Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040824.D
Acq On : 19 Oct 2020 23:28
Operator : SY/MD
Sample : L4420-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AJ9

Quant Time: Oct 20 05:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47864	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26791	2.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.80%			
7) Chloroethane-d5	1.92	69	29224	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.80%			
11) 1,1-Dichloroethene-d2	2.58	63	45801	2.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 50.60%#			
20) 2-Butanone-d5	4.66	46	168387	56.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.66%			
24) Chloroform-d	5.08	84	79107	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.72	65	50208	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.74	84	130790	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.70	67	49622	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.91	98	97139	3.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.00%#			
43) trans-1,3-Dichloropropene-	8.19	79	18227	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.64	63	110904	48.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47693	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45742	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1275	0.135	ug/L #	69
8) Chloroethane	1.94	64	248	0.039	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	452	0.049	ug/L #	20
12) 1,1-Dichloroethene	2.59	96	1817	0.228	ug/L #	1
13) Acetone	2.67	43	2235	0.973	ug/L	65
15) Methyl Acetate	2.96	43	803	0.153	ug/L #	56
22) cis-1,2-Dichloroethene	4.69	96	2927	0.325	ug/L	95
25) Chloroform	5.10	83	3644	0.207	ug/L	82
31) Carbon tetrachloride	5.54	117	3391	0.253	ug/L	98
33) Benzene	5.75	78	1149	0.031	ug/L	100
34) Trichloroethene	6.55	95	11743	1.209	ug/L	94
35) Methylcyclohexane	6.70	83	11957	0.868	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5309	0.508	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1199	0.084	ug/L #	49
44) trans-1,3-Dichloropropene	8.19	75	854	0.065	ug/L #	69
47) Tetrachloroethene	8.56	164	6930	1.000	ug/L	97
48) 2-Hexanone	8.64	43	16868	2.722	ug/L #	73

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040824.D
Acq On : 19 Oct 2020 23:28
Operator : SY/MD
Sample : L4420-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AJ9

Quant Time: Oct 20 05:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.56	129	6602	0.734	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6572	0.857	ug/L	98

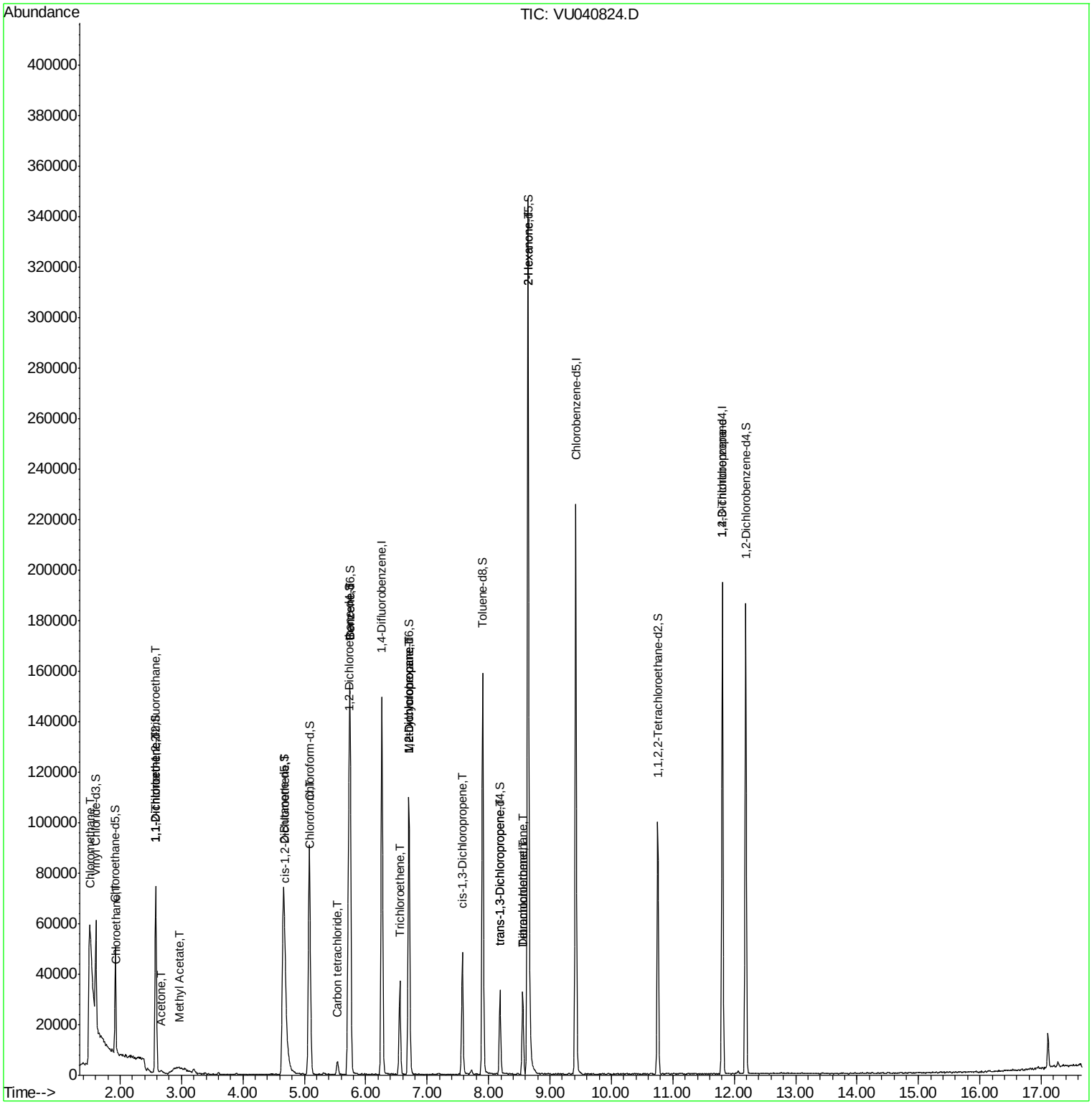
(#) = qualifier out of range (m) = manual integration (+) = signals summed

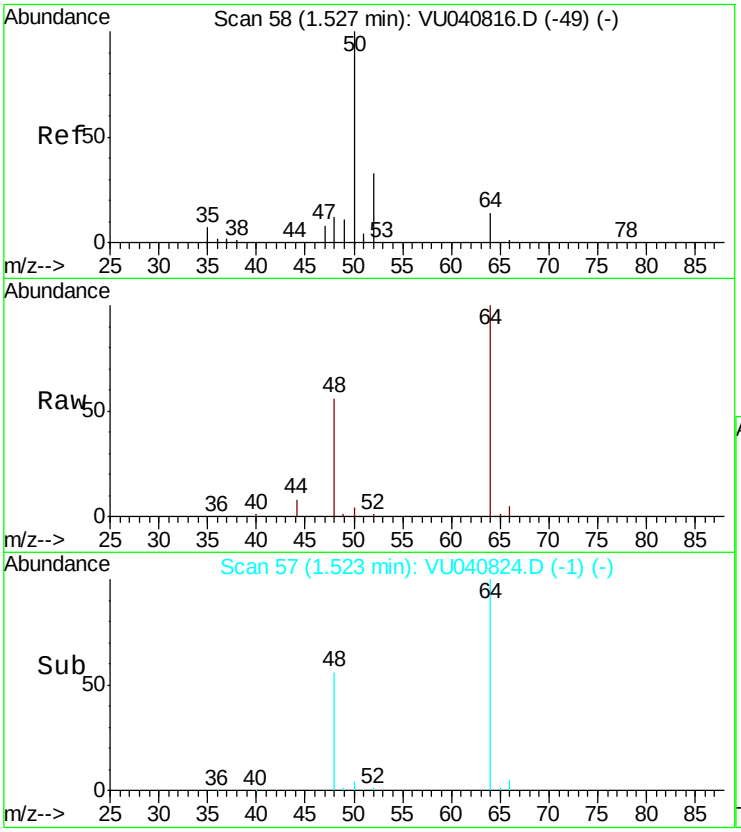
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040824.D
Acq On : 19 Oct 2020 23:28
Operator : SY/MD
Sample : L4420-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Quant Time: Oct 20 05:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration



