Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041756.D
Acq On : 22 Dec 2020 21:13
Operator : SY/MD
Sample : L5161-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB238

Quant Time: Dec 23 05:10:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53109	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31117	3.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.80%			
7) Chloroethane-d5	1.92	69	36601	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.58	63	59266	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	4.66	46	156894	55.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.26%			
24) Chloroform-d	5.08	84	82739	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.72	65	48448	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.74	84	155142	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	51625	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.90	98	128281	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	8.19	79	20393	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.64	63	134992	49.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51538	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	52134	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	688	0.079	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	560	0.065	ug/L #	1
13) Acetone	2.68	43	59207	32.708	ug/L	98
15) Methyl Acetate	2.97	43	576	0.122	ug/L #	51
16) Methylene chloride	3.06	84	1632	0.159	ug/L	93
21) 2-Butanone	4.75	43	2267	0.769	ug/L	75
25) Chloroform	5.10	83	2737	0.164	ug/L #	74
30) Cyclohexane	5.40	56	1634	0.104	ug/L #	76
31) Carbon tetrachloride	5.54	117	103244	8.483	ug/L	99
34) Trichloroethene	6.56	95	3649	0.370	ug/L	86
35) Methylcyclohexane	6.70	83	12051	0.757	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5517	0.550	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1161	0.078	ug/L #	67
44) trans-1,3-Dichloropropene	8.19	75	791	0.060	ug/L #	51
48) 2-Hexanone	8.64	43	14548	2.802	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	6043	0.803	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041756.D
Acq On : 22 Dec 2020 21:13
Operator : SY/MD
Sample : L5161-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB238

Quant Time: Dec 23 05:10:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041756.D
Acq On : 22 Dec 2020 21:13
Operator : SY/MD
Sample : L5161-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

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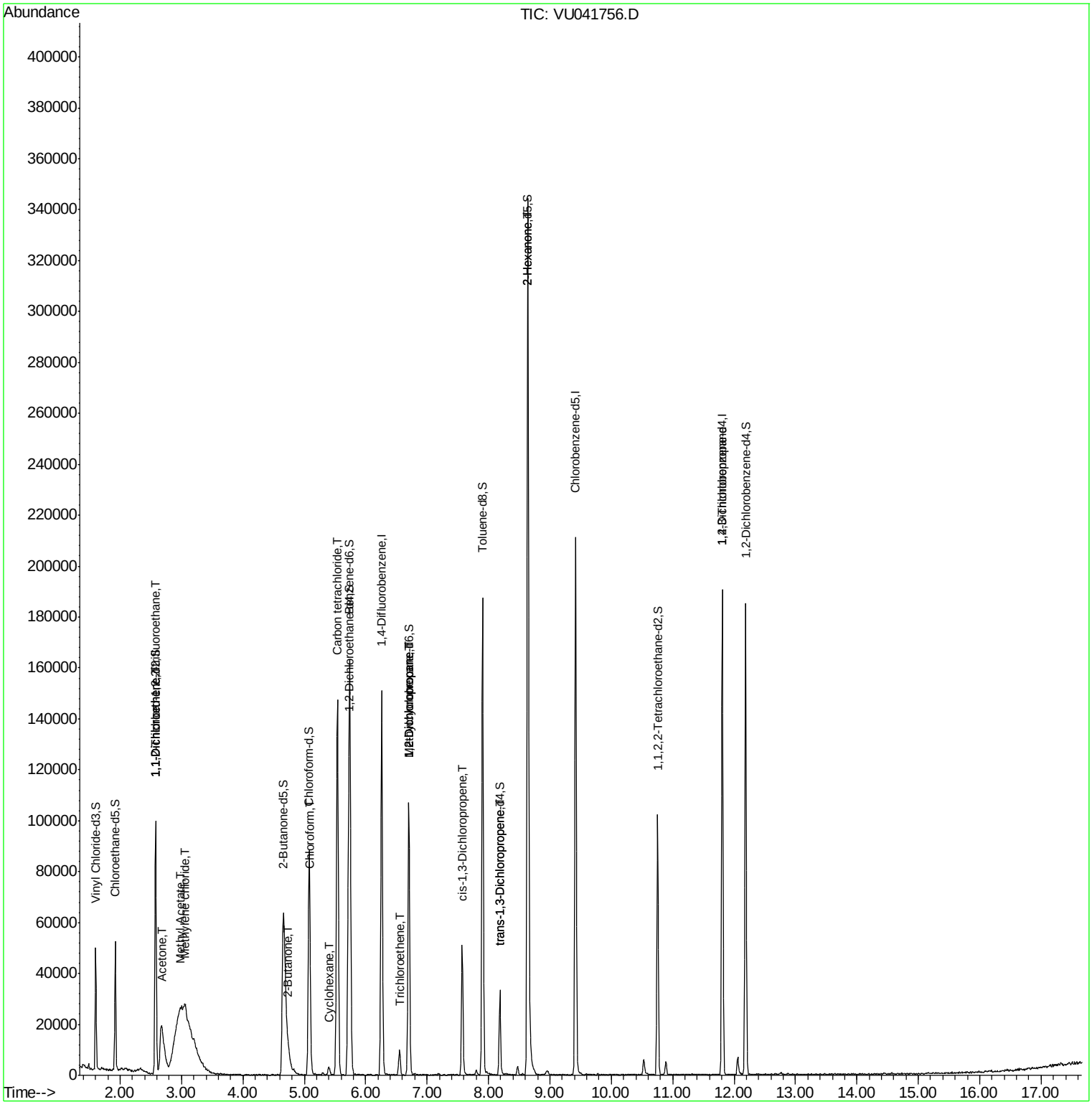
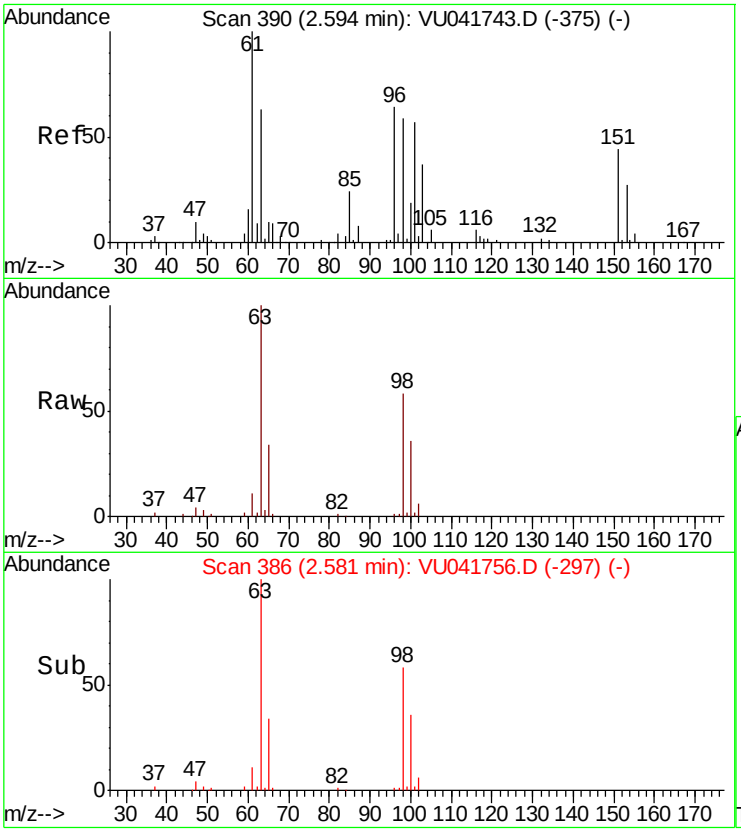
Quant Time: Dec 23 05:10:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration



