) Hexachloroethane	12.75	117	509217	120.487	ug/l	#	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1032	0.506	ug/l	#	10
95) Naphthalene	13.83	128	6846202	277.613	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014182.D
Acq On : 20 Dec 2019 18:22
Operator : JC/SP
Sample : K6372-17DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: Dec 20 22:30:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
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Quant Title : SW846 8260
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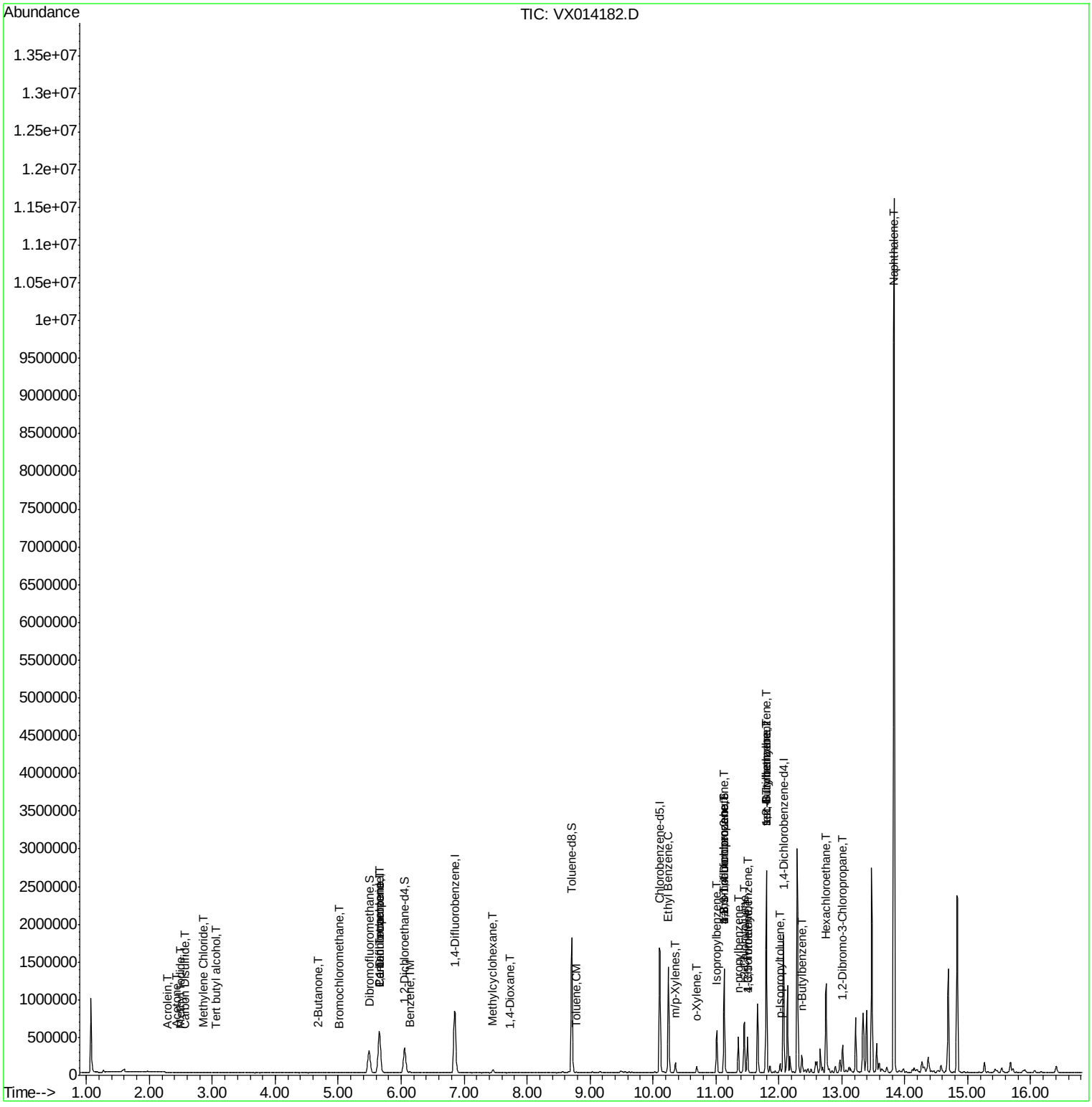
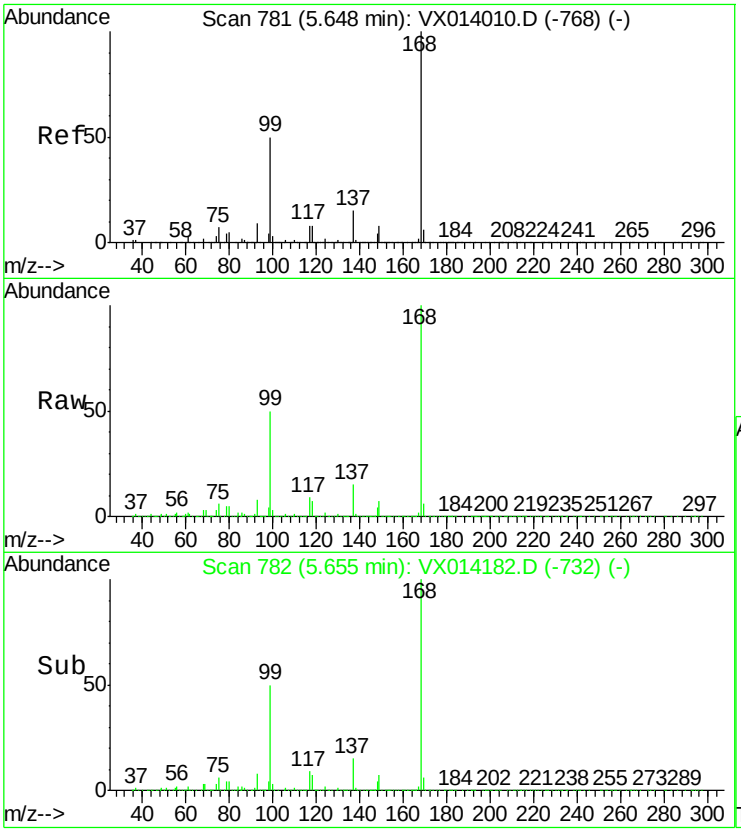
Response via : Initial Calibration



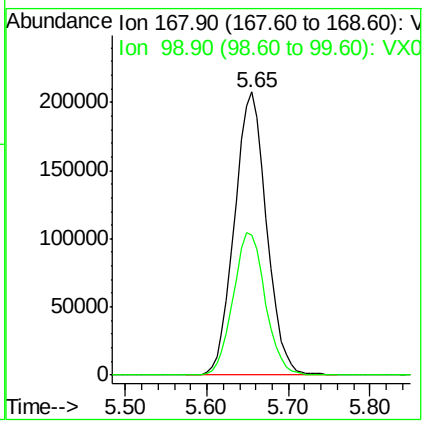


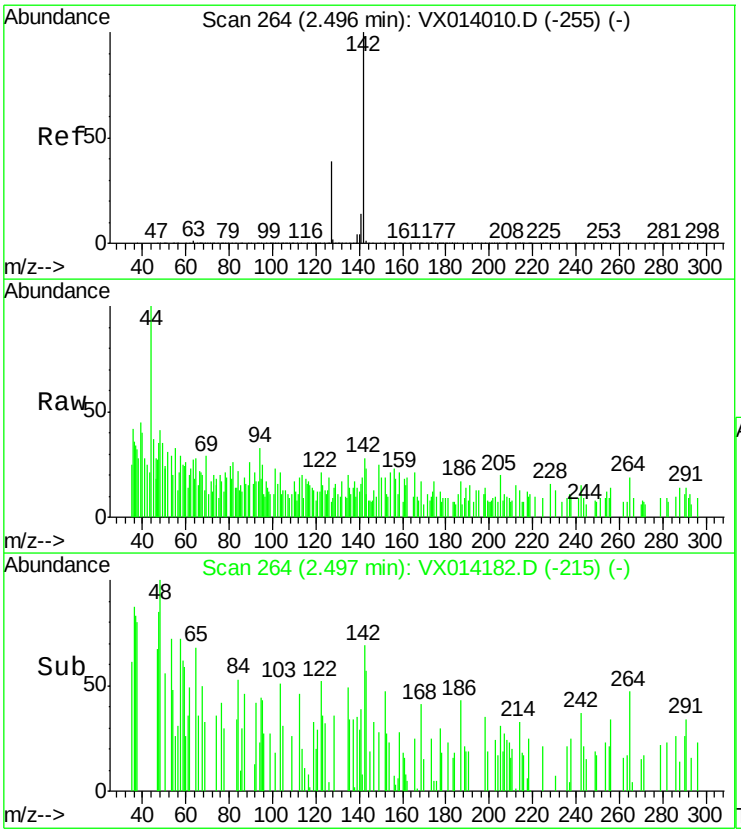
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:168 Resp: 564523

Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.3	60.5

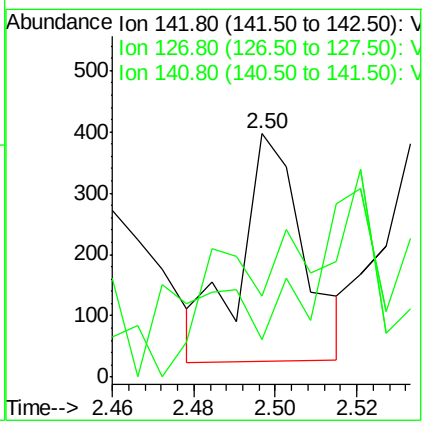


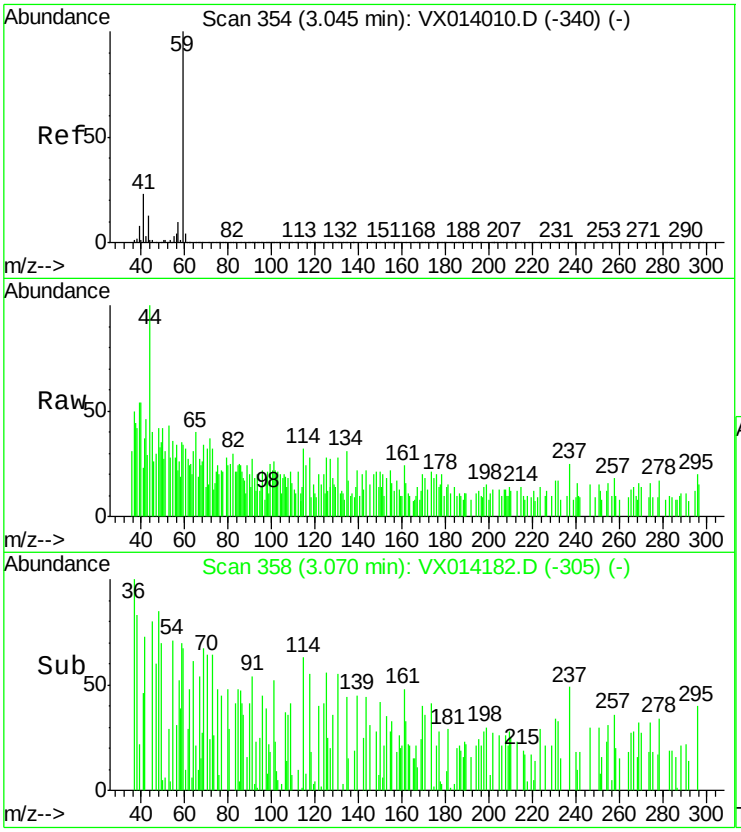


#10
Methyl Iodide
Concen: 2.675 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:142 Resp: 403

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.6	47.4#
141	0.0	11.6	17.4#



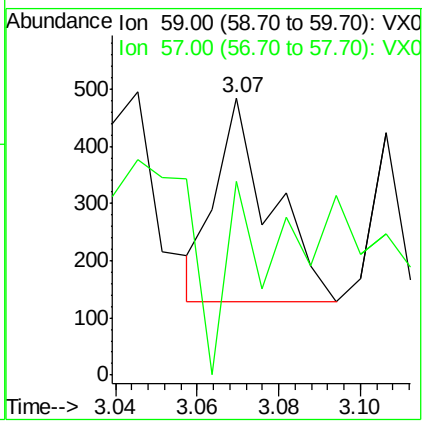


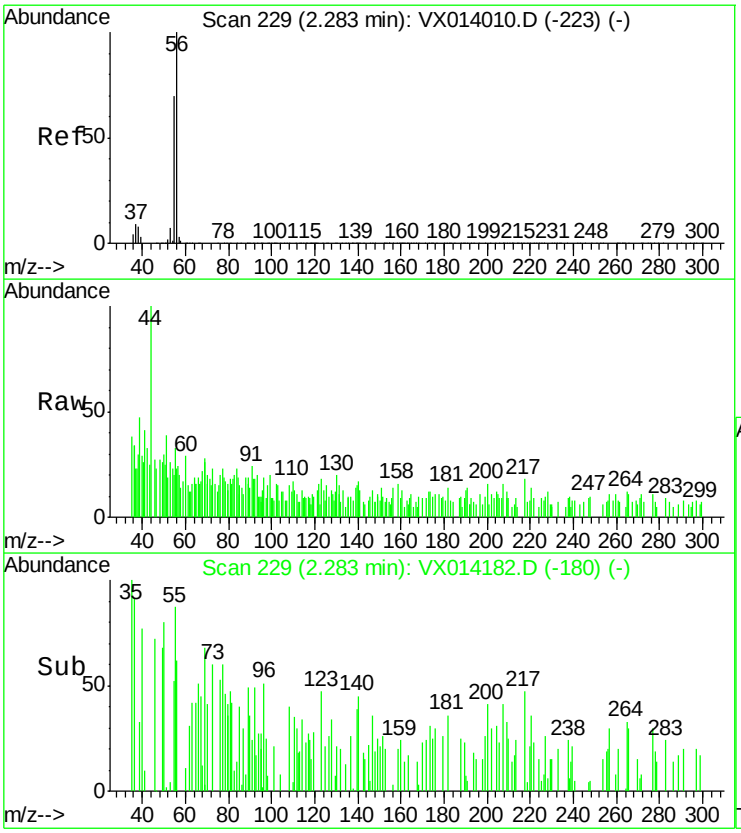
#11
Tert butyl alcohol
Concen: 0.240 ug/l
RT: 3.07 min Scan# 358
Delta R.T. 0.02 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 59 Resp: 332