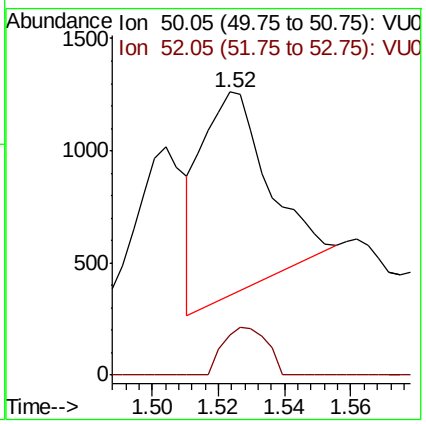


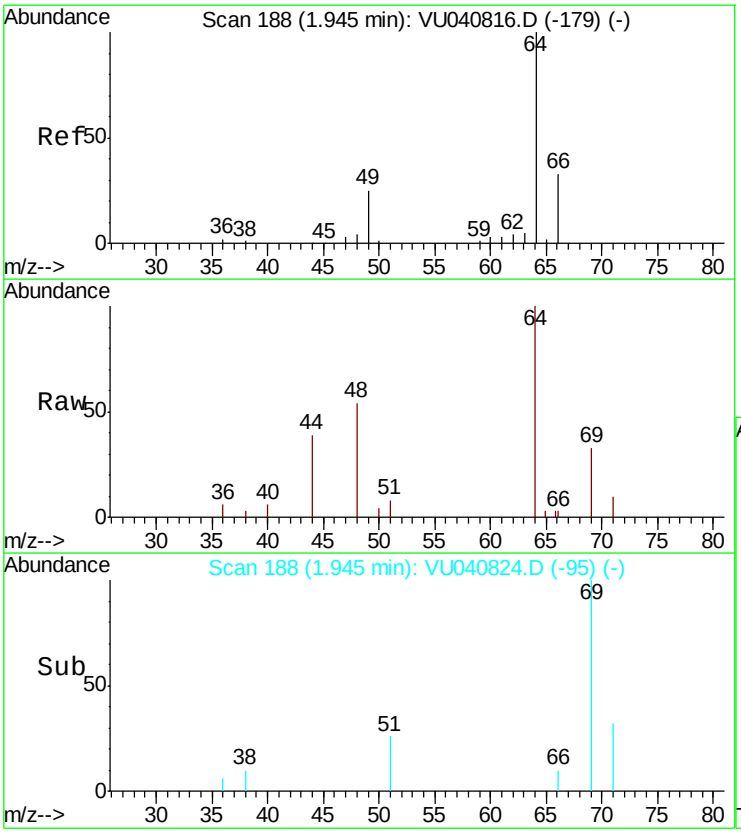
#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument : MSVOA_U
ClientSampleId : C0AJ9

