Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021720\

Quantitation Report (Not Reviewed)

Data File : VU036822.D
Acq On : 17 Feb 2020 20:18
Operator : JC/MD
Sample : L1539-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK4

Quant Time: Feb 18 00:51:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	110737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41427	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	36219	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.93	69	36280	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.59	63	54577	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.67	46	104509	52.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.66%			
24) Chloroform-d	5.11	84	70813	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.74	65	41045	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.76	84	150213	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.73	67	49462	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.92	98	132315	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.21	79	16811	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.66	63	86373	48.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.04%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38235	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	41417	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	1049	0.138	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	99484	13.318	ug/L	99
12) 1,1-Dichloroethene	2.60	96	7422	1.102	ug/L #	1
13) Acetone	2.66	43	4341	1.700	ug/L	94
15) Methyl Acetate	2.79	43	10440	3.081	ug/L #	52
19) 1,1-Dichloroethane	3.92	63	1173	0.080	ug/L #	90
22) cis-1,2-Dichloroethene	4.71	96	7135	0.848	ug/L	93
25) Chloroform	5.13	83	5922	0.380	ug/L	95
34) Trichloroethene	6.57	95	51325	6.221	ug/L	98
35) Methylcyclohexane	6.73	83	11238	0.858	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5726	0.647	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1172	0.092	ug/L #	73
47) Tetrachloroethene	8.58	164	5982	1.066	ug/L	93
49) Dibromochloromethane	8.58	129	6238	0.980	ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	5863	1.004	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021720\

Quantitation Report (Not Reviewed)

Data File : VU036822.D
Acq On : 17 Feb 2020 20:18
Operator : JC/MD
Sample : L1539-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK4

Quant Time: Feb 18 00:51:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

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

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

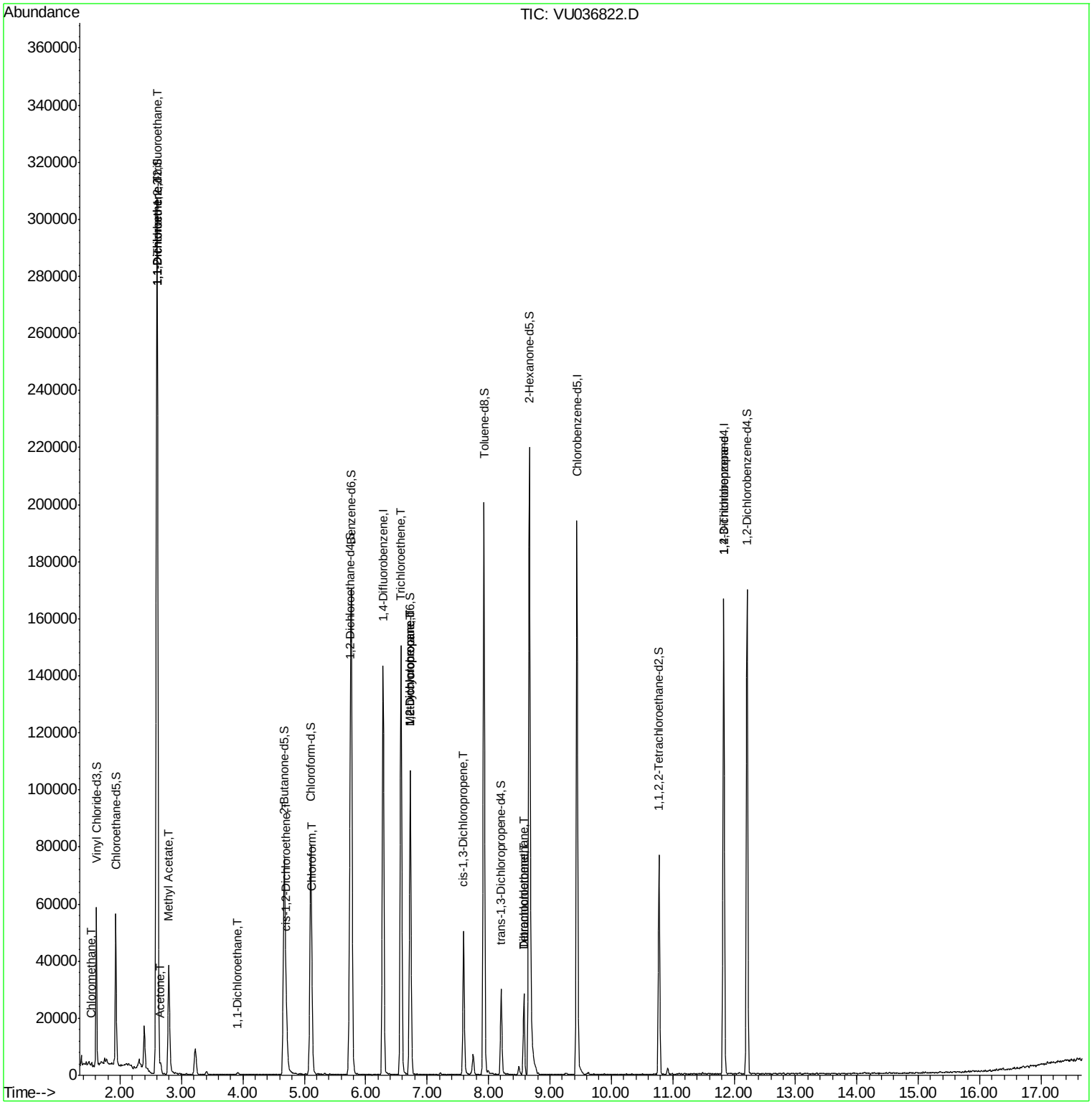
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021720\

