Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040742.D
Acq On : 16 Oct 2020 12:28
Operator : SY/MD
Sample : L4419-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH1

Quant Time: Oct 16 23:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112918	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45882	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39878	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.92	69	36069	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.58	63	64645	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.67	46	156869	52.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.78%			
24) Chloroform-d	5.08	84	85935	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52096	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.74	84	153751	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.70	67	53899	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.91	98	119605	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18839	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.64	63	106296	46.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46964	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49079	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	480	0.051	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	1140	0.141	ug/L #	1
25) Chloroform	5.10	83	4540	0.255	ug/L	86
27) 1,2-Dichloroethane	5.75	62	444	0.035	ug/L #	77
31) Carbon tetrachloride	5.54	117	3317	0.248	ug/L	91
33) Benzene	5.74	78	1285	0.034	ug/L	100
34) Trichloroethene	6.55	95	5514	0.569	ug/L	87
35) Methylcyclohexane	6.70	83	12773	0.930	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5920	0.568	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1217	0.086	ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	960	0.073	ug/L #	68
47) Tetrachloroethene	8.56	164	4969	0.719	ug/L	84
48) 2-Hexanone	8.64	43	16142	2.611	ug/L #	74
49) Dibromochloromethane	8.56	129	4919	0.548	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6448	0.843	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040742.D
Acq On : 16 Oct 2020 12:28
Operator : SY/MD
Sample : L4419-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH1

Quant Time: Oct 16 23:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration

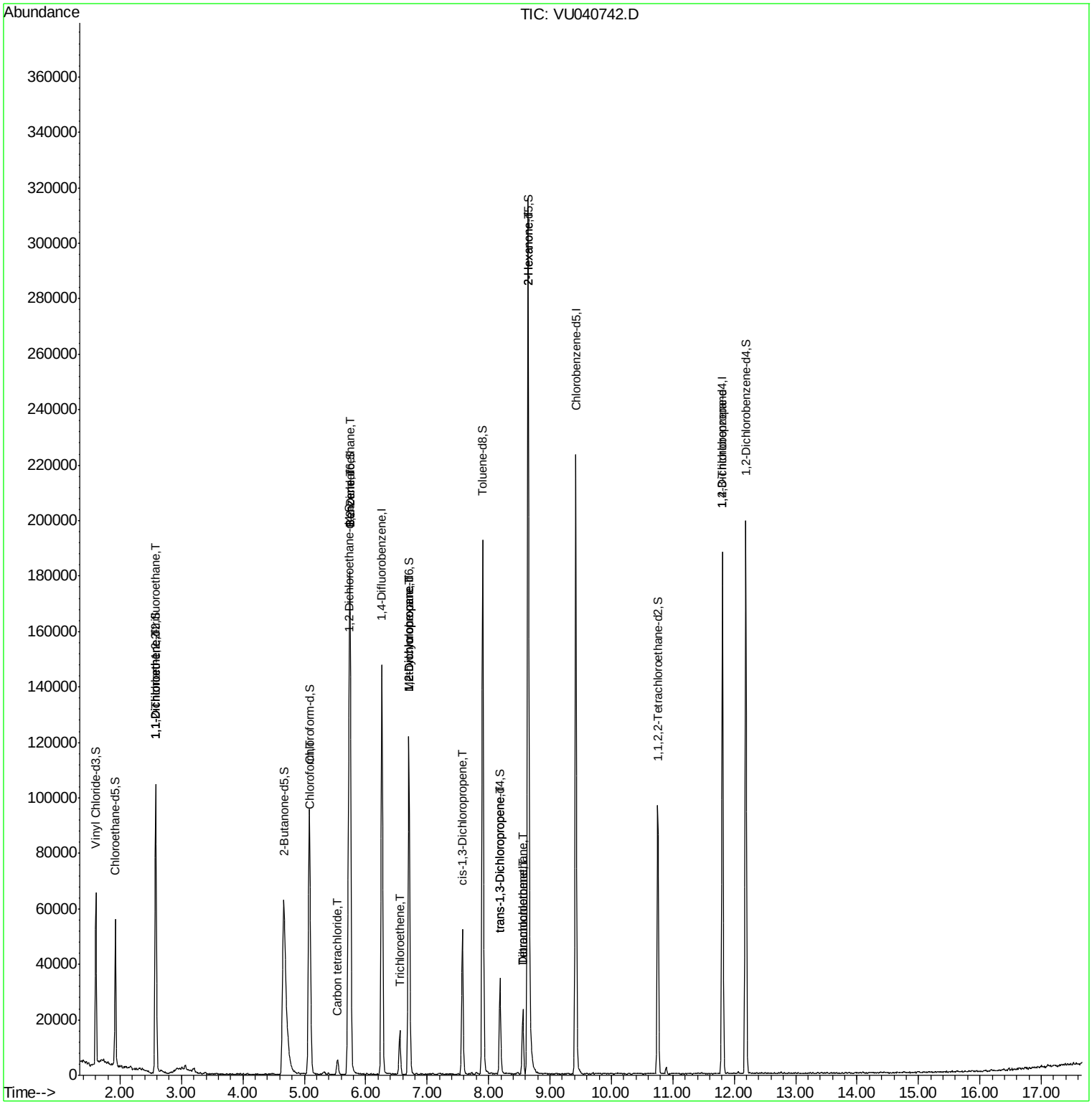
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