Tgt Ion: 50 Resp: 1275

Ion	Ratio	Lower	Upper
50	100		
52	14.2	21.9	40.7#

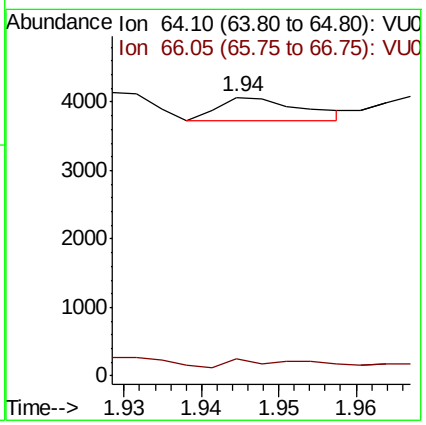


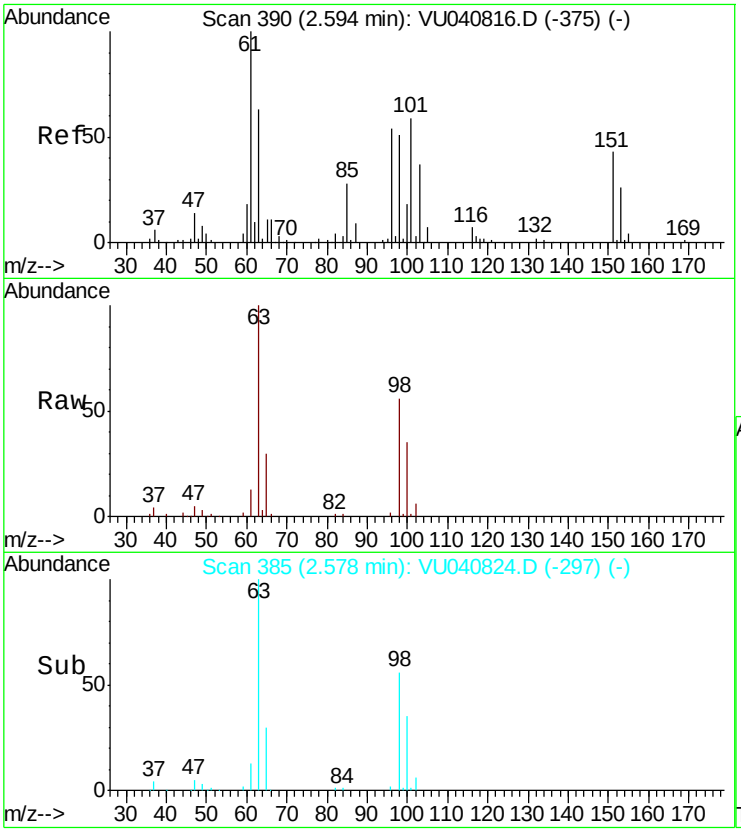


#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 64 Resp: 248

Ion	Ratio	Lower	Upper
64	100		
66	6.1	23.3	43.3#



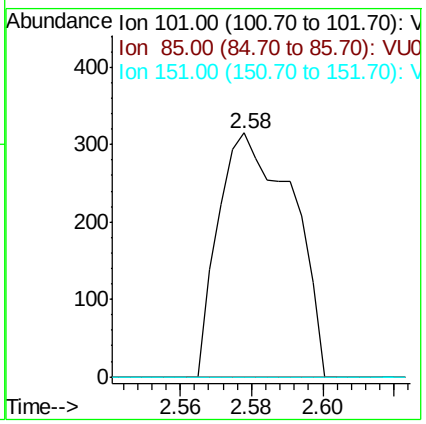


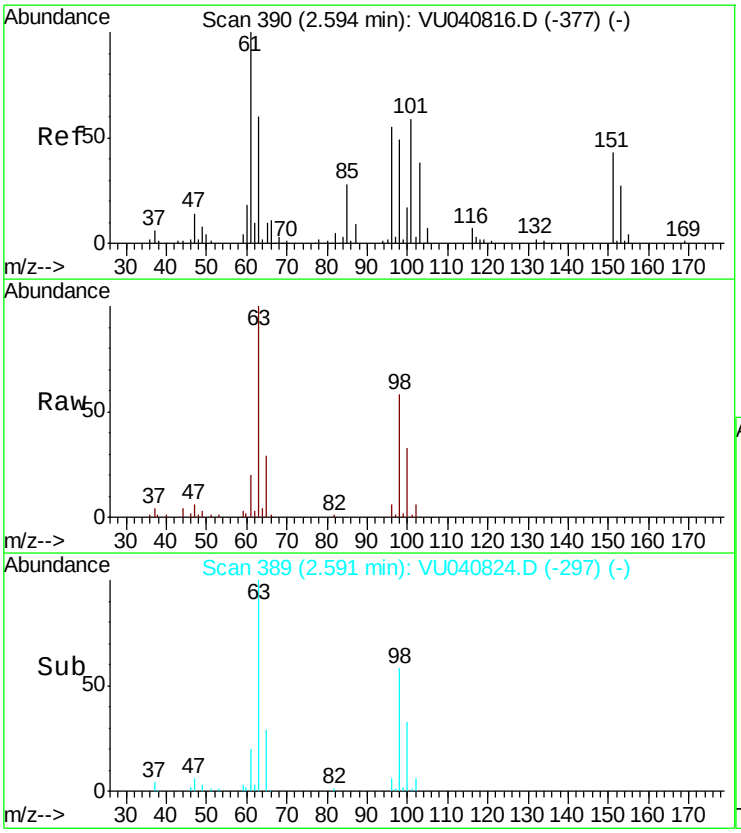
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion:101 Resp: 452

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

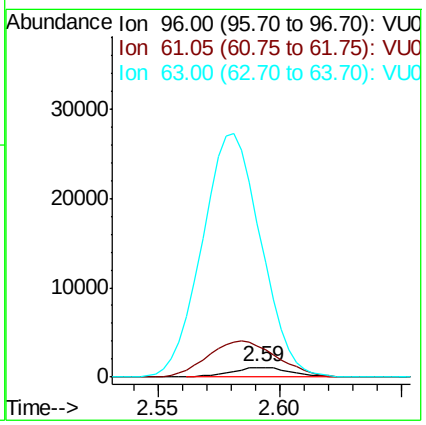


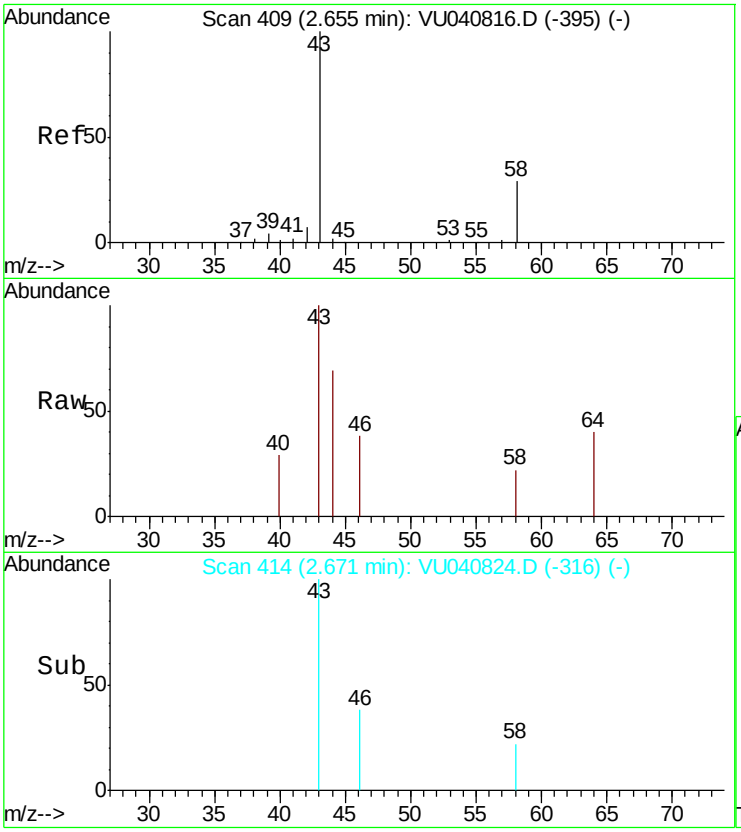


#12
1,1-Dichloroethene
Concen: 0.228 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 96 Resp: 1817

Ion	Ratio	Lower	Upper
96	100		
61	321.6	128.8	239.2#
63	1570.1	84.6	157.2#



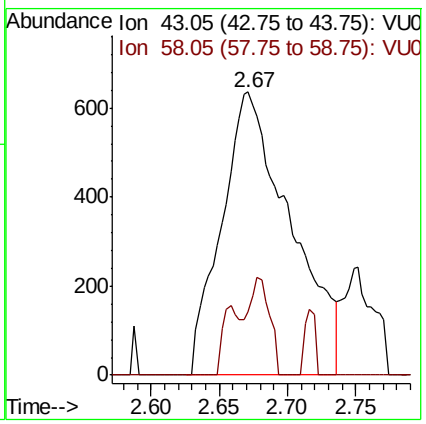


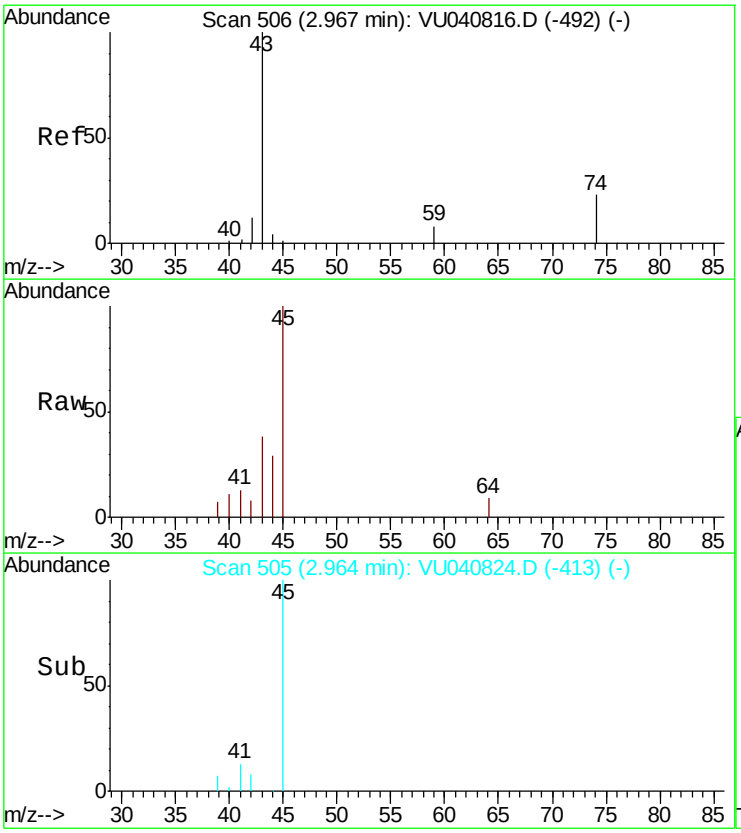
#13
Acetone
Concen: 0.973 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.02 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 43 Resp: 2235