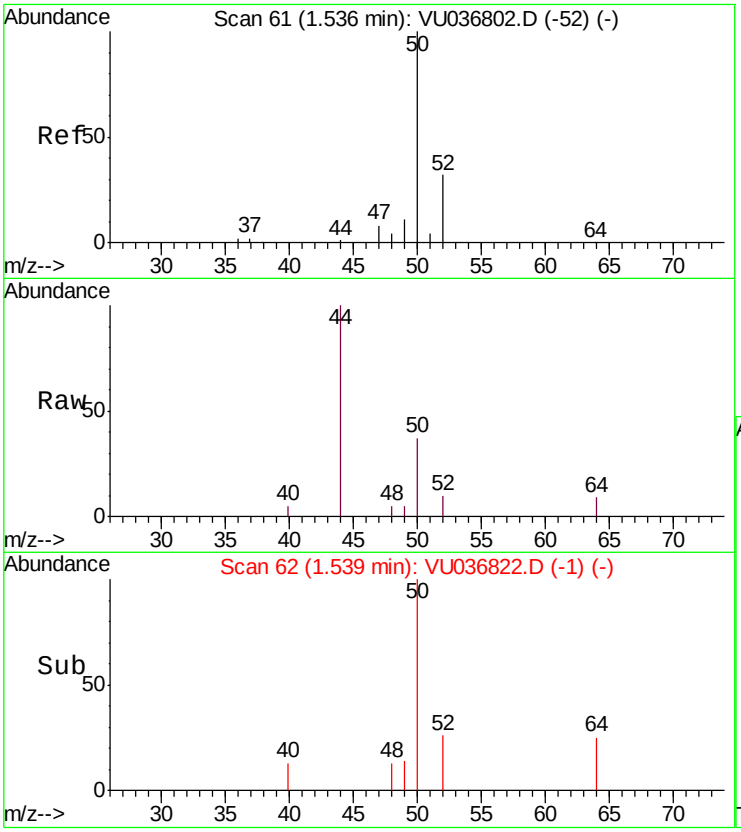
Quantitation Report (Not Reviewed)

Data File : VU036822.D
Acq On : 17 Feb 2020 20:18
Operator : JC/MD
Sample : L1539-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Quant Time: Feb 18 00:51:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration



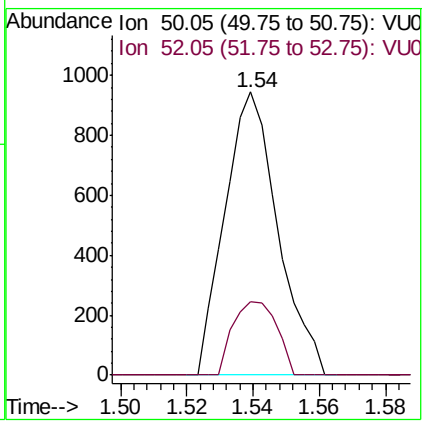


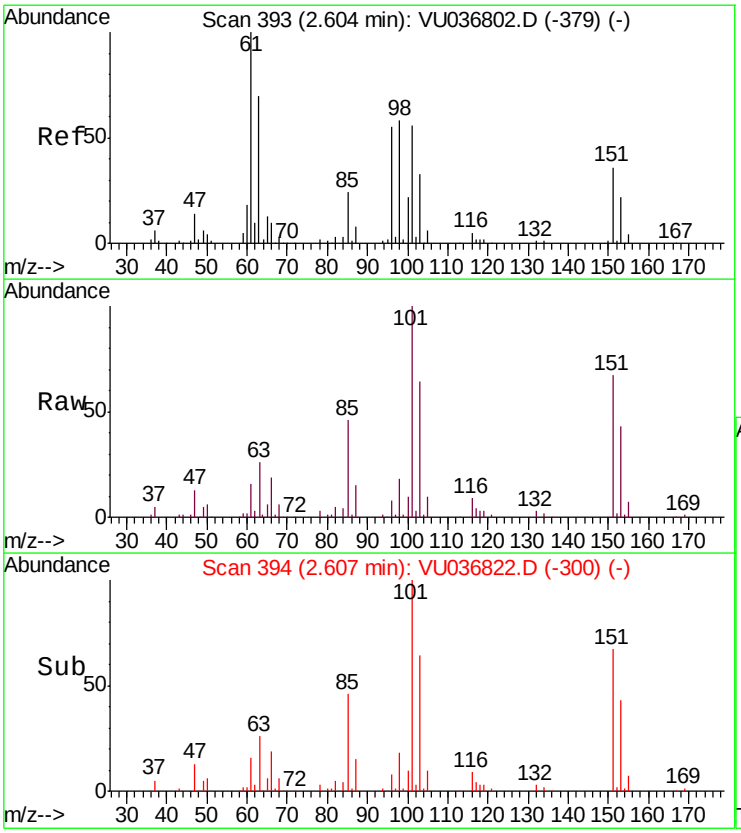
#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 50 Resp: 1049