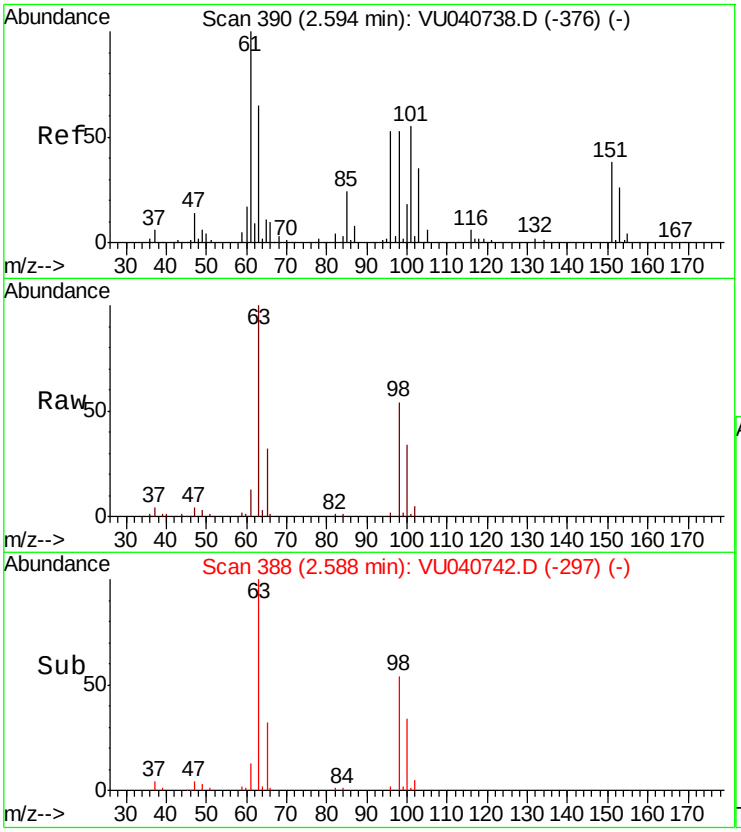
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\
Data File : VU040742.D
Acq On : 16 Oct 2020 12:28
Operator : SY/MD
Sample : L4419-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH1

Quant Time: Oct 16 23:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration



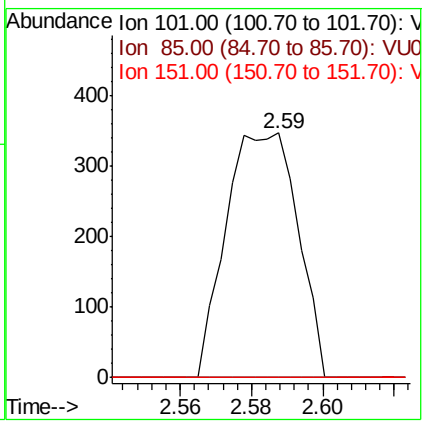


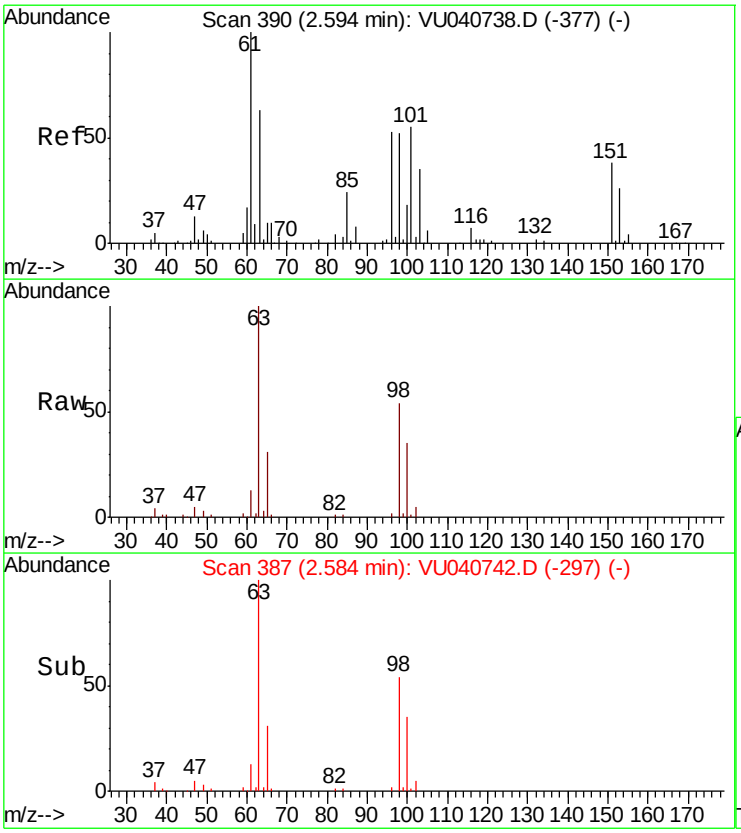
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument : MSVOA_U
ClientSampleId : C0AH1