Ion	Ratio	Lower	Upper
43	100		
58	11.1	0.0	60.6

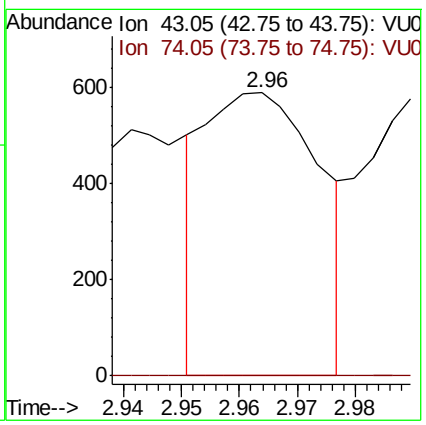


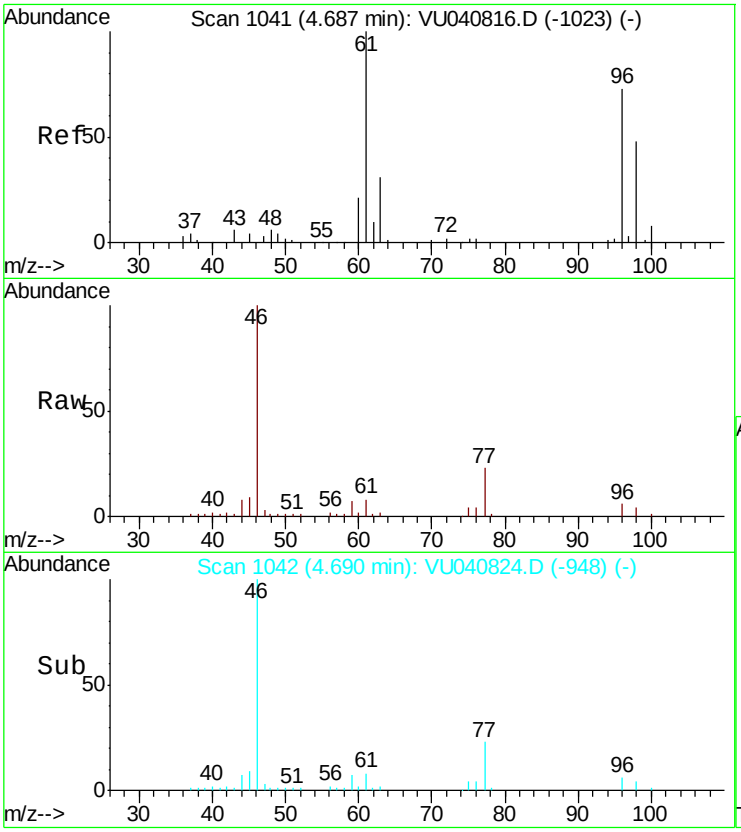


#15
Methyl Acetate
Concen: 0.153 ug/L
RT: 2.96 min Scan# 505
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 43 Resp: 803

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



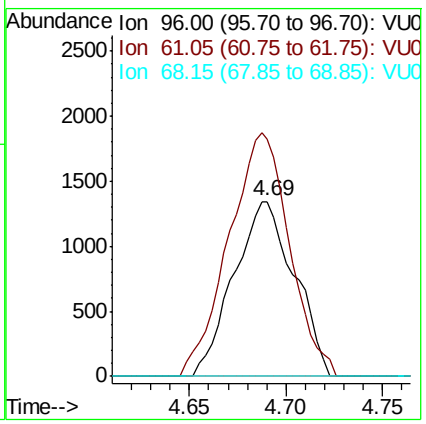


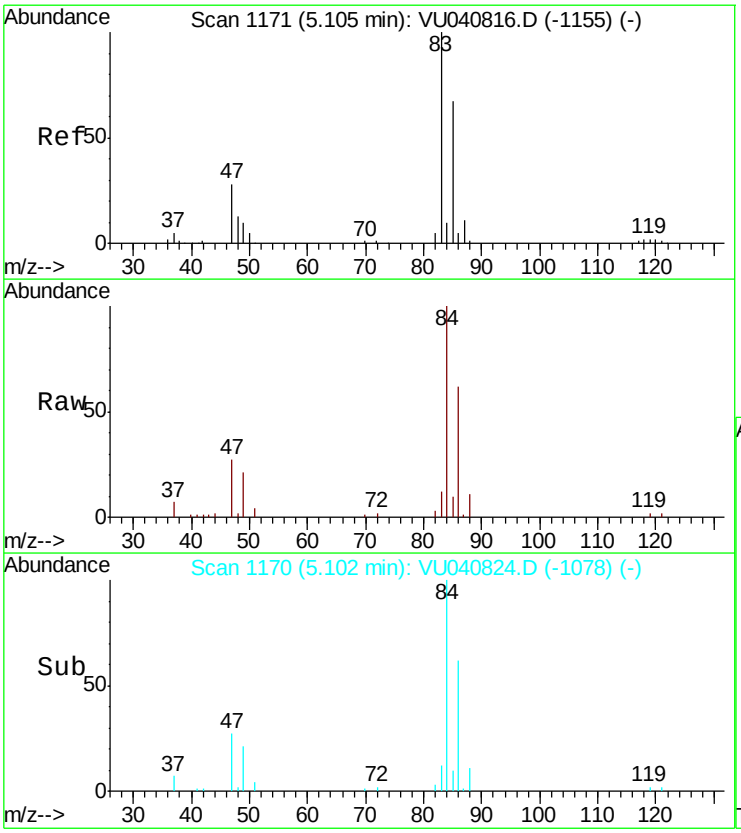
#22
cis-1,2-Dichloroethene
Concen: 0.325 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 96 Resp: 2927