Ion	Ratio	Lower	Upper
50	100		
52	26.1	23.8	44.2

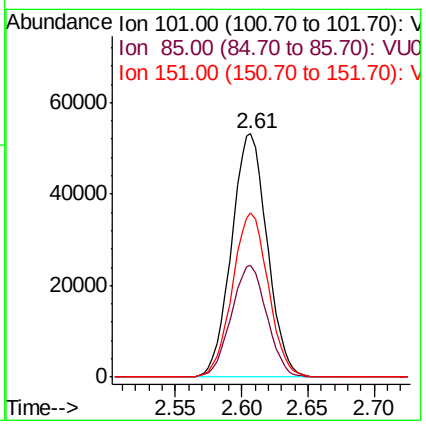


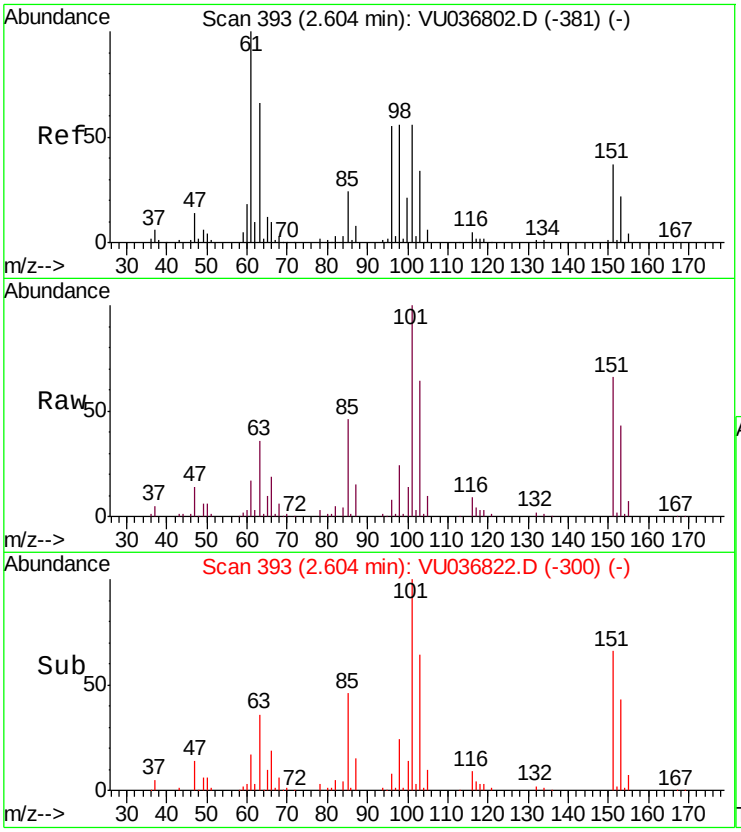


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 13.318 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion:101 Resp: 99484

Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.4	54.6
151	67.9	54.0	81.0



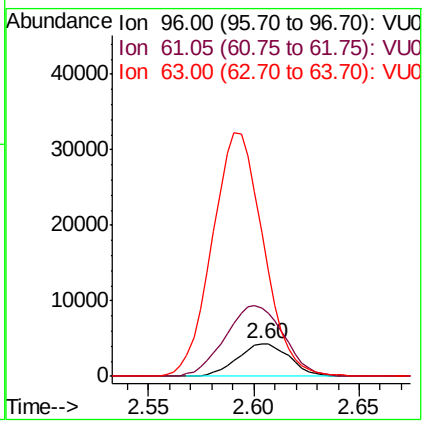


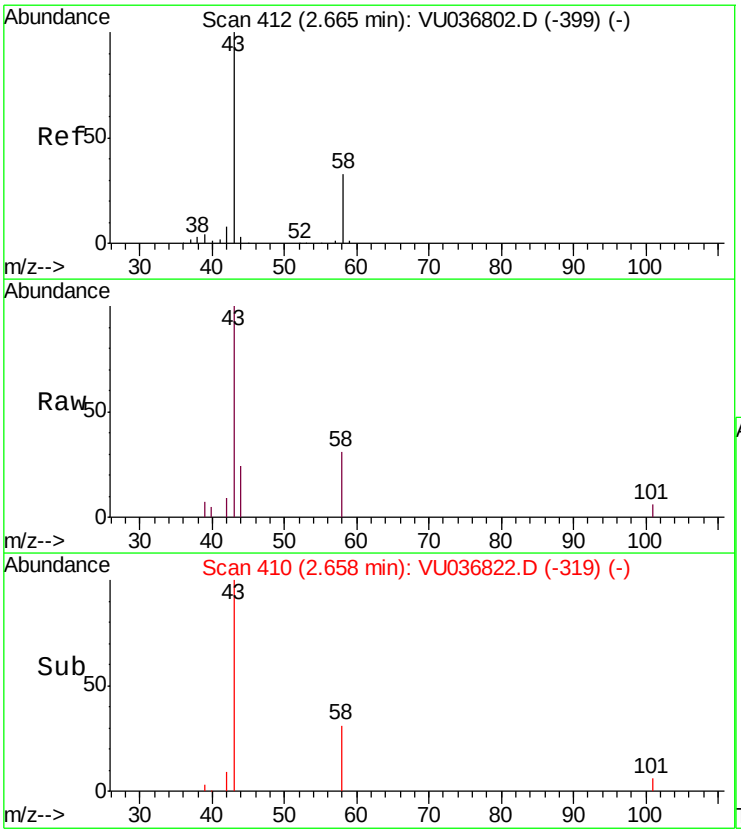
#12
1,1-Dichloroethene
Concen: 1.102 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument : MSVOA_U
ClientSampleId : C0AK4

