Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040837.D
Acq On : 20 Oct 2020 04:28
Operator : SY/MD
Sample : L4428-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ34

Quant Time: Oct 20 05:22:36 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	114346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47407	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28678	3.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.60%			
7) Chloroethane-d5	1.92	69	27960	3.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.60%			
11) 1,1-Dichloroethene-d2	2.58	63	43660	2.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 47.20%#			
20) 2-Butanone-d5	4.66	46	182518	60.20	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.40%			
24) Chloroform-d	5.08	84	77863	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	48524	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.74	84	127663	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.70	67	47385	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.91	98	94393	3.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.20%#			
43) trans-1,3-Dichloropropene-	8.18	79	16881	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	8.64	63	115111	50.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.30%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48008	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44918	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.65	85	494	0.048	ug/L #	85
3) Chloromethane	1.52	50	1874	0.193	ug/L #	59
5) Vinyl chloride	1.61	62	434871	42.621	ug/L	88
8) Chloroethane	2.12	64	1398	0.215	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	735	0.077	ug/L #	1
12) 1,1-Dichloroethene	2.59	96	2582	0.316	ug/L #	1
14) Carbon disulfide	2.80	76	1402	0.061	ug/L #	76
15) Methyl Acetate	3.06	43	1019	0.190	ug/L #	56
17) Methyl tert-butyl Ether	3.38	73	10814	0.469	ug/L #	72
18) trans-1,2-Dichloroethene	3.37	96	11039	1.293	ug/L	98
19) 1,1-Dichloroethane	3.89	63	797	0.045	ug/L #	89
22) cis-1,2-Dichloroethene	4.69	96	881027	95.660	ug/L	99
27) 1,2-Dichloroethane	5.81	62	531	0.042	ug/L #	77
30) Cyclohexane	5.40	56	2743	0.191	ug/L	97
34) Trichloroethene	6.56	95	9715	1.003	ug/L	94
35) Methylcyclohexane	6.77	83	1480	0.108	ug/L #	65
37) 1,2-Dichloropropane	6.70	63	5933	0.570	ug/L #	87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040837.D
Acq On : 20 Oct 2020 04:28
Operator : SY/MD
Sample : L4428-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ34

Quant Time: Oct 20 05:22:36 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)
39) cis-1,3-Dichloropropene	7.57	75	1192	0.084	ug/L	#	55
44) trans-1,3-Dichloropropene	8.19	75	674	0.051	ug/L		90
47) Tetrachloroethene	8.55	164	500	0.072	ug/L	#	75
48) 2-Hexanone	8.64	43	16187	2.620	ug/L	#	75
53) m,p-Xylene	9.69	106	2032	0.135	ug/L		88
59) 1,2,3-Trichloropropane	11.81	75	6721	0.879	ug/L		93

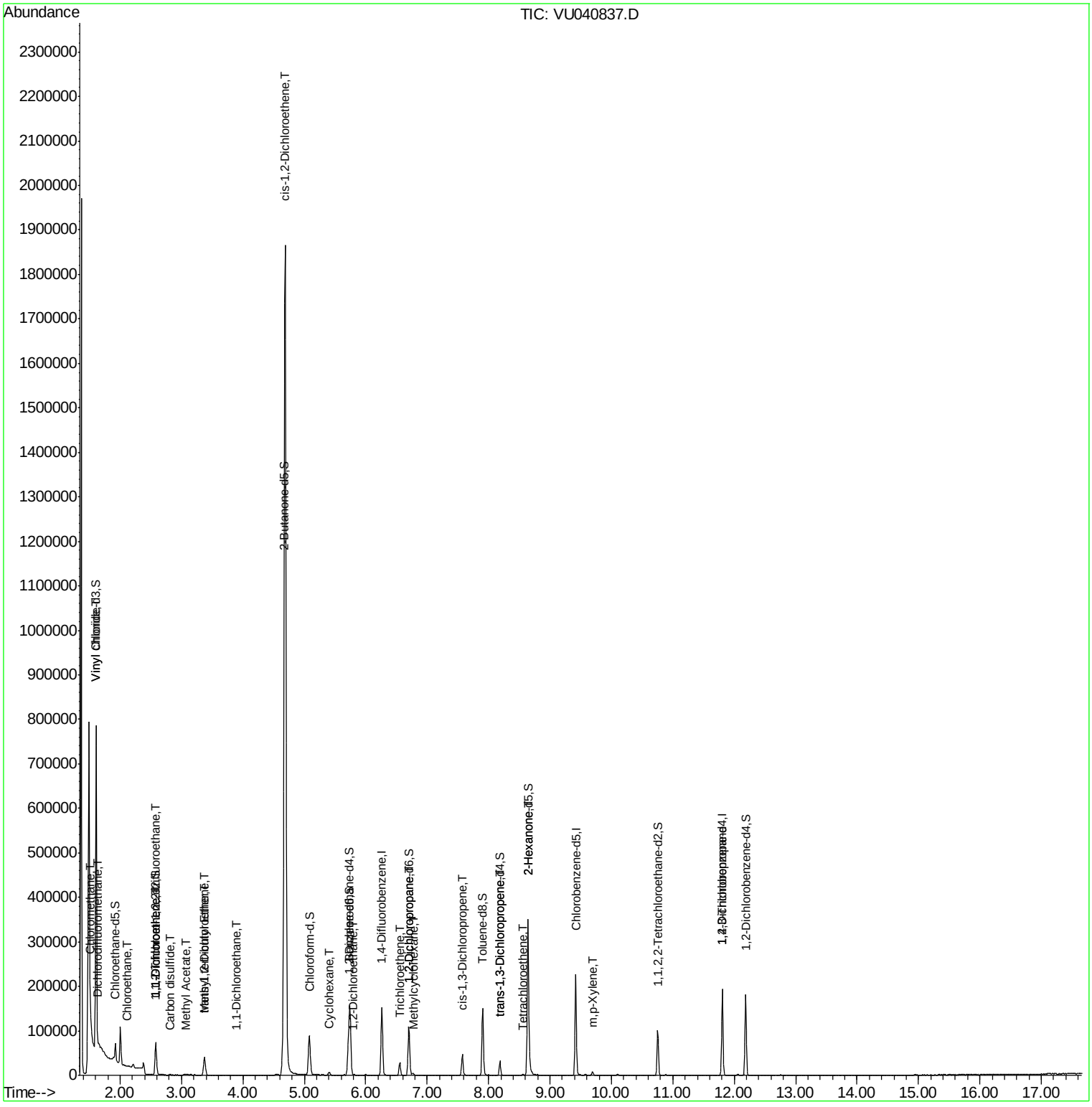
(#) = qualifier out of range (m) = manual integration (+) = signals summed