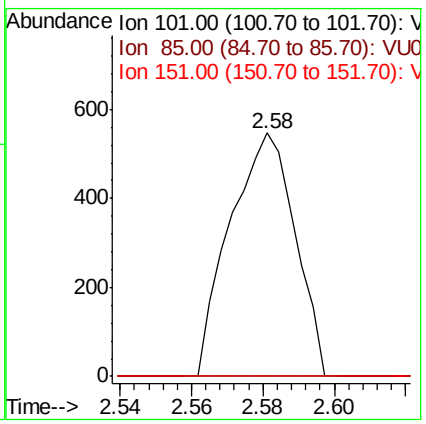


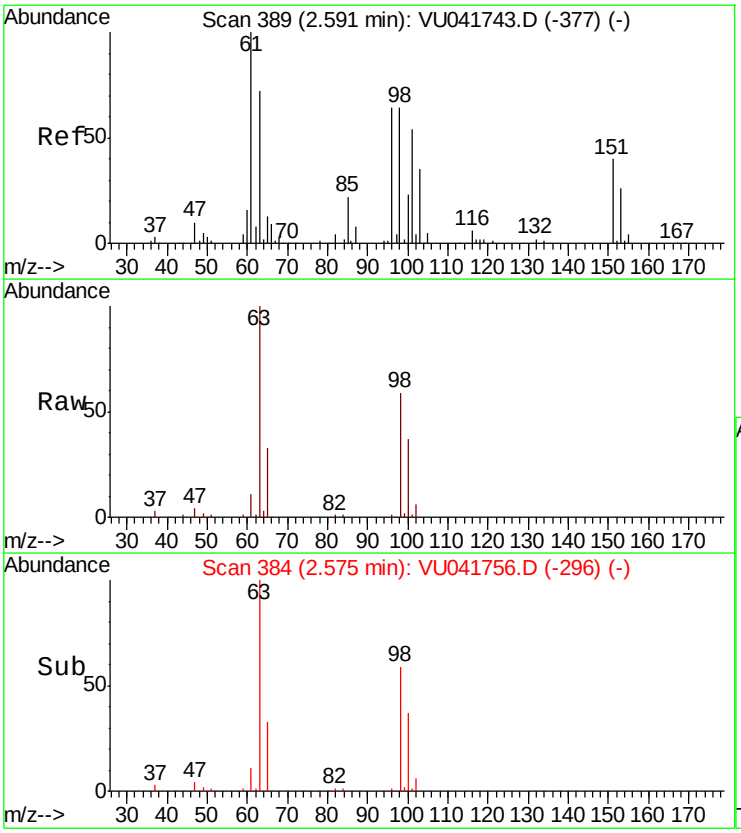
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument :
MSVOA_U
ClientSampleId :
GB238