Ion	Ratio	Lower	Upper
96	100		
61	135.8	99.8	185.4
68	0.0	0.0	0.0

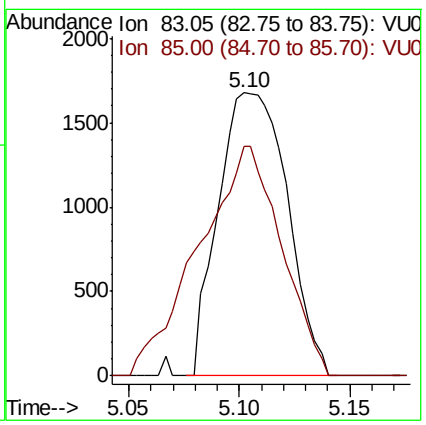


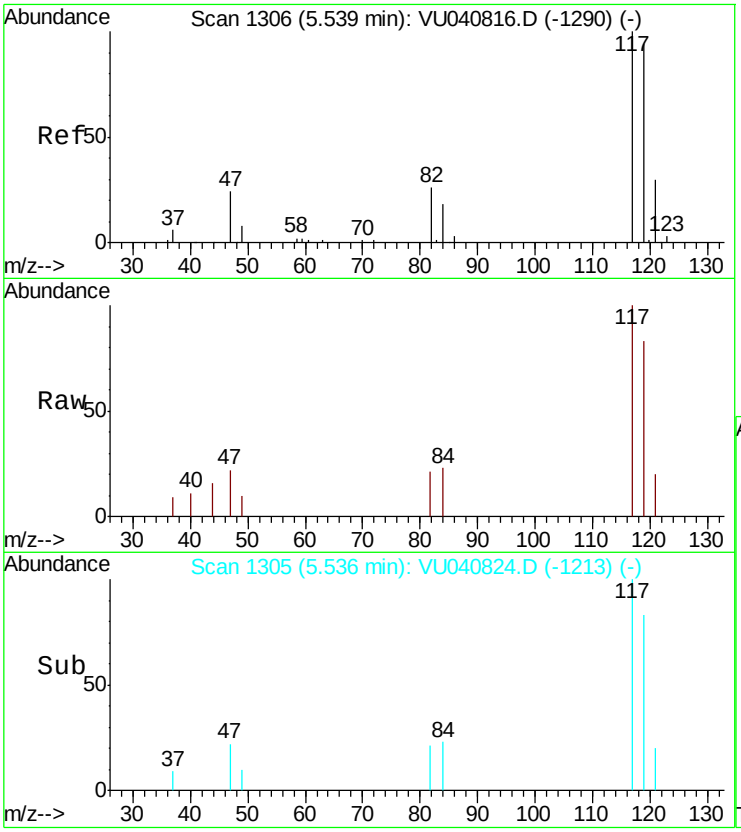


#25
Chloroform
Concen: 0.207 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 83 Resp: 3644

Ion	Ratio	Lower	Upper
83	100		
85	81.0	46.5	86.5



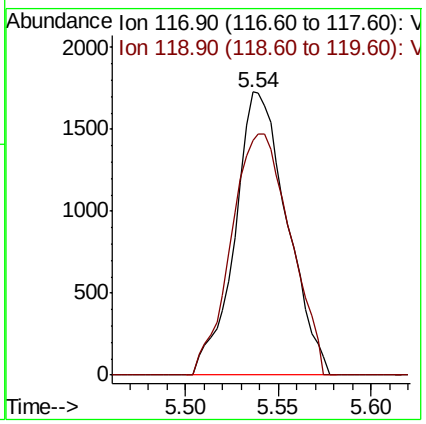


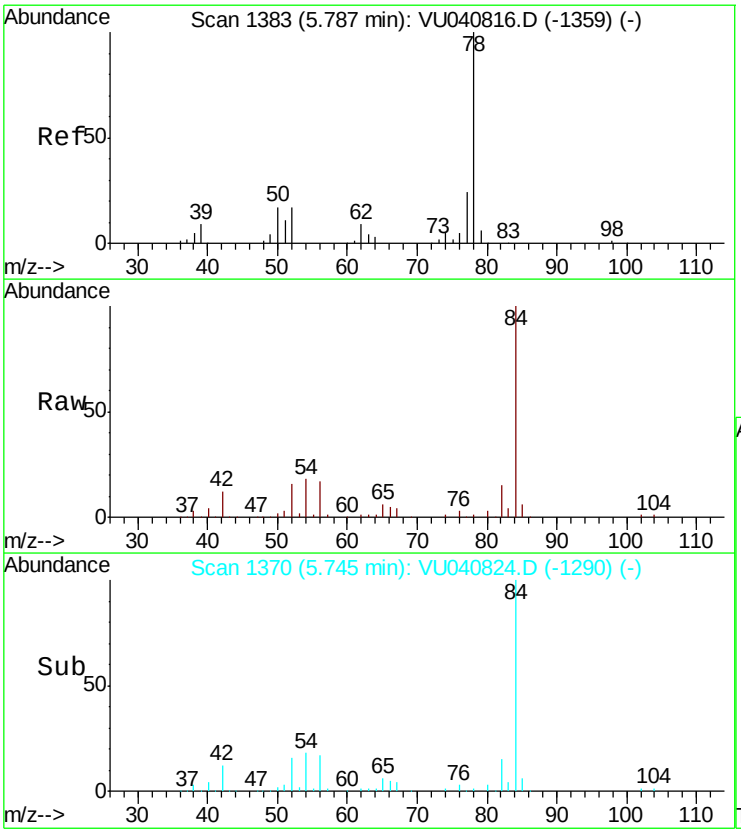
#31
Carbon tetrachloride
Concen: 0.253 ug/L
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion:117 Resp: 3391

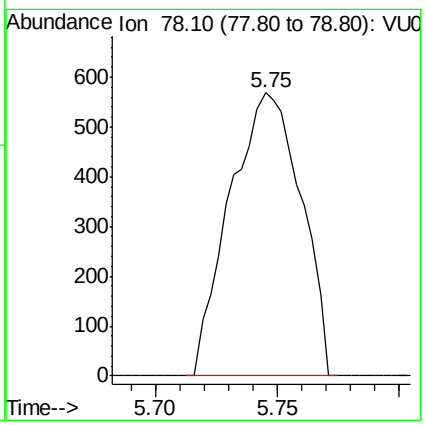
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.2

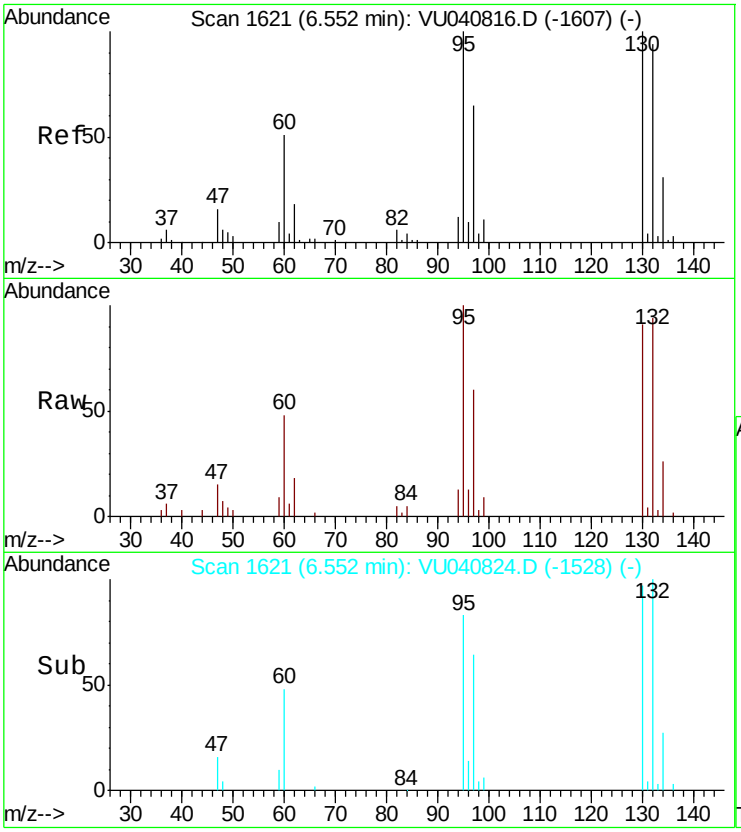




#33
Benzene
Concen: 0.031 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 78 Resp: 1149



