Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250915	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	180519	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87924	3.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.00%			
7) Chloroethane-d5	1.93	69	85677	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.59	63	142591	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.70	46	264516	46.39	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.78%			
24) Chloroform-d	5.11	84	151993	3.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.80%			
26) 1,2-Dichloroethane-d4	5.75	65	83923	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
32) Benzene-d6	5.77	84	362863	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.73	67	122248	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.93	98	359481	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	8.21	79	73803	6.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 136.20%#			
46) 2-Hexanone-d5	8.68	63	225755	53.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.28%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105507	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	163323	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
8) Chloroethane	2.01	64	27607	1.508	ug/L	100
13) Acetone	2.62	43	6084137	1479.875	ug/L	50
14) Carbon disulfide	2.83	76	28516	0.399	ug/L #	93
15) Methyl Acetate	3.07	43	15477320	1620.571	ug/L #	49
16) Methylene chloride	3.01	84	198286	7.580	ug/L #	3
17) Methyl tert-butyl Ether	3.41	73	5975	0.116	ug/L #	1
19) 1,1-Dichloroethane	3.88	63	12085	0.286	ug/L #	1
21) 2-Butanone	4.78	43	97117	15.909	ug/L	96
25) Chloroform	5.17	83	174110	3.795	ug/L #	25
27) 1,2-Dichloroethane	5.82	62	7263	0.284	ug/L #	1
30) Cyclohexane	5.43	56	6259208	178.331	ug/L #	93
33) Benzene	5.82	78	756335	8.059	ug/L	100
34) Trichloroethene	6.61	95	41933	1.746	ug/L #	14
35) Methylcyclohexane	6.80	83	2765469	75.579	ug/L #	84
38) Bromodichloromethane	7.16	83	17788	0.595	ug/L #	28
40) 4-Methyl-2-pentanone	7.87	43	76621	5.388	ug/L #	66
42) Toluene	8.00	91	155951	1.579	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.40	97	473915	26.760	ug/L	#	19
48) 2-Hexanone	8.73	43	21535	2.131	ug/L	#	87
50) 1,2-Dibromoethane	8.98	107	4051	0.241	ug/L	#	1
52) Ethylbenzene	9.60	91	6890353	66.306	ug/L		99
53) m,p-Xylene	9.73	106	6238793	158.551	ug/L		97
54) o-Xylene	10.13	106	650063	17.094	ug/L		99
55) Styrene	10.13	104	34654	0.551	ug/L	#	1
56) Isopropylbenzene	10.51	105	4079573	40.652	ug/L		100
59) 1,2,3-Trichloropropane	10.93	75	113824	6.960	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	13.00	75	68193	18.814	ug/L	#	1
69) Naphthalene	14.11	128	2279365	78.530	ug/L	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
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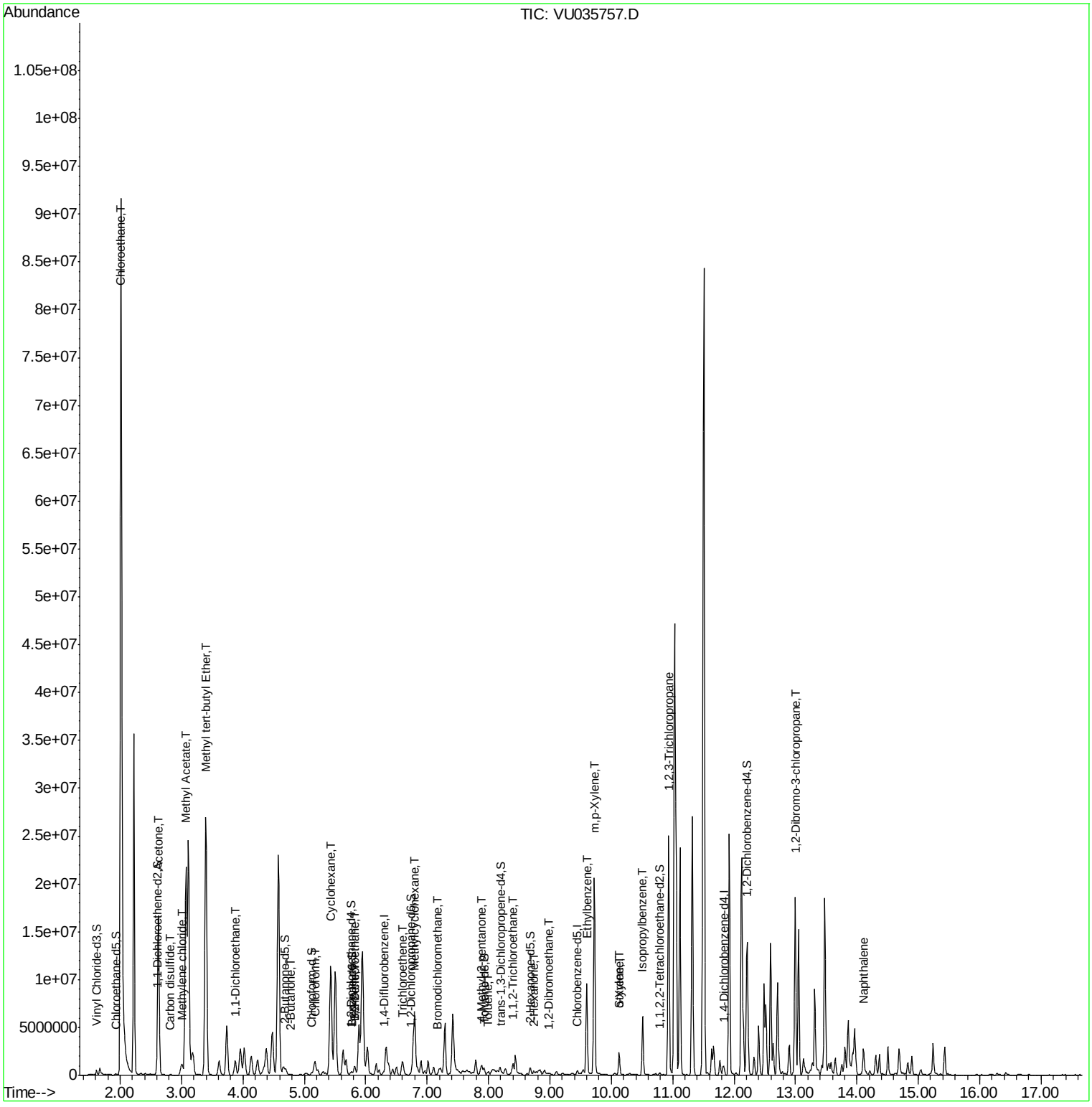
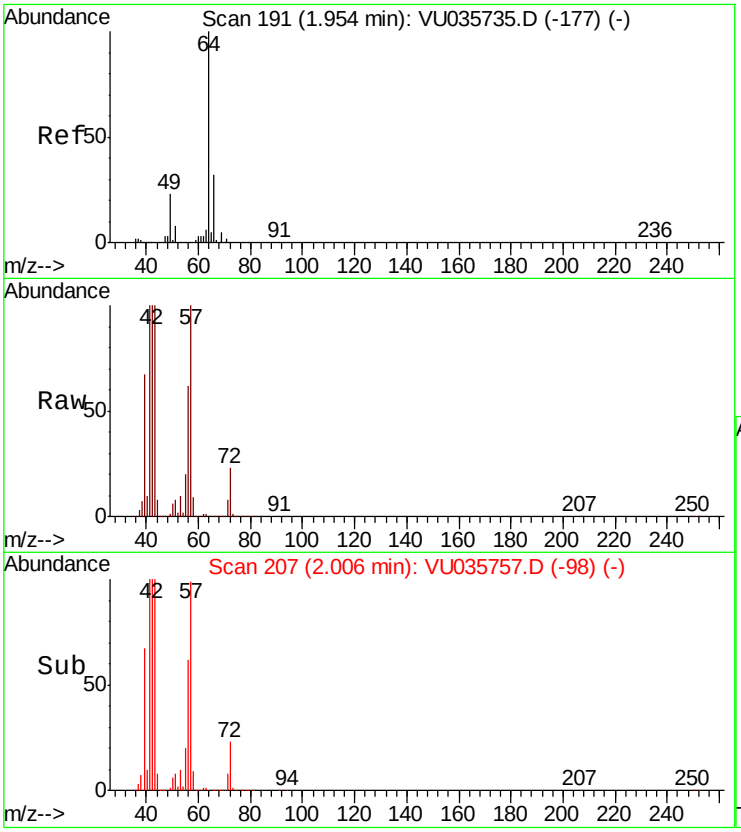
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration



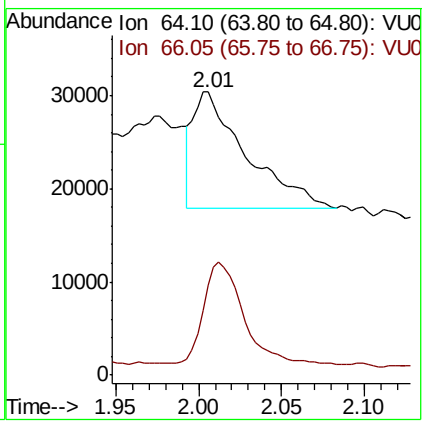


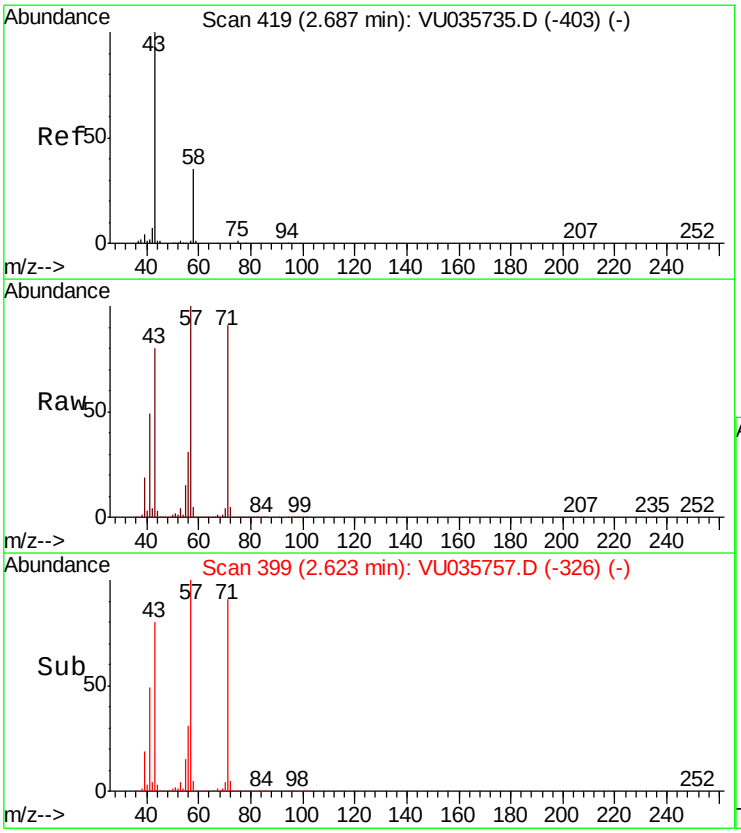
#8
Chloroethane
Concen: 1.508 ug/L
RT: 2.01 min Scan# 207
Delta R.T. 0.05 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 27607