Tgt Ion:101 Resp: 688

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

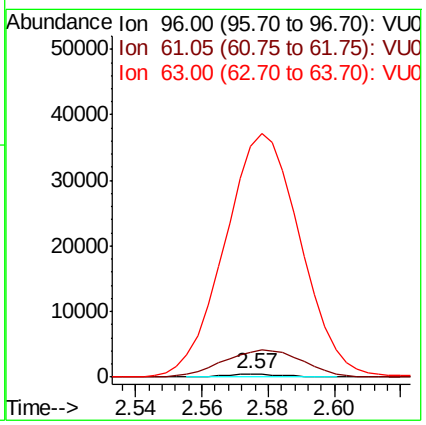


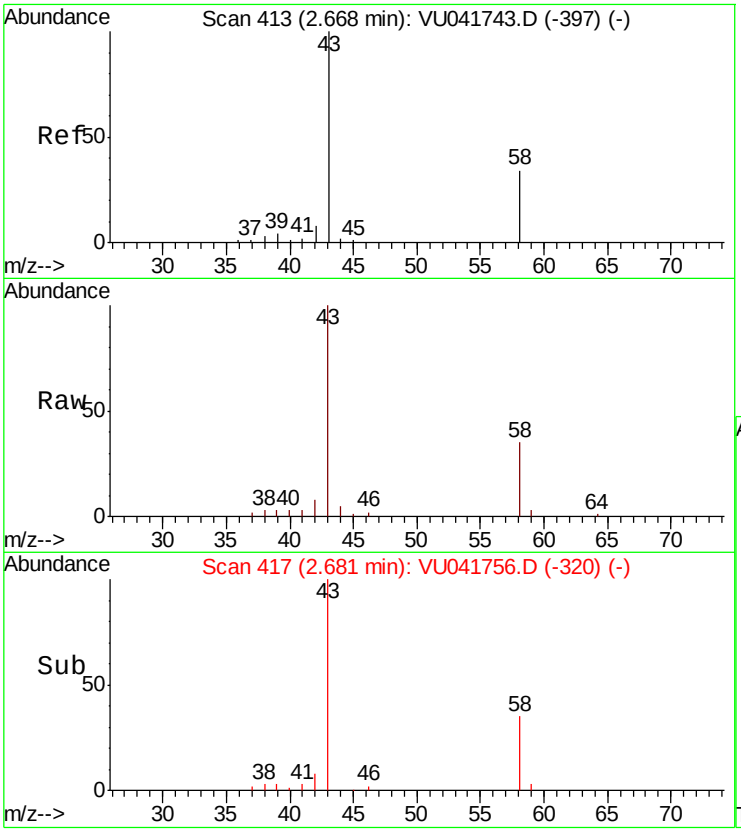


#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 96 Resp: 560

Ion	Ratio	Lower	Upper
96	100		
61	814.0	123.8	230.0#
63	7492.1	81.0	150.4#



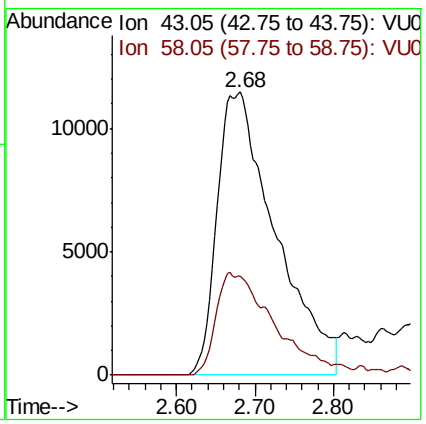


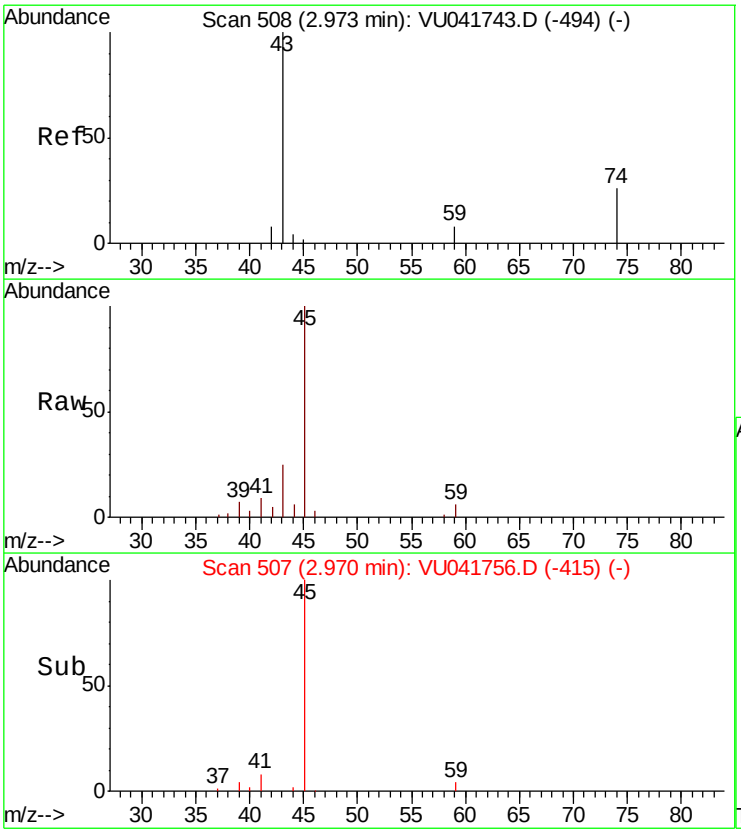
#13
Acetone
Concen: 32.708 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument : MSVOA_U
ClientSampleId : GB238

Tgt Ion: 43 Resp: 59207

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	73.2

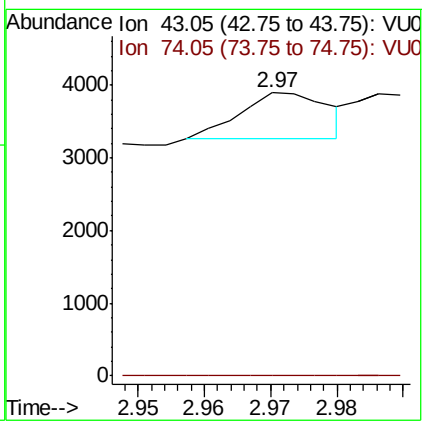


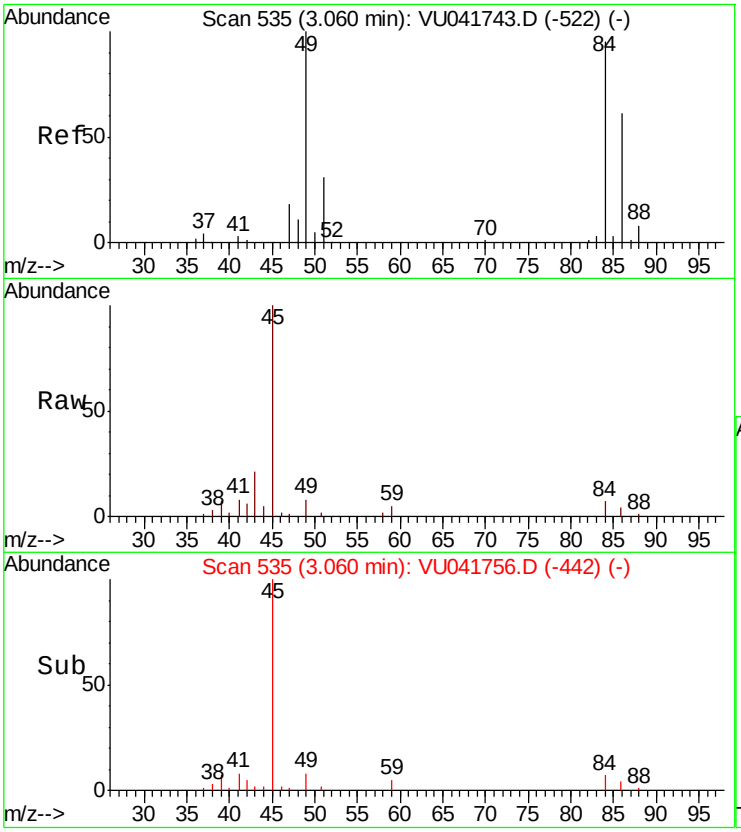


#15
Methyl Acetate
Concen: 0.122 ug/L
RT: 2.97 min Scan# 507
Delta R.T. -0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 43 Resp: 576