Ion	Ratio	Lower	Upper
59	100		
57	224.4	8.4	12.6#

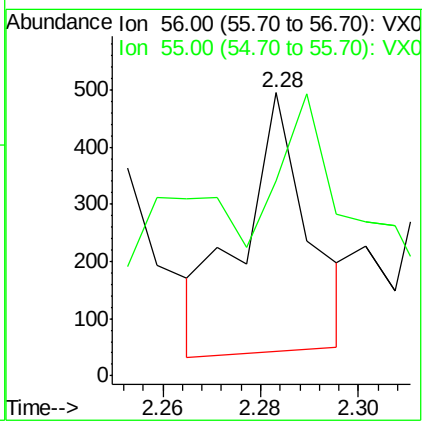


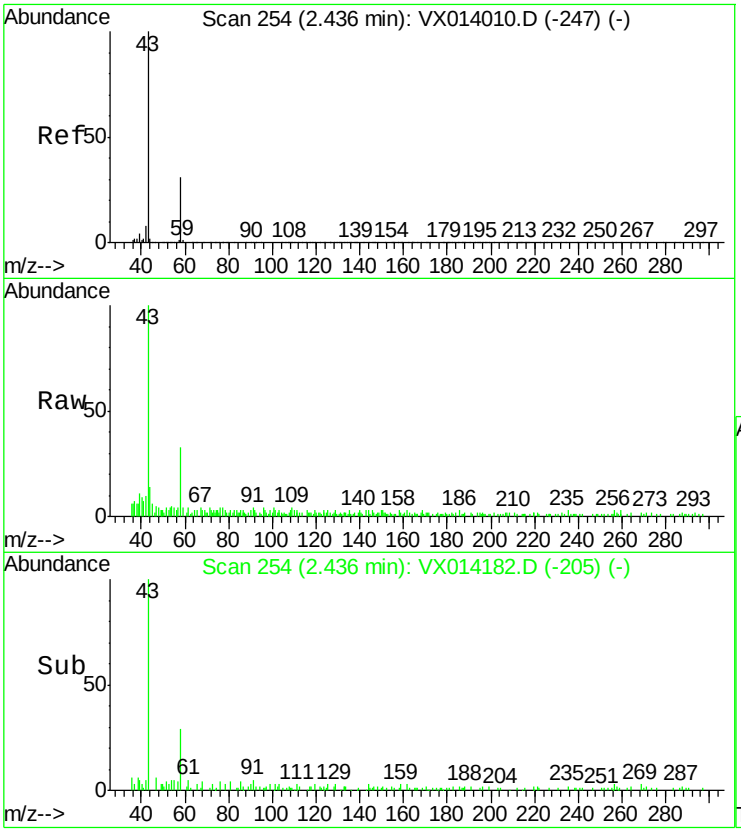


#13
Acrolein
Concen: 0.527 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 56 Resp: 417

Ion	Ratio	Lower	Upper
56	100		
55	74.8	56.9	85.3



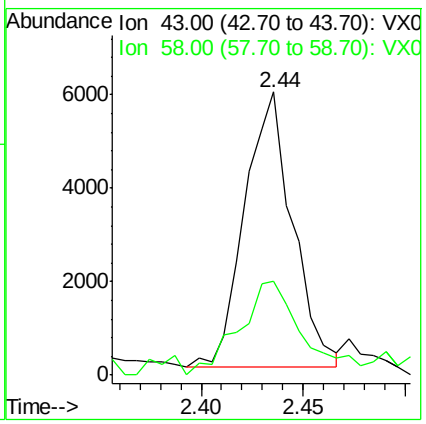


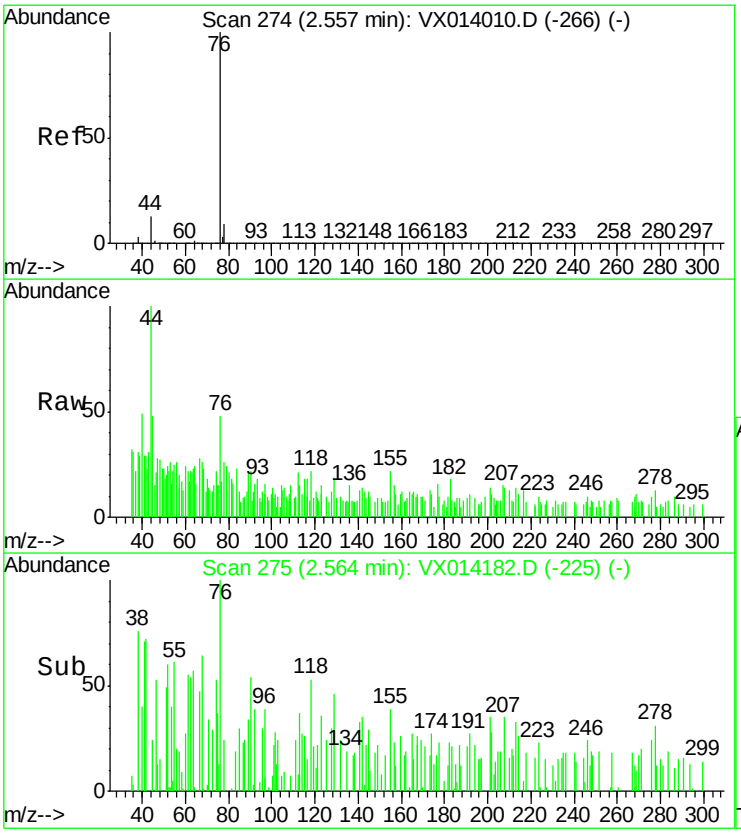
#16
Acetone
Concen: 2.317 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 43 Resp: 9624

Ion	Ratio	Lower	Upper
43	100		
58	34.4	24.9	37.3

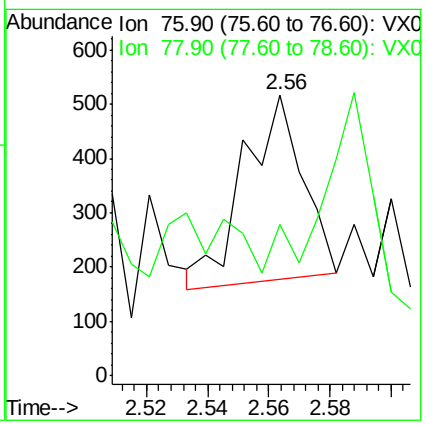


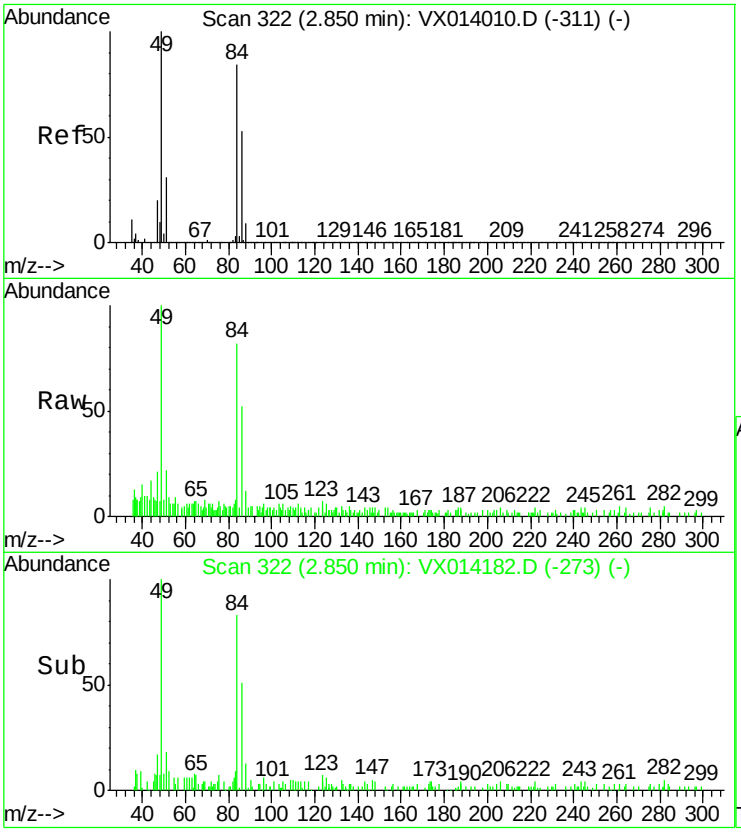


#17
Carbon Disulfide
Concen: 0.780 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 76 Resp: 454

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



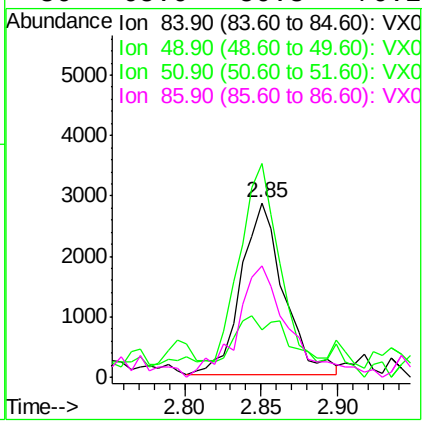


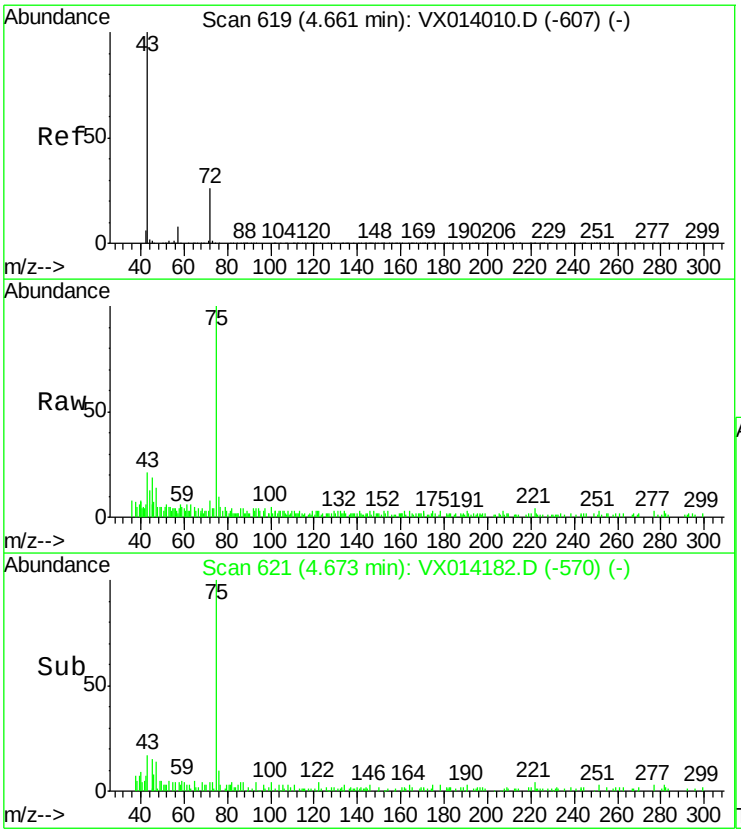
#20
Methylene Chloride
Concen: 0.840 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion: 84 Resp: 5493

Ion	Ratio	Lower	Upper
84	100		
49	112.8	95.8	143.6
51	8.2	29.8	44.8#
86	65.0	50.8	76.2

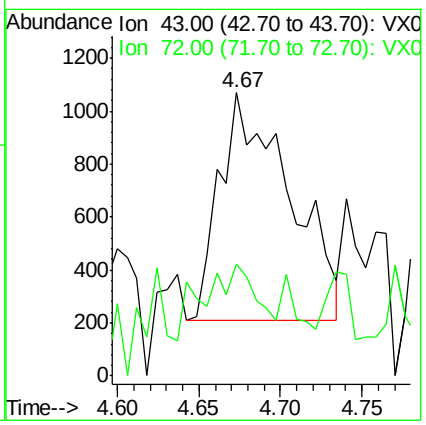


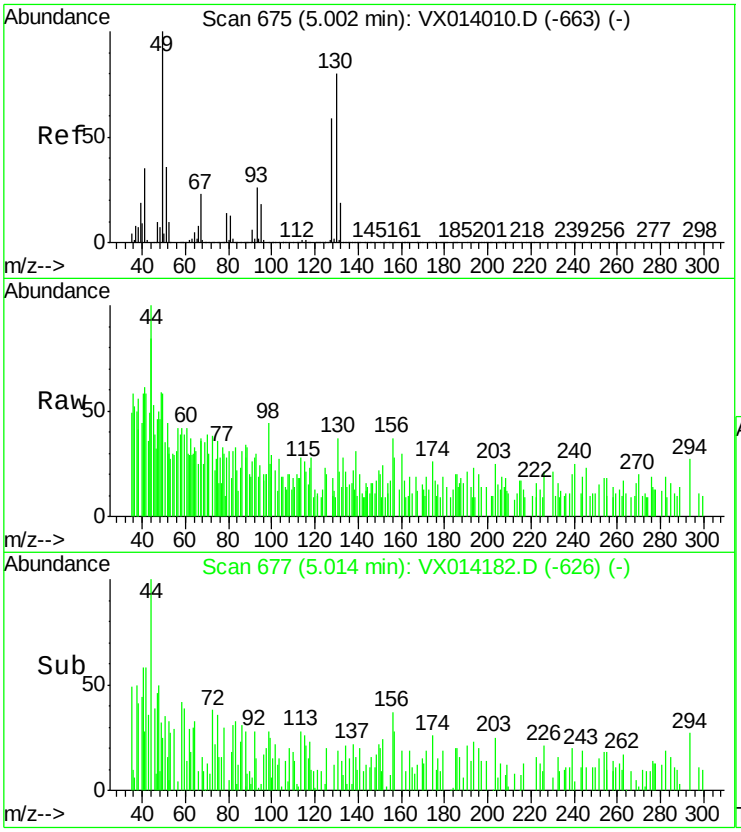


#25
2-Butanone
Concen: 0.499 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 43 Resp: 2554