Ion	Ratio	Lower	Upper
64	100		
66	31.9	22.5	41.7

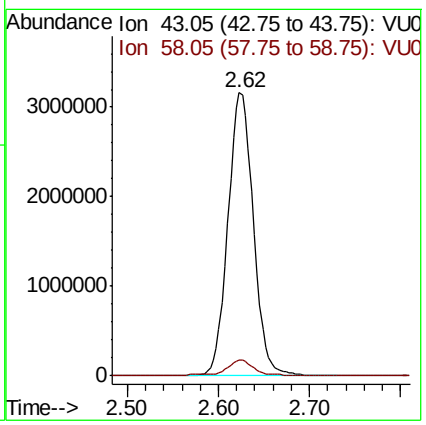


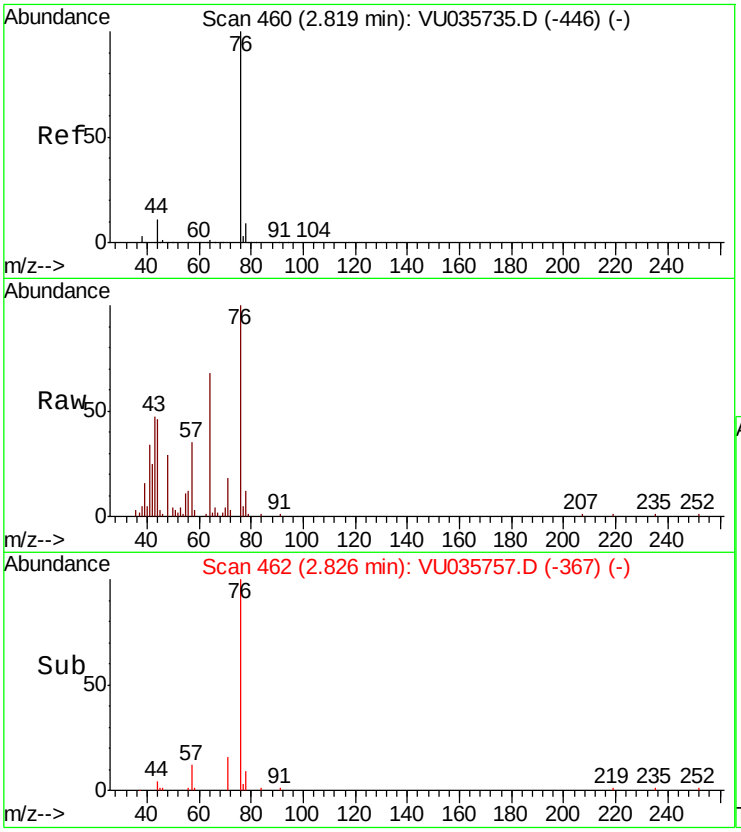


#13
Acetone
Concen: 1479.875 ug/L
RT: 2.62 min Scan# 399
Delta R.T. -0.06 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 43 Resp: 6084137

Ion	Ratio	Lower	Upper
43	100		
58	5.9	0.0	69.8



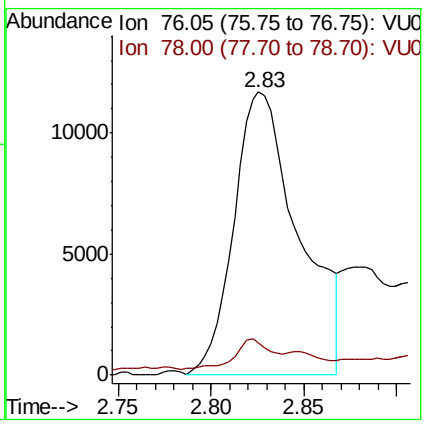


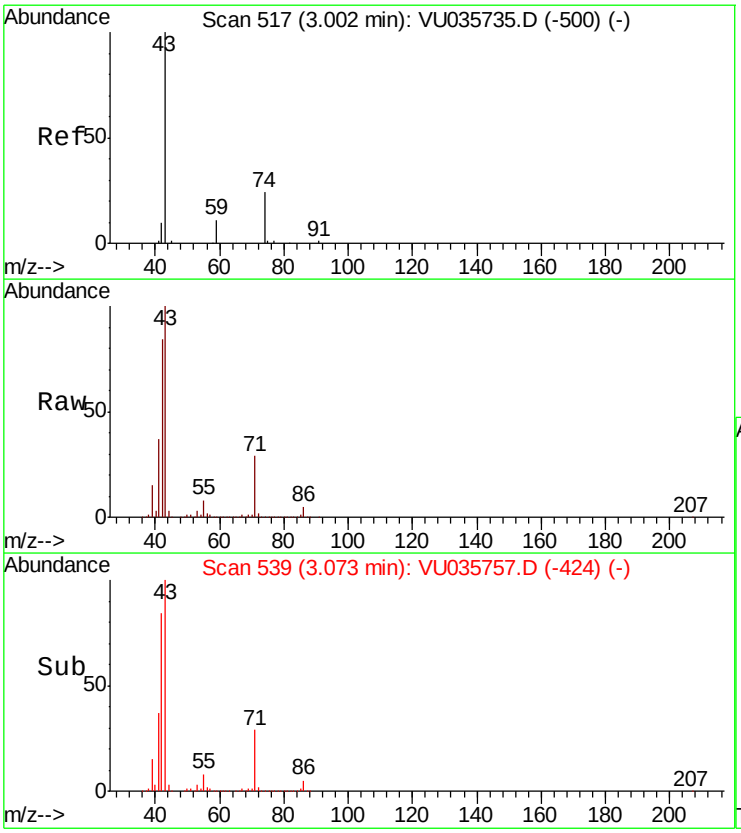
#14
Carbon disulfide
Concen: 0.399 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.01 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 28516

Ion	Ratio	Lower	Upper
76	100		
78	11.6	7.4	11.0#

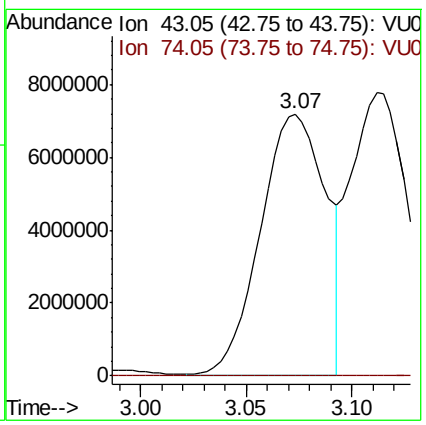


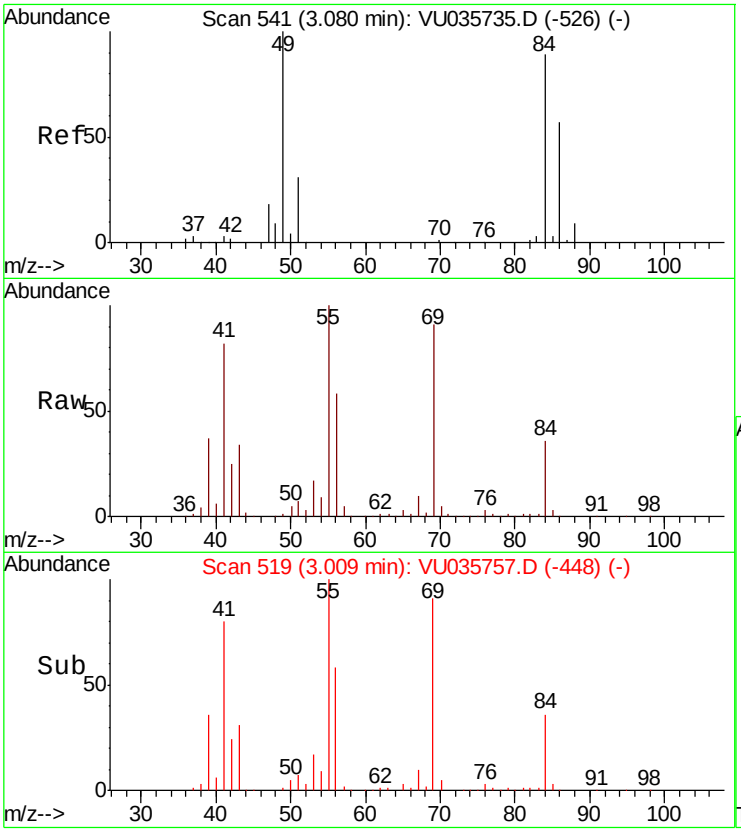


#15
Methyl Acetate
Concen: 1620.571 ug/L
RT: 3.07 min Scan# 539
Delta R.T. 0.07 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 43 Resp:15477320

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#



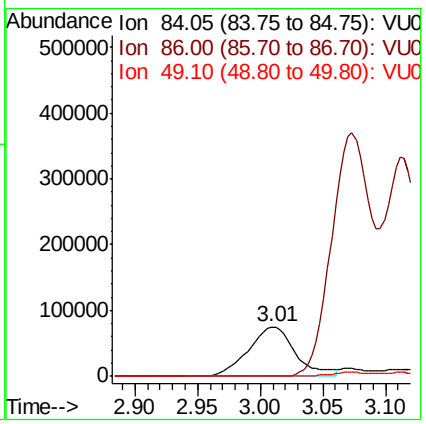


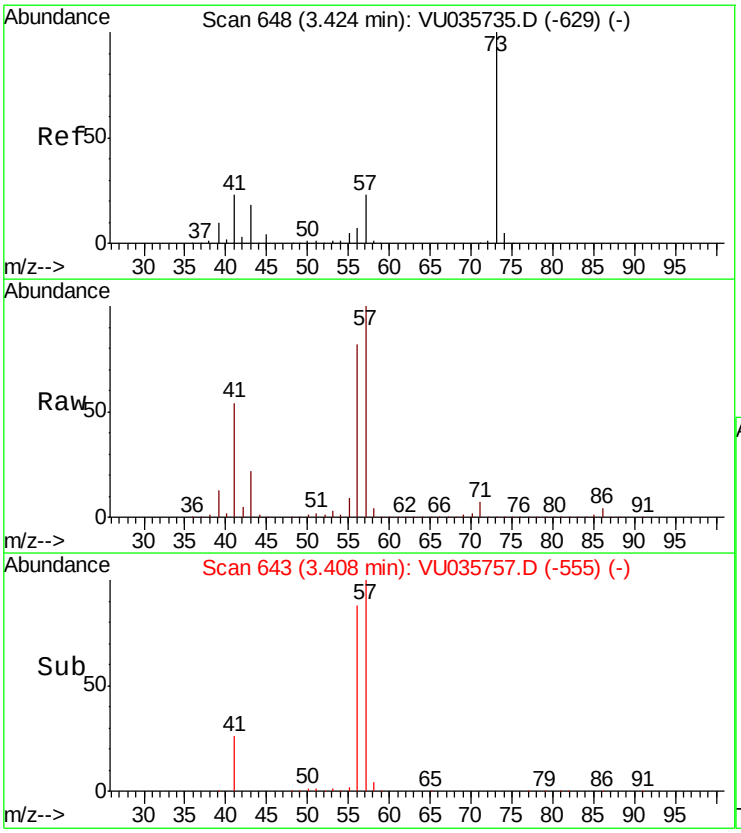
#16
Methylene chloride
Concen: 7.580 ug/L
RT: 3.01 min Scan# 519
Delta R.T. -0.07 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 198286