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



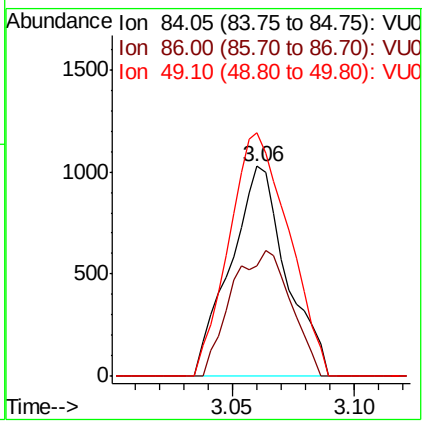


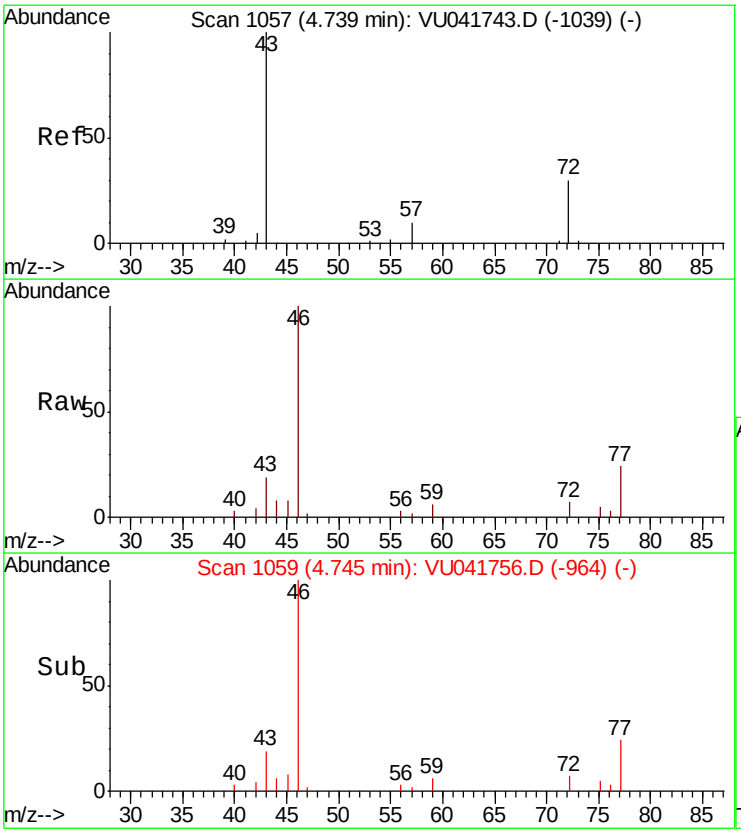
#16
Methylene chloride
Concen: 0.159 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument : MSVOA_U
ClientSampleId : GB238

Tgt Ion: 84 Resp: 1632

Ion	Ratio	Lower	Upper
84	100		
86	52.8	45.1	83.7
49	116.0	83.1	154.3

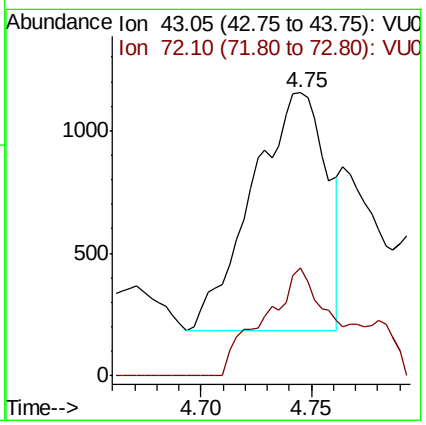


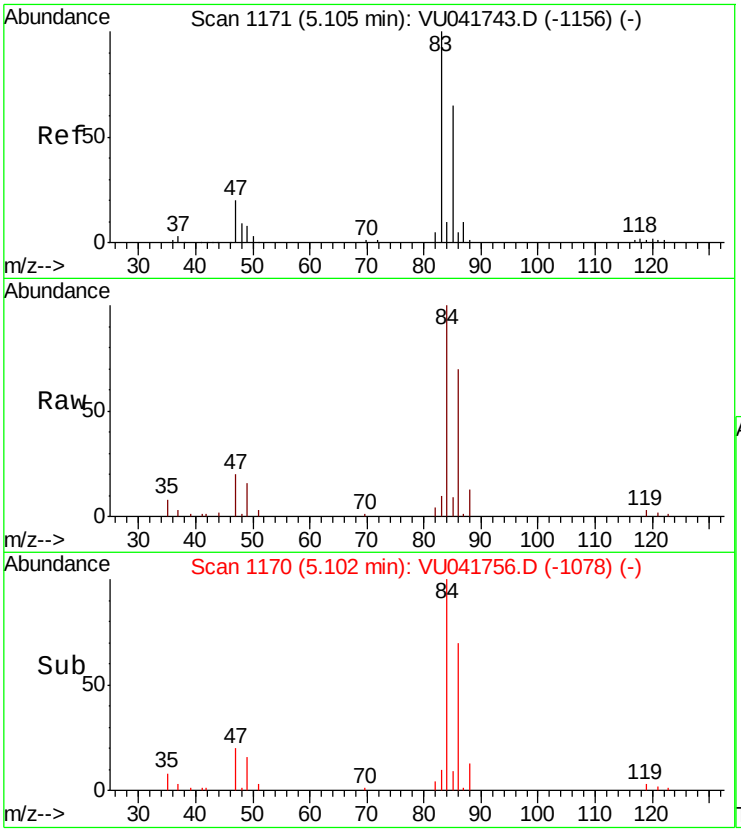


#21
2-Butanone
Concen: 0.769 ug/L
RT: 4.75 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 43 Resp: 2267