Tgt Ion:101 Resp: 480

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

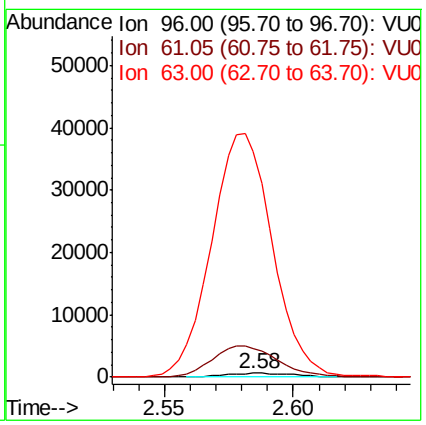


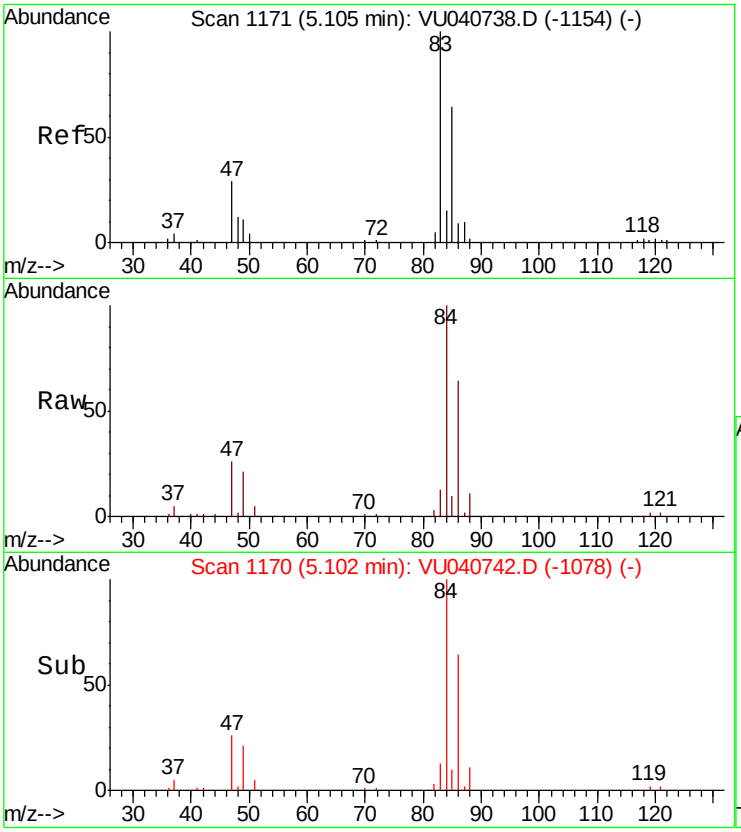


#12
1,1-Dichloroethene
Concen: 0.141 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion: 96 Resp: 1140

Ion	Ratio	Lower	Upper
96	100		
61	727.8	128.8	239.2#
63	5675.0	84.6	157.2#



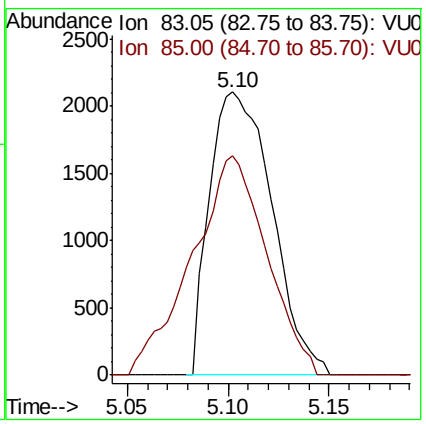


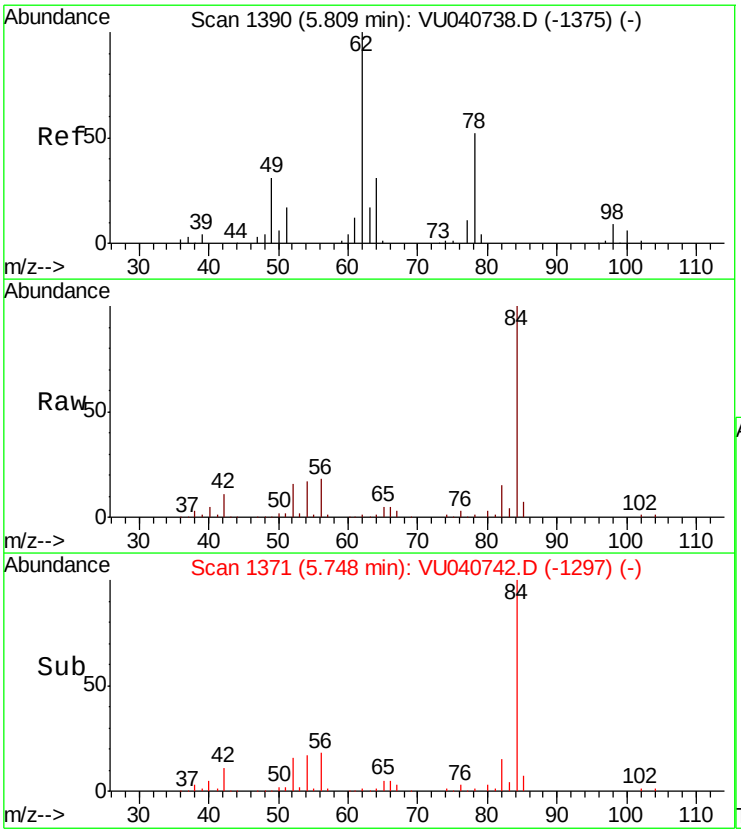
#25
Chloroform
Concen: 0.255 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument : MSVOA_U
ClientSampleId : C0AH1