Ion	Ratio	Lower	Upper
84	100		
86	0.2	45.8	85.2#
49	2.0	81.9	152.1#

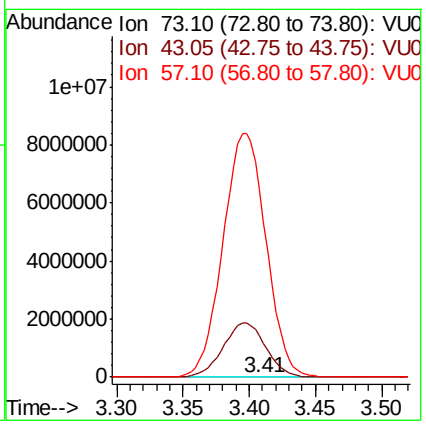


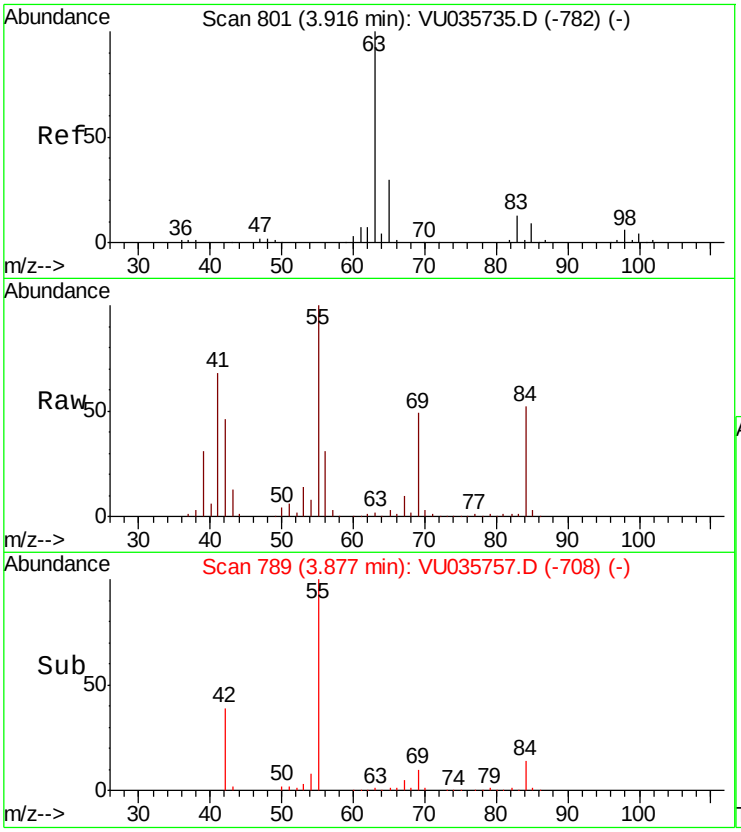


#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 3.41 min Scan# 643
Delta R.T. -0.02 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 73 Resp: 5975

Ion	Ratio	Lower	Upper
73	100		
43	69125.8	14.4	21.6#
57	316344.3	18.2	27.2#



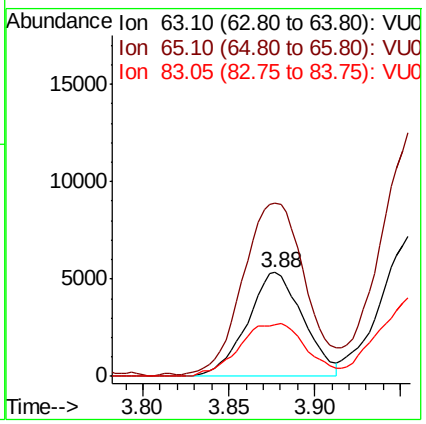


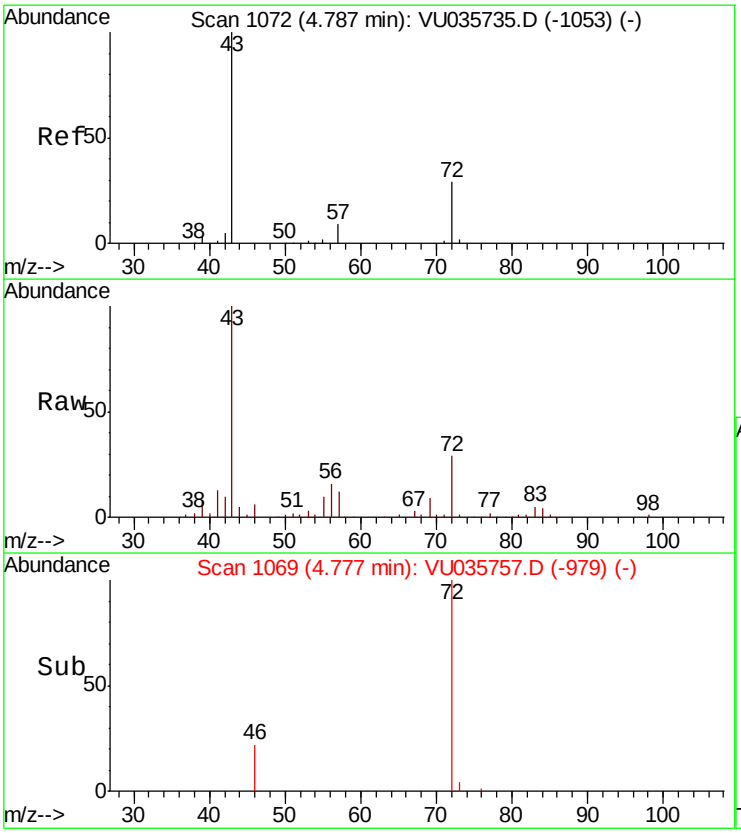
#19
1,1-Dichloroethane
Concen: 0.286 ug/L
RT: 3.88 min Scan# 789
Delta R.T. -0.04 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12085

Ion	Ratio	Lower	Upper
63	100		
65	167.0	22.0	40.8#
83	49.7	9.3	17.3#

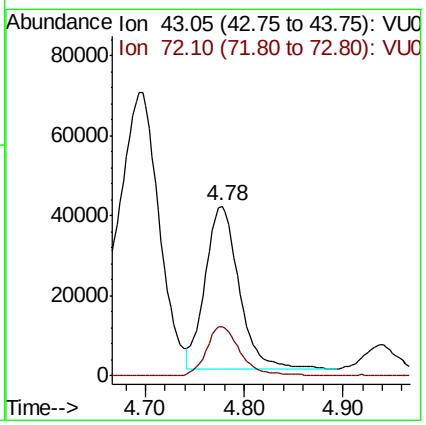


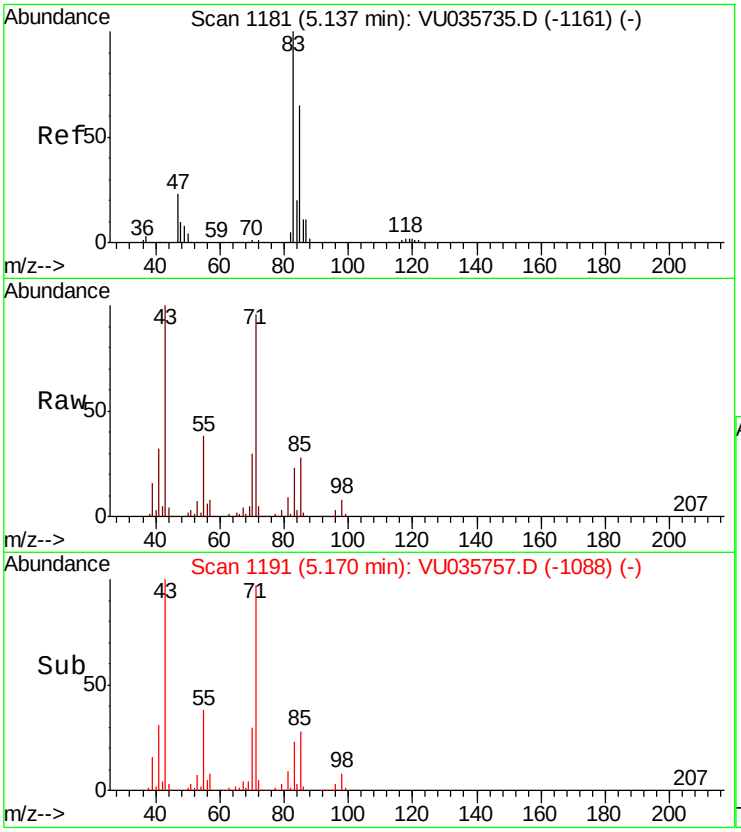


#21
2-Butanone
Concen: 15.909 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 43 Resp: 97117

Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.3	42.9



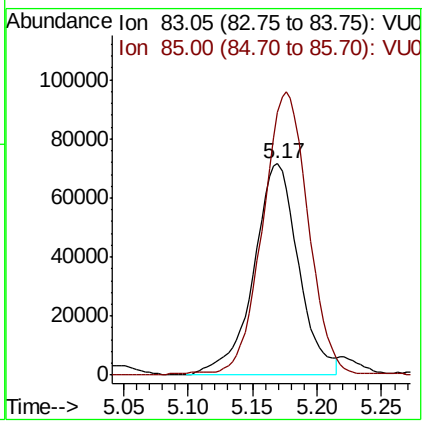


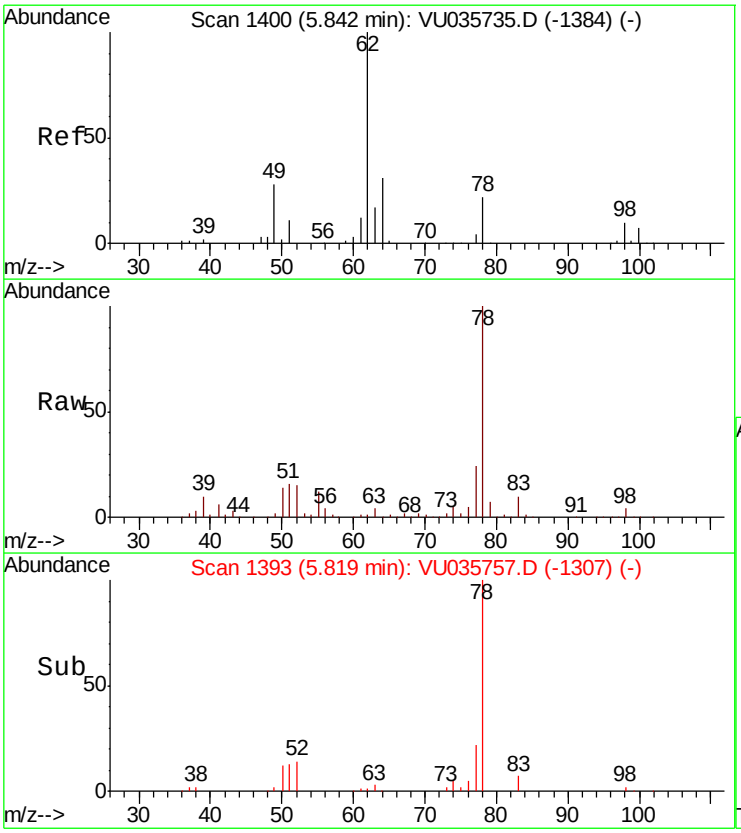
#25
Chloroform
Concen: 3.795 ug/L
RT: 5.17 min Scan# 1191
Delta R.T. 0.03 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 174110

Ion	Ratio	Lower	Upper
83	100		
85	124.1	45.4	84.2#

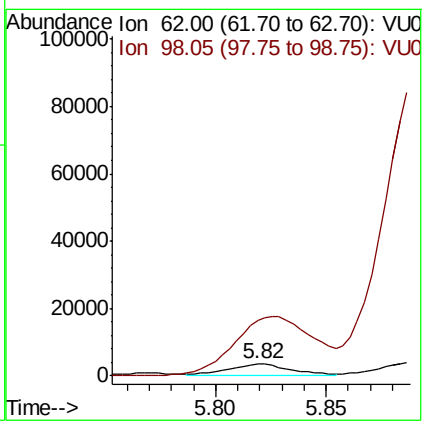


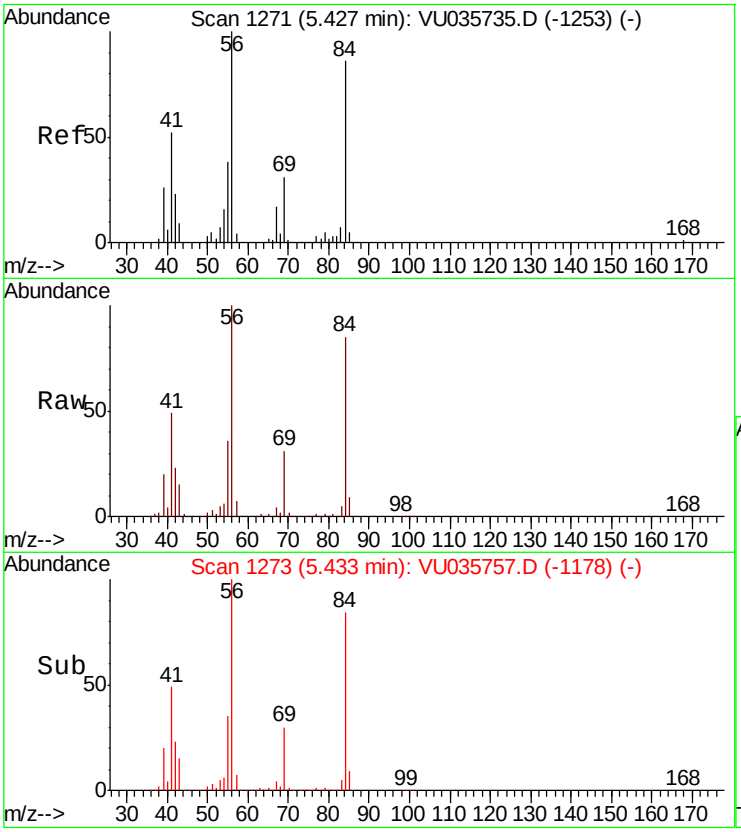


#27
1,2-Dichloroethane
Concen: 0.284 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.02 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 62 Resp: 7263

Ion	Ratio	Lower	Upper
62	100		
98	454.9	8.0	12.0#



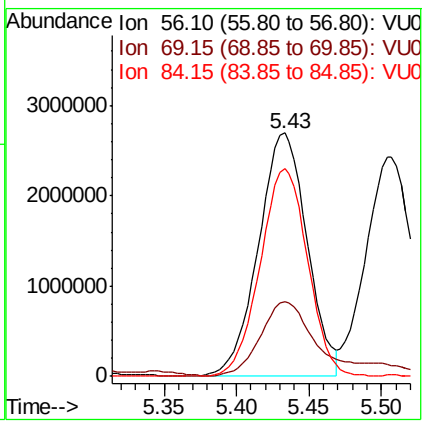


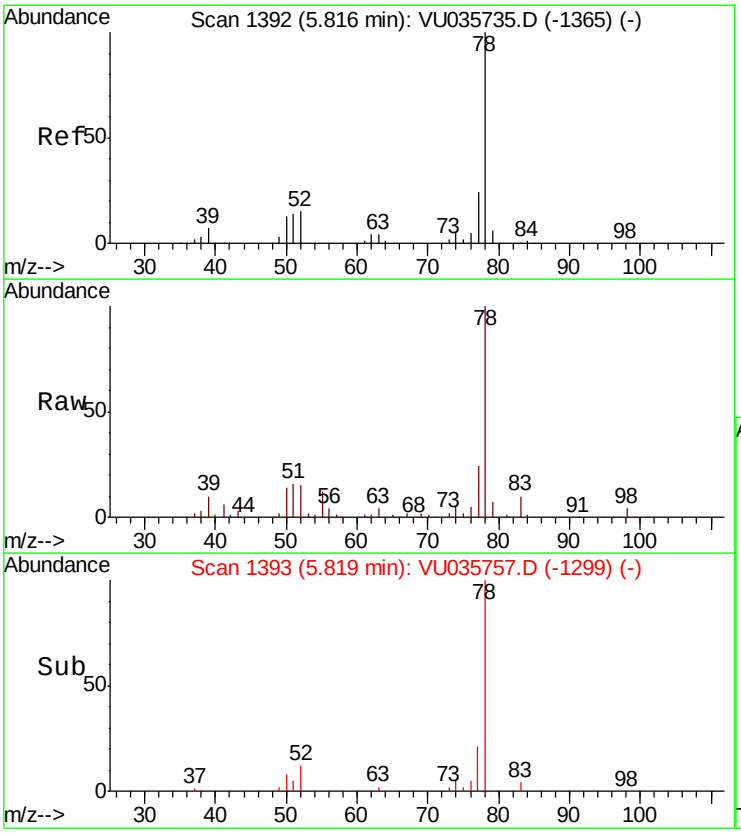
#30
Cyclohexane
Concen: 178.331 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 6259208

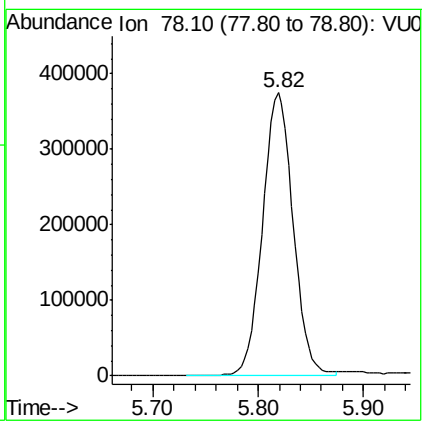
Ion	Ratio	Lower	Upper
56	100		
69	39.7	24.6	37.0#
84	83.8	69.7	104.5

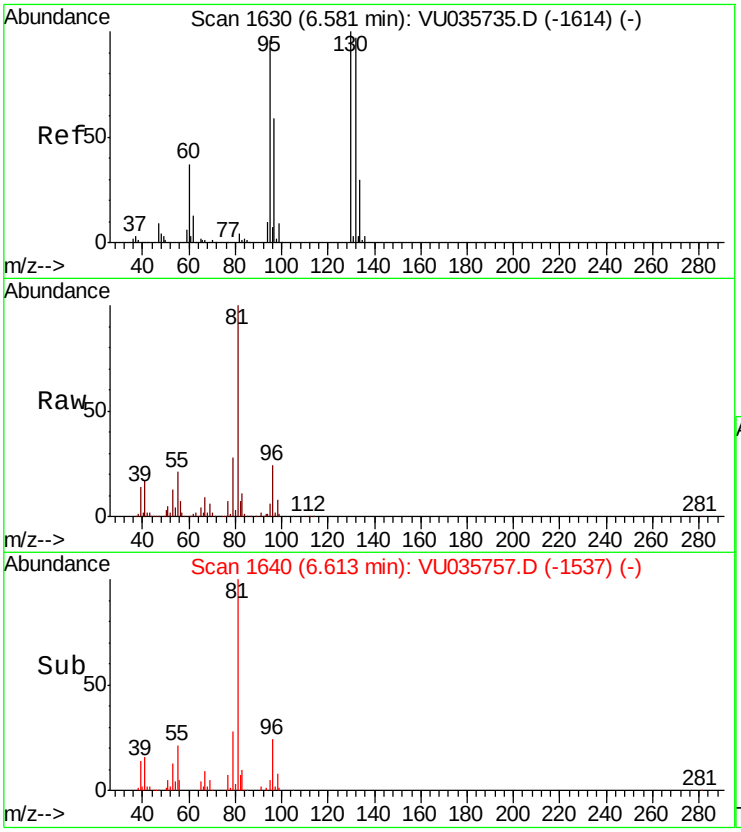




#33
Benzene
Concen: 8.059 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 78 Resp: 756335