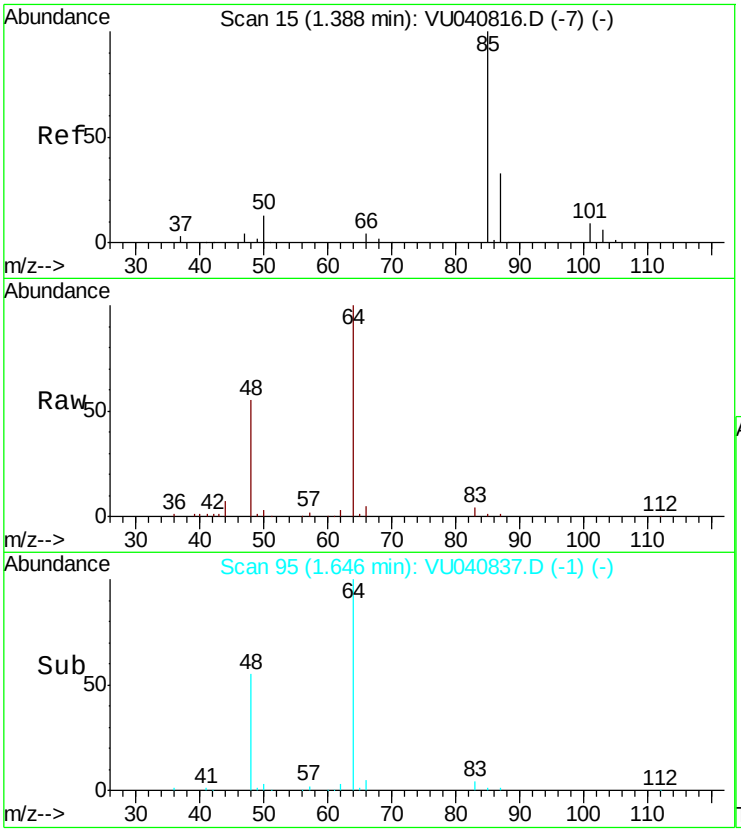
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040837.D
Acq On : 20 Oct 2020 04:28
Operator : SY/MD
Sample : L4428-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Quant Time: Oct 20 05:22:36 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



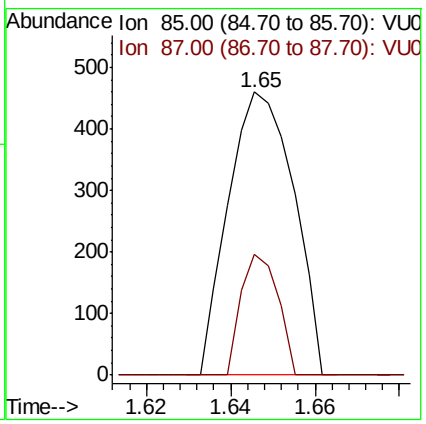


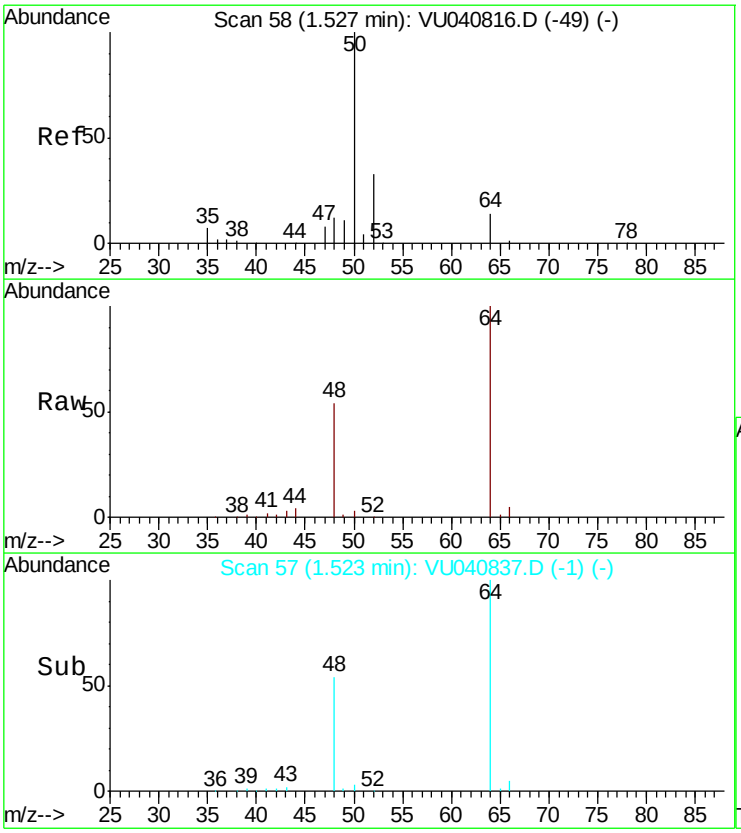
#2
Dichlorodifluoromethane
Concen: 0.048 ug/L
RT: 1.65 min Scan# 95
Delta R.T. 0.26 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 85 Resp: 494