Tgt Ion: 83 Resp: 4540

Ion	Ratio	Lower	Upper
83	100		
85	77.6	46.5	86.5

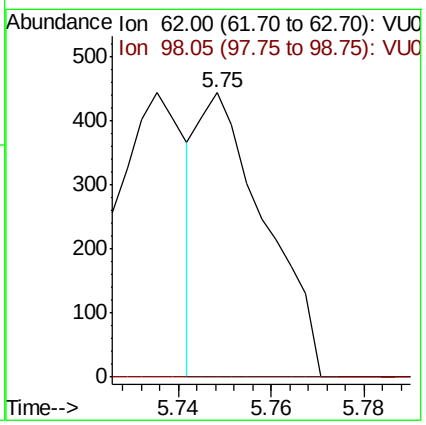


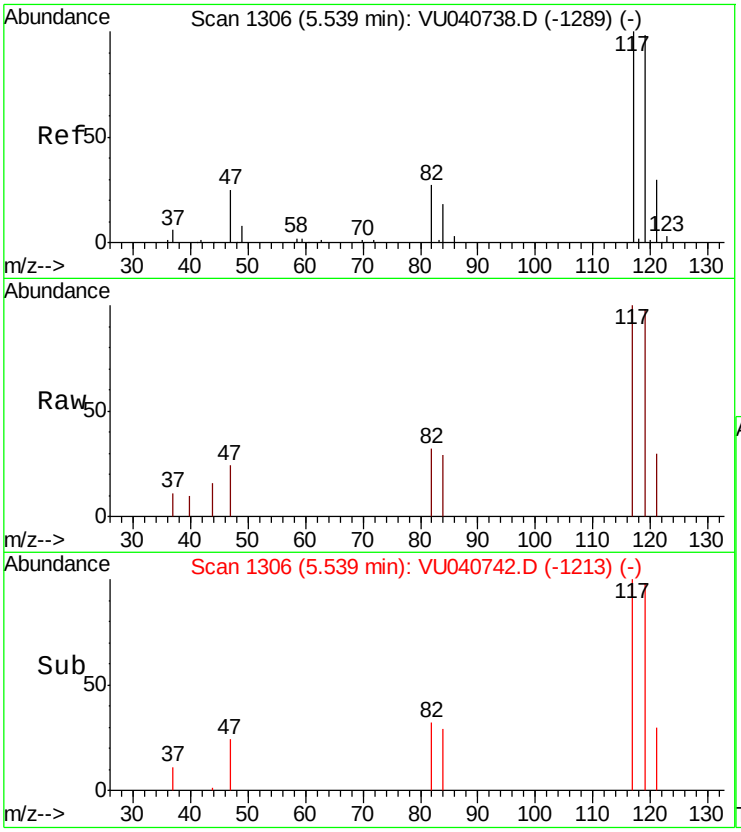


#27
1,2-Dichloroethane
Concen: 0.035 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion: 62 Resp: 444

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



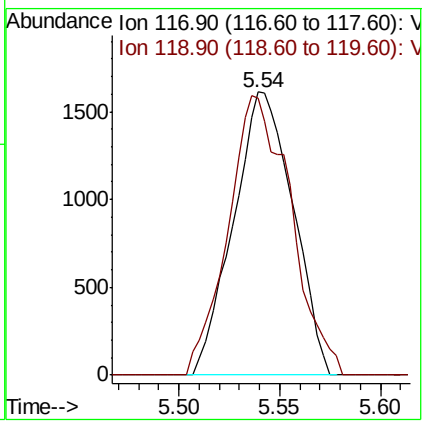


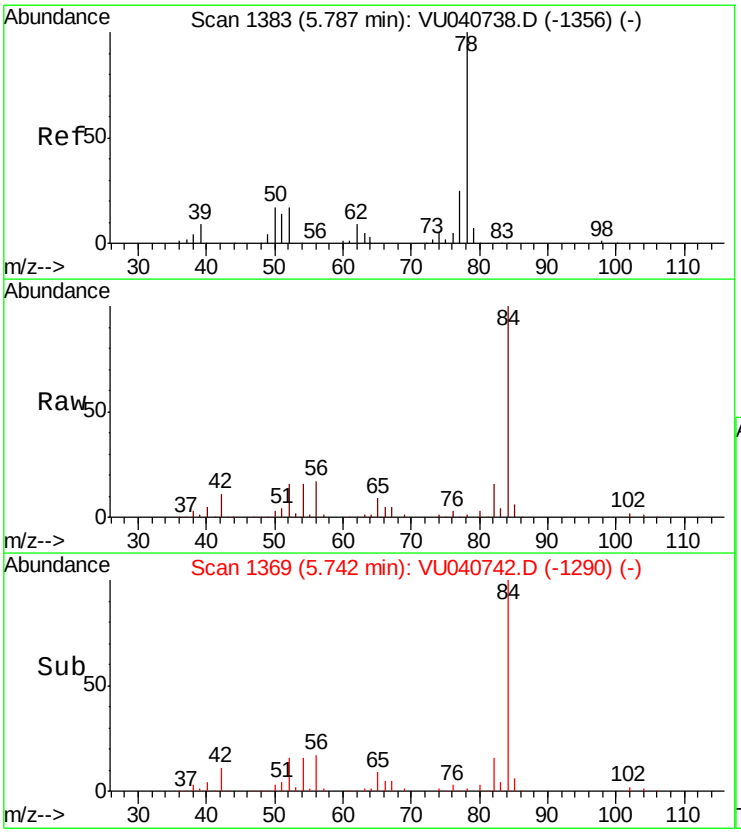
#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0AH1

Tgt Ion:117 Resp: 3317

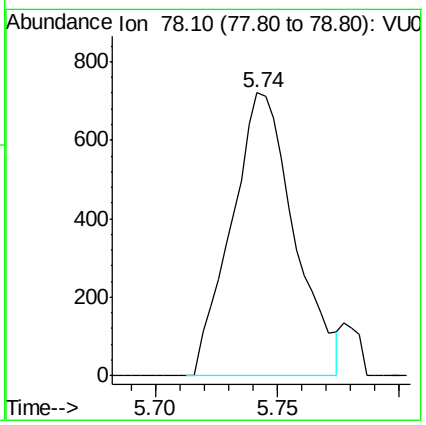
Ion	Ratio	Lower	Upper
117	100		
119	104.3	76.2	114.2

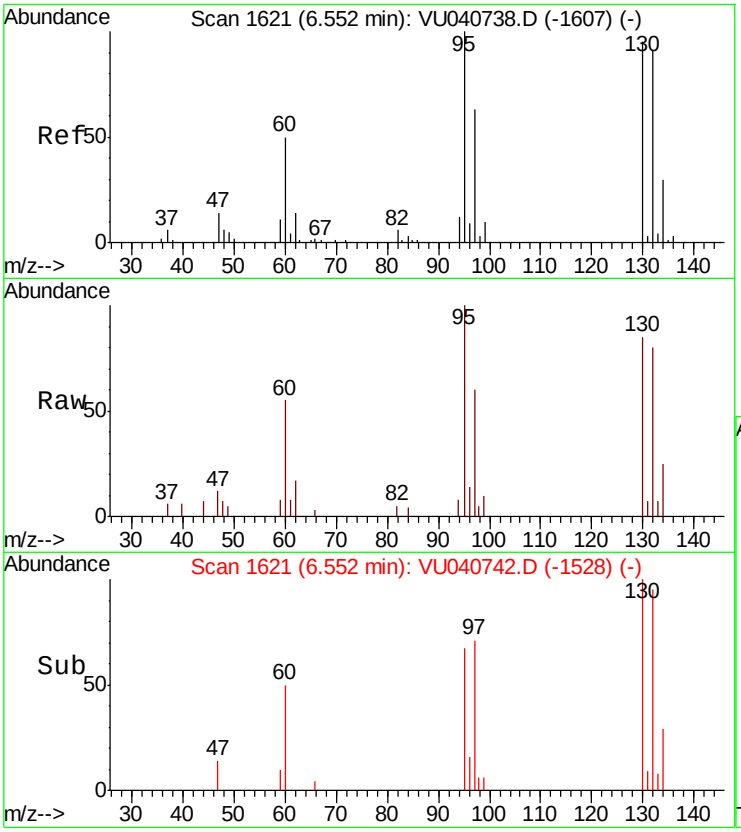




#33
Benzene
Concen: 0.034 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion: 78 Resp: 1285