Tgt Ion: 96 Resp: 7422

Ion	Ratio	Lower	Upper
96	100		
61	207.3	126.4	234.8
63	435.8	89.5	166.3#

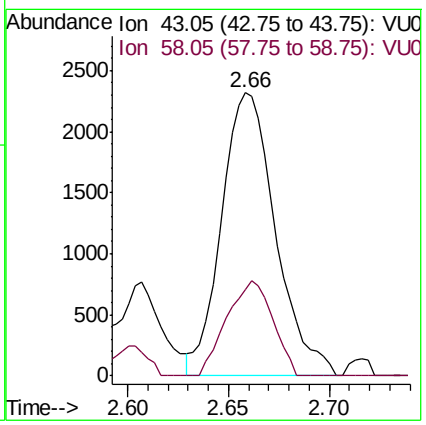


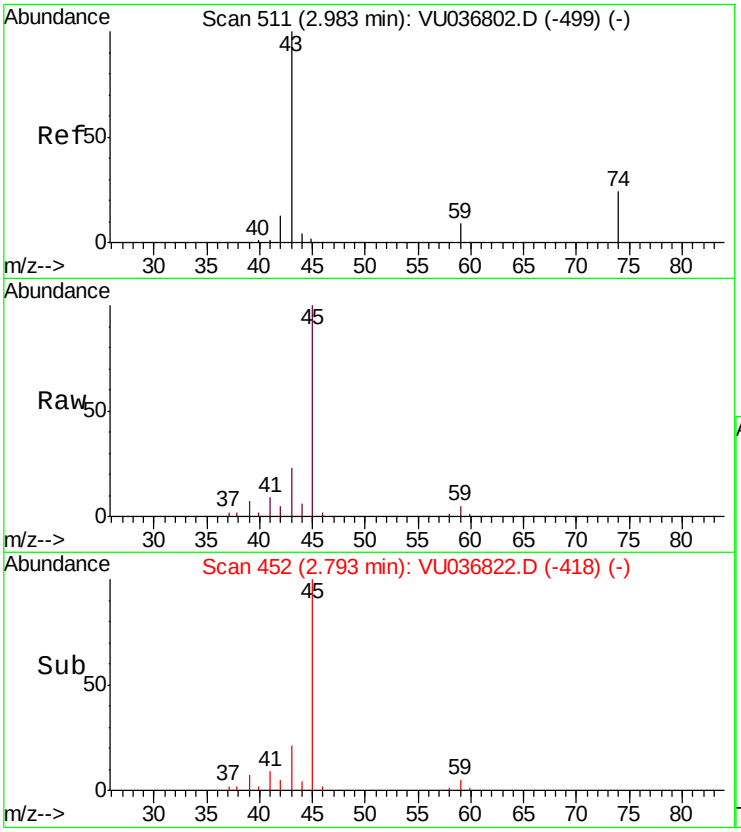


#13
Acetone
Concen: 1.700 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 43 Resp: 4341

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	64.2



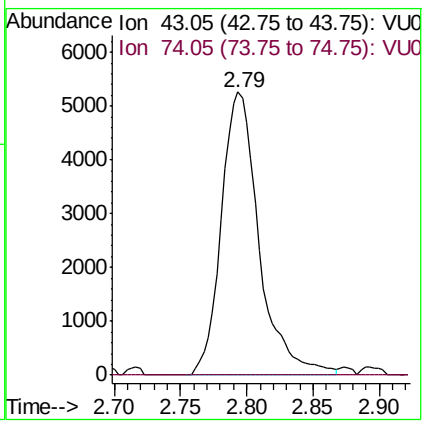


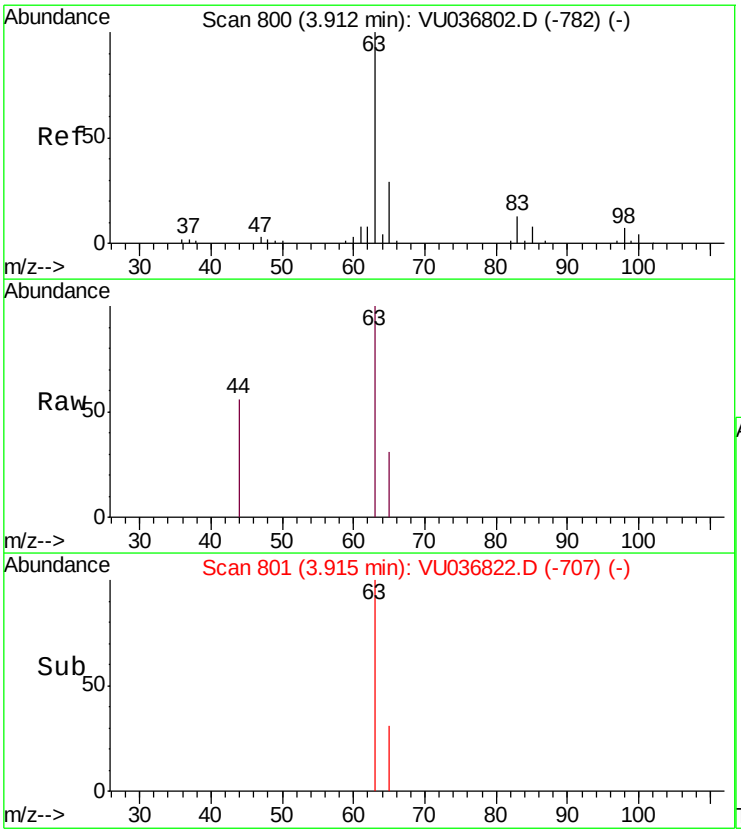
#15
Methyl Acetate
Concen: 3.081 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.19 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 43 Resp: 10440