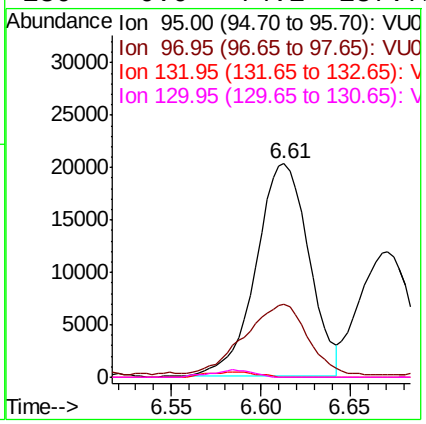


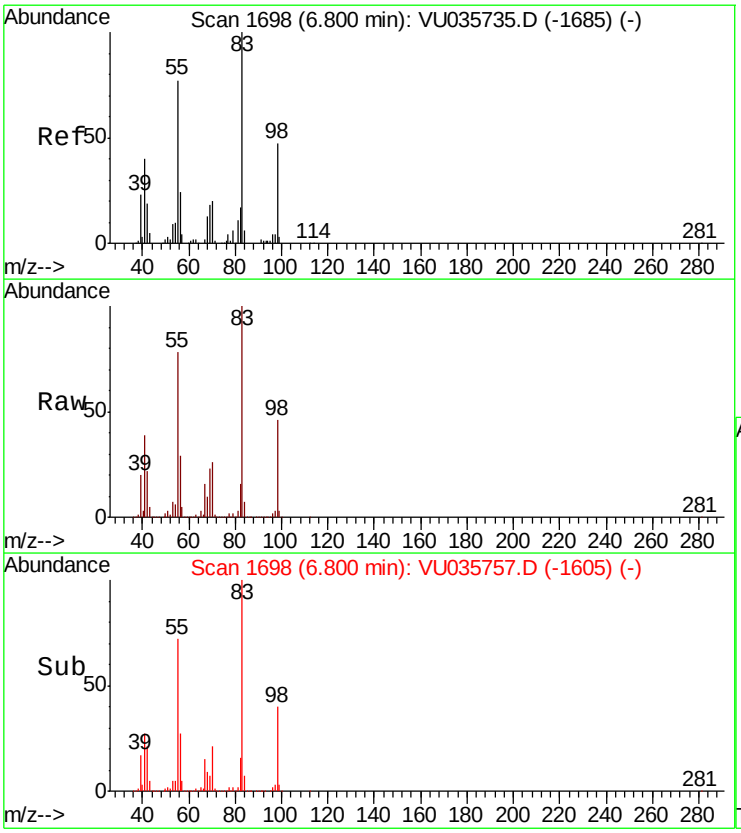
#34
Trichloroethene
Concen: 1.746 ug/L
RT: 6.61 min Scan# 1640
Delta R.T. 0.03 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 41933

Ion	Ratio	Lower	Upper
95	100		
97	34.4	44.5	82.7#
132	0.0	69.9	129.7#
130	0.0	74.1	137.7#

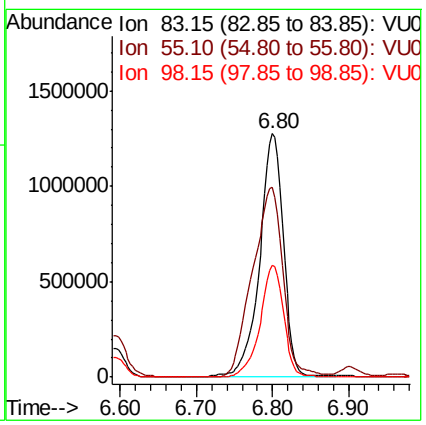


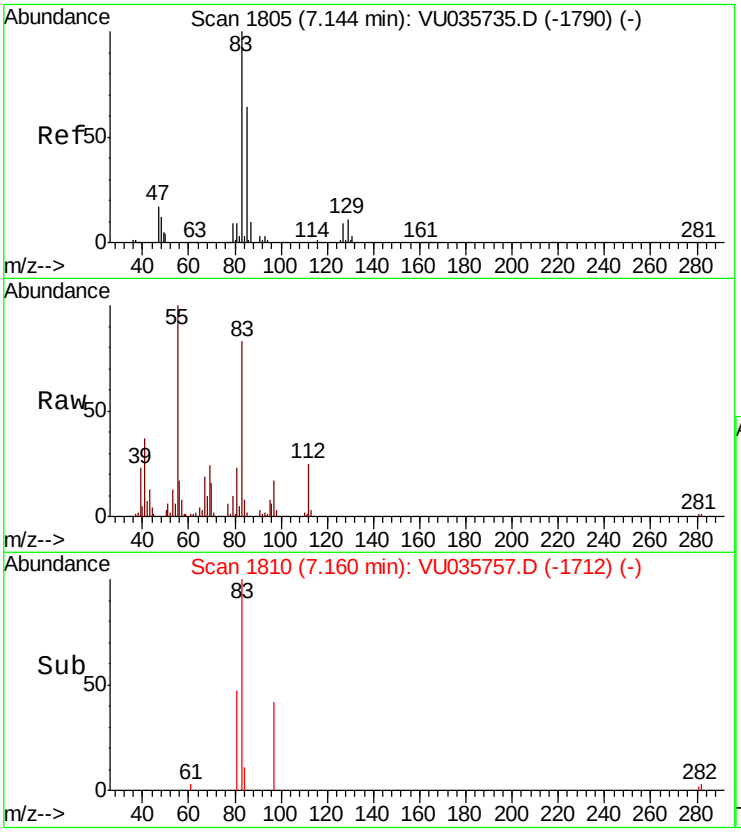


#35
Methylcyclohexane
Concen: 75.579 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 83 Resp: 2765469

Ion	Ratio	Lower	Upper
83	100		
55	99.5	62.6	93.8#
98	45.2	37.2	55.8



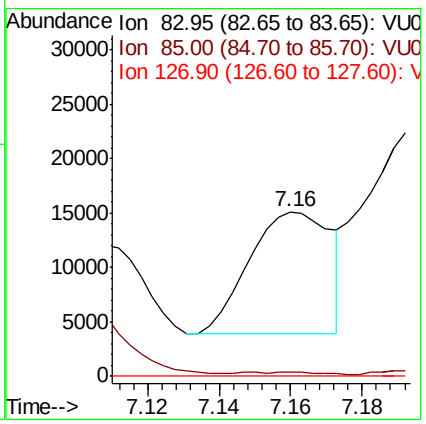


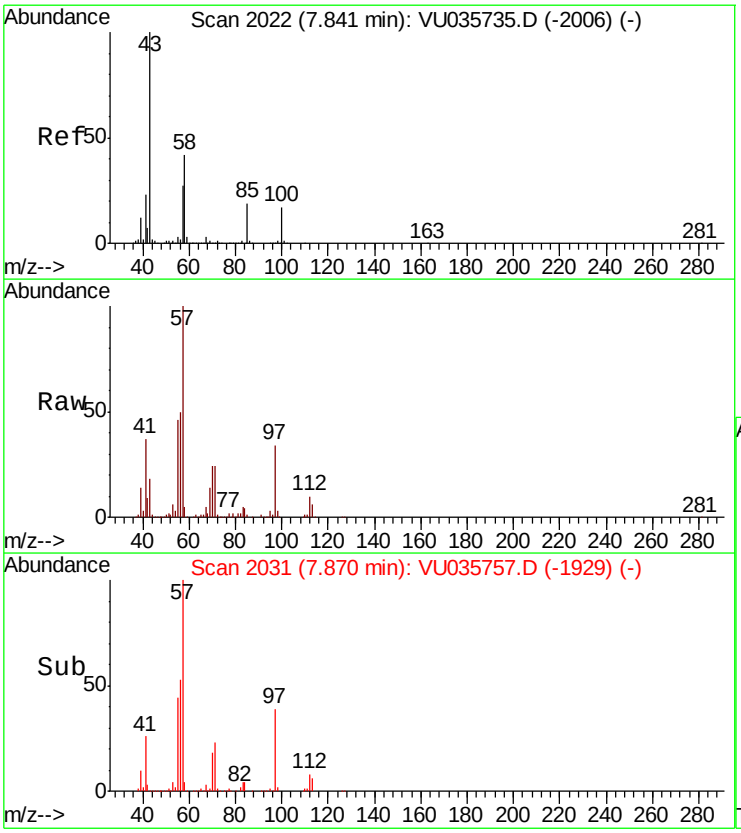
#38
Bromodichloromethane
Concen: 0.595 ug/L
RT: 7.16 min Scan# 1810
Delta R.T. 0.02 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 17788

Ion	Ratio	Lower	Upper
83	100		
85	2.7	44.7	82.9#
127	0.0	7.1	10.7#

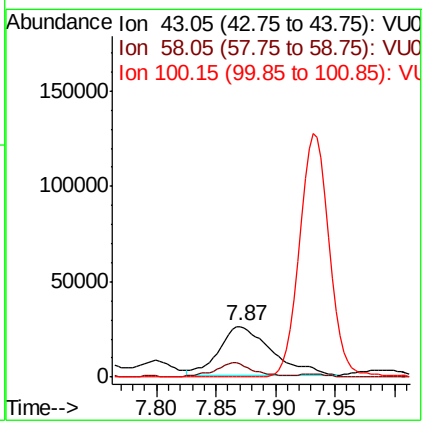


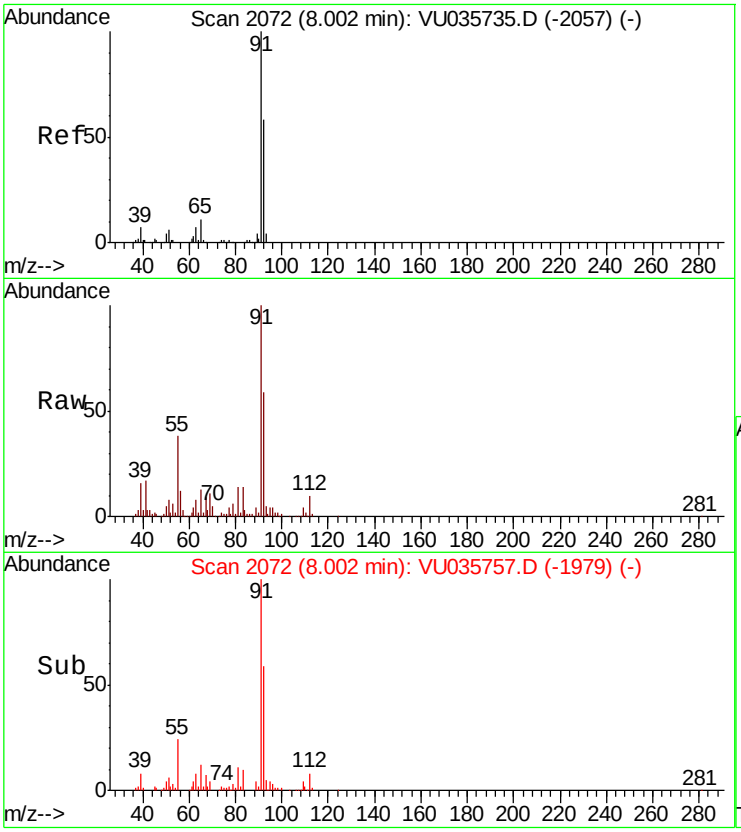


#40
4-Methyl-2-pentanone
Concen: 5.388 ug/L
RT: 7.87 min Scan# 2031
Delta R.T. 0.03 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 43 Resp: 76621