Ion	Ratio	Lower	Upper
85	100		
87	24.3	26.2	39.4#

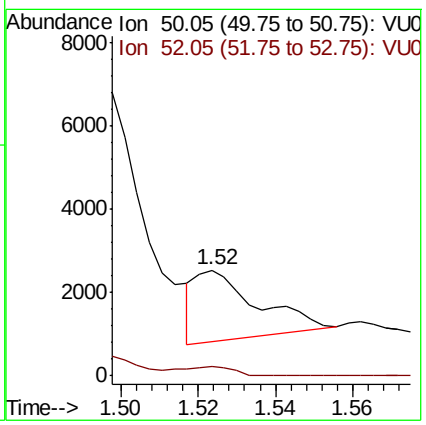


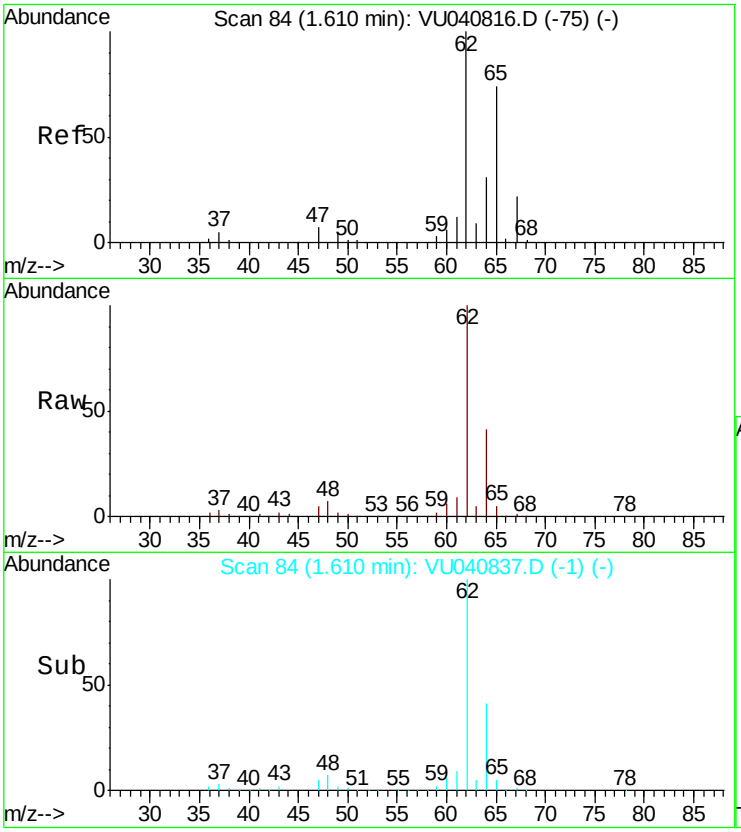


#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 50 Resp: 1874

Ion	Ratio	Lower	Upper
50	100		
52	8.5	21.9	40.7#



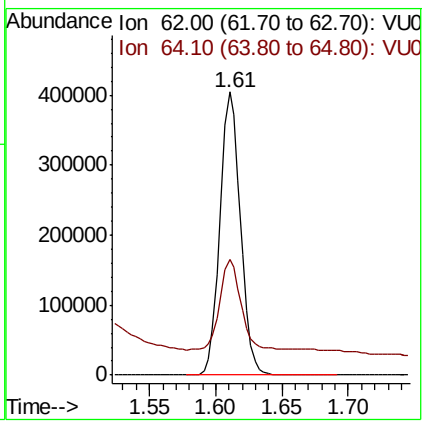


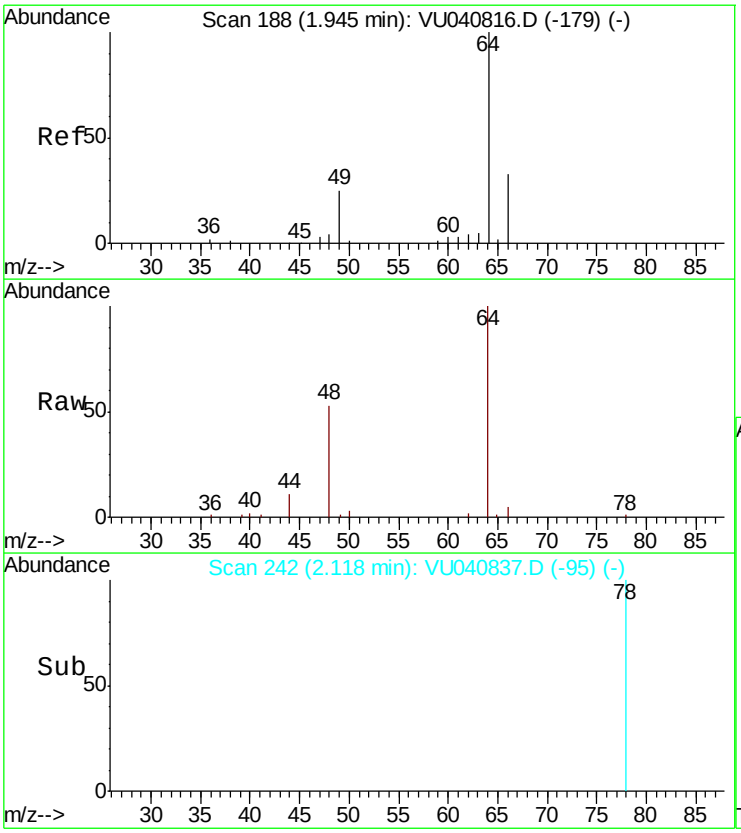
#5
Vinyl chloride
Concen: 42.621 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 62 Resp: 434871

Ion	Ratio	Lower	Upper
62	100		
64	40.9	23.7	44.1

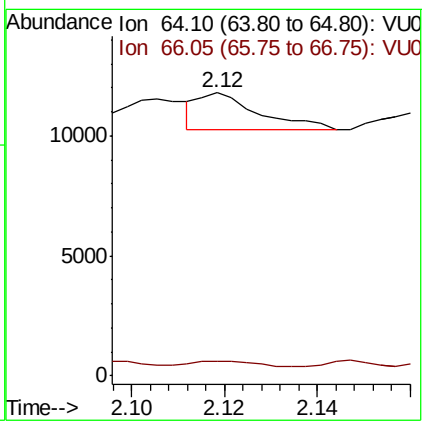


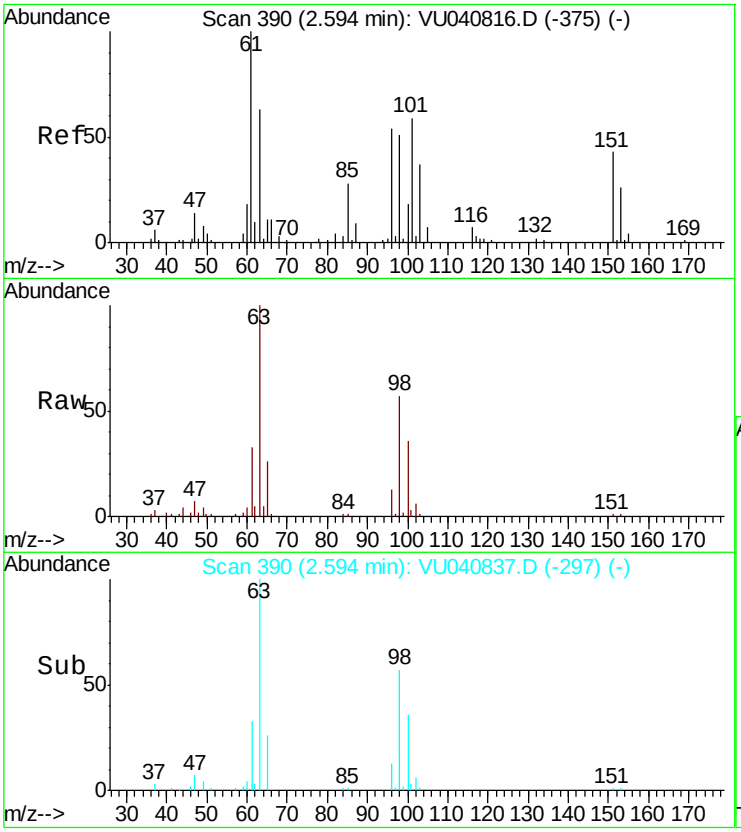


#8
Chloroethane
Concen: 0.215 ug/L
RT: 2.12 min Scan# 242
Delta R.T. 0.17 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 64 Resp: 1398