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#

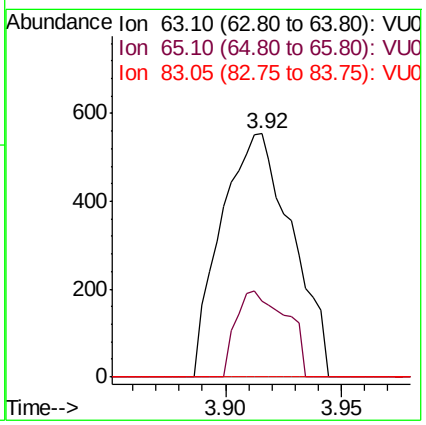


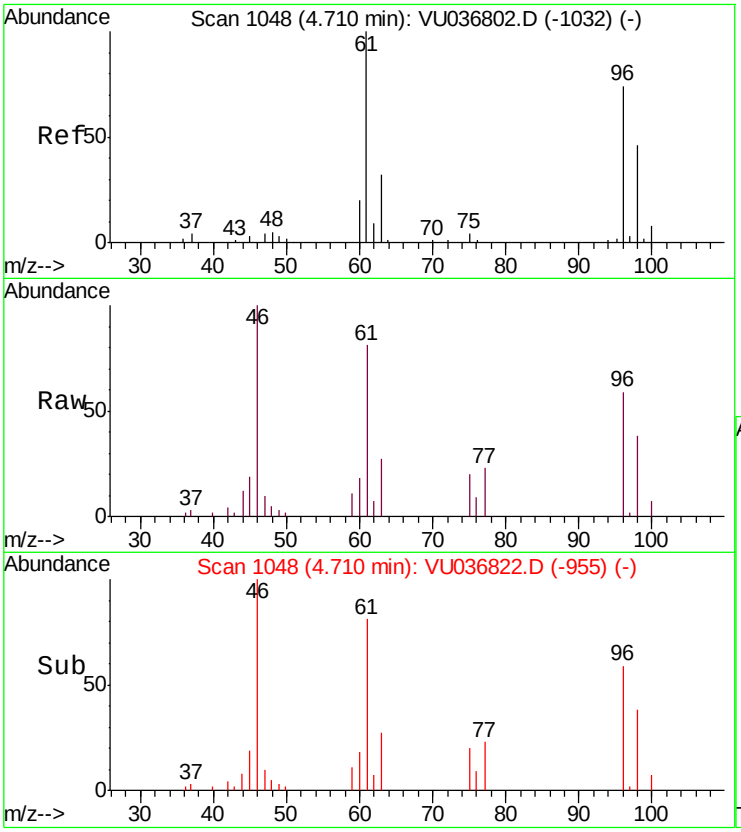


#19
1,1-Dichloroethane
Concen: 0.080 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 63 Resp: 1173

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.6	40.2
83	0.0	8.8	16.3#



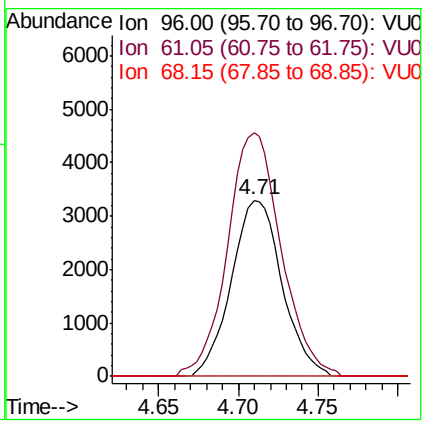


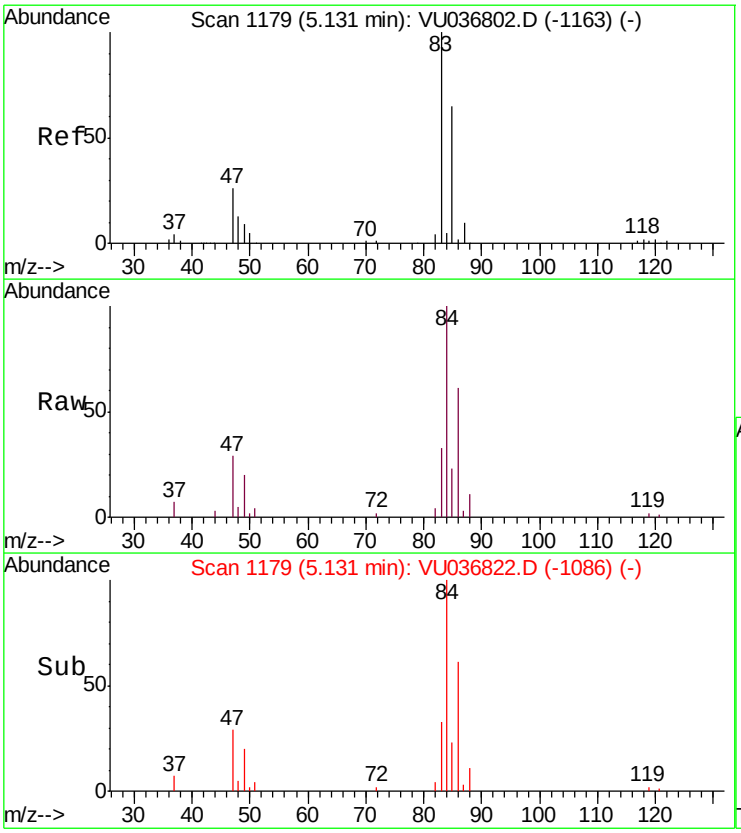
#22
cis-1,2-Dichloroethene
Concen: 0.848 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument : MSVOA_U
ClientSampleId : C0AK4

Tgt Ion: 96 Resp: 7135

Ion	Ratio	Lower	Upper
96	100		
61	138.3	91.2	169.4
68	0.0	0.0	0.0

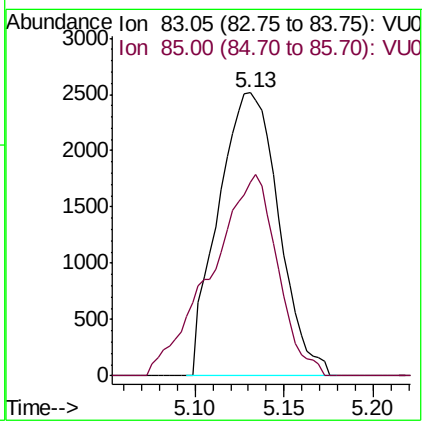


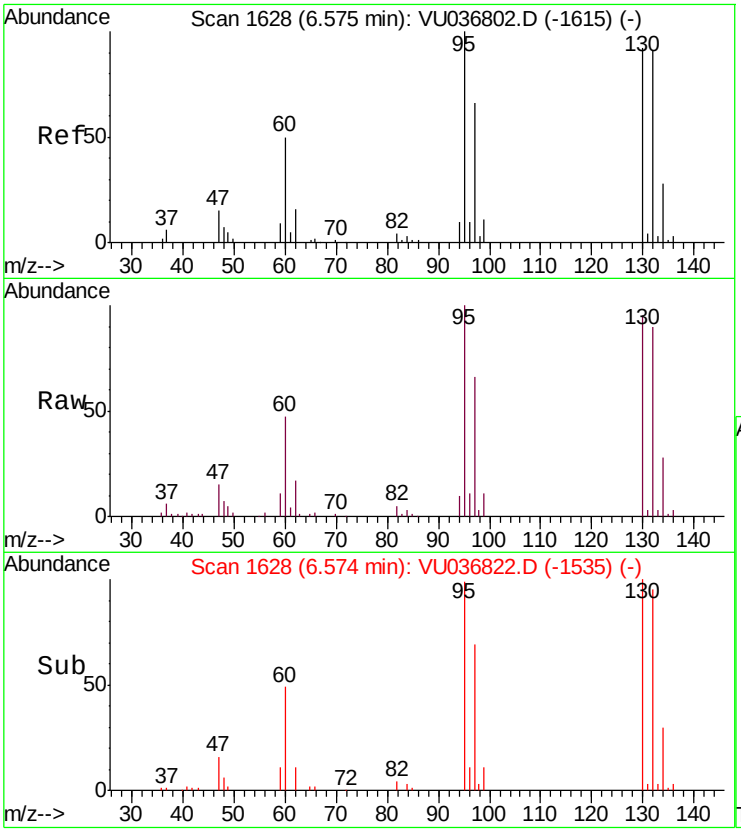


#25
Chloroform
Concen: 0.380 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 83 Resp: 5922