Ion	Ratio	Lower	Upper
43	100		
58	21.3	33.4	50.2#
100	0.0	12.7	19.1#



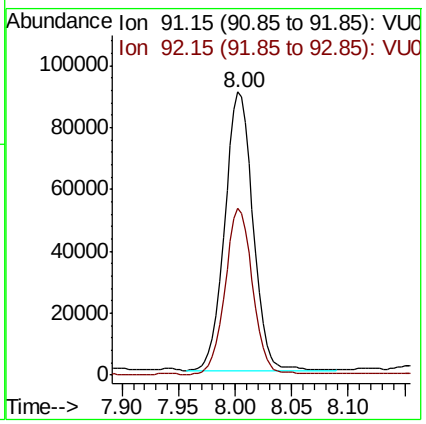


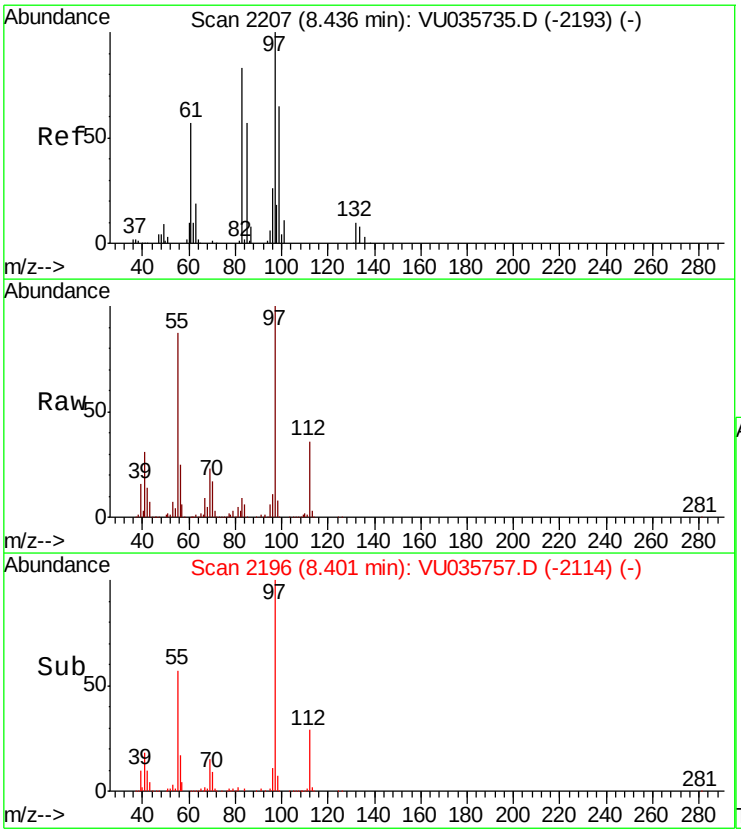
#42
Toluene
Concen: 1.579 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 155951

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.5	75.3

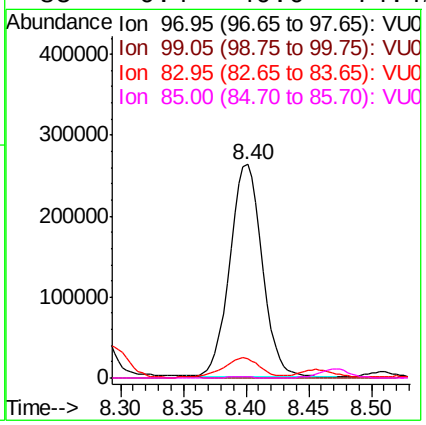


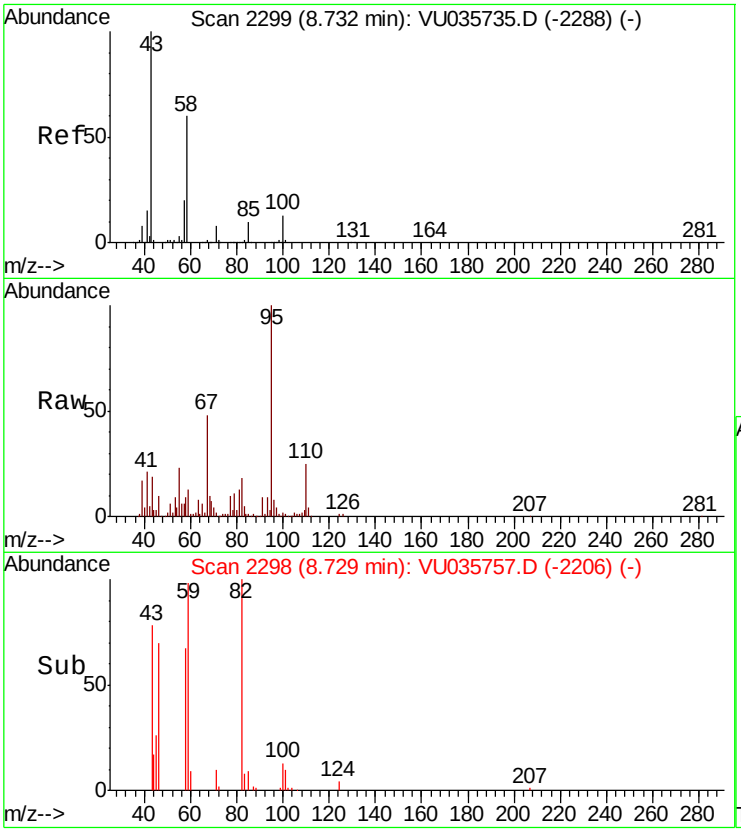


#45
1,1,2-Trichloroethane
Concen: 26.760 ug/L
RT: 8.40 min Scan# 2196
Delta R.T. -0.04 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 97 Resp: 473915

Ion	Ratio	Lower	Upper
97	100		
99	0.2	43.8	81.4#
83	9.0	61.6	114.4#
85	0.4	40.0	74.4#



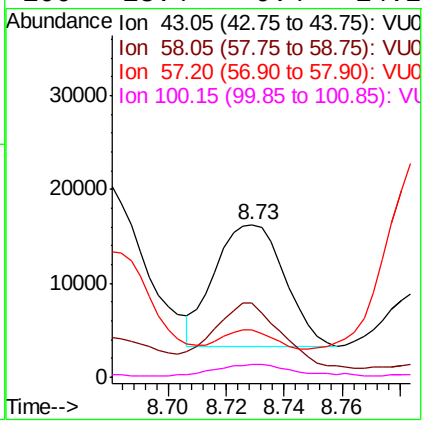


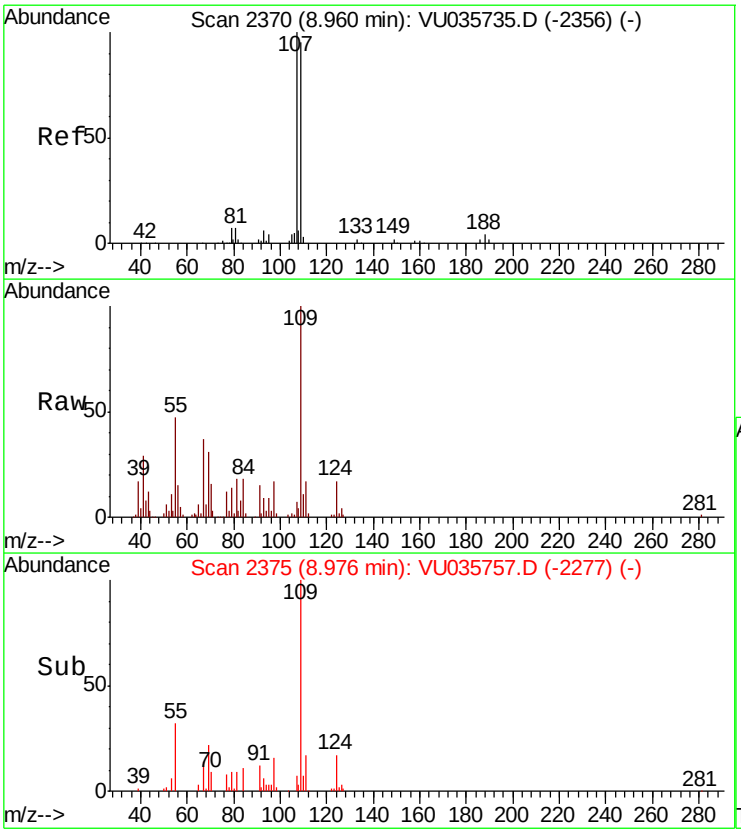
#48
2-Hexanone
Concen: 2.131 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 21535

Ion	Ratio	Lower	Upper
43	100		
58	64.6	44.1	66.1
57	11.3	15.1	22.7#
100	13.4	9.4	14.2

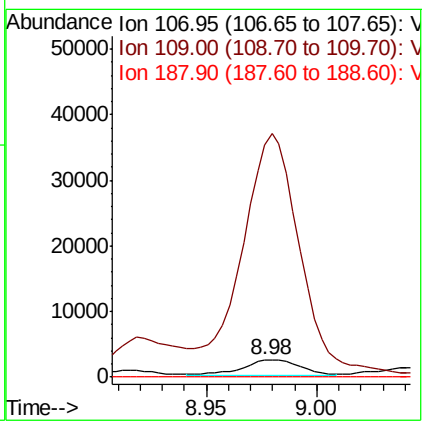


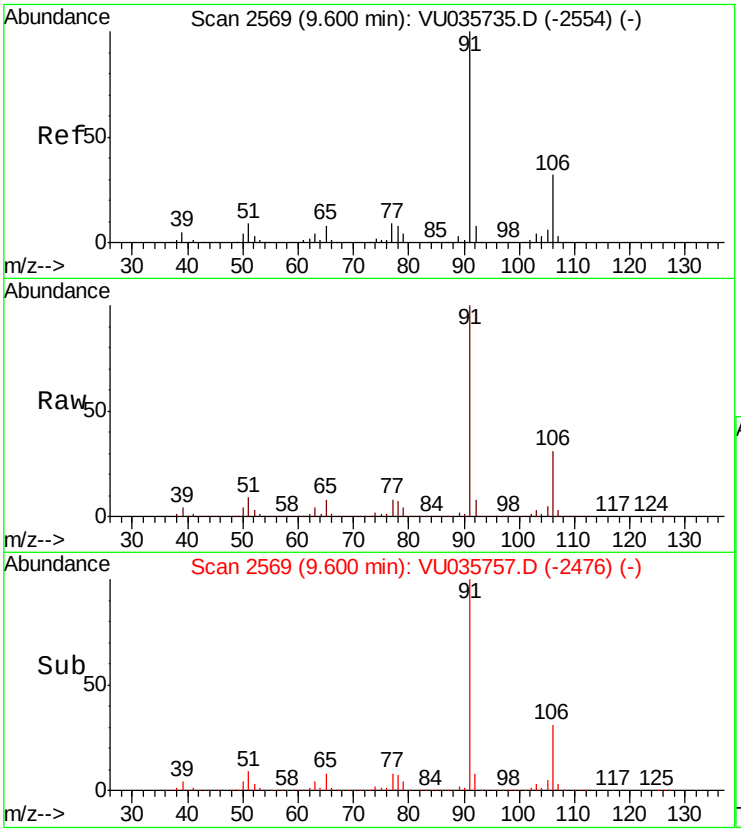


#50
1,2-Dibromoethane
Concen: 0.241 ug/L
RT: 8.98 min Scan# 2375
Delta R.T. 0.02 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion:107 Resp: 4051