Ion	Ratio	Lower	Upper
64	100		
66	5.2	23.3	43.3#



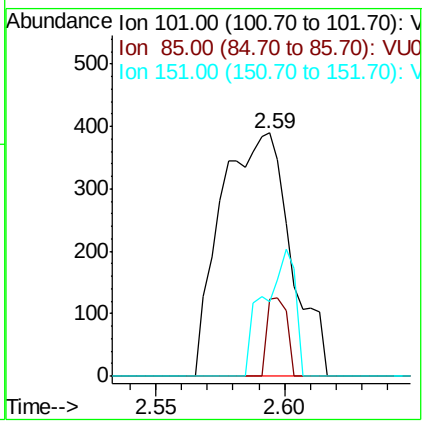


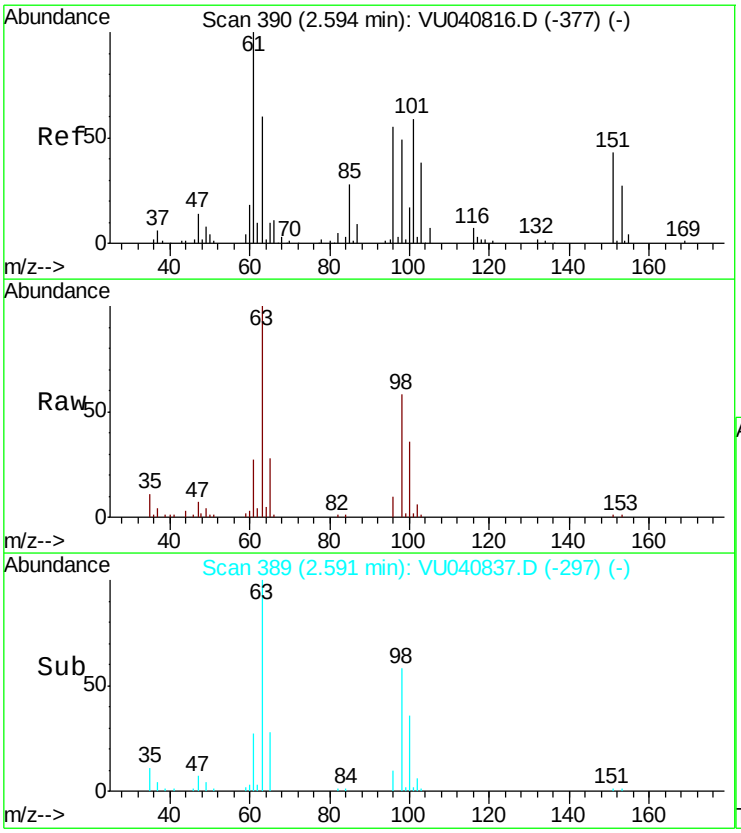
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion:101 Resp: 735

Ion	Ratio	Lower	Upper
101	100		
85	569.5	36.7	55.1#
151	23.5	58.0	87.0#

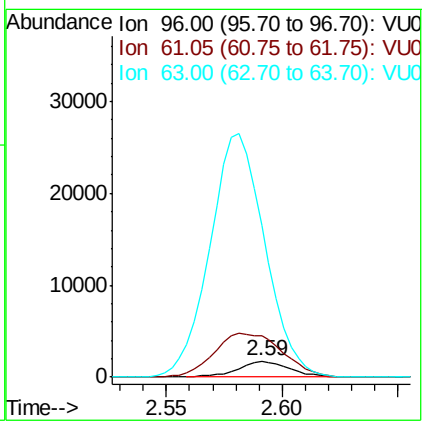


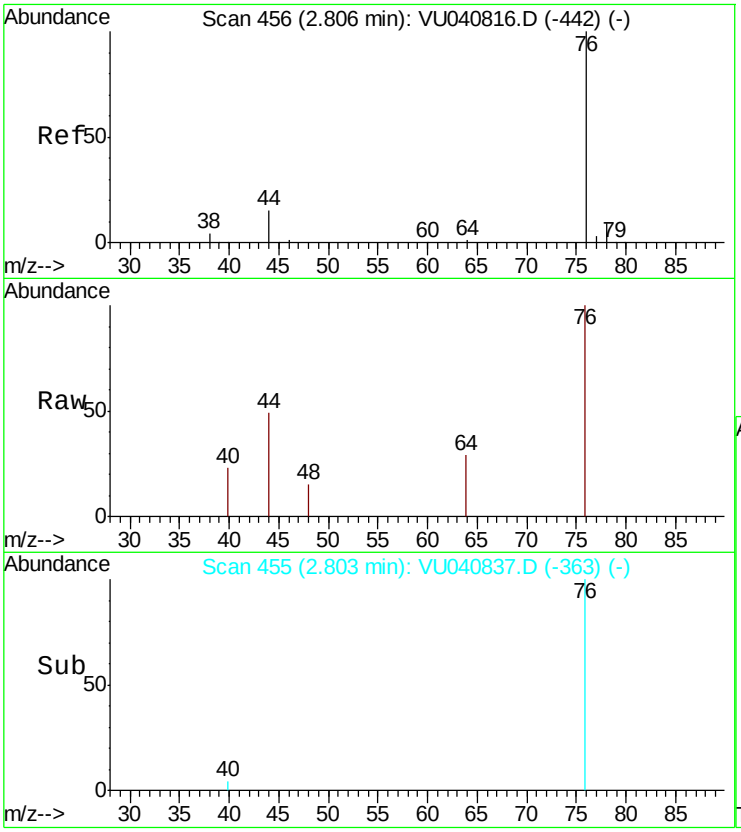


#12
1,1-Dichloroethene
Concen: 0.316 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 96 Resp: 2582