Ion	Ratio	Lower	Upper
83	100		
85	68.7	45.4	84.2



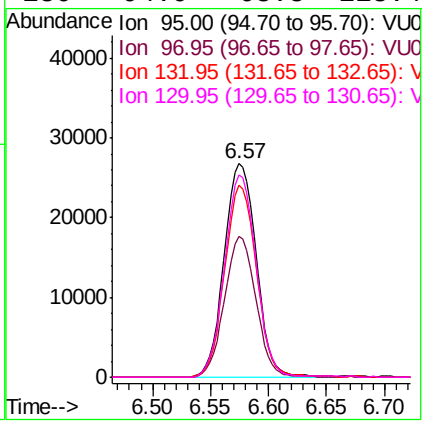


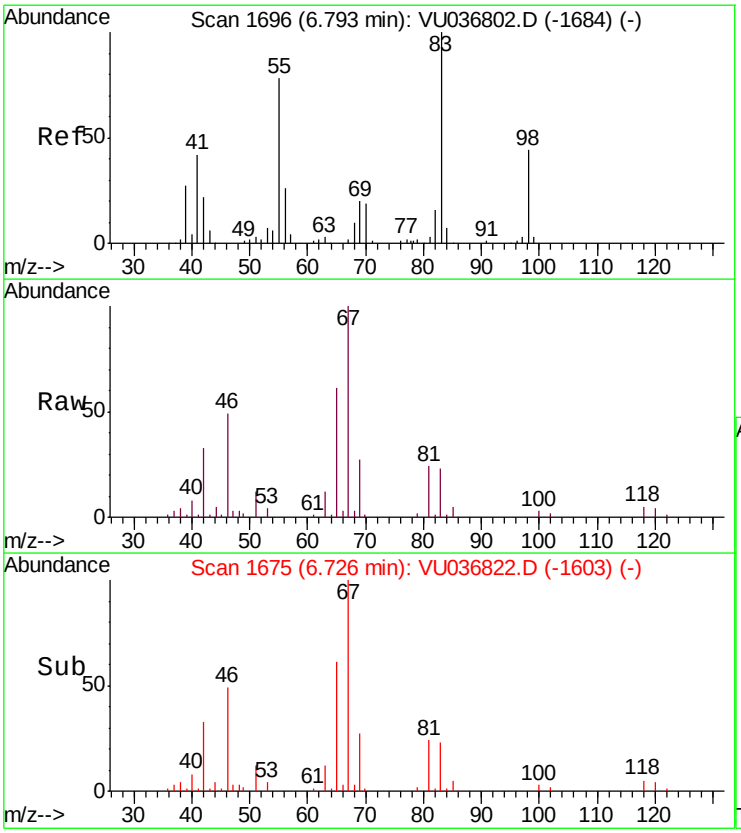
#34
Trichloroethene
Concen: 6.221 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 95 Resp: 51325

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.6	84.8
132	89.7	62.8	116.6
130	94.9	63.8	118.4