Ion	Ratio	Lower	Upper
107	100		
109	1347.0	66.5	123.5#
188	0.0	3.1	4.7#



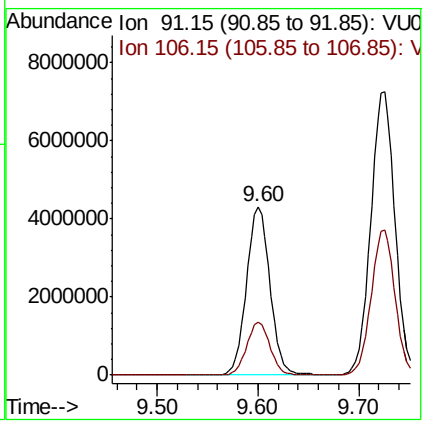


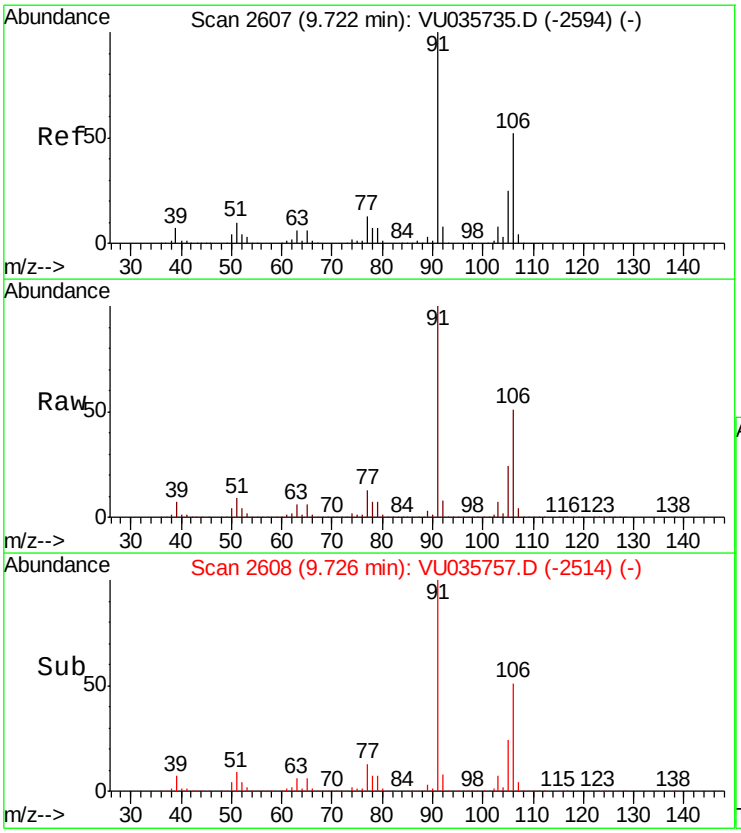
#52
Ethylbenzene
Concen: 66.306 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 6890353

Ion	Ratio	Lower	Upper
91	100		
106	31.4	22.4	41.6

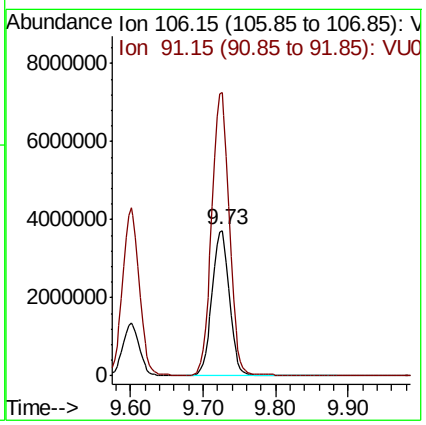


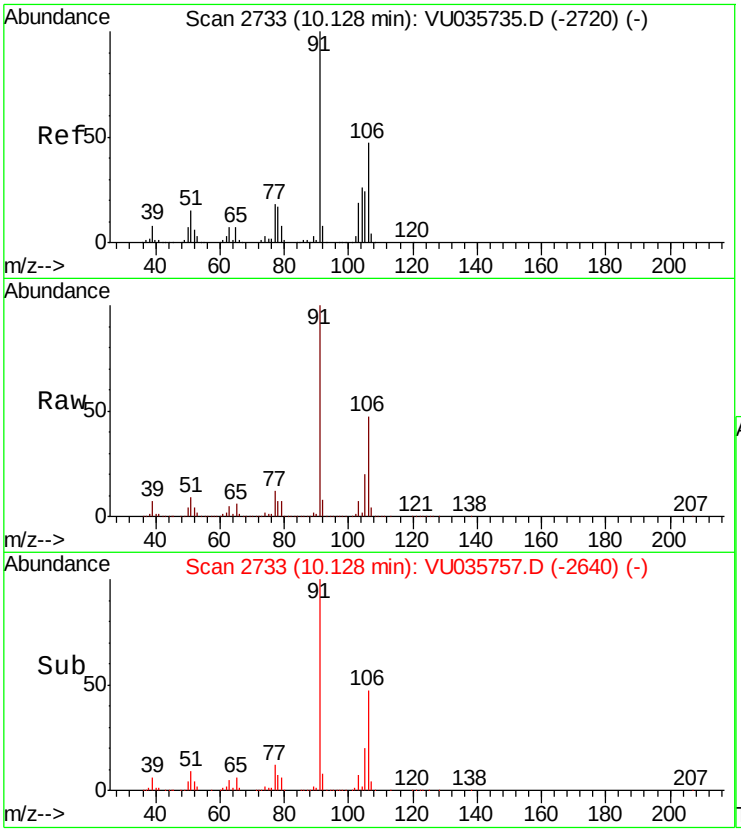


#53
m,p-Xylene
Concen: 158.551 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion:106 Resp: 6238793

Ion	Ratio	Lower	Upper
106	100		
91	194.6	139.4	259.0



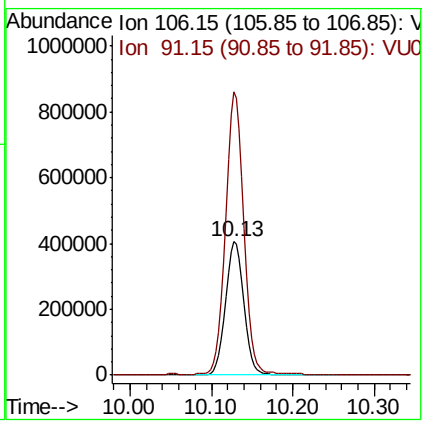


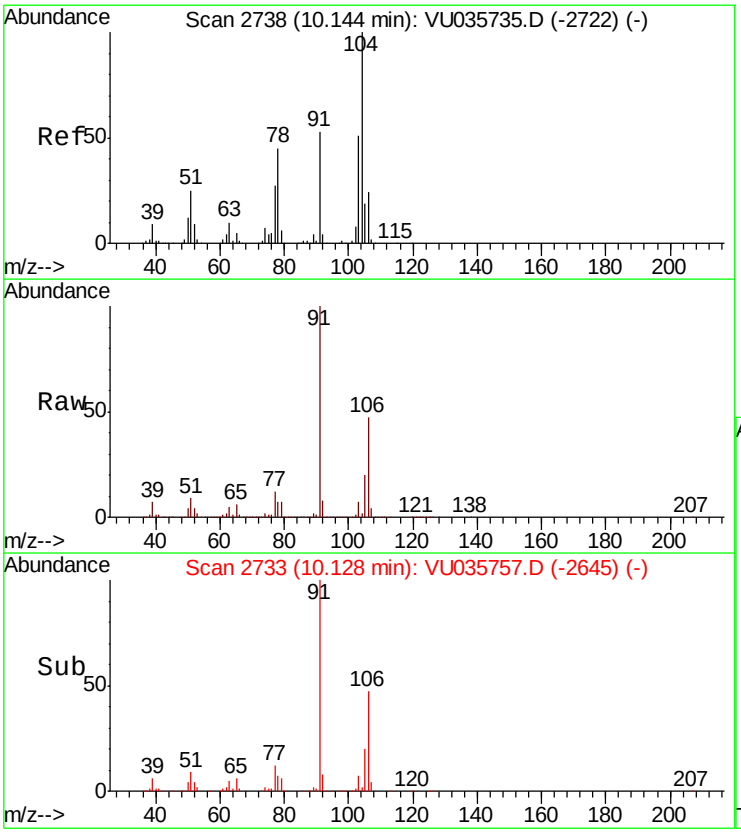
#54
o-Xylene
Concen: 17.094 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 650063