Ion	Ratio	Lower	Upper
96	100		
61	257.7	128.8	239.2#
63	954.2	84.6	157.2#



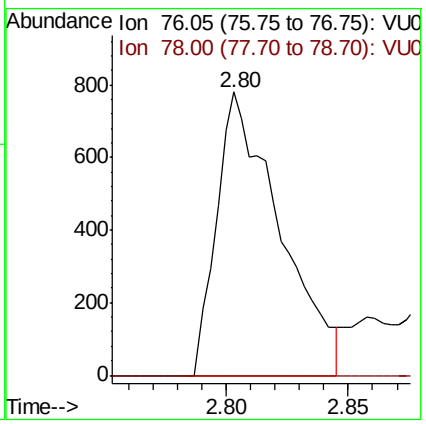


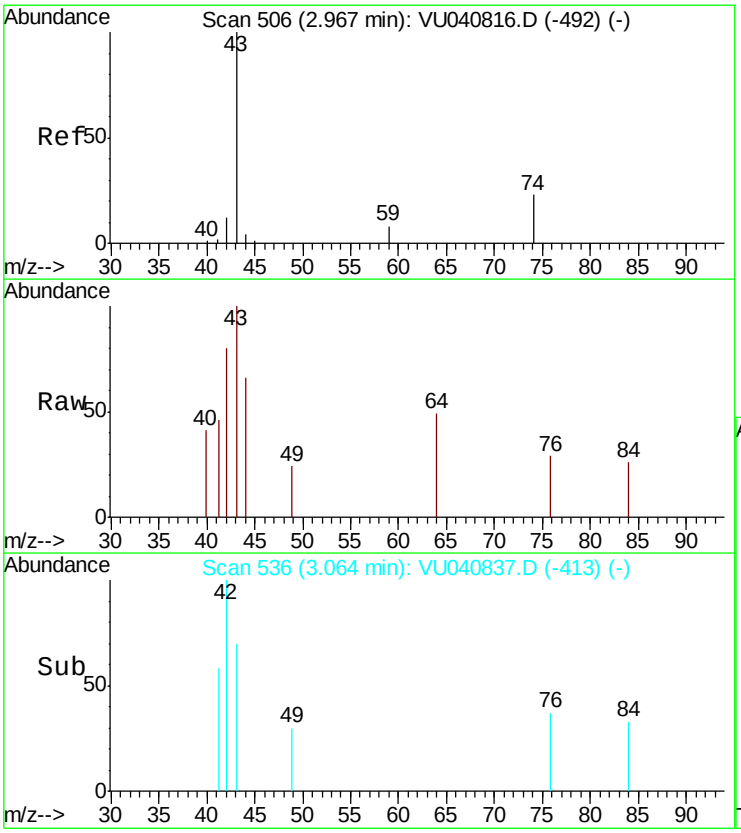
#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.80 min Scan# 455
Delta R.T. -0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion: 76 Resp: 1402

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#

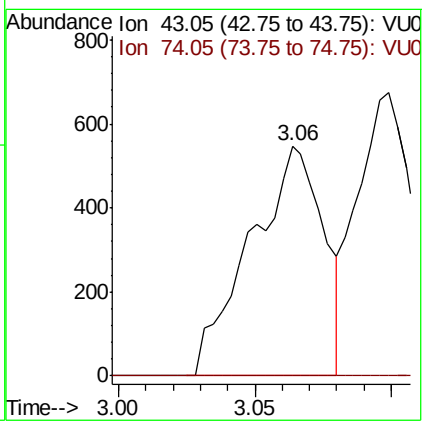


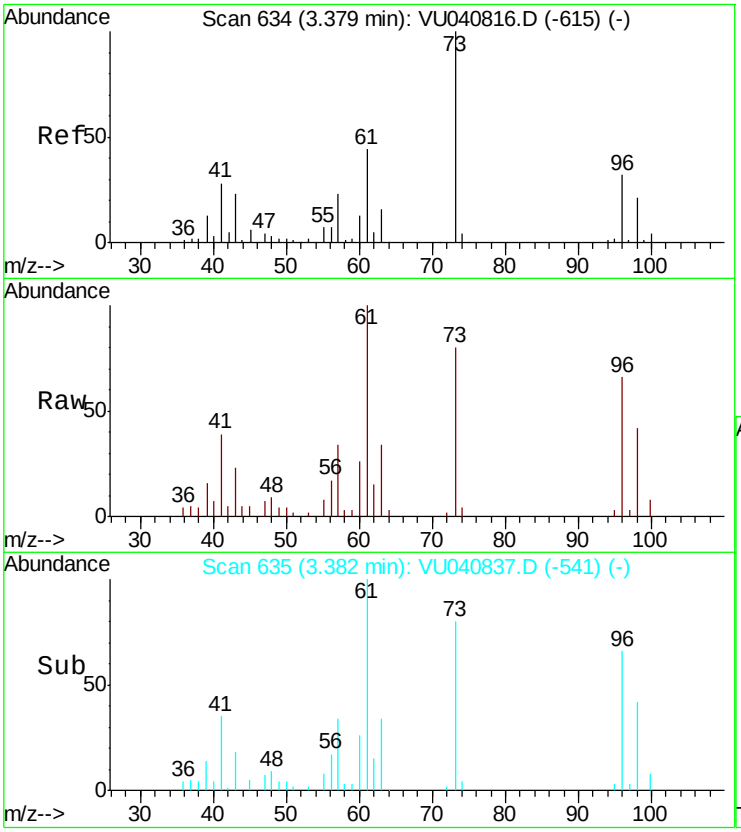


#15
Methyl Acetate
Concen: 0.190 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.10 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 43 Resp: 1019