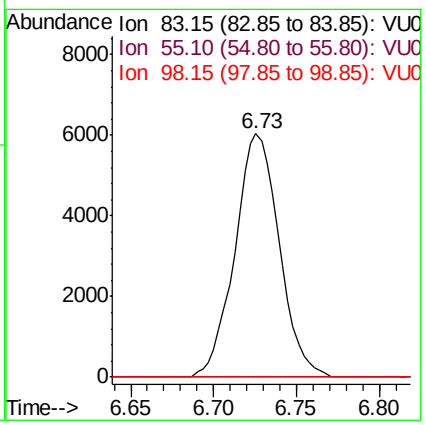


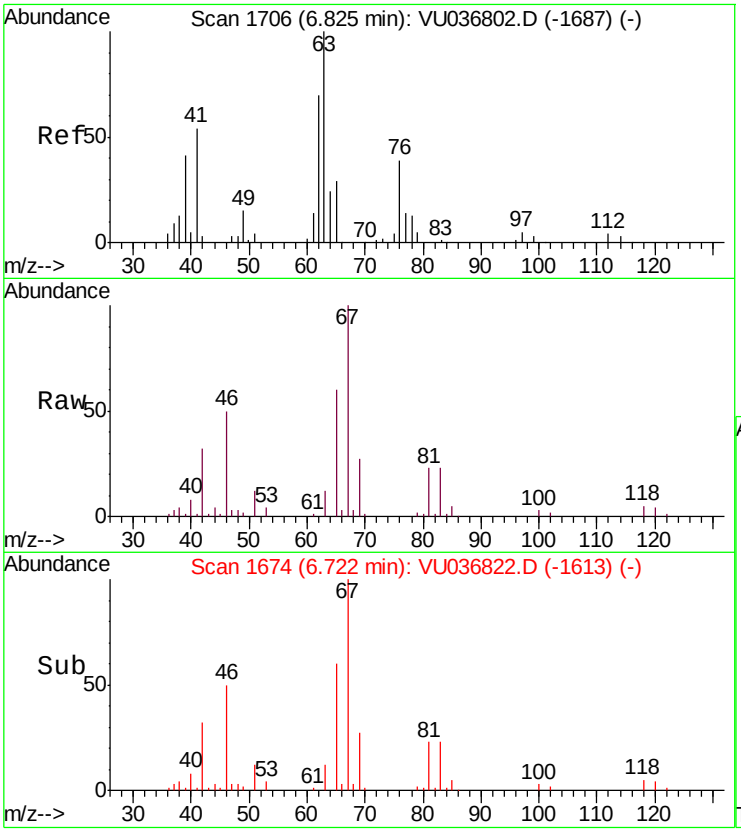


#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 83 Resp: 11238

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.0	34.2	51.4#



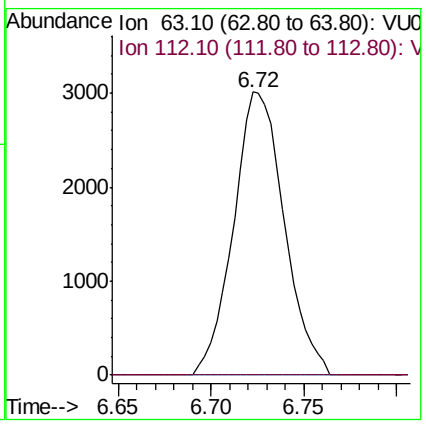


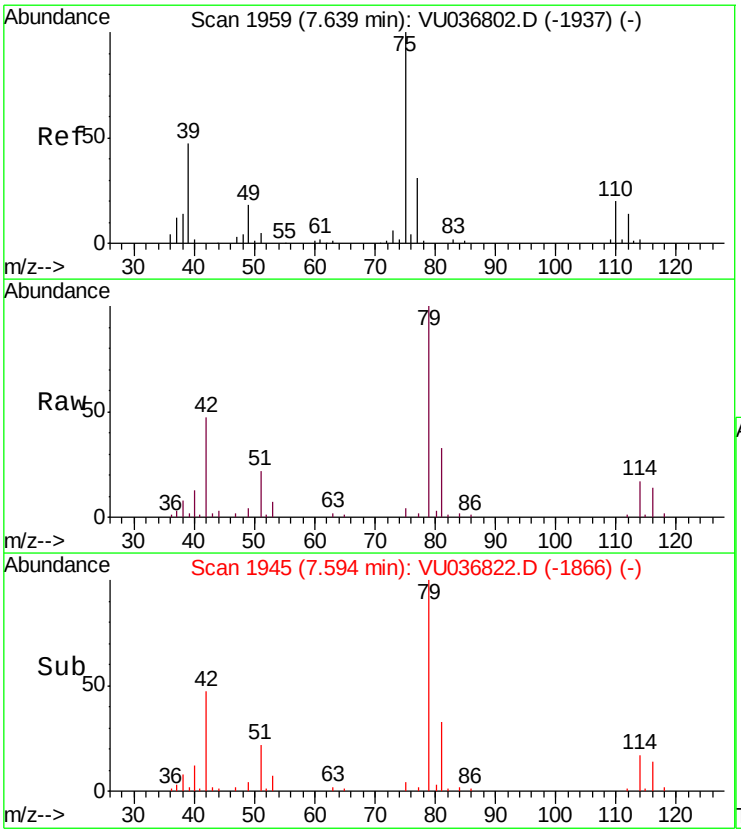
#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument : MSVOA_U
ClientSampleId : C0AK4

Tgt Ion: 63 Resp: 5726

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

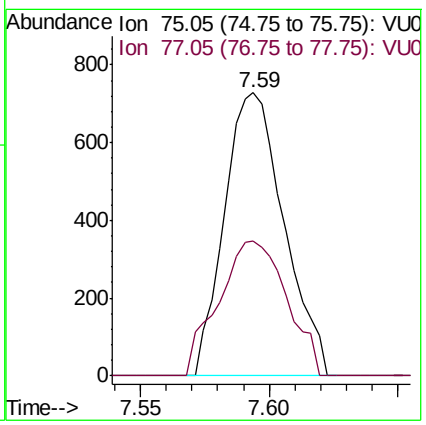


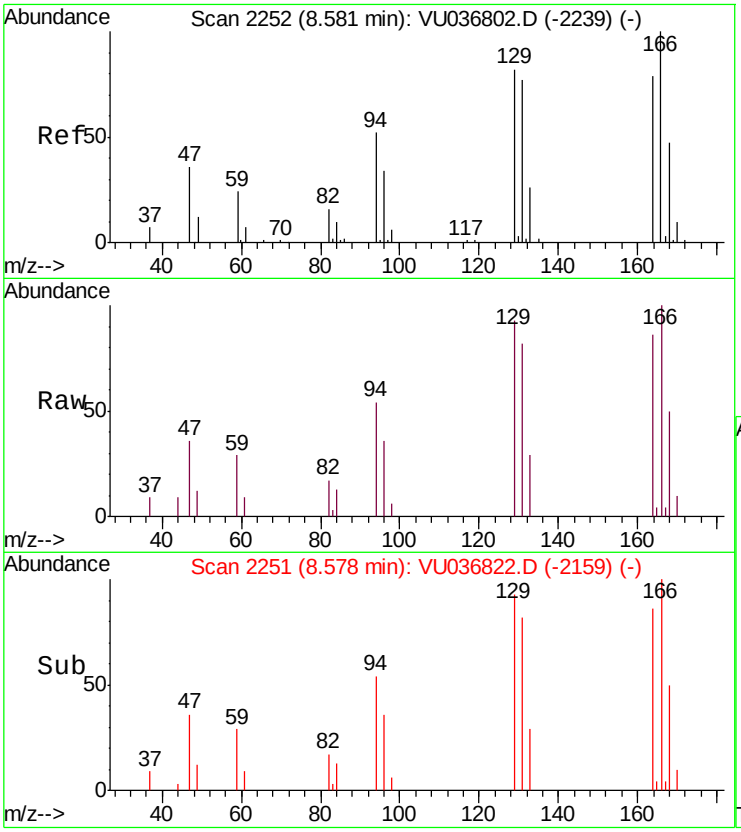


#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.05 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 75 Resp: 1172