Ion	Ratio	Lower	Upper
43	100		
72	8.3	21.0	31.4#



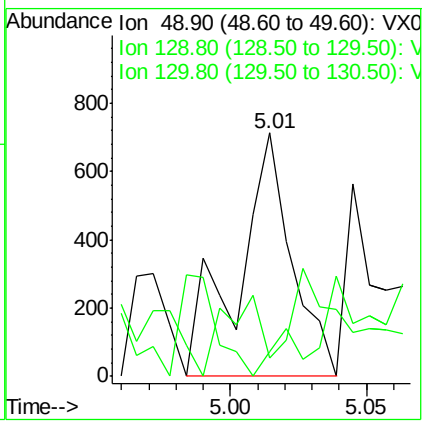


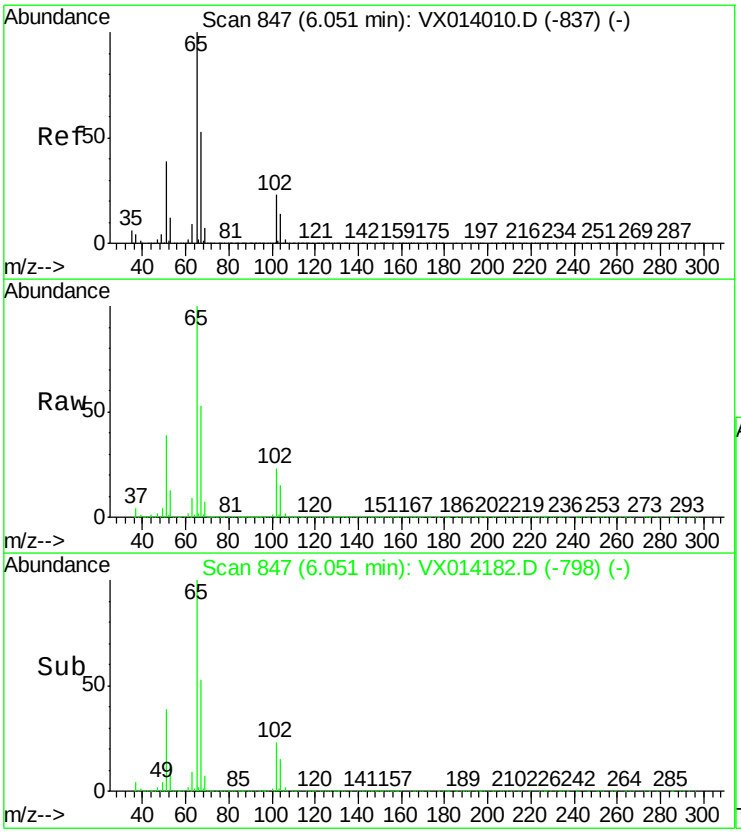
#28
Bromochloromethane
Concen: 0.688 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion: 49 Resp: 978

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	24.0	64.6	97.0#

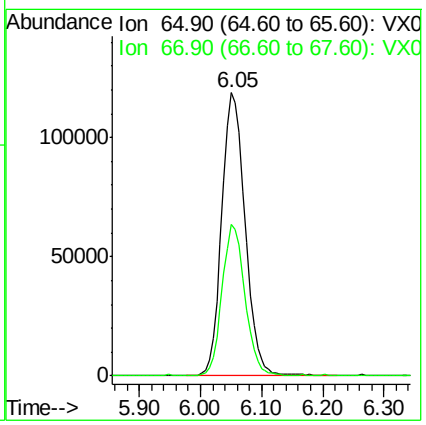


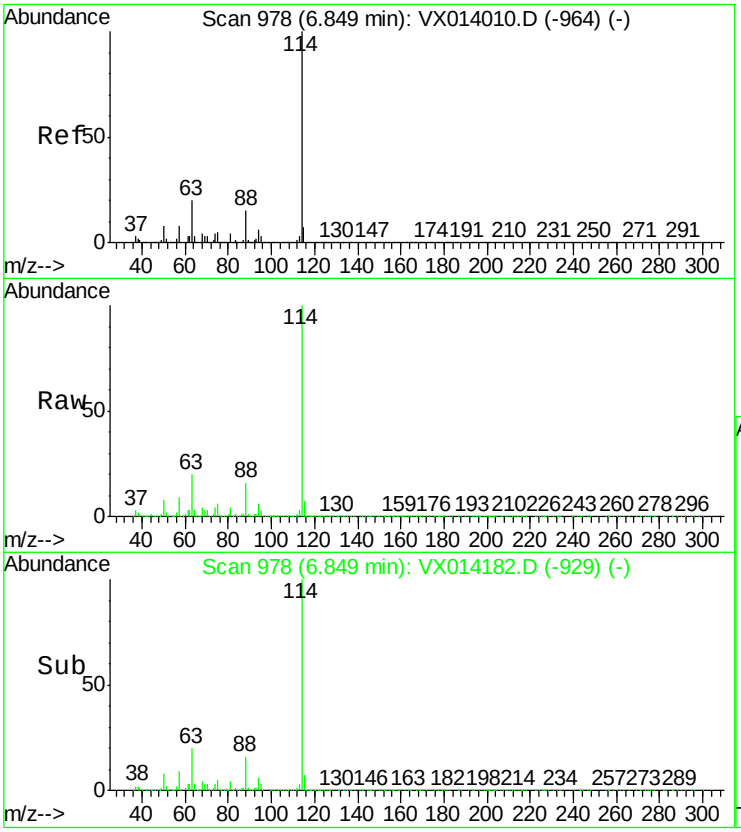


#33
1,2-Dichloroethane-d4
Concen: 49.128 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 65 Resp: 314328

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.4



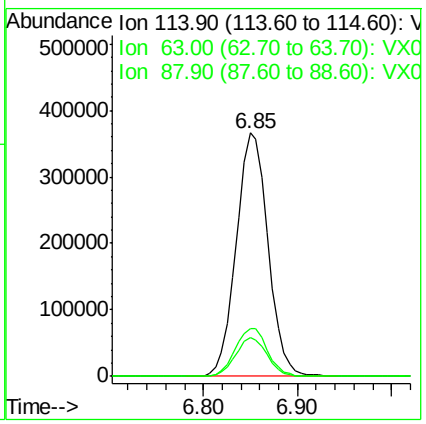


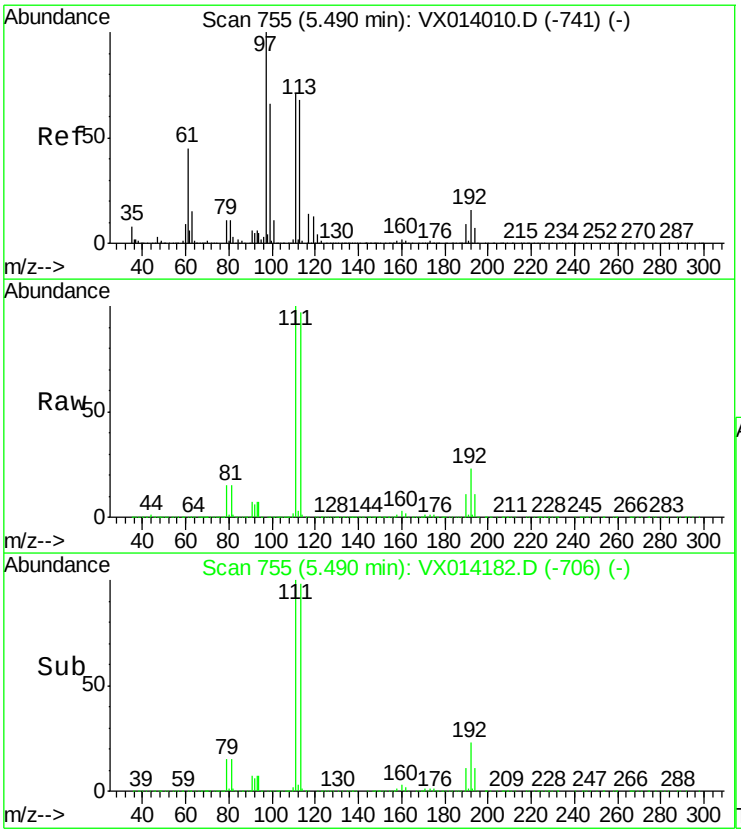
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion:114 Resp: 863088

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.7	0.0	30.4

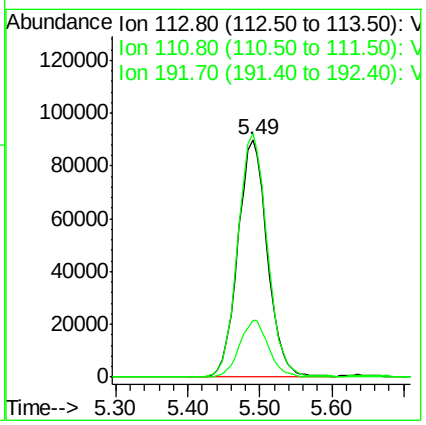


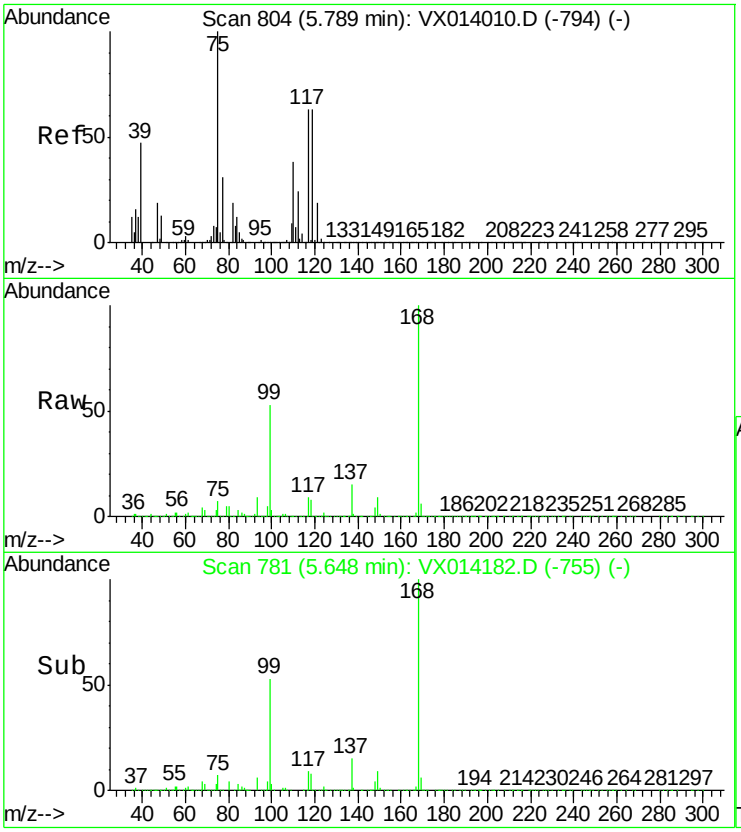


#35
Dibromofluoromethane
Concen: 48.645 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:113 Resp: 255222

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.2	19.3	28.9



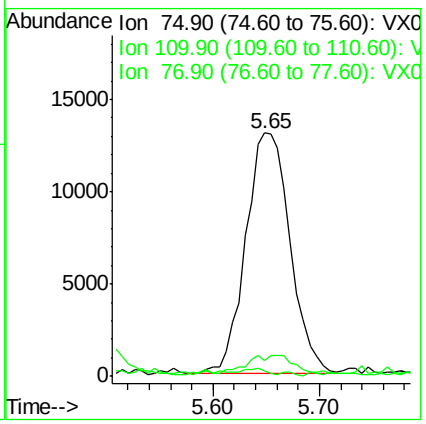


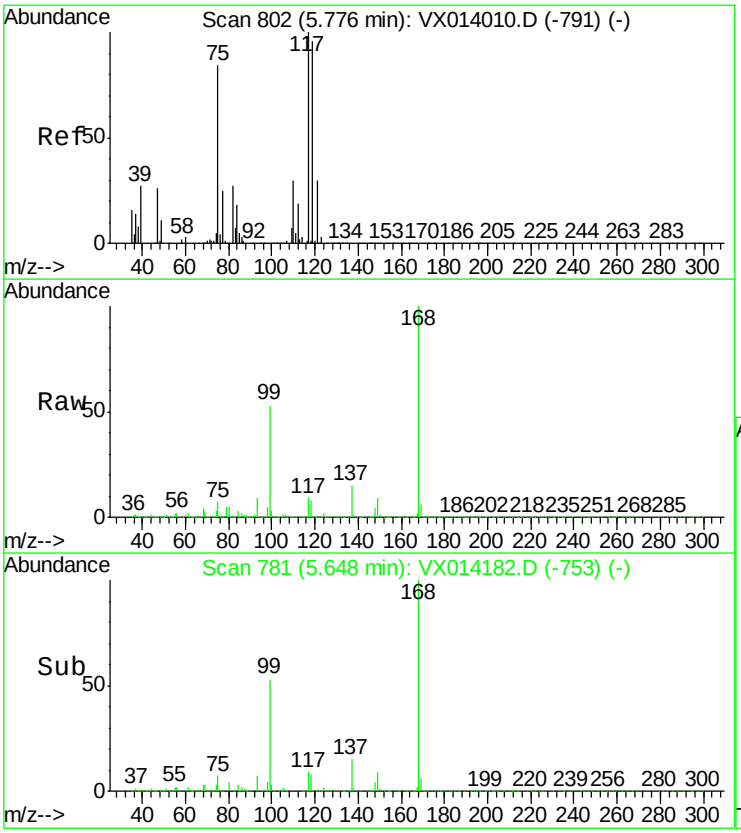
#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion: 75 Resp: 37959