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



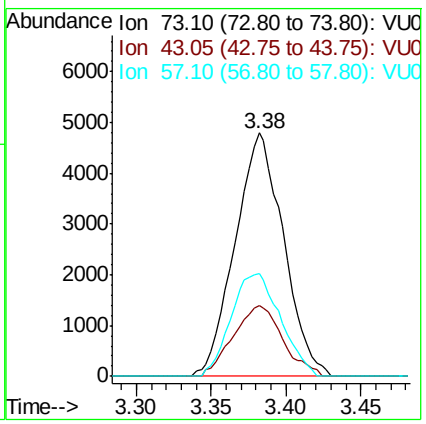


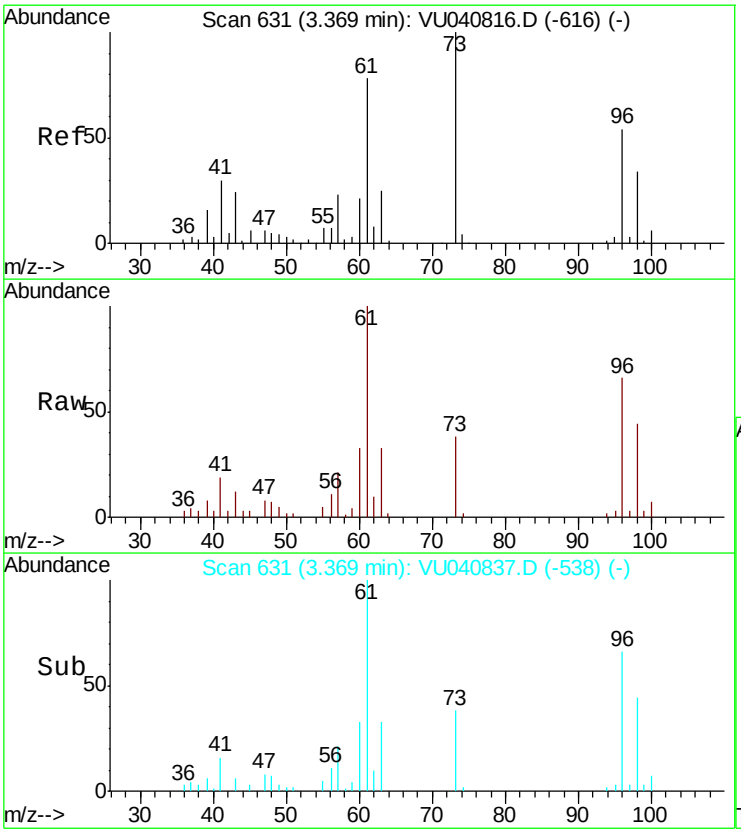
#17
Methyl tert-butyl Ether
Concen: 0.469 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 73 Resp: 10814

Ion	Ratio	Lower	Upper
73	100		
43	29.7	18.2	27.4#
57	43.1	18.6	28.0#

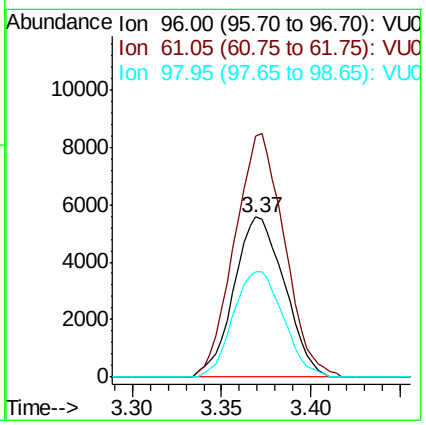


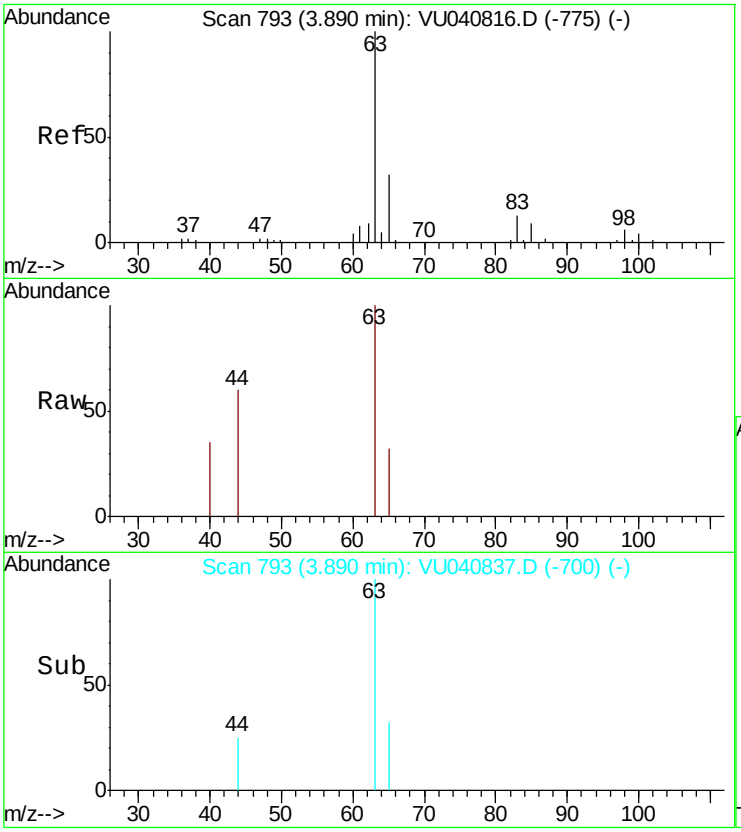


#18
trans-1,2-Dichloroethene
Concen: 1.293 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 96 Resp: 11039

Ion	Ratio	Lower	Upper
96	100		
61	150.5	105.9	196.7
98	65.9	43.8	81.3



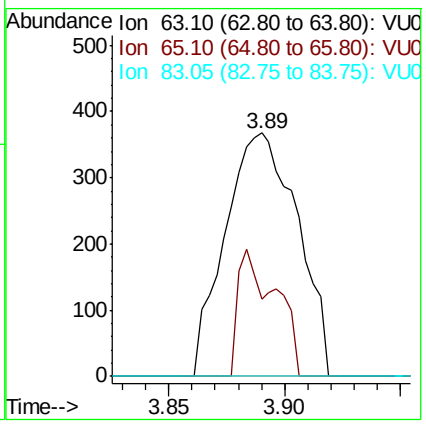


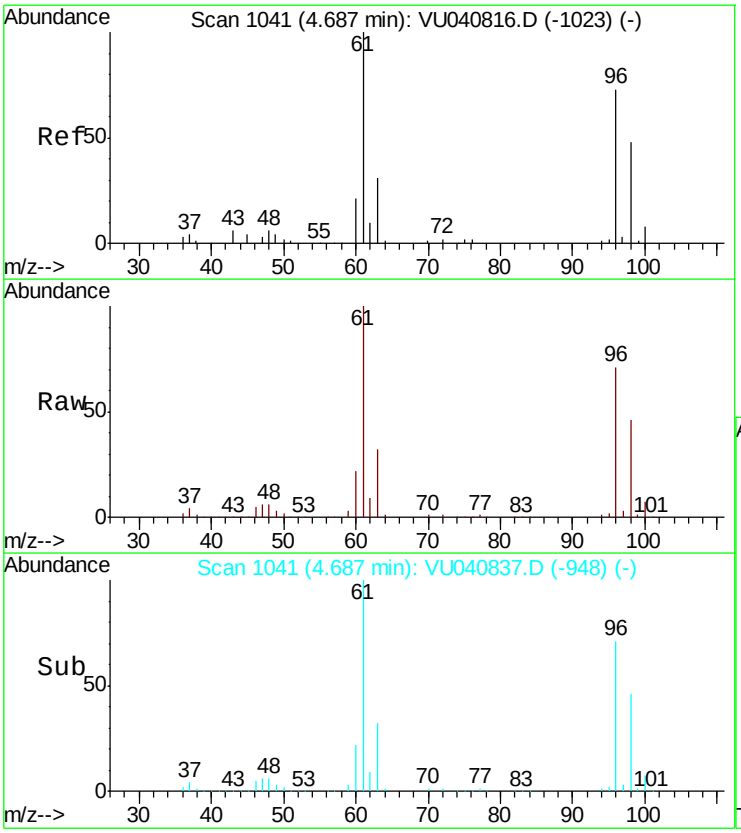
#19
1,1-Dichloroethane
Concen: 0.045 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion: 63 Resp: 797