Ion	Ratio	Lower	Upper
43	100		
72	43.0	14.6	44.0



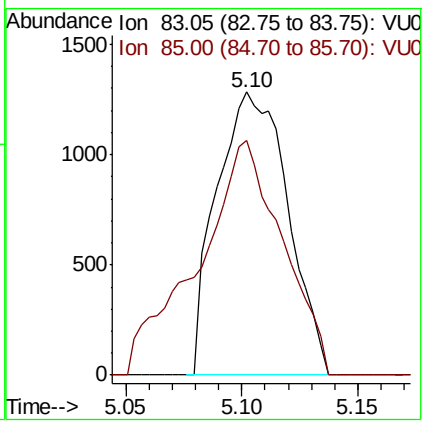


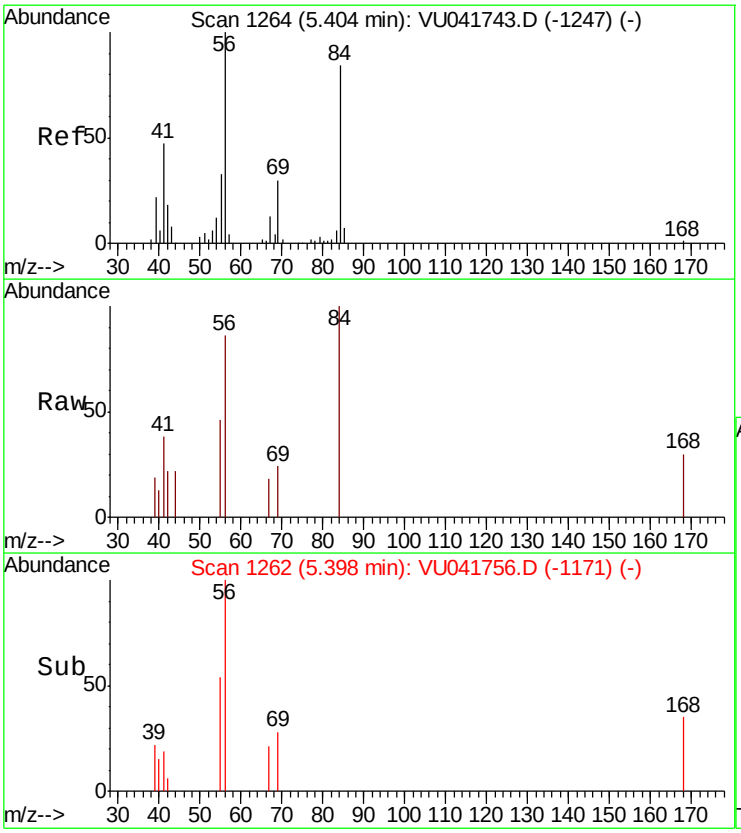
#25
Chloroform
Concen: 0.164 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument : MSVOA_U
ClientSampleId : GB238

Tgt Ion: 83 Resp: 2737

Ion	Ratio	Lower	Upper
83	100		
85	83.2	44.2	82.0#

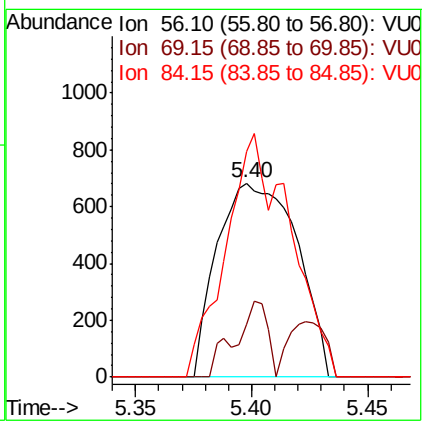


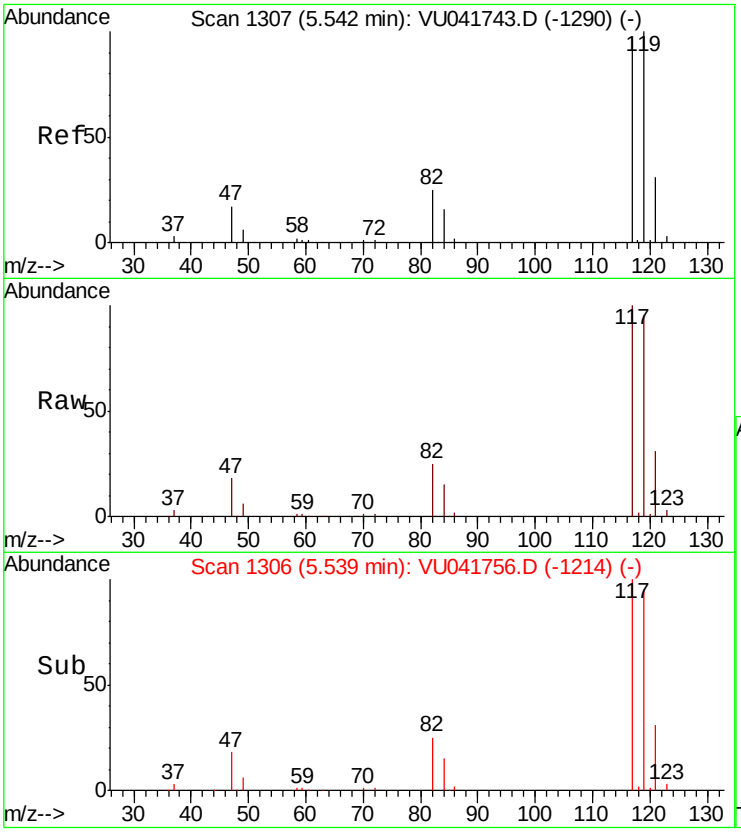


#30
Cyclohexane
Concen: 0.104 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 56 Resp: 1634