Ion	Ratio	Lower	Upper
75	100		
110	3.6	18.3	54.9#
77	1.1	24.8	37.2#

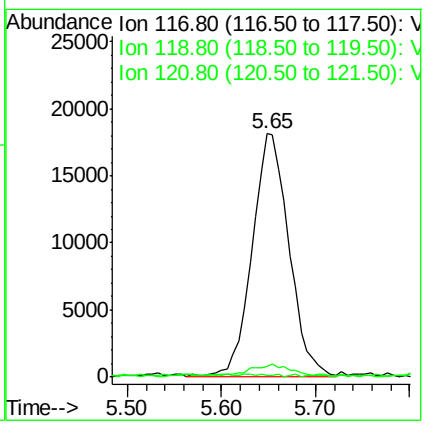


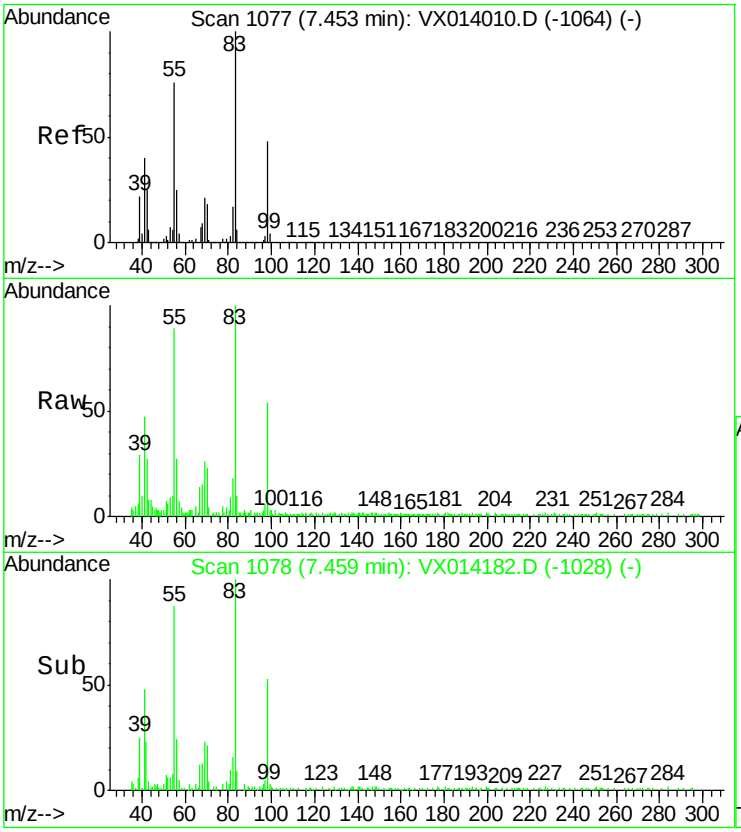


#38
Carbon Tetrachloride
Concen: 6.923 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:117 Resp: 49947

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.4#
121	0.0	23.6	35.4#



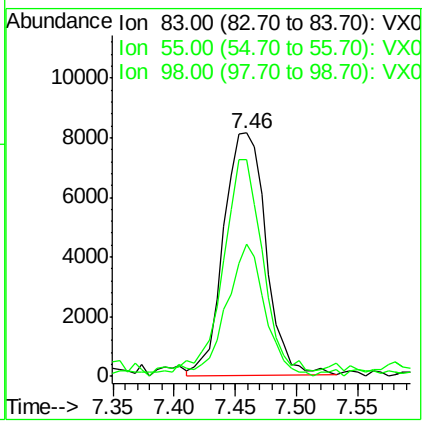


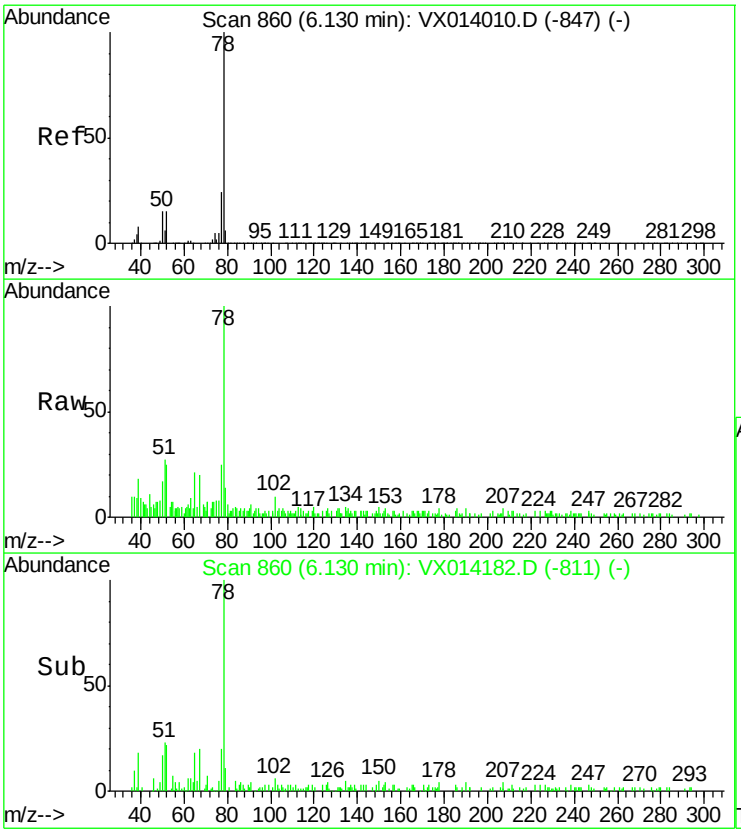
#39
Methylcyclohexane
Concen: 1.988 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 83 Resp: 19442

Ion	Ratio	Lower	Upper
83	100		
55	84.1	61.0	91.6
98	52.0	38.6	57.8

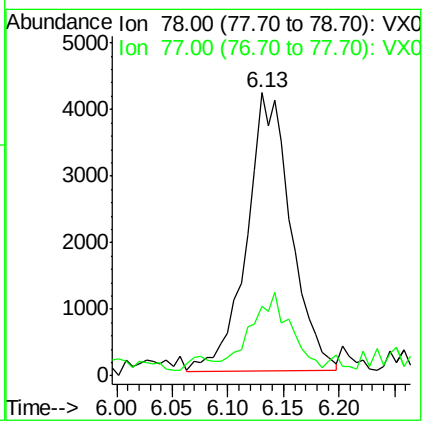


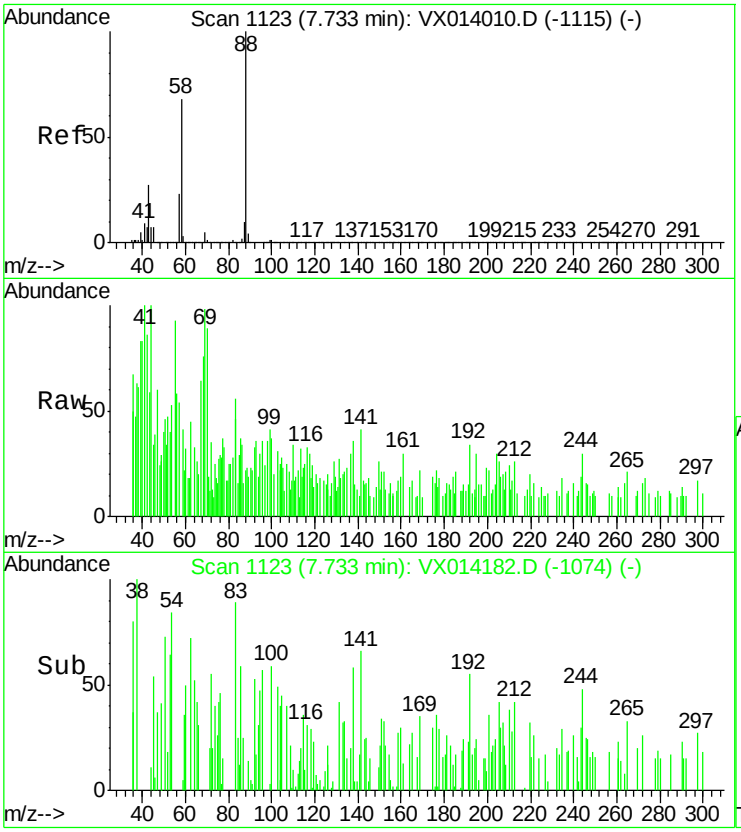


#40
Benzene
Concen: 0.473 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 78 Resp: 11532

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.8	28.2



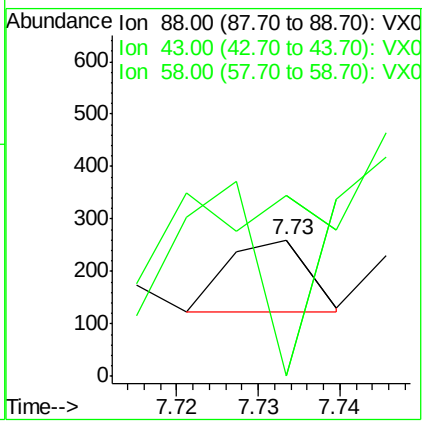


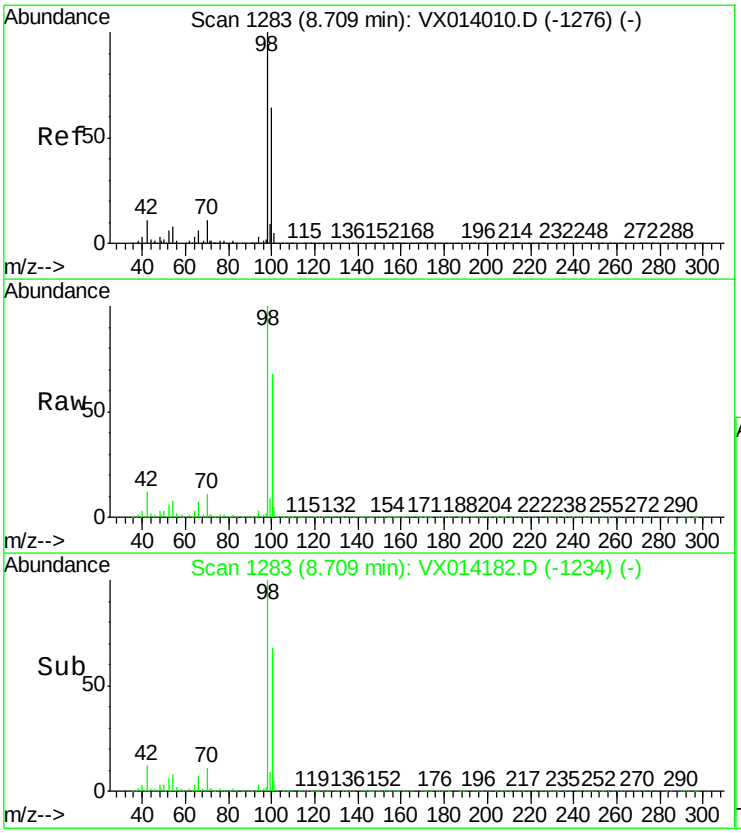
#49
1,4-Dioxane
Concen: 0.652 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
43	545.7	26.5	39.7#
58	580.9	56.8	85.2#

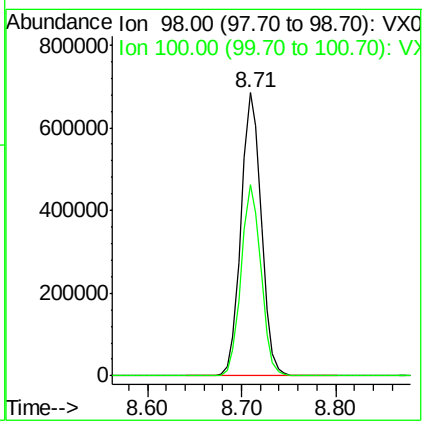


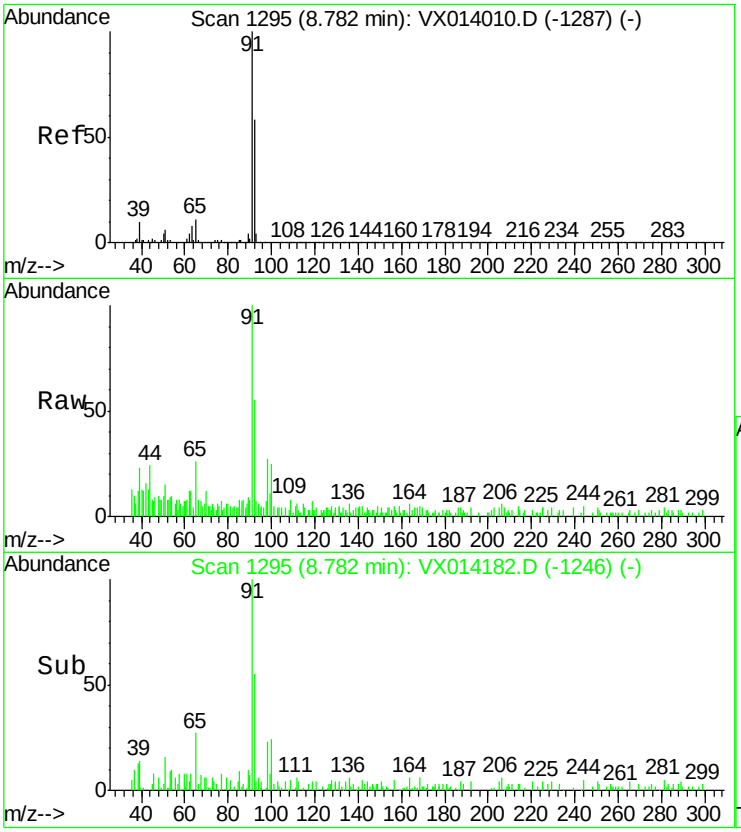


#50
Toluene-d8
Concen: 50.445 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 98 Resp: 1030414