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	0.0	9.6	17.8#

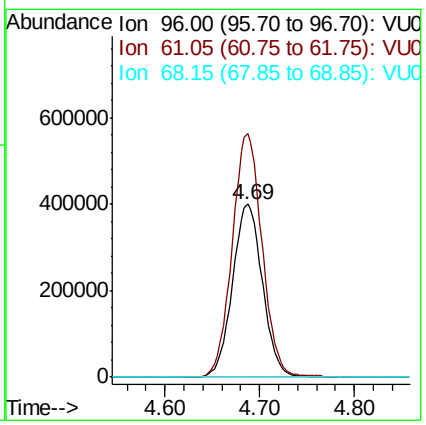


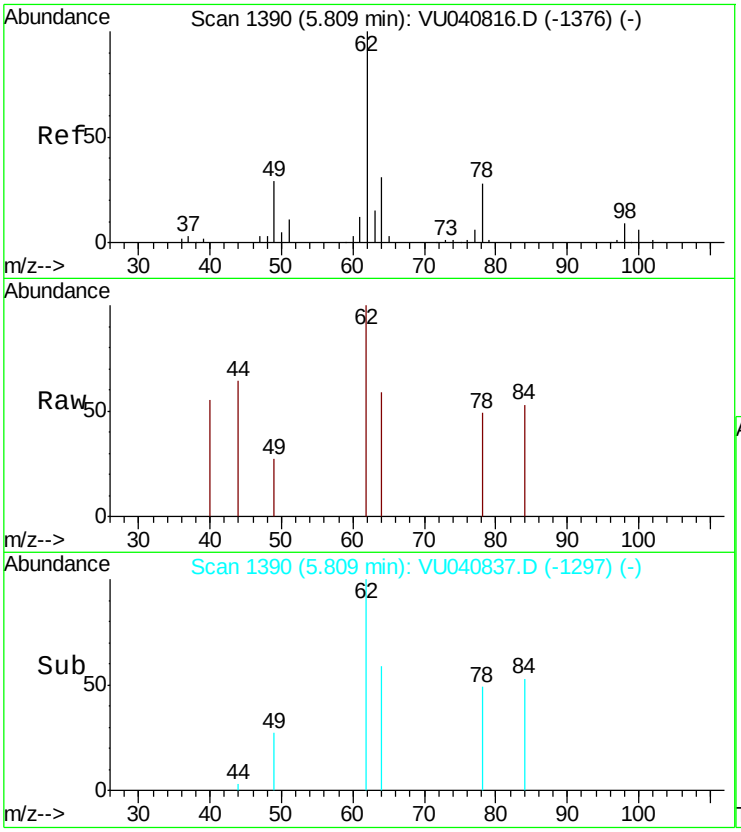


#22
cis-1,2-Dichloroethene
Concen: 95.660 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 96 Resp: 881027

Ion	Ratio	Lower	Upper
96	100		
61	141.0	99.8	185.4
68	0.0	0.0	0.0



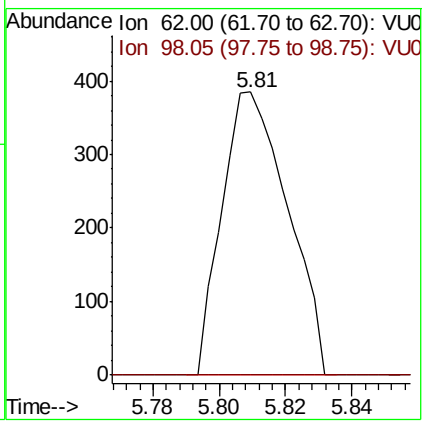


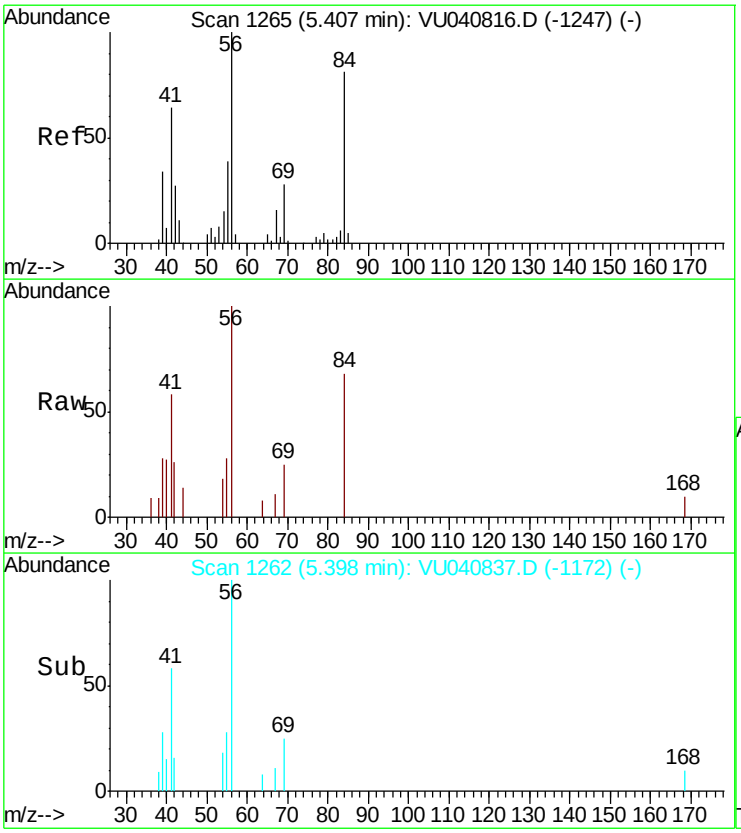
#27
1,2-Dichloroethane
Concen: 0.042 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 62 Resp: 531