Ion	Ratio	Lower	Upper
56	100		
69	11.8	23.8	35.8#
84	63.8	66.2	99.4#



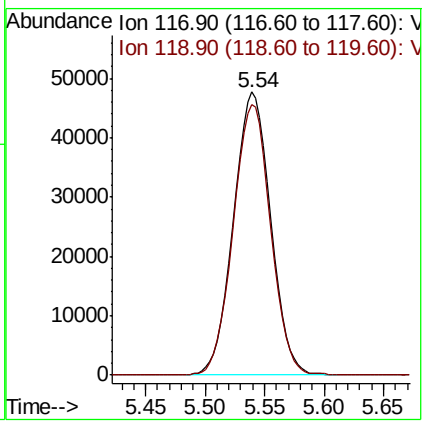


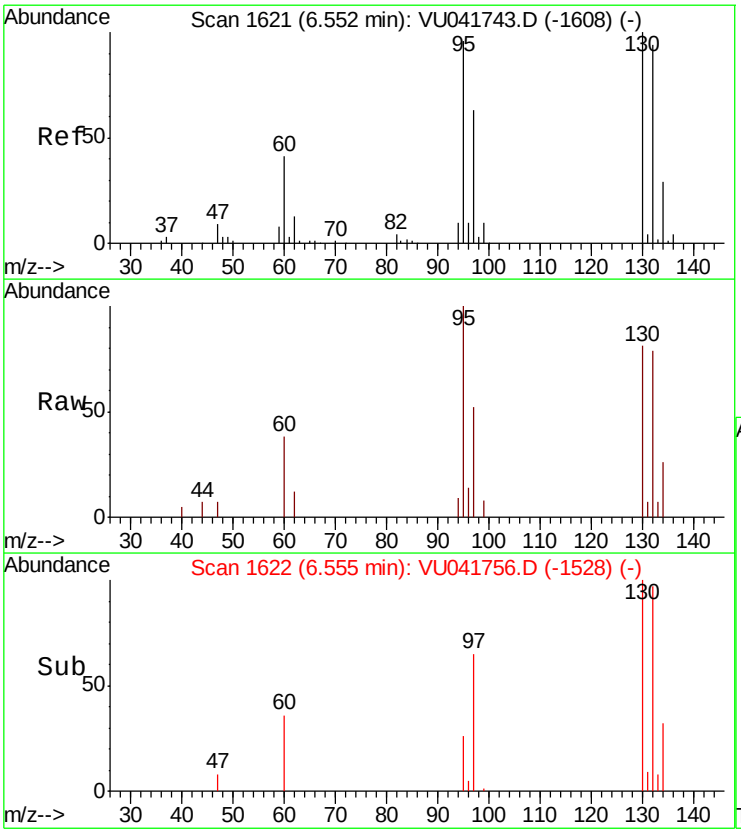
#31
Carbon tetrachloride
Concen: 8.483 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument :
MSVOA_U
ClientSampleId :
GB238

Tgt Ion:117 Resp: 103244

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2

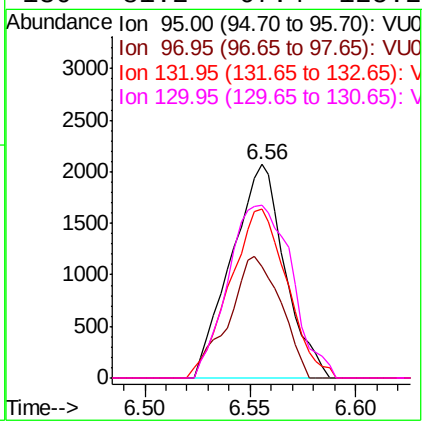


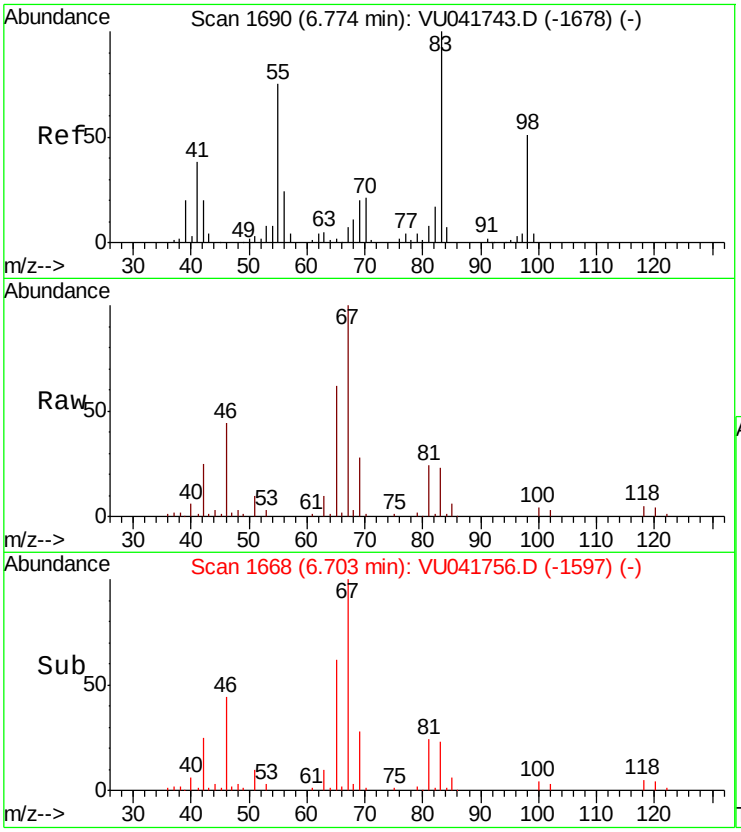


#34
Trichloroethene
Concen: 0.370 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 95 Resp: 3649

Ion	Ratio	Lower	Upper
95	100		
97	52.4	43.9	81.5
132	79.0	63.1	117.3
130	81.2	67.4	125.2