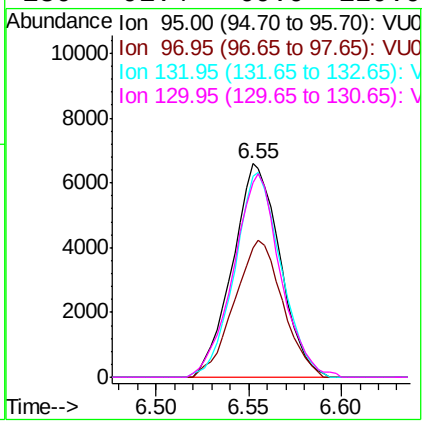


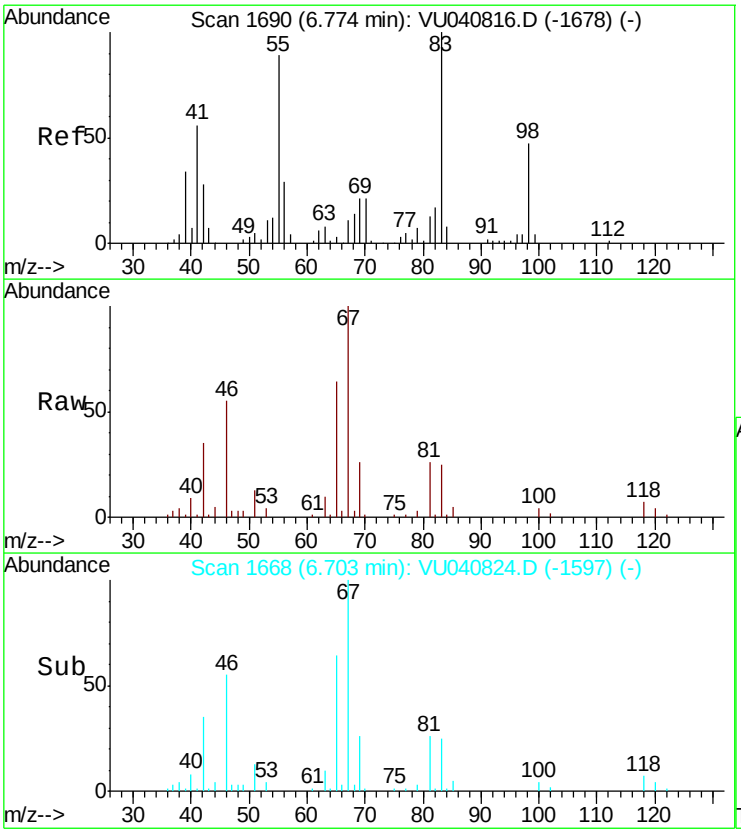
#34
Trichloroethene
Concen: 1.209 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 95 Resp: 11743

Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.5	84.5
132	93.8	67.5	125.4
130	91.4	69.9	129.9

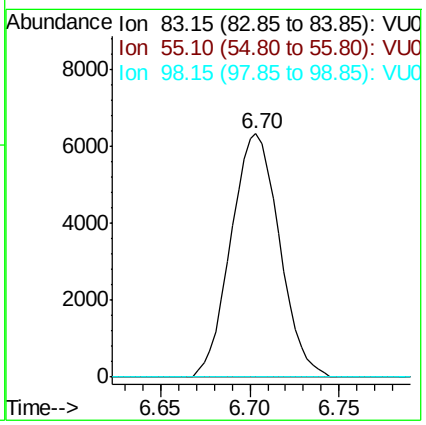


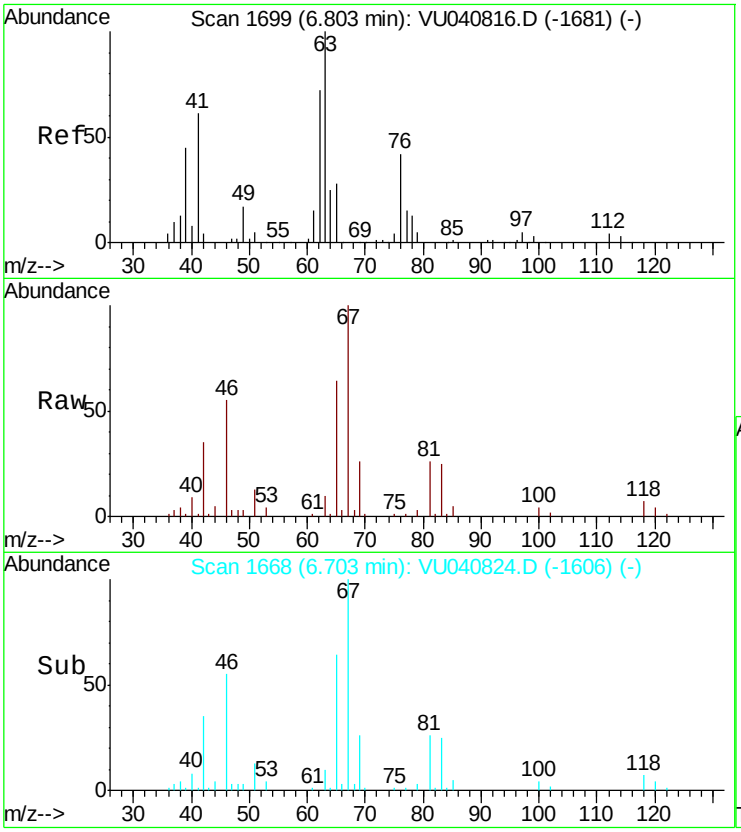


#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 83 Resp: 11957

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	3.4	38.4	57.6#



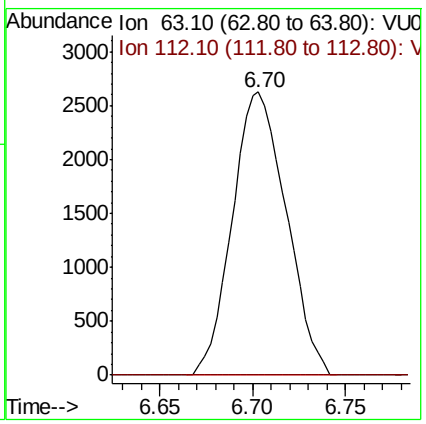


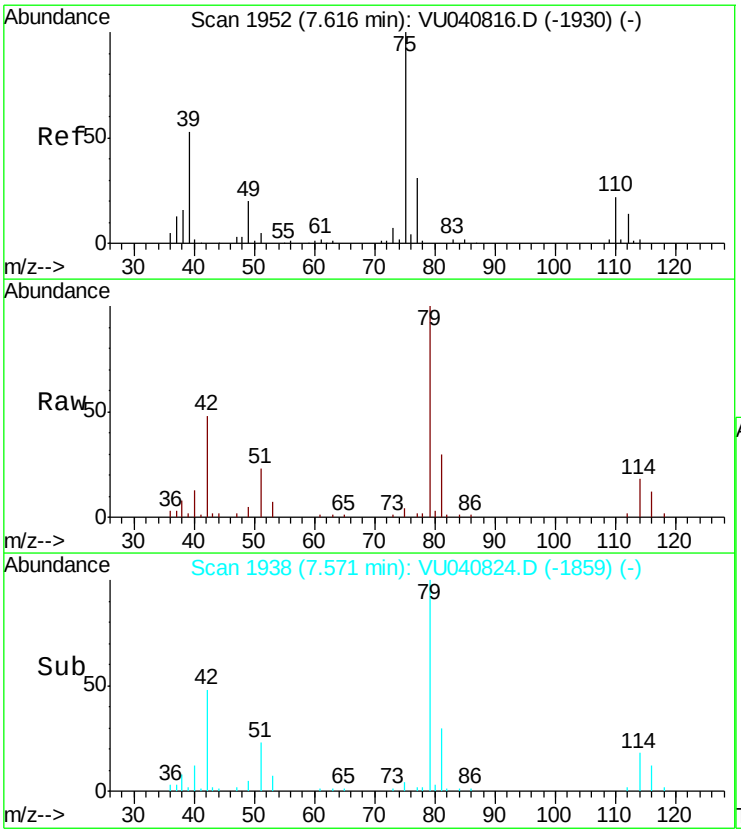
#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 63 Resp: 5309