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3



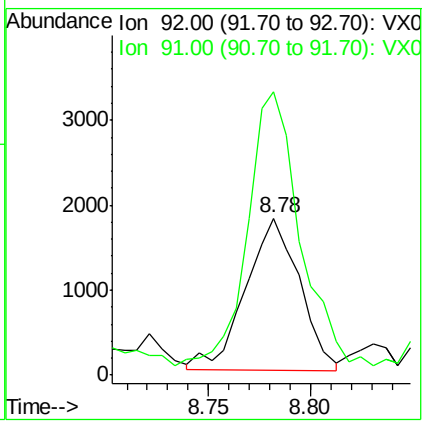


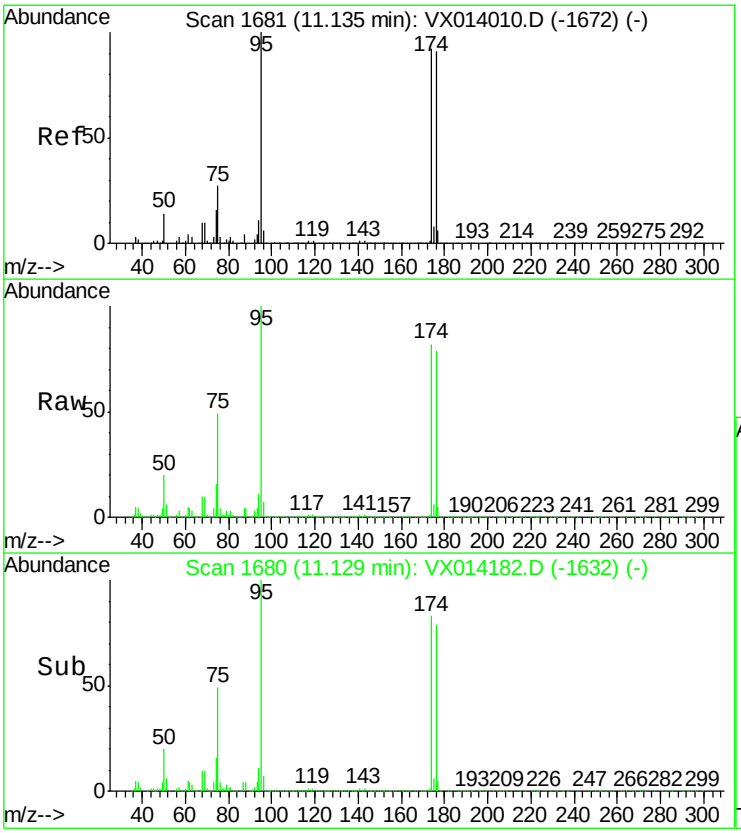
#52
Toluene
Concen: 0.216 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 92 Resp: 3328

Ion	Ratio	Lower	Upper
92	100		
91	173.2	136.2	204.4

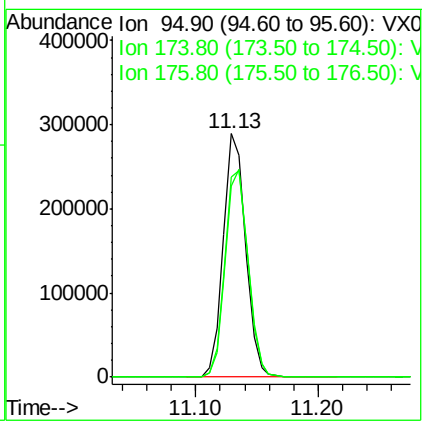


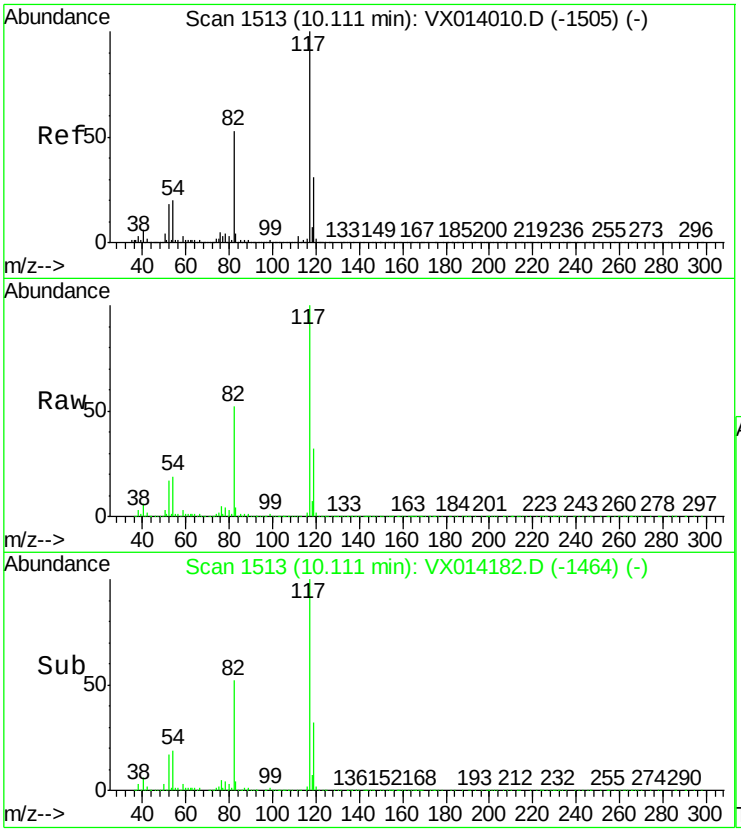


#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 95 Resp: 365900

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	175.8
176	86.3	0.0	173.0



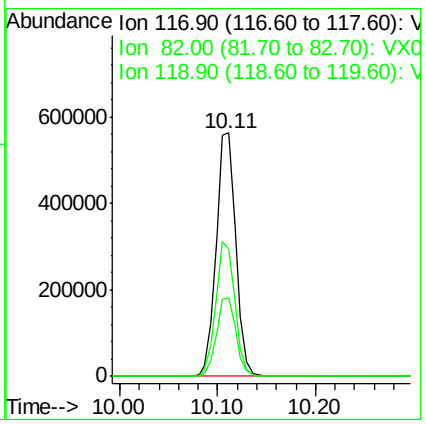


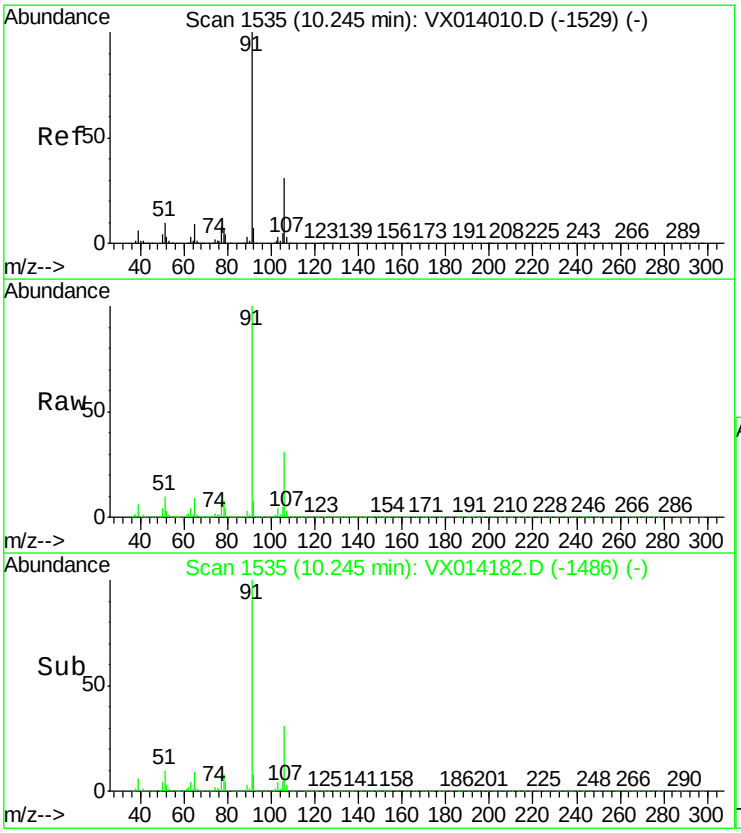
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion:117 Resp: 783007

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.4
119	32.0	25.1	37.7

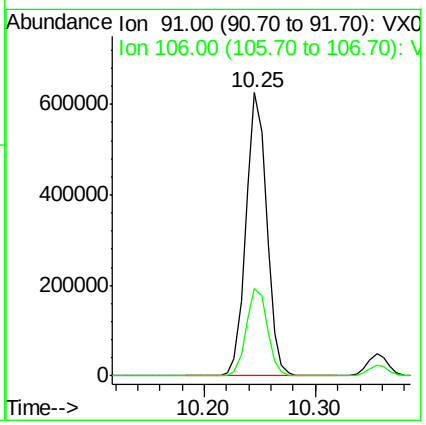


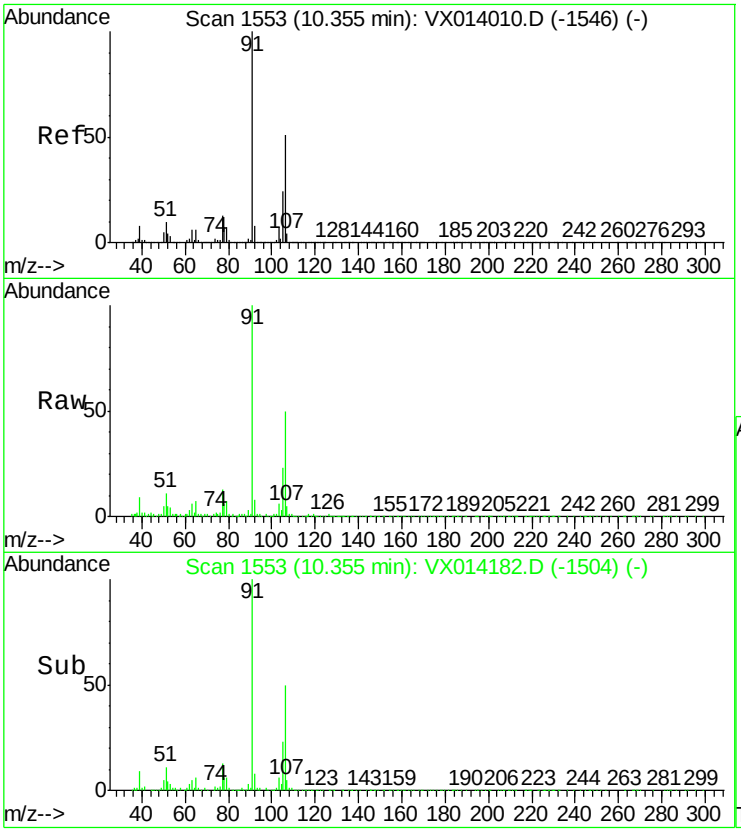


#67
Ethyl Benzene
Concen: 28.298 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 91 Resp: 809963

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.0	37.6



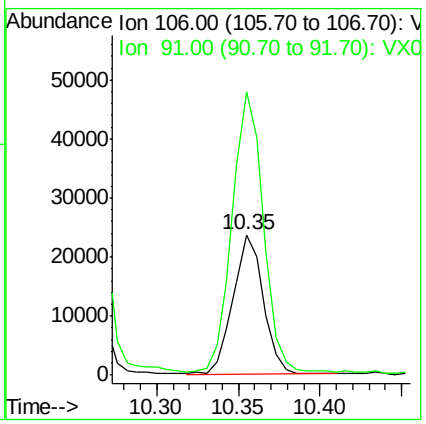


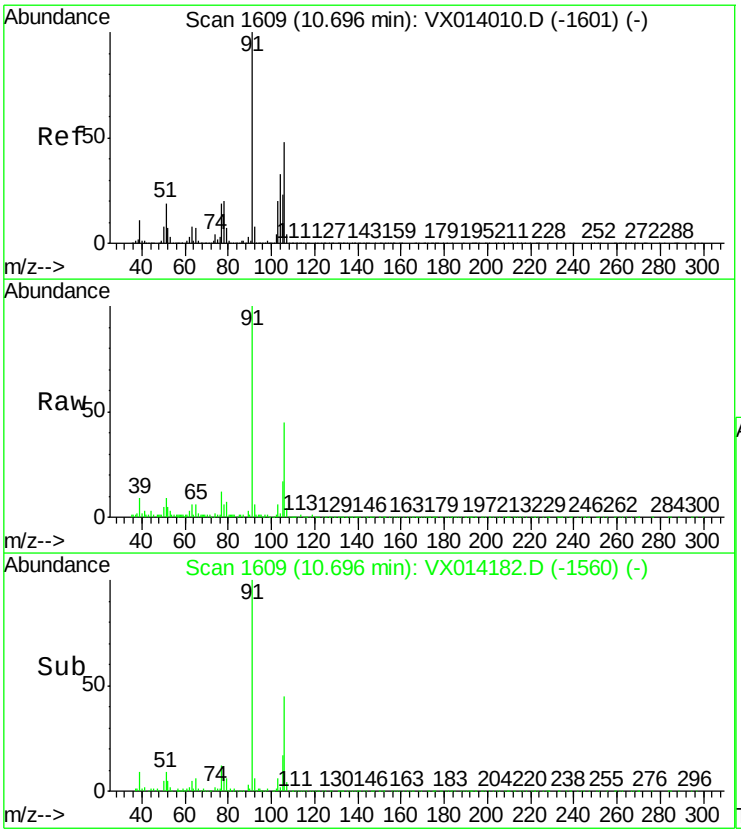
#68
m/p-Xylenes
Concen: 2.773 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion:106 Resp: 30523

Ion	Ratio	Lower	Upper
106	100		
91	207.1	158.6	238.0

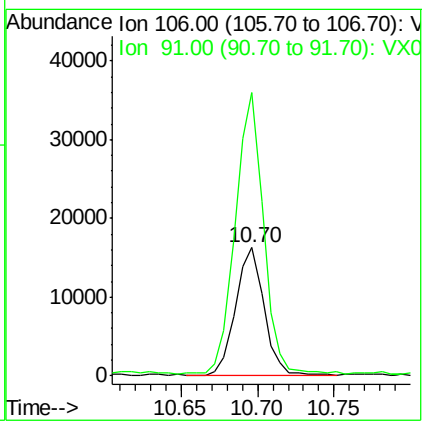


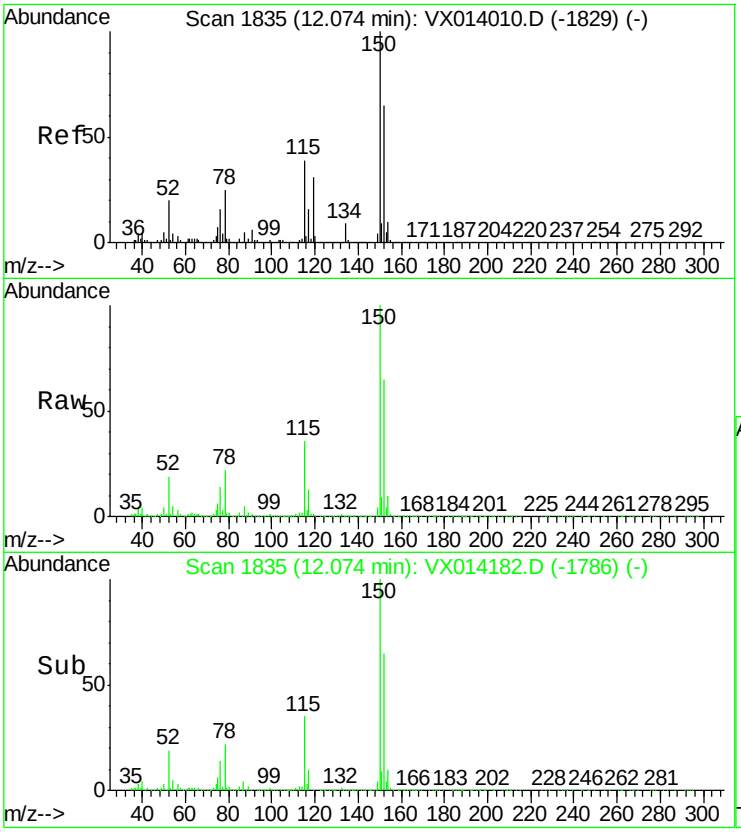


#69
o-Xylene
Concen: 1.975 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:106 Resp: 21327