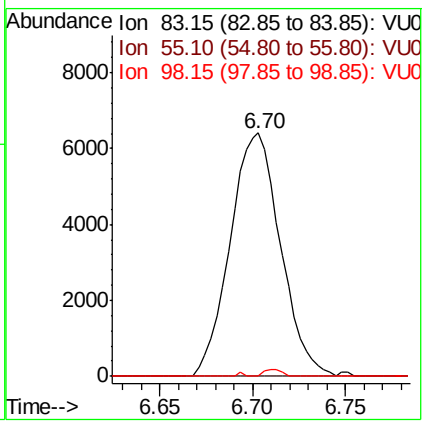


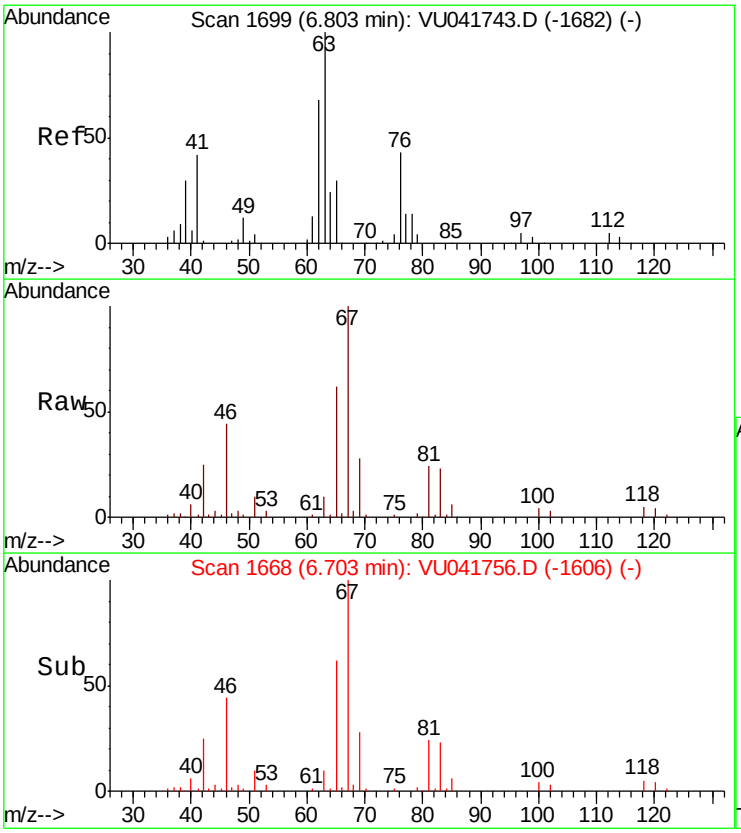
#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument : MSVOA_U
ClientSampleId : GB238

Tgt Ion: 83 Resp: 12051

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.0	36.6	54.8#

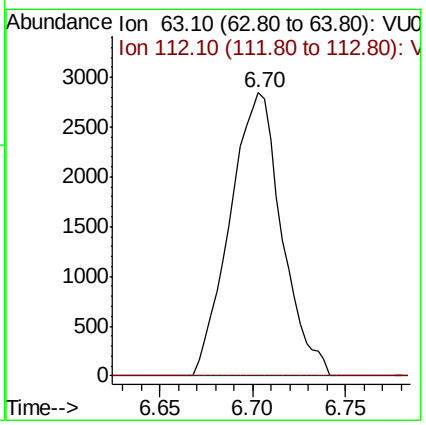


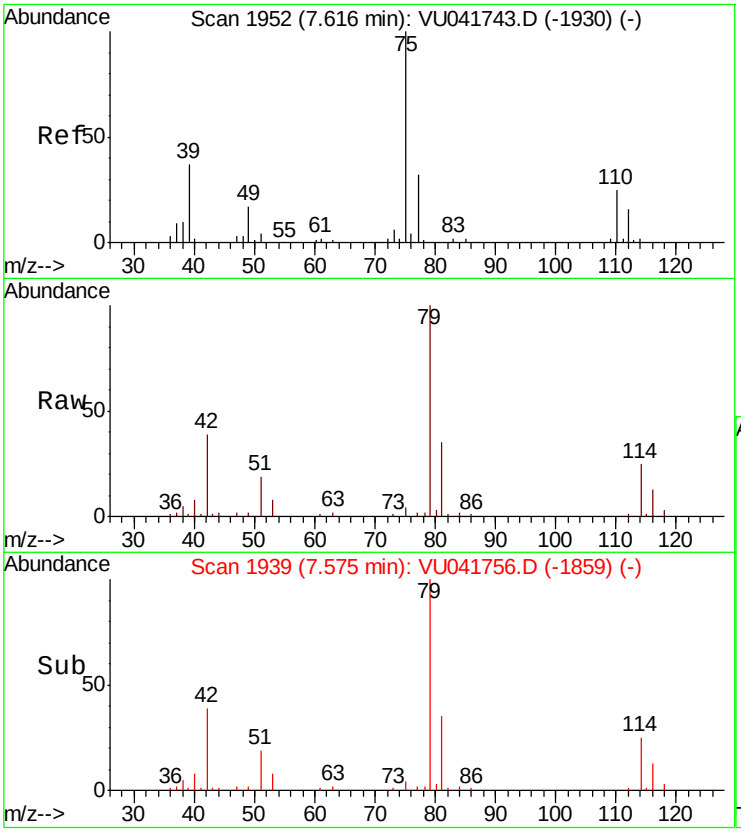


#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 63 Resp: 5517

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



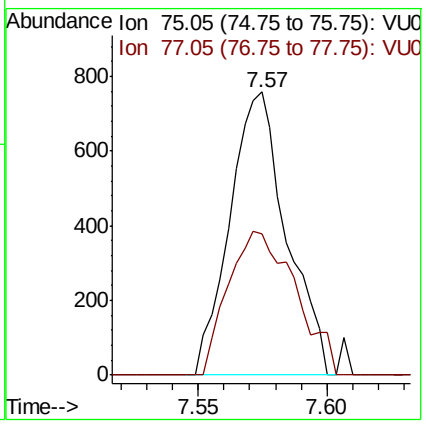


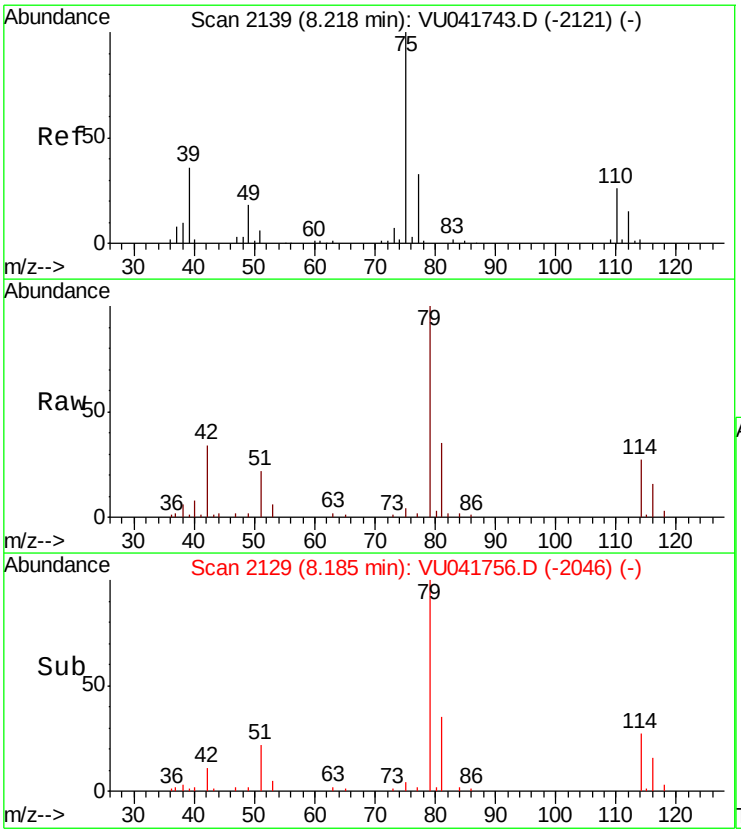
#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument :
MSVOA_U
ClientSampleId :
GB238