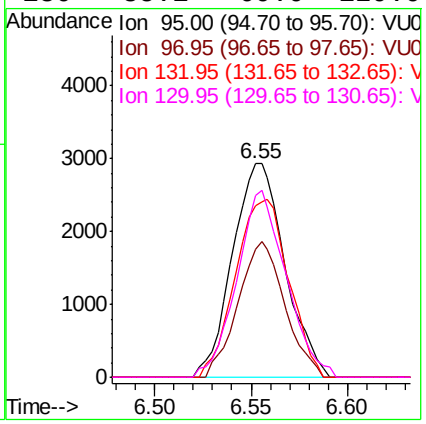


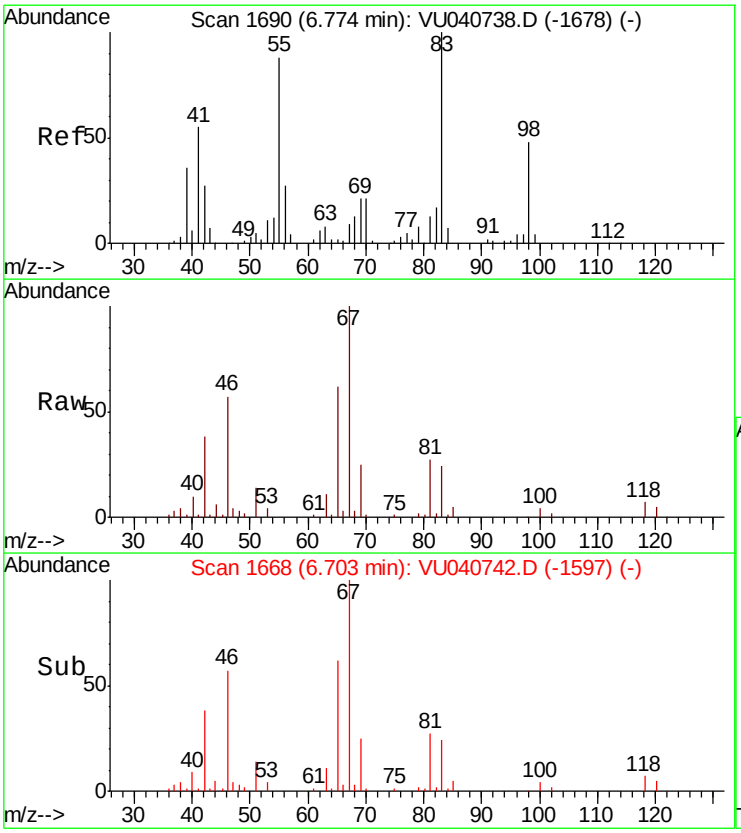
#34
Trichloroethene
Concen: 0.569 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0AH1

Tgt Ion: 95 Resp: 5514

Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.5	84.5
132	80.5	67.5	125.4
130	85.1	69.9	129.9

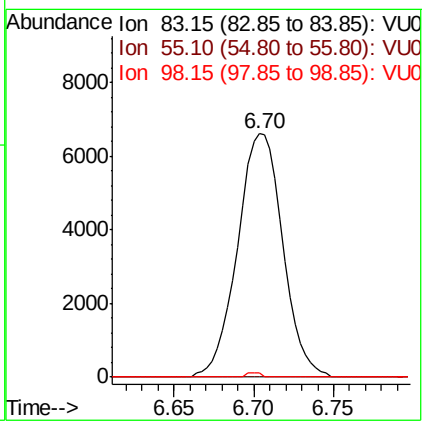


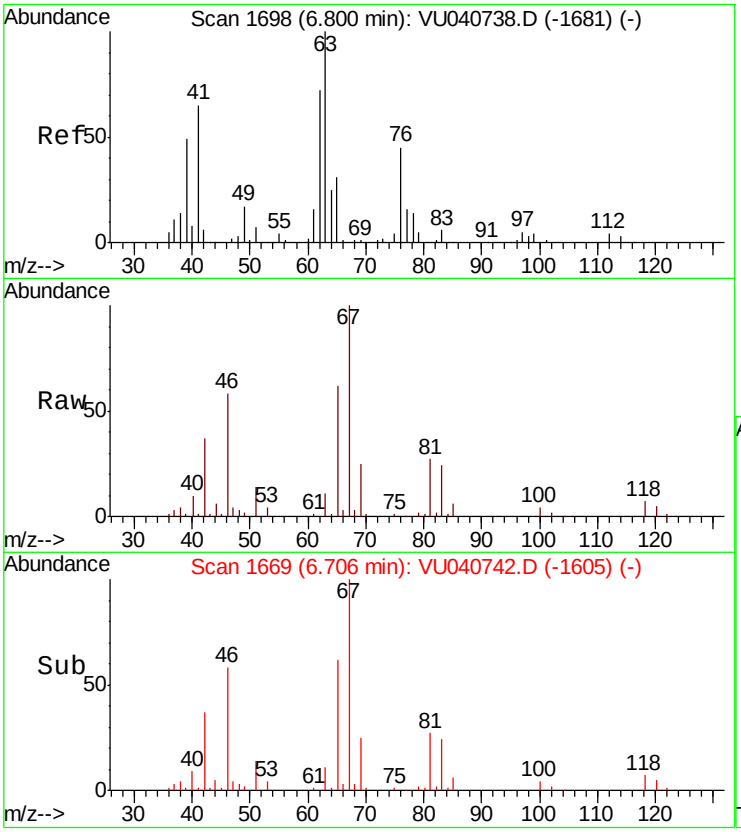


#35
Methylcyclohexane
Concen: 0.930 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion: 83 Resp: 12773