Ion	Ratio	Lower	Upper
106	100		
91	214.2	104.2	312.6



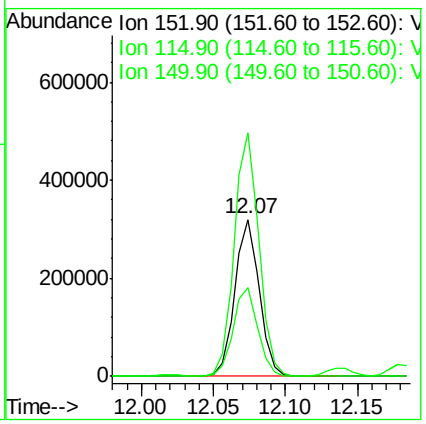


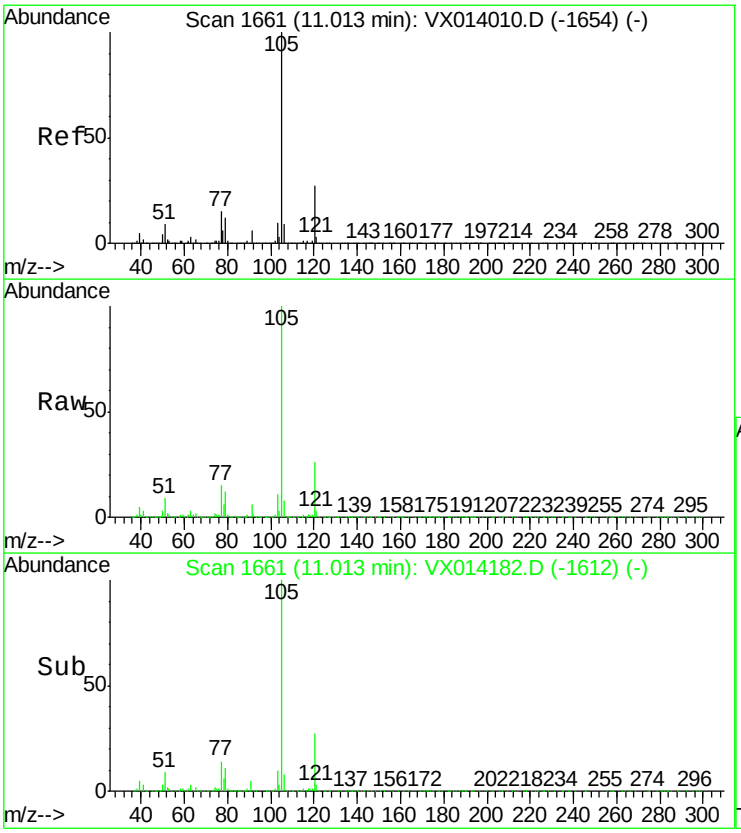
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 377859

Ion	Ratio	Lower	Upper
152	100		
115	57.1	38.3	114.9
150	156.9	0.0	345.4

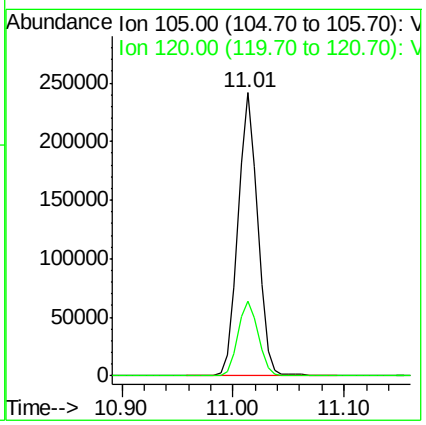


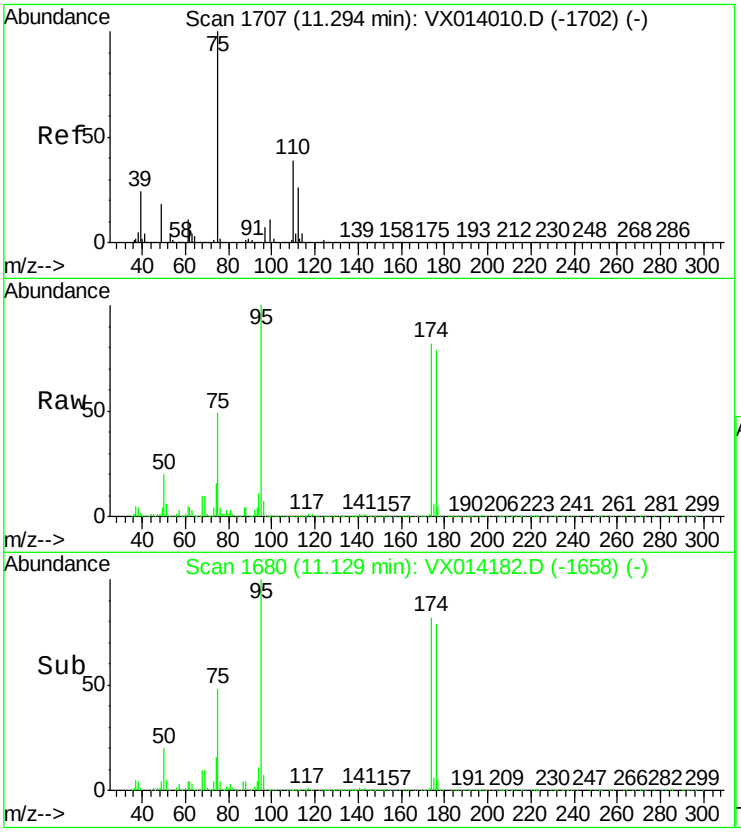


#73
Isopropylbenzene
Concen: 11.104 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:105 Resp: 295421

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.5	40.4



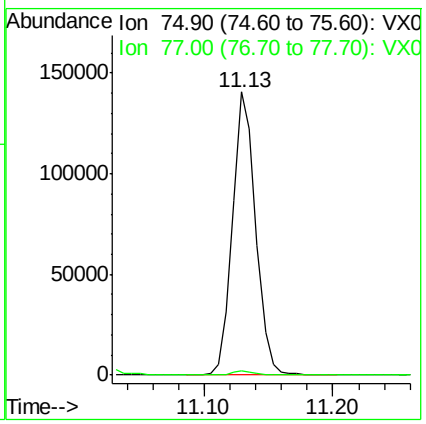


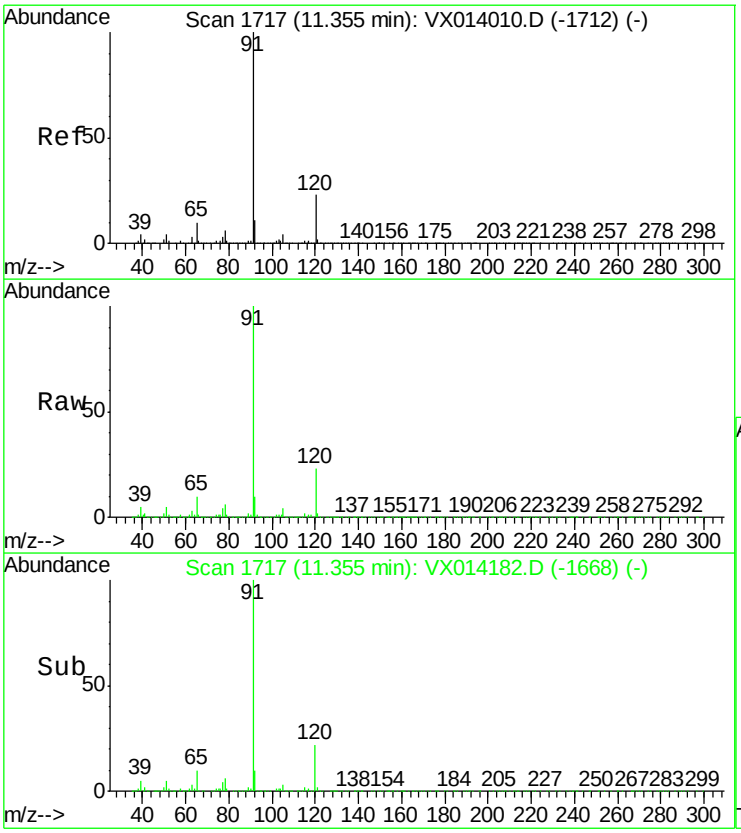
#76
1,2,3-Trichloropropane
Concen: 21.416 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 75 Resp: 175683

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.3	57.8#

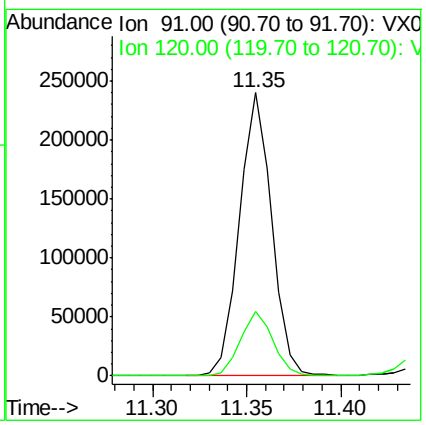


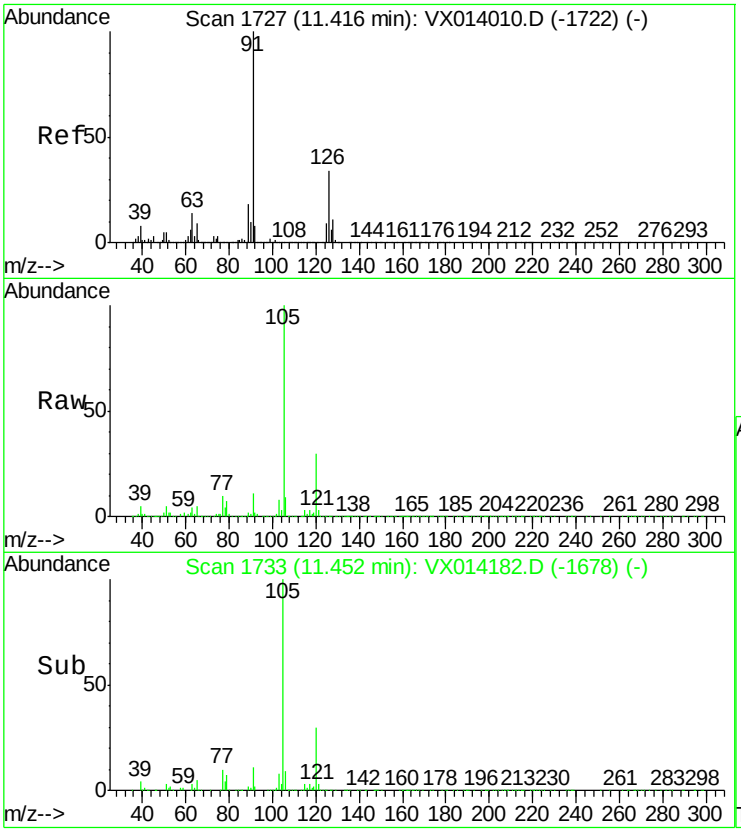


#78
n-propylbenzene
Concen: 9.509 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 91 Resp: 283746

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.0



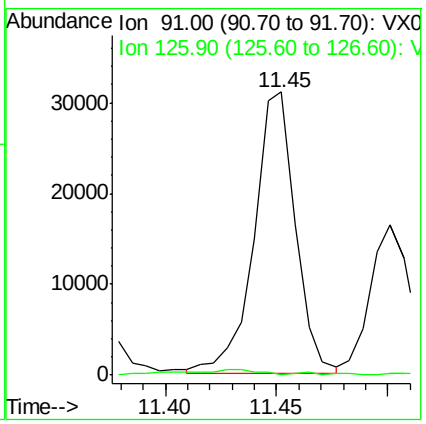


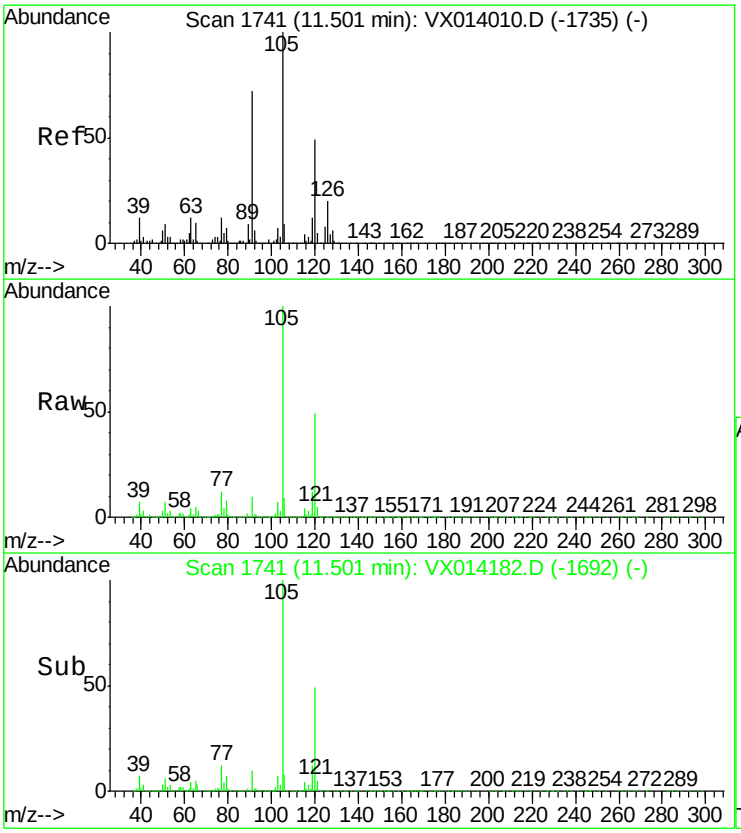
#79
2-Chlorotoluene
Concen: 2.201 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion: 91 Resp: 39917