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

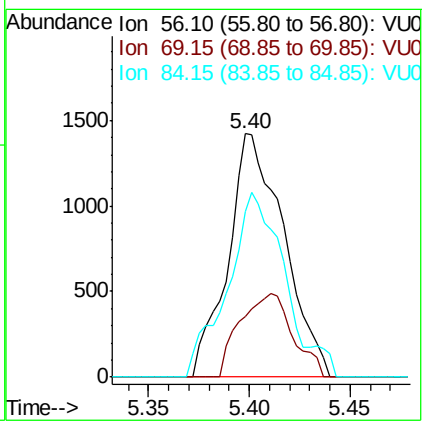


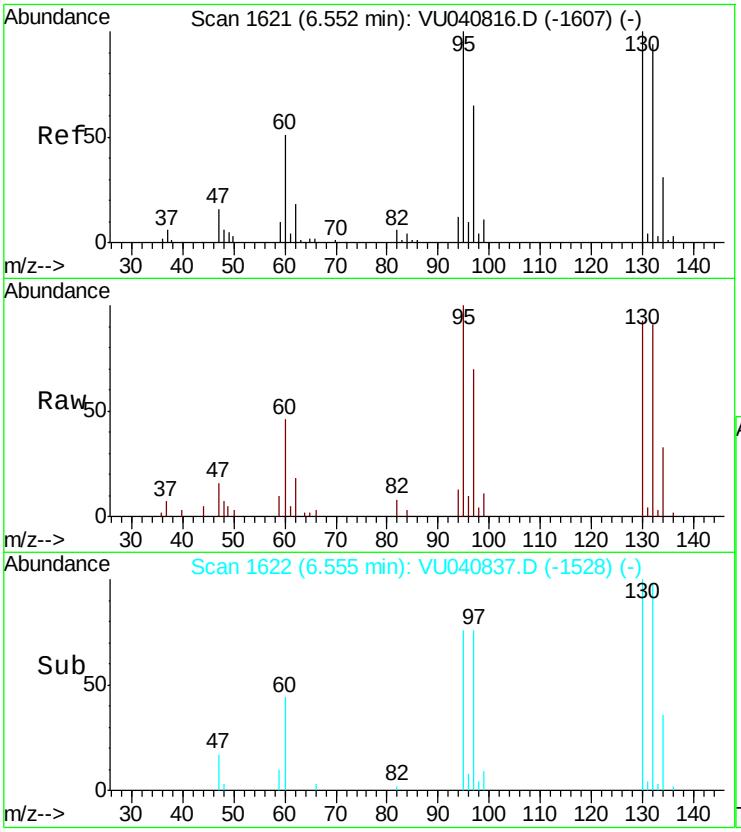


#30
Cyclohexane
Concen: 0.191 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 56 Resp: 2743

Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.8	35.8
84	78.1	64.0	96.0



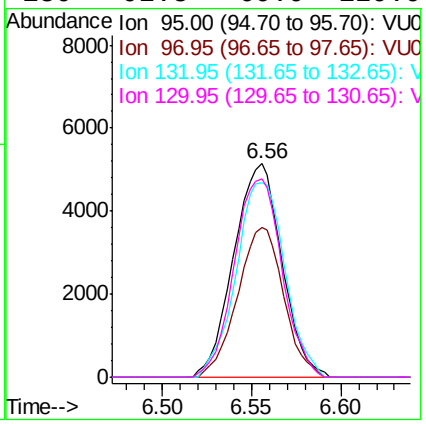


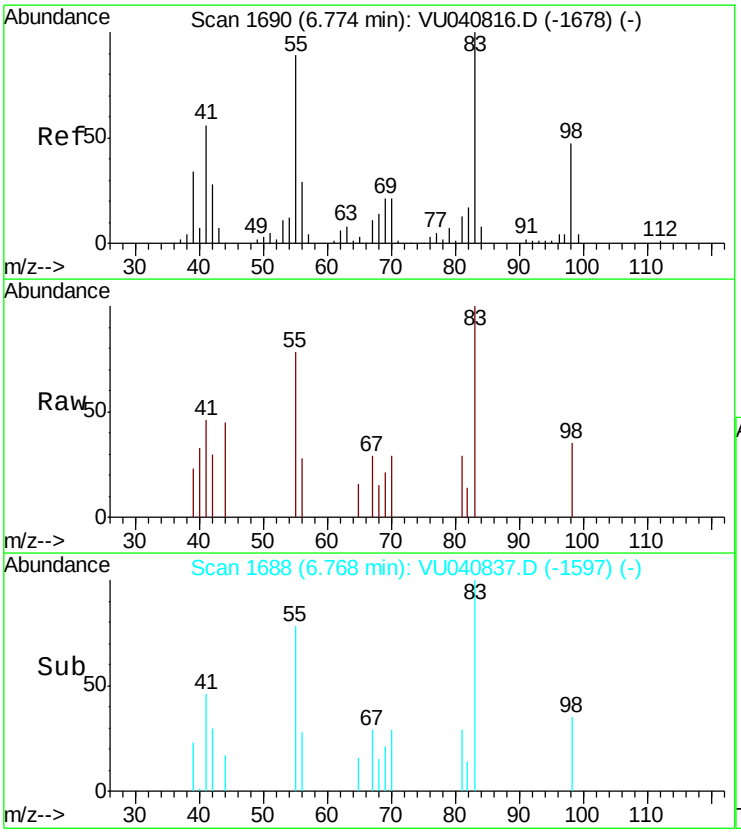
#34
Trichloroethene
Concen: 1.003 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 95 Resp: 9715

Ion	Ratio	Lower	Upper
95	100		
97	70.4	45.5	84.5
132	91.3	67.5	125.4
130	92.8	69.9	129.9

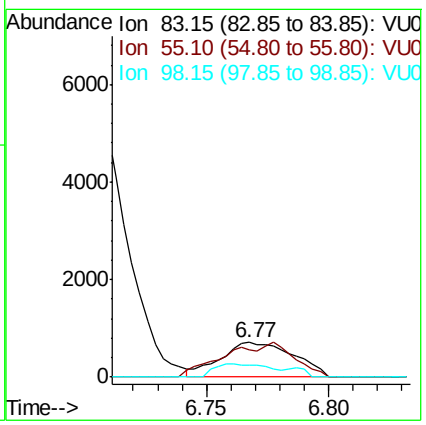