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.5	38.4	57.6#



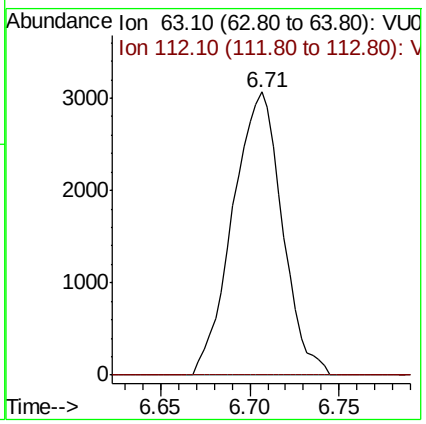


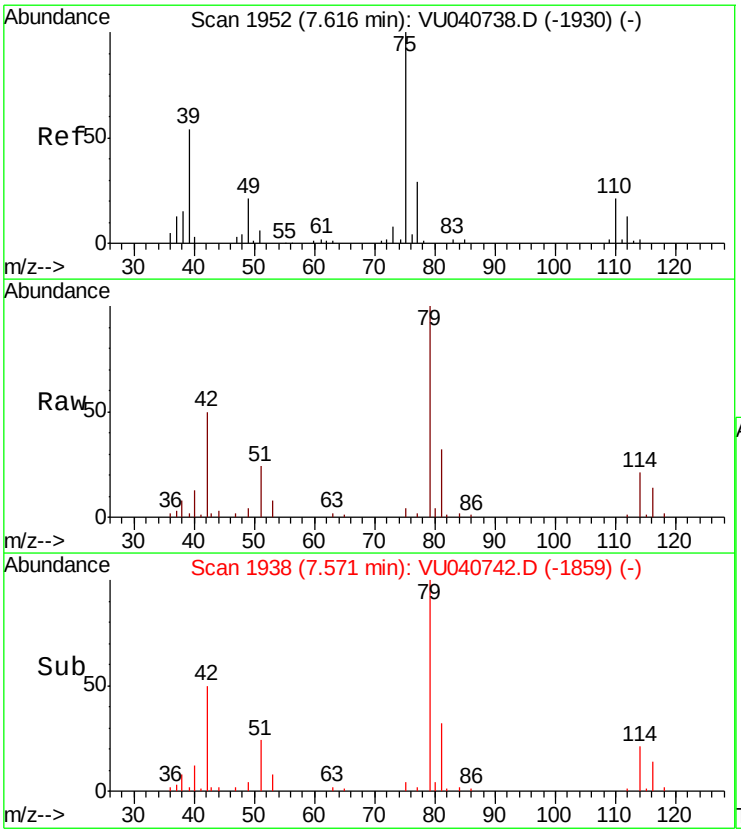
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0AH1