Ion	Ratio	Lower	Upper
91	100		
126	3.3	17.2	51.6#

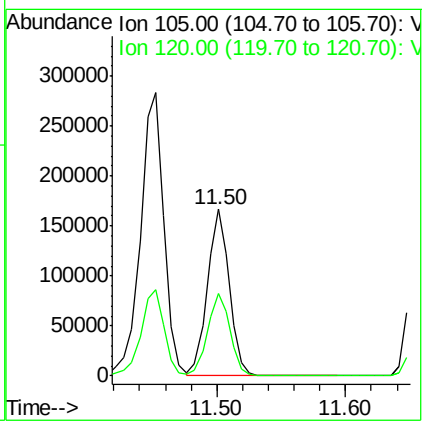


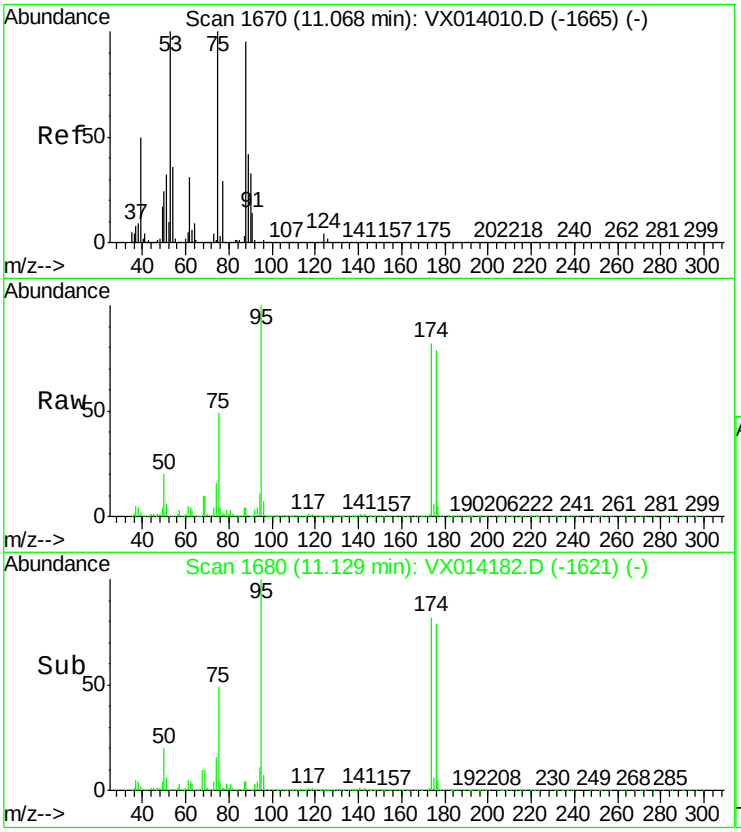


#80
1,3,5-Trimethylbenzene
Concen: 8.865 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:105 Resp: 198497

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.3	75.8



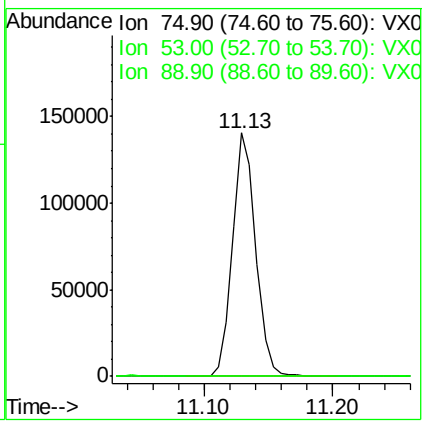


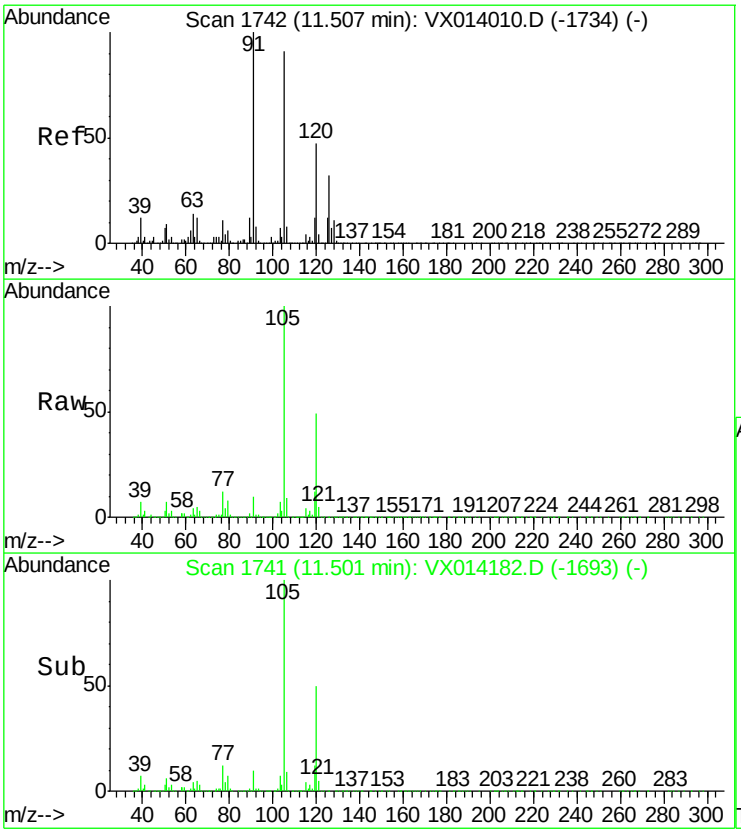
#81
trans-1,4-Dichloro-2-butene
Concen: 60.547 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 75 Resp: 175972

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	34.6	51.8#

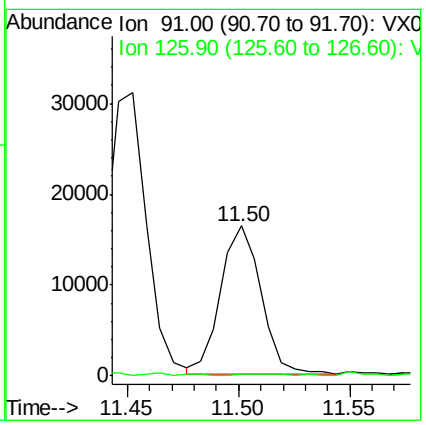


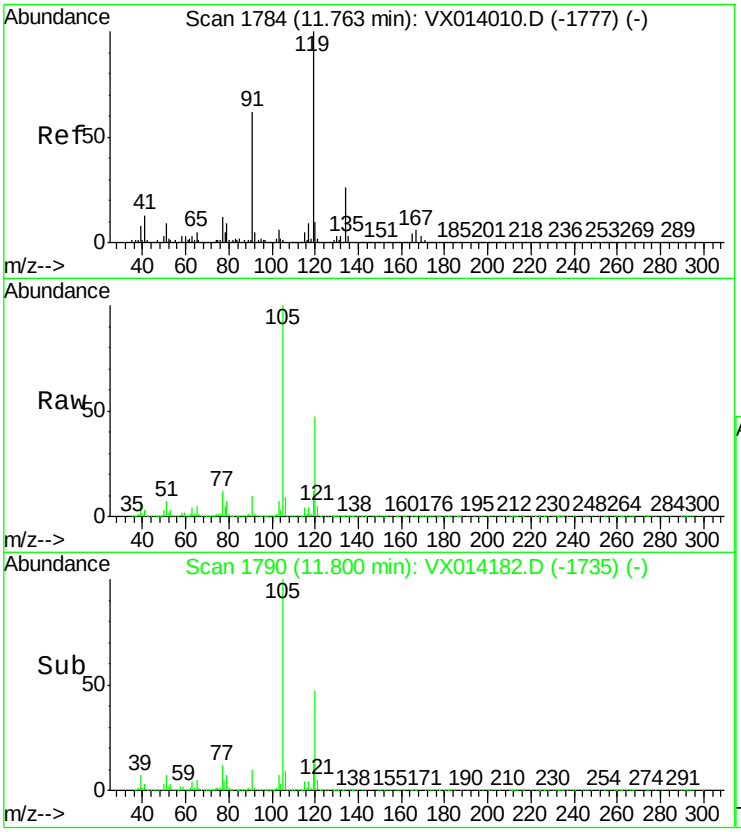


#82
4-Chlorotoluene
Concen: 0.971 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion: 91 Resp: 20422

Ion	Ratio	Lower	Upper
91	100		
126	1.9	15.6	46.8#



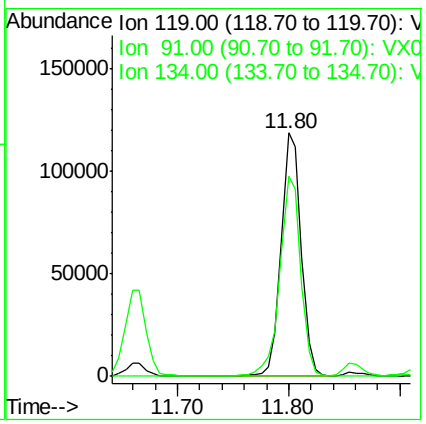


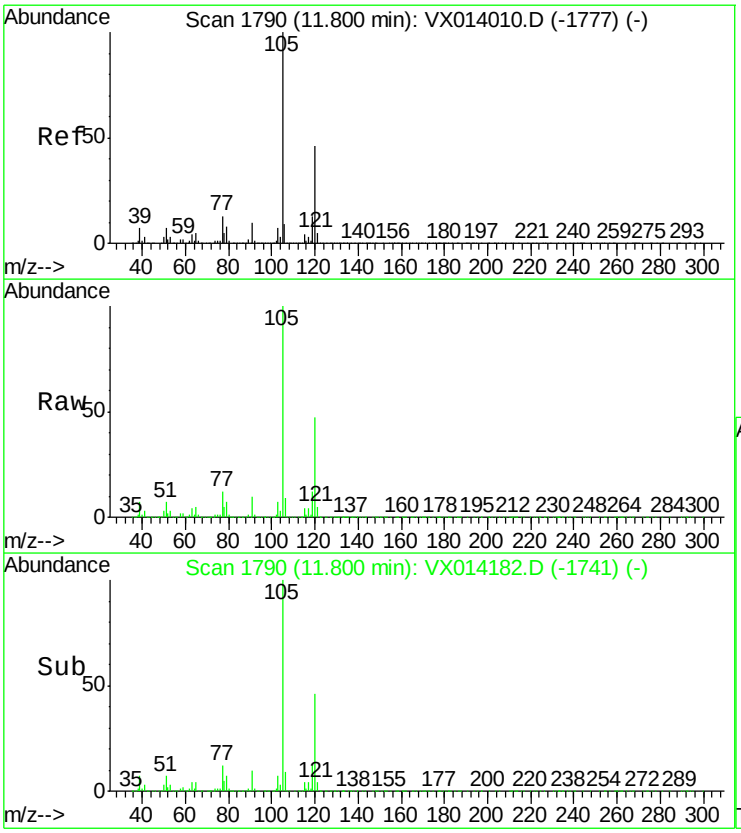
#83
tert-Butylbenzene
Concen: 6.768 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.04 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion:119 Resp: 147466

Ion	Ratio	Lower	Upper
119	100		
91	85.6	28.5	85.6
134	0.0	12.2	36.6#

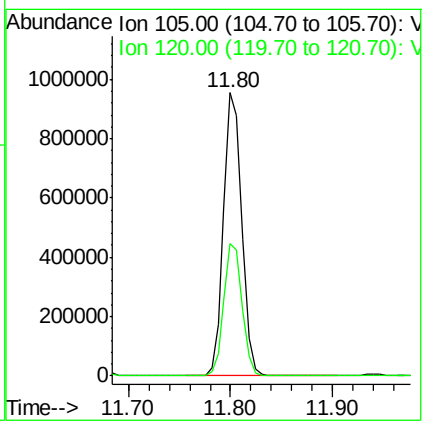


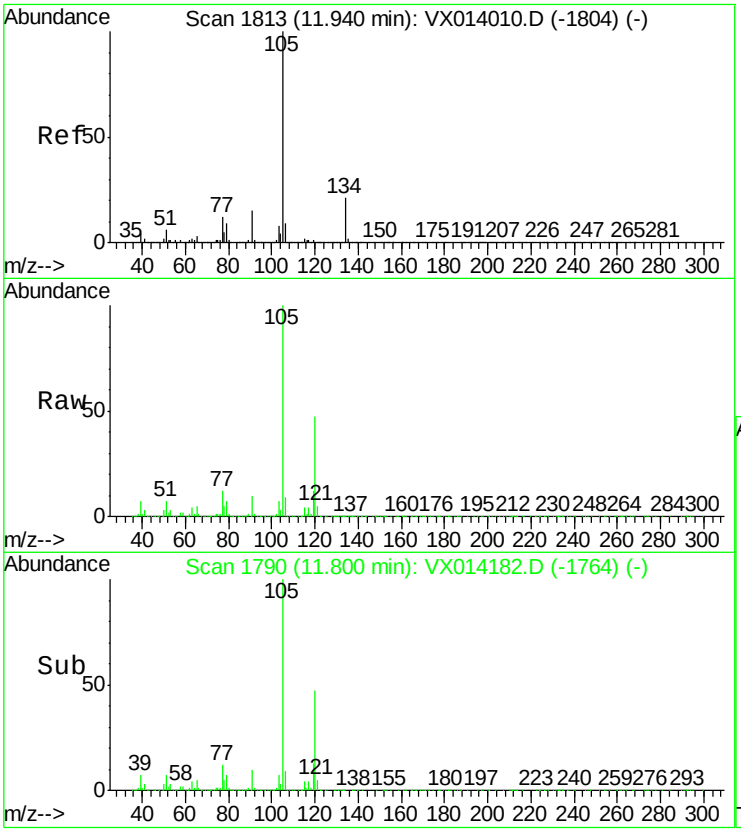


#84
1,2,4-Trimethylbenzene
Concen: 52.557 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:105 Resp: 1178467