Tgt Ion: 75 Resp: 1161

Ion	Ratio	Lower	Upper
75	100		
77	50.1	22.3	41.3#

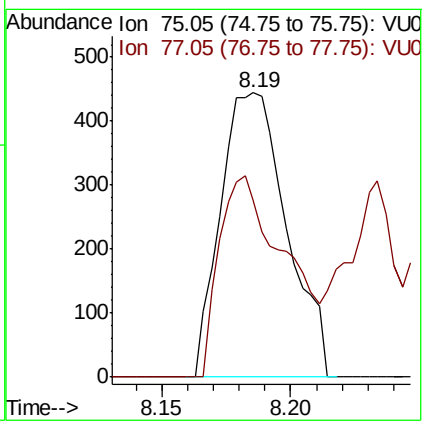


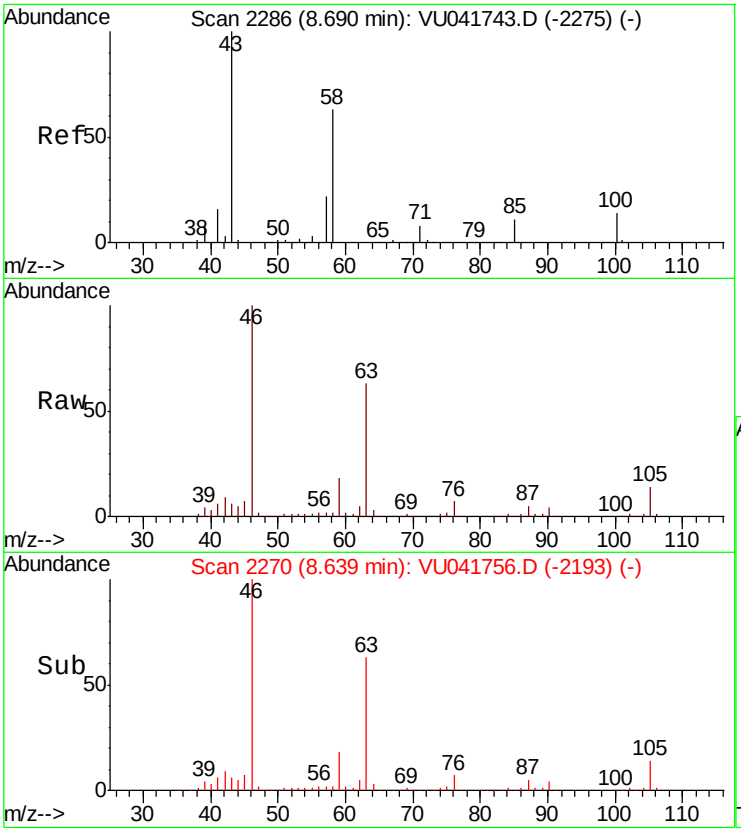


#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 75 Resp: 791

Ion	Ratio	Lower	Upper
75	100		
77	62.2	23.8	44.2#



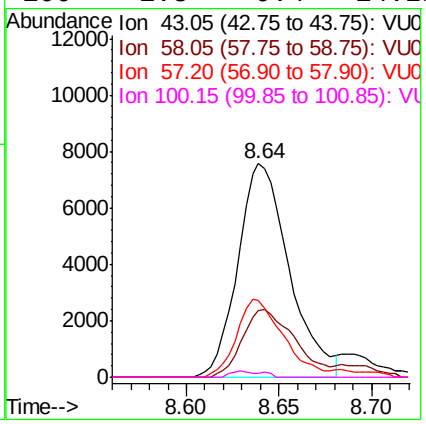


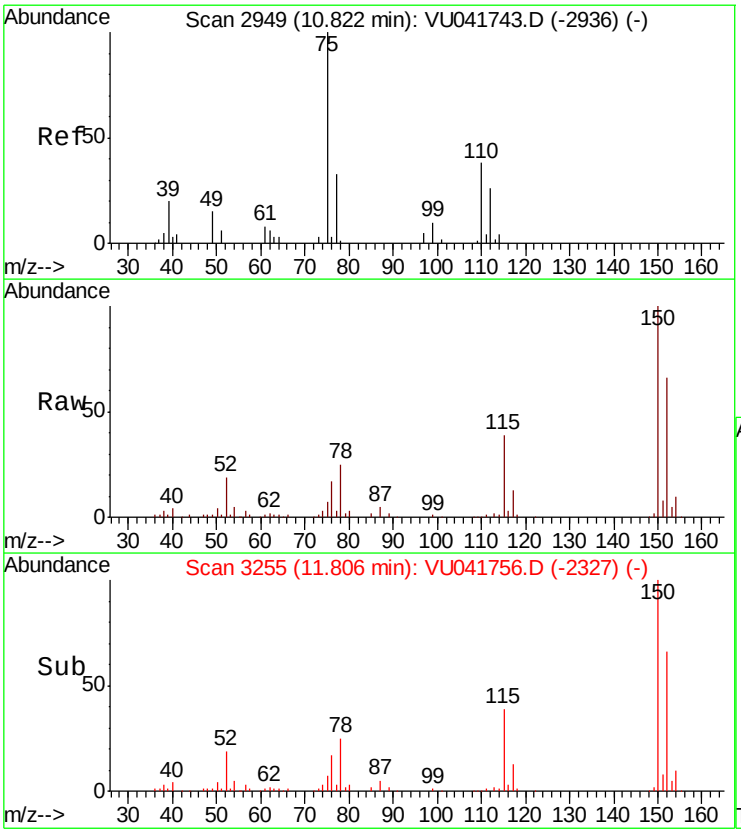
#48
2-Hexanone
Concen: 2.802 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Instrument : MSVOA_U
ClientSampleId : GB238

Tgt Ion: 43 Resp: 14548

Ion	Ratio	Lower	Upper
43	100		
58	32.4	47.9	71.9#
57	33.3	16.5	24.7#
100	1.8	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 0.803 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041756.D
Acq: 22 Dec 2020 21:13

Tgt Ion: 75 Resp: 6043

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2