Tgt Ion: 63 Resp: 5920

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

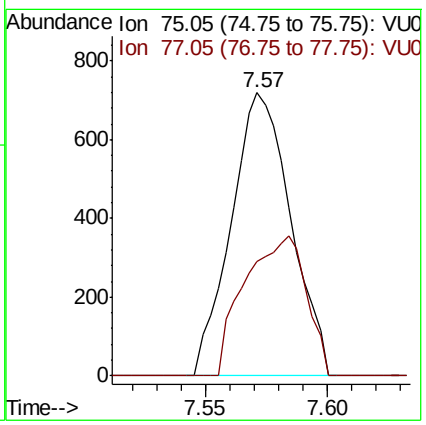


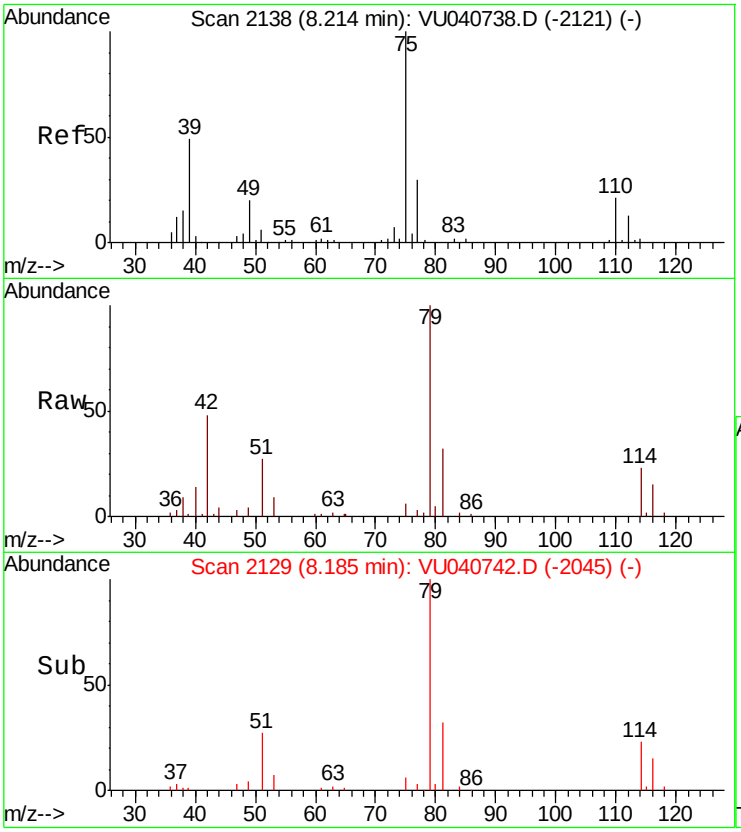


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion: 75 Resp: 1217

Ion	Ratio	Lower	Upper
75	100		
77	40.6	20.5	38.1#



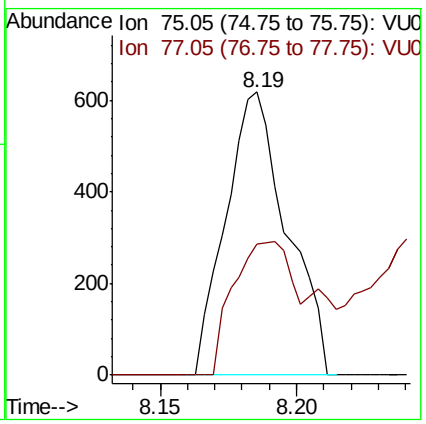


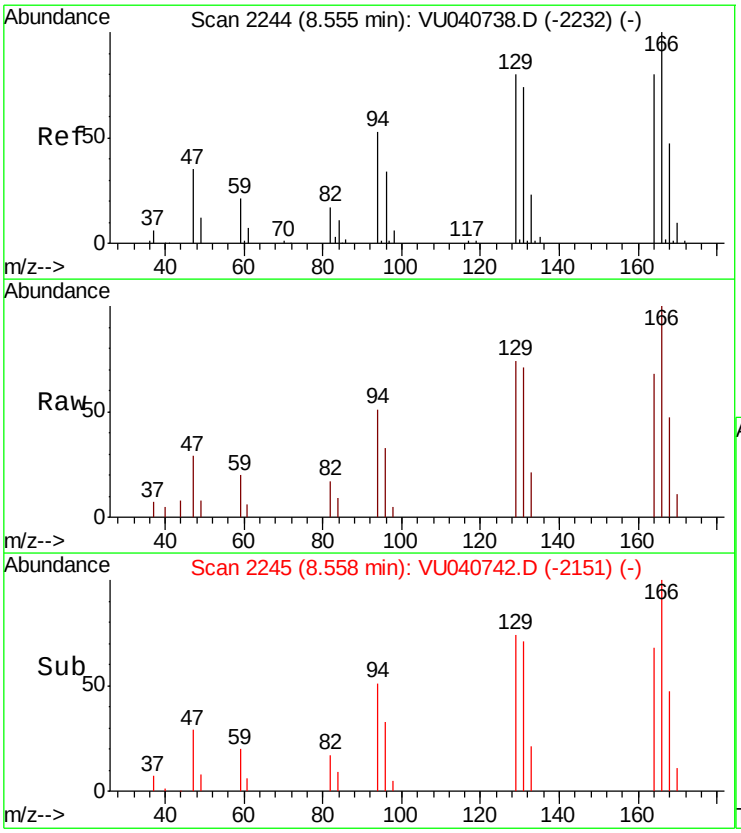
#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument : MSVOA_U
ClientSampleId : C0AH1

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
77	46.1	20.4	38.0#

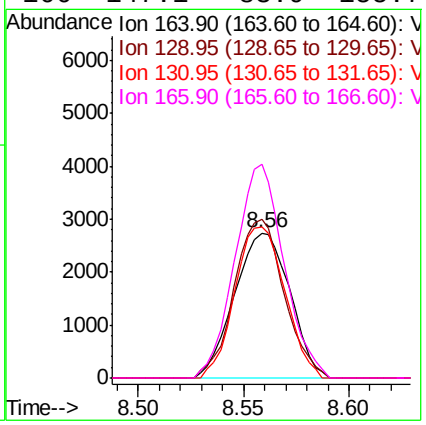


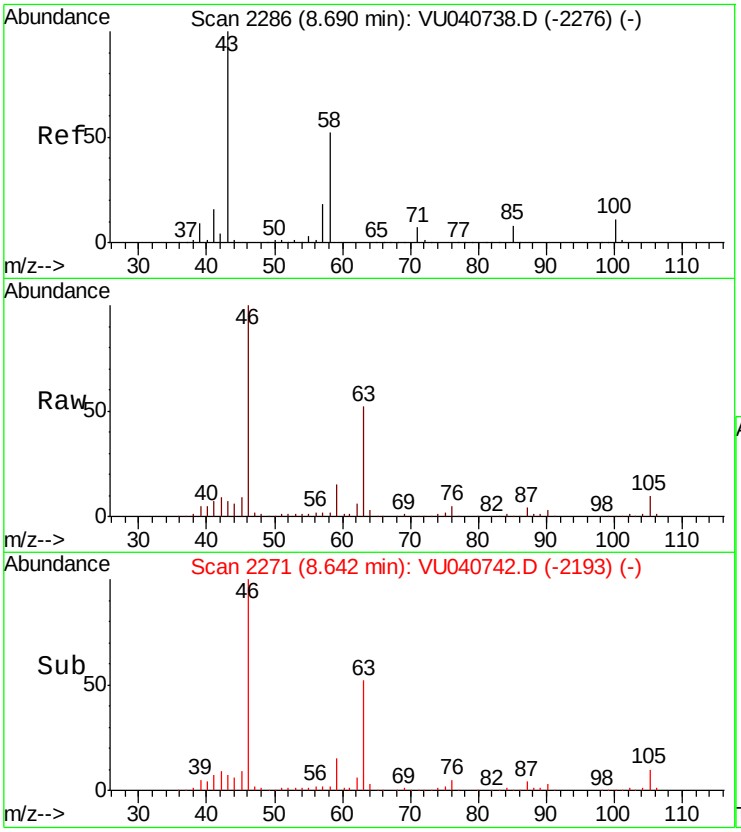


#47
Tetrachloroethene
Concen: 0.719 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion:164 Resp: 4969

Ion	Ratio	Lower	Upper
164	100		
129	109.2	68.8	127.8
131	104.5	66.7	123.9
166	147.1	83.9	155.7