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.1	69.2



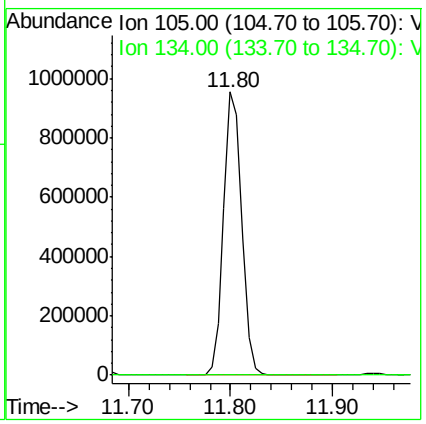


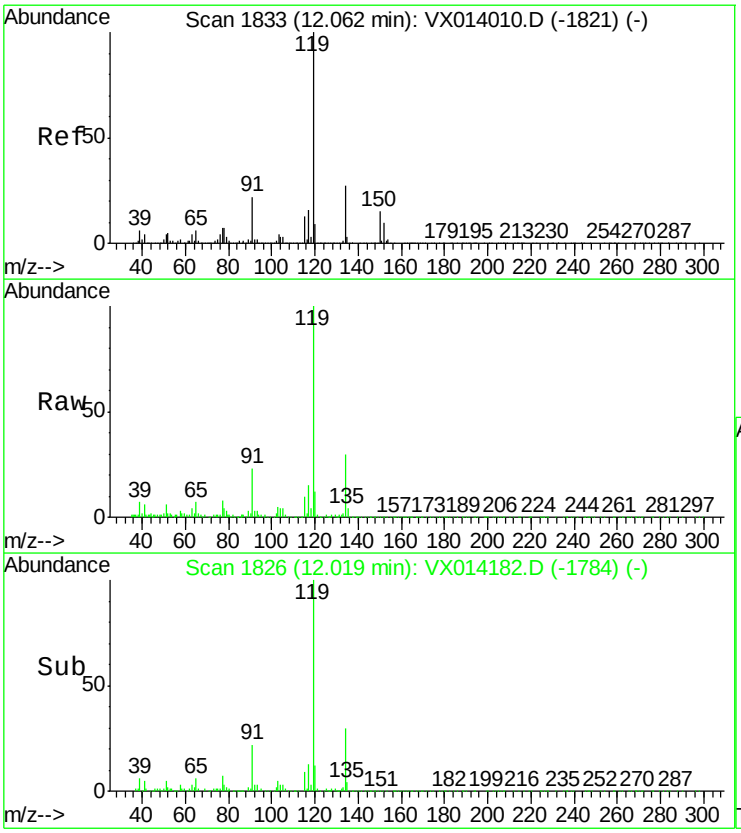
#85
sec-Butylbenzene
Concen: 45.814 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.14 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:105 Resp: 1178467

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.1#

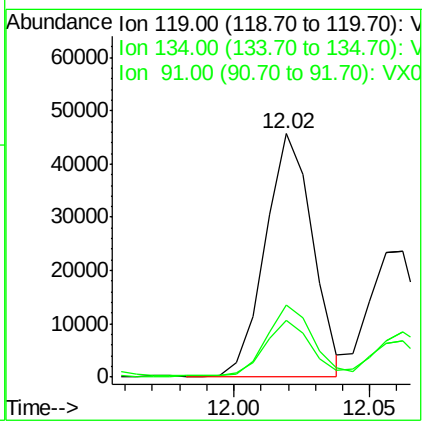


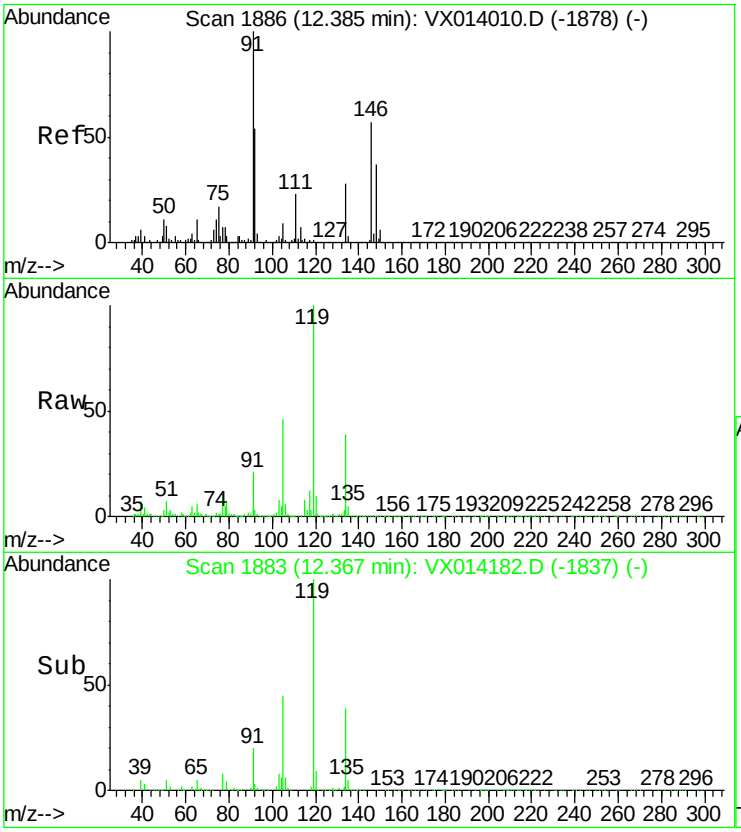


#86
p-Isopropyltoluene
Concen: 2.319 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:119 Resp: 54570

Ion	Ratio	Lower	Upper
119	100		
134	30.3	13.4	40.1
91	22.3	11.4	34.1



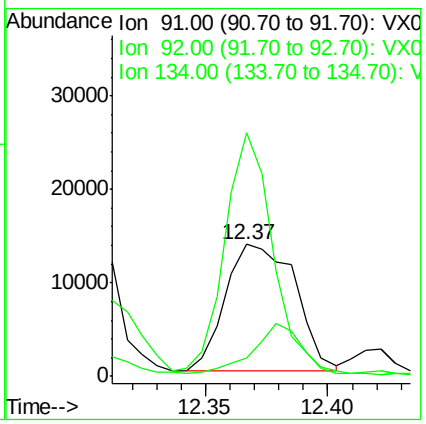


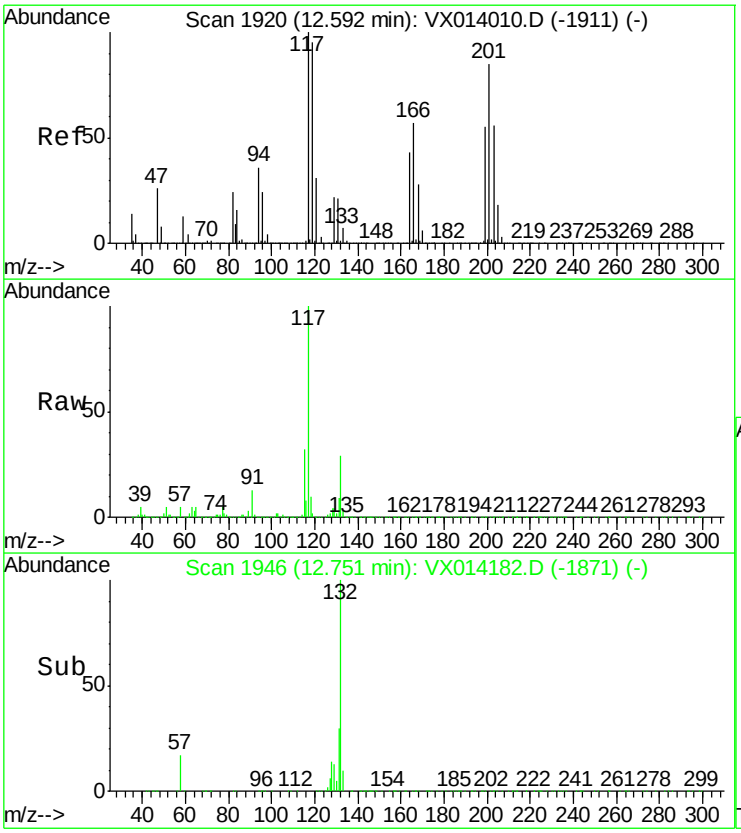
#89
n-Butylbenzene
Concen: 1.342 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion: 91 Resp: 26947

Ion	Ratio	Lower	Upper
91	100		
92	29.9	27.2	81.6
134	131.2	13.4	40.1#

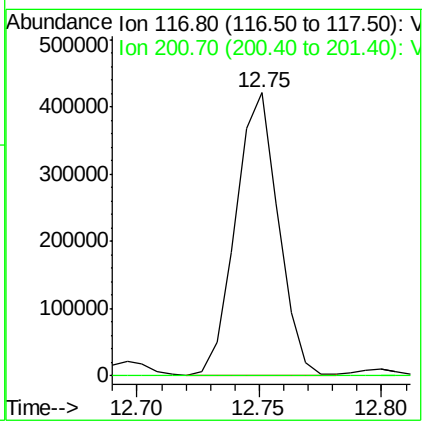


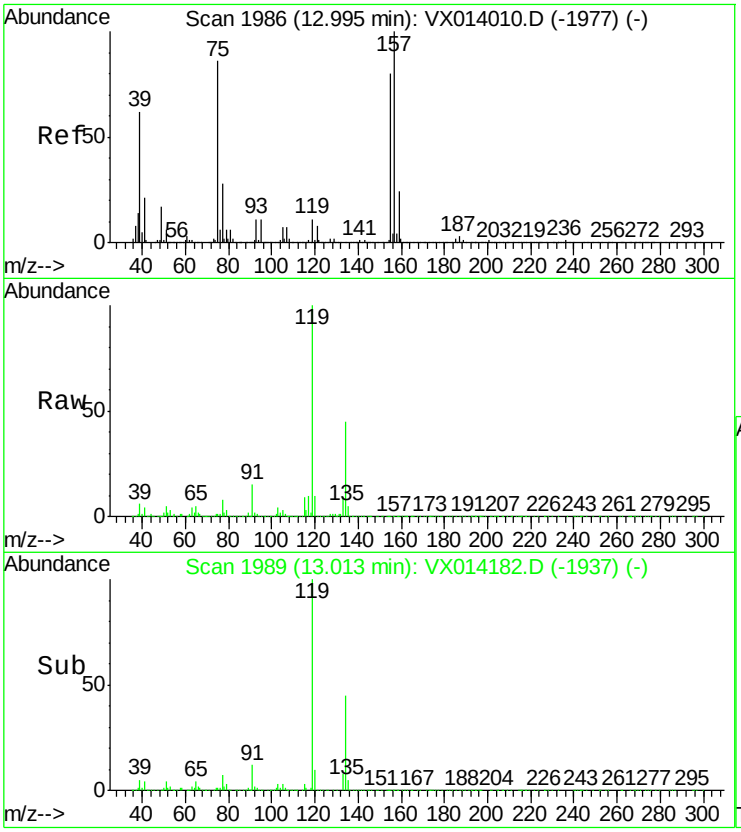


#90
Hexachloroethane
Concen: 120.487 ug/l
RT: 12.75 min Scan# 1946
Delta R.T. 0.16 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:117 Resp: 509217

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.1	129.3#



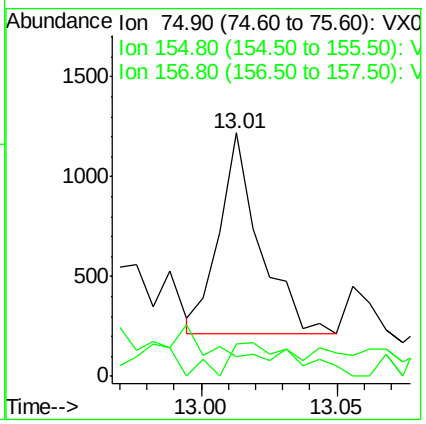


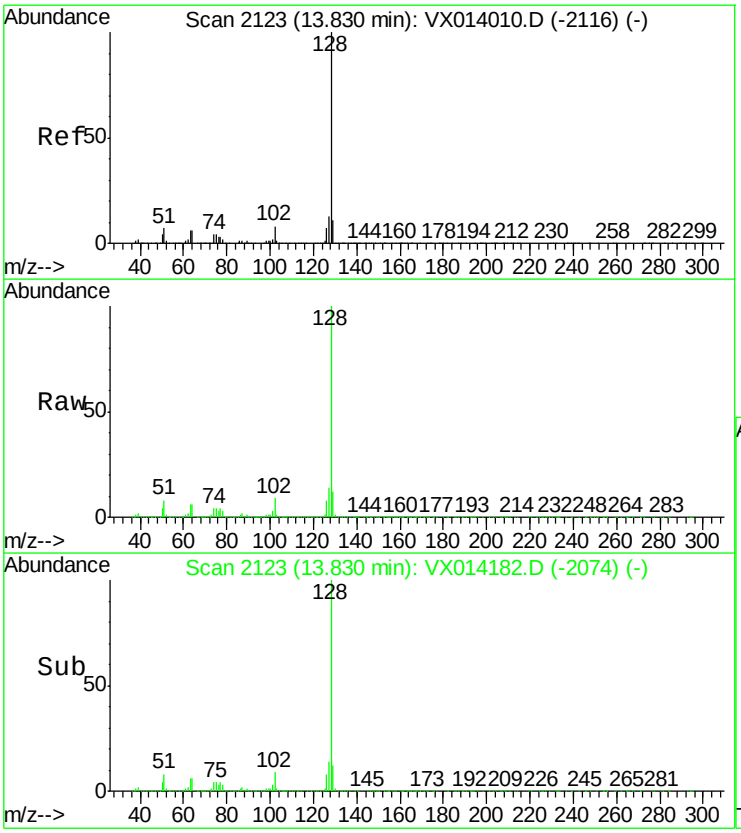
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.506 ug/l
RT: 13.01 min Scan# 1989
Delta R.T. 0.02 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Instrument : MSVOA_X
ClientSampleId : MW-12DL

Tgt Ion: 75 Resp: 1032

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.9	140.6#
157	27.3	60.8	182.4#





#95
Naphthalene
Concen: 277.613 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014182.D
Acq: 20 Dec 2019 18:22

Tgt Ion:128 Resp: 6846202

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.5	8.7	13.1