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

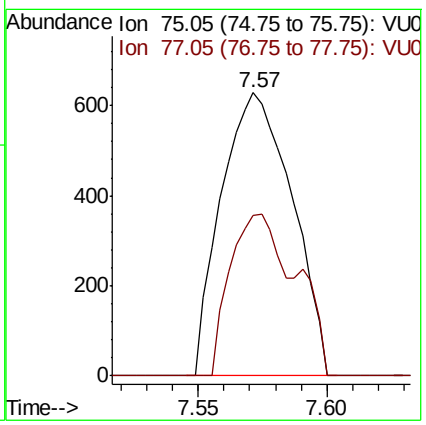


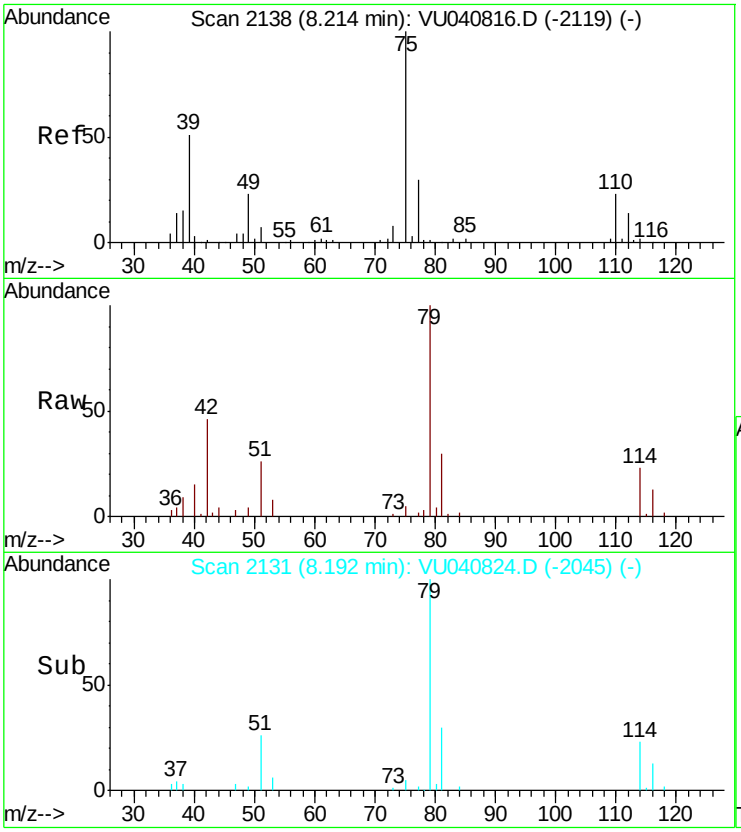


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion: 75 Resp: 1199

Ion	Ratio	Lower	Upper
75	100		
77	56.7	20.5	38.1#



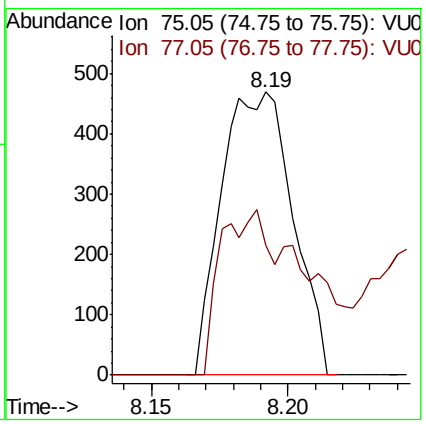


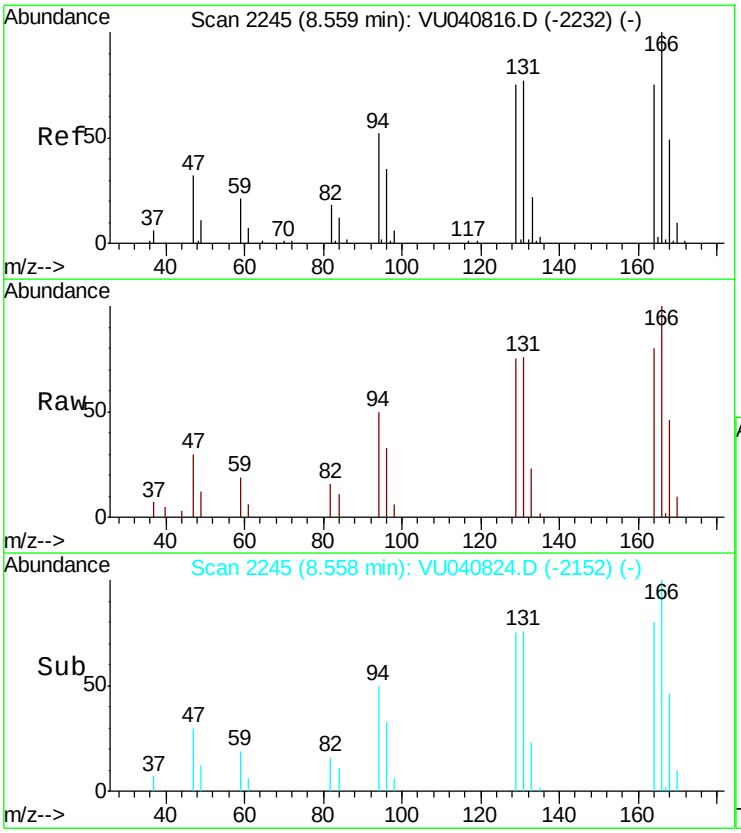
#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument : MSVOA_U
ClientSampleId : C0AJ9