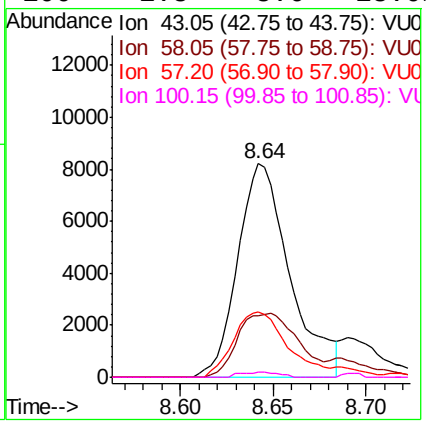


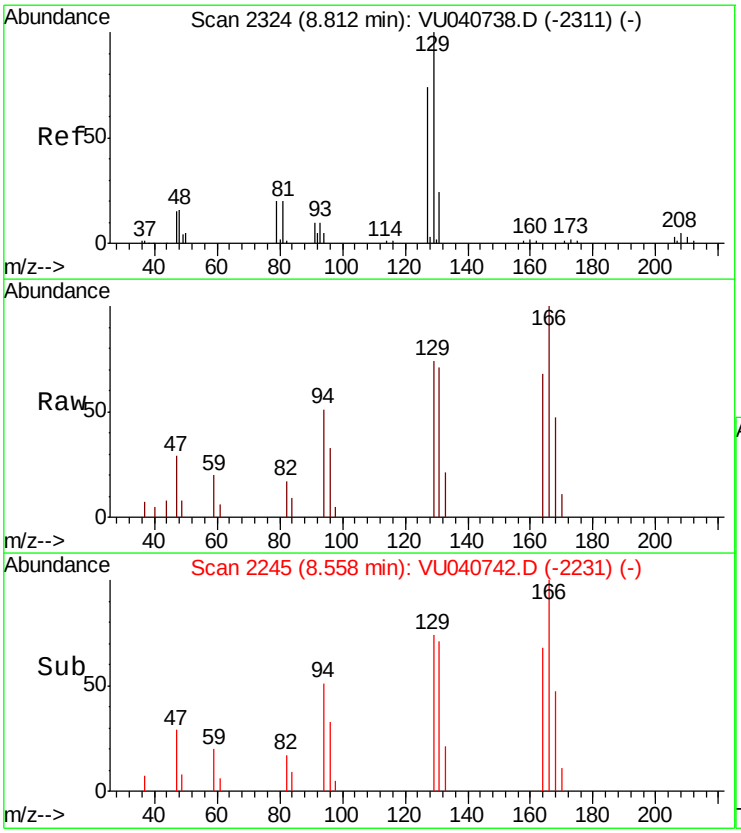
#48
2-Hexanone
Concen: 2.611 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument : MSVOA_U
ClientSampleId : C0AH1

Tgt Ion: 43 Resp: 16142

Ion	Ratio	Lower	Upper
43	100		
58	34.5	41.0	61.6#
57	31.7	14.4	21.6#
100	1.8	8.6	13.0#

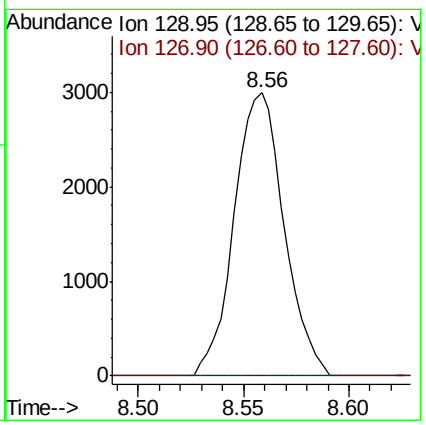


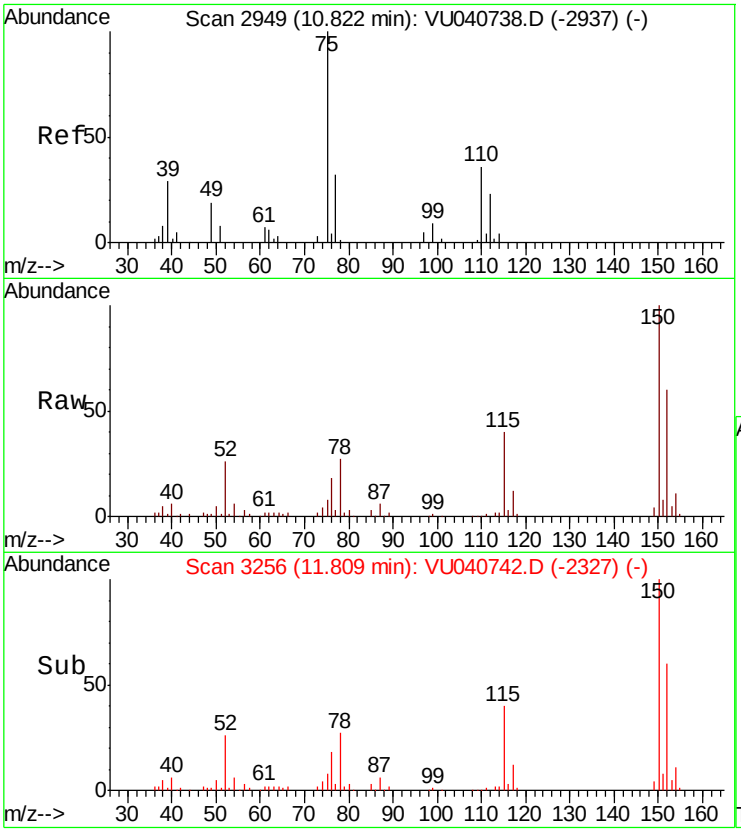


#49
Dibromochloromethane
Concen: 0.548 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Tgt Ion:129 Resp: 4919

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.843 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040742.D
Acq: 16 Oct 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :
C0AH1

Tgt Ion: 75 Resp: 6448

Ion	Ratio	Lower	Upper
75	100		
77	37.4	26.4	39.6