Ion	Ratio	Lower	Upper
106	100		
91	212.2	147.7	274.3

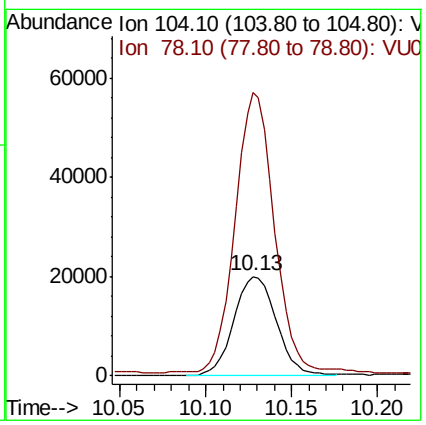


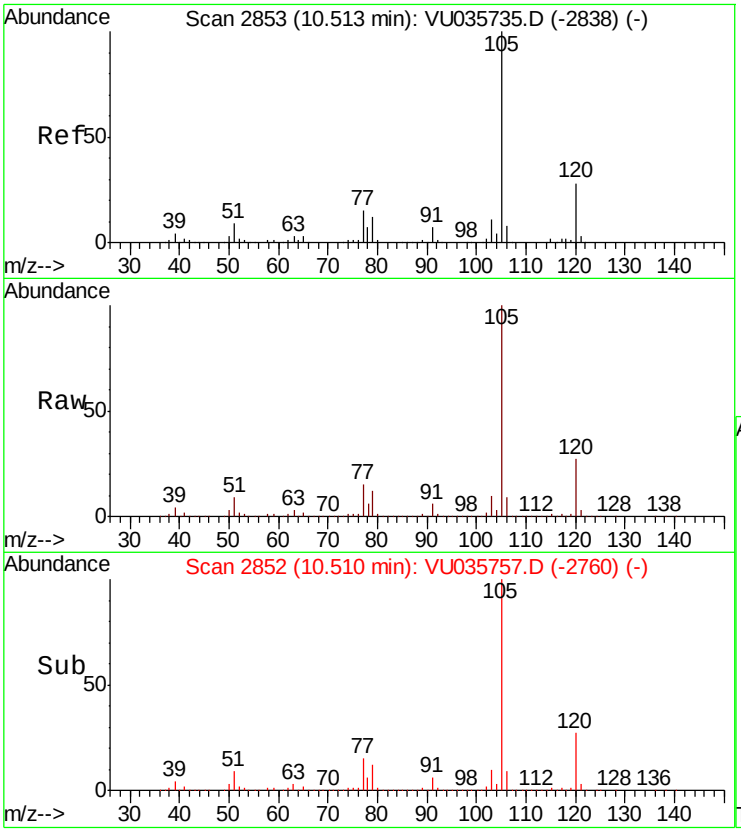


#55
Styrene
Concen: 0.551 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.02 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion:104 Resp: 34654

Ion	Ratio	Lower	Upper
104	100		
78	285.2	30.8	57.2#



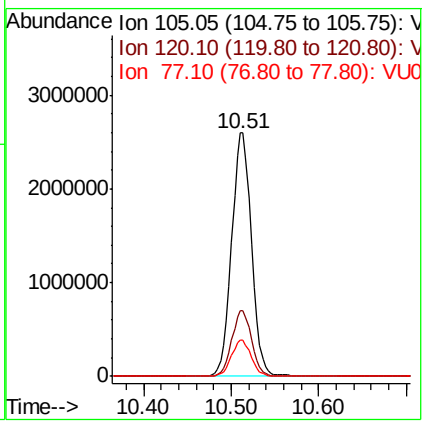


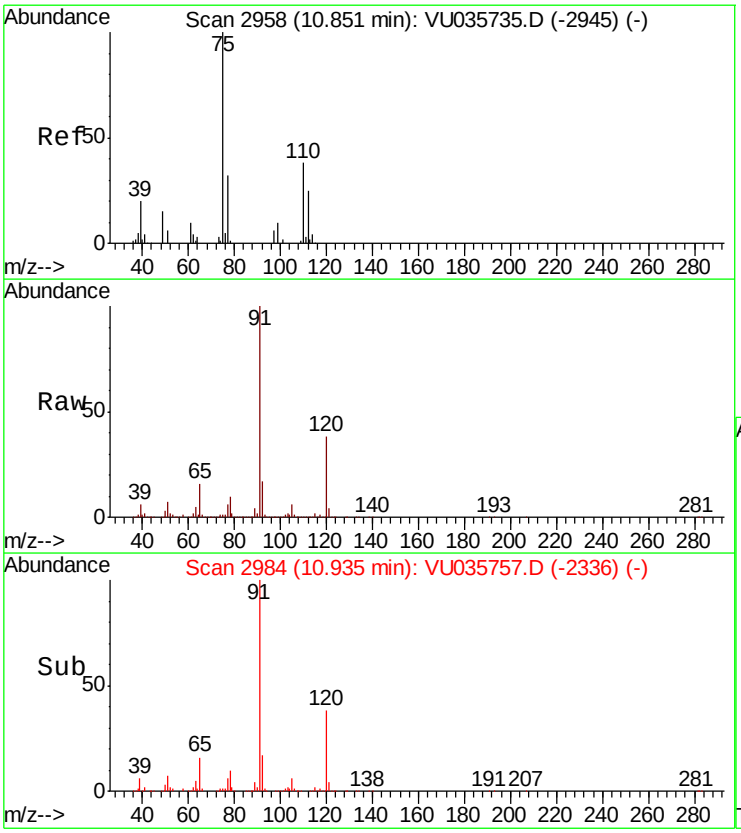
#56
Isopropylbenzene
Concen: 40.652 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 4079573

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.2
77	14.8	11.8	17.8

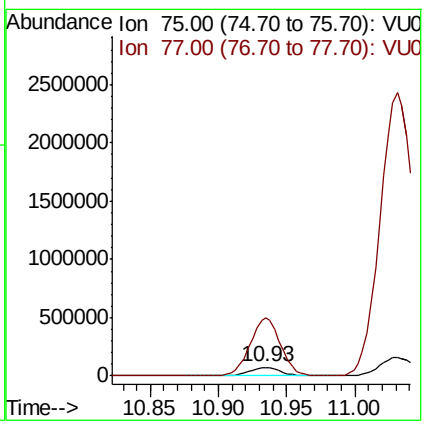


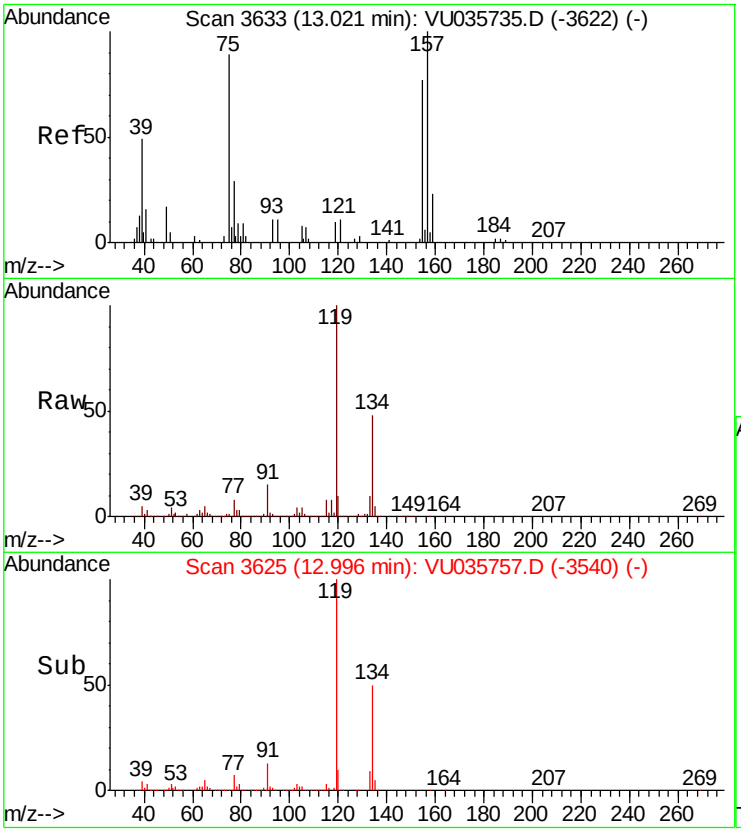


#59
1,2,3-Trichloropropane
Concen: 6.960 ug/L
RT: 10.93 min Scan# 2984
Delta R.T. 0.08 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 75 Resp: 113824

Ion	Ratio	Lower	Upper
75	100		
77	669.3	26.8	40.2#



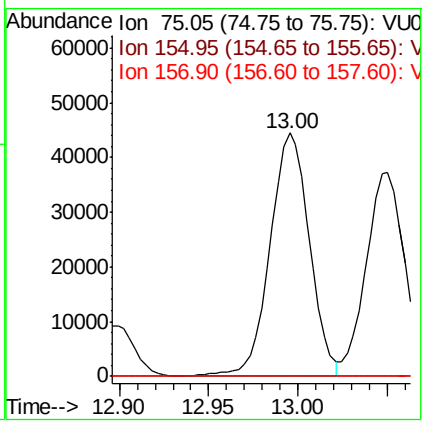


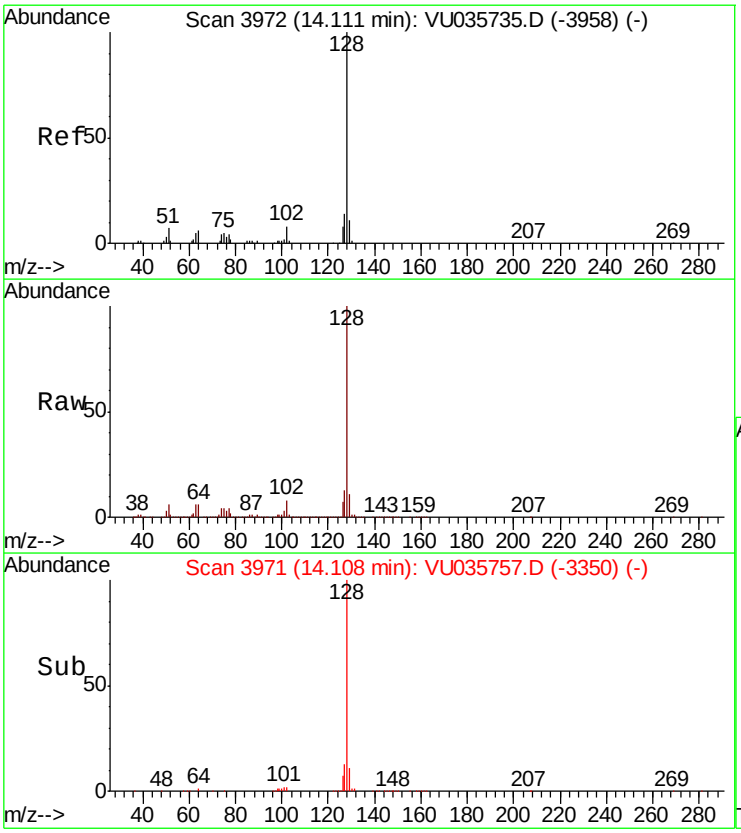
#66
1,2-Dibromo-3-chloropropane
Concen: 18.814 ug/L
RT: 13.00 min Scan# 3625
Delta R.T. -0.03 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 68193

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.3	109.9#
157	0.0	102.2	153.4#





#69
Naphthalene
Concen: 78.530 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VU035757.D
Acq: 18 Nov 2019 20:52

Tgt Ion:128 Resp: 2279365

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.1	12.1#
127	13.2	11.0	16.4