Tgt Ion: 75 Resp: 854

Ion	Ratio	Lower	Upper
75	100		
77	45.8	20.4	38.0#

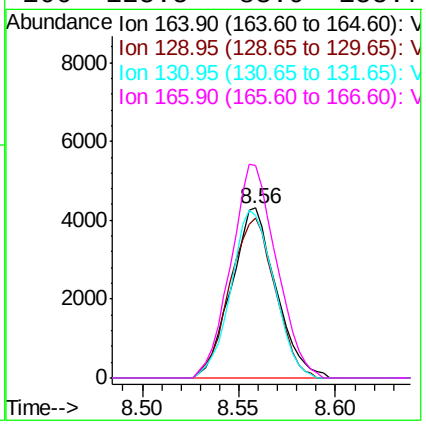


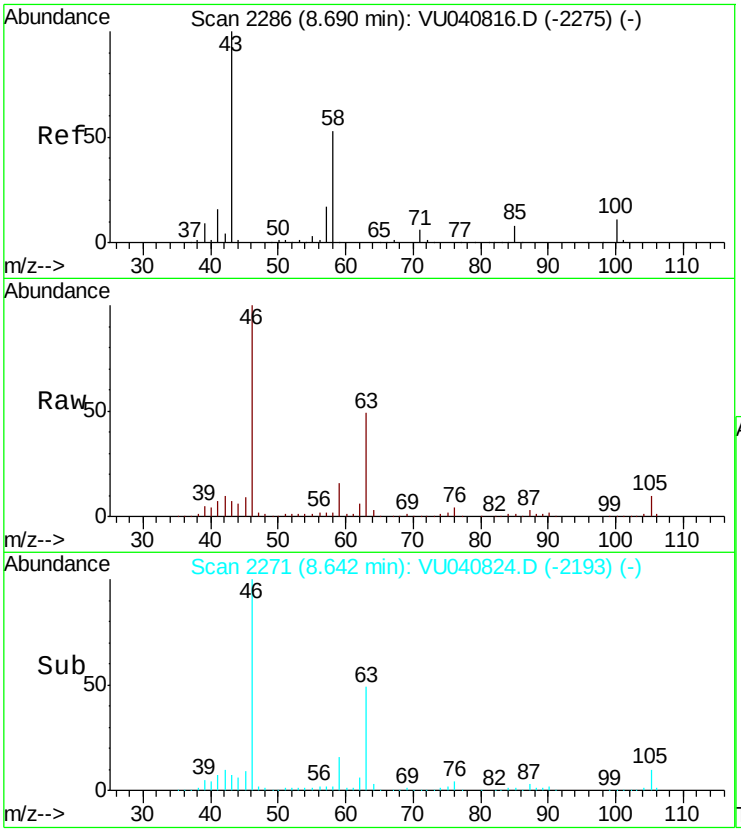


#47
Tetrachloroethene
Concen: 1.000 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion:164 Resp: 6930

Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.8	127.8
131	95.5	66.7	123.9
166	125.5	83.9	155.7



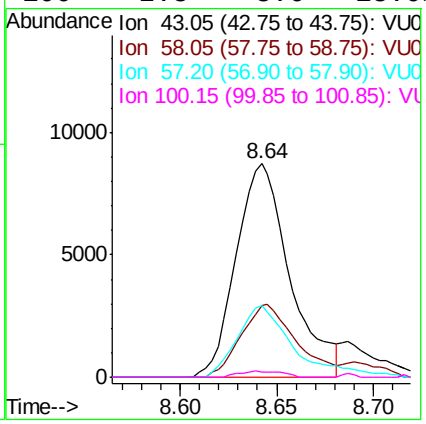


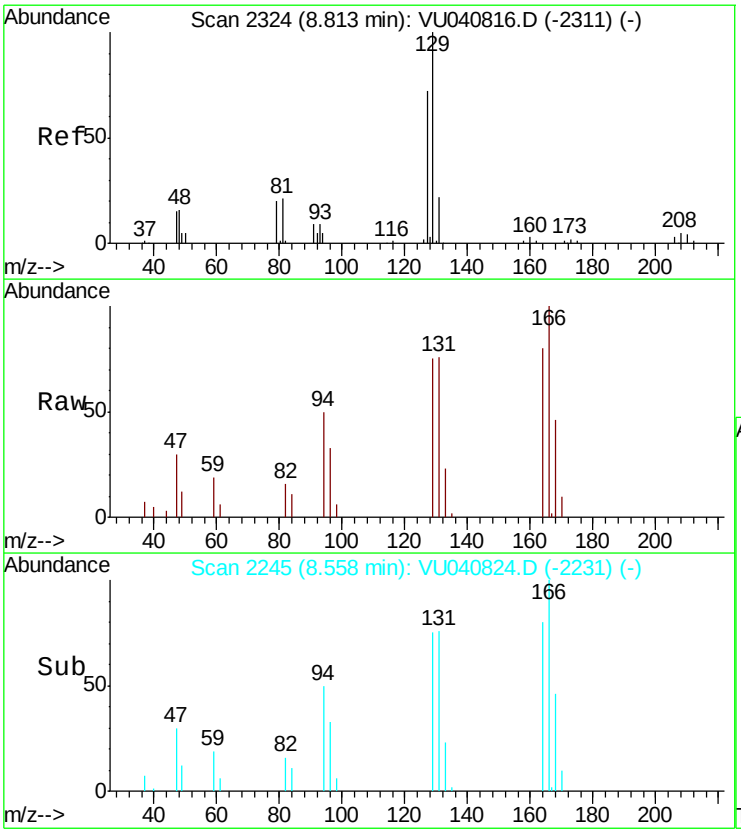
#48
2-Hexanone
Concen: 2.722 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument : MSVOA_U
ClientSampleId : C0AJ9

Tgt Ion: 43 Resp: 16868

Ion	Ratio	Lower	Upper
43	100		
58	34.8	41.0	61.6#
57	35.2	14.4	21.6#
100	2.3	8.6	13.0#

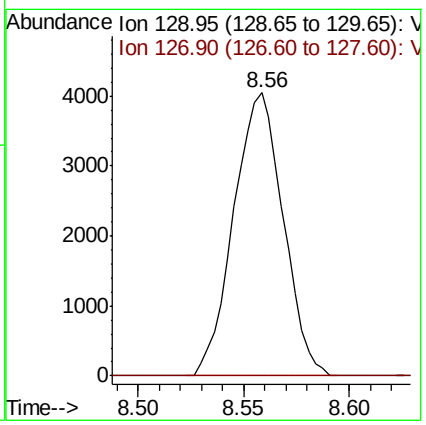


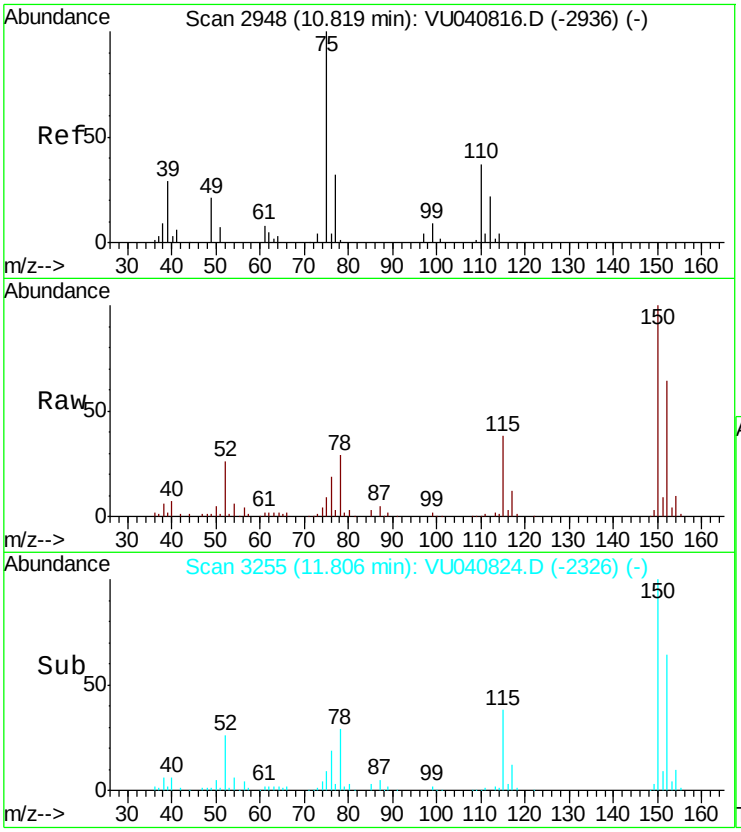


#49
Dibromochloromethane
Concen: 0.734 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Tgt Ion:129 Resp: 6602

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59
1,2,3-Trichloropropane
Concen: 0.857 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040824.D
Acq: 19 Oct 2020 23:28

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 75 Resp: 6572

Ion	Ratio	Lower	Upper
75	100		
77	34.3	26.4	39.6