Ion	Ratio	Lower	Upper
75	100		
77	47.5	22.5	41.9#



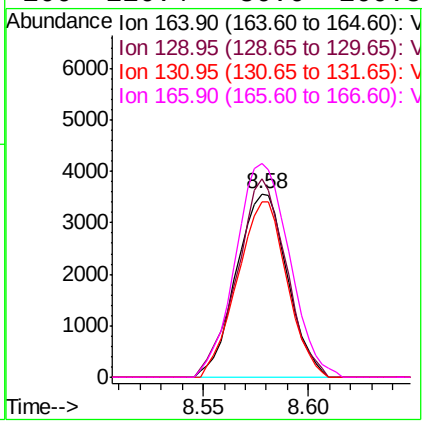


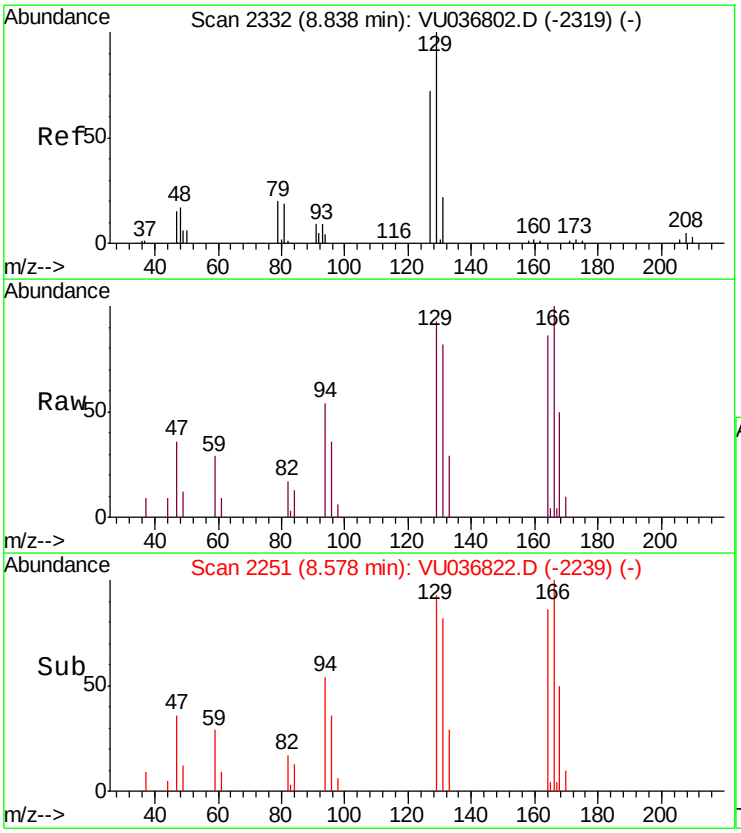
#47
Tetrachloroethene
Concen: 1.066 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion:164 Resp: 5982

Ion	Ratio	Lower	Upper
164	100		
129	108.4	68.0	126.4
131	95.7	69.4	128.8
166	116.4	86.6	160.8

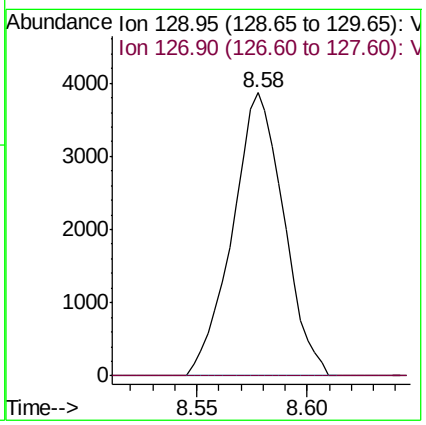


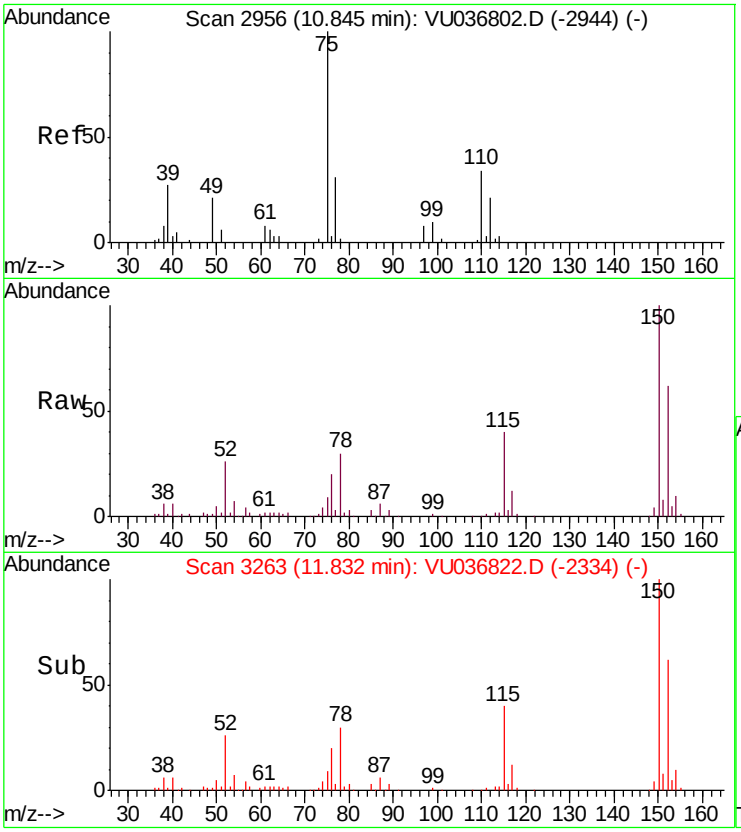


#49
Dibromochloromethane
Concen: 0.980 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion:129 Resp: 6238

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.7	105.3#





#59
1,2,3-Trichloropropane
Concen: 1.004 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 75 Resp: 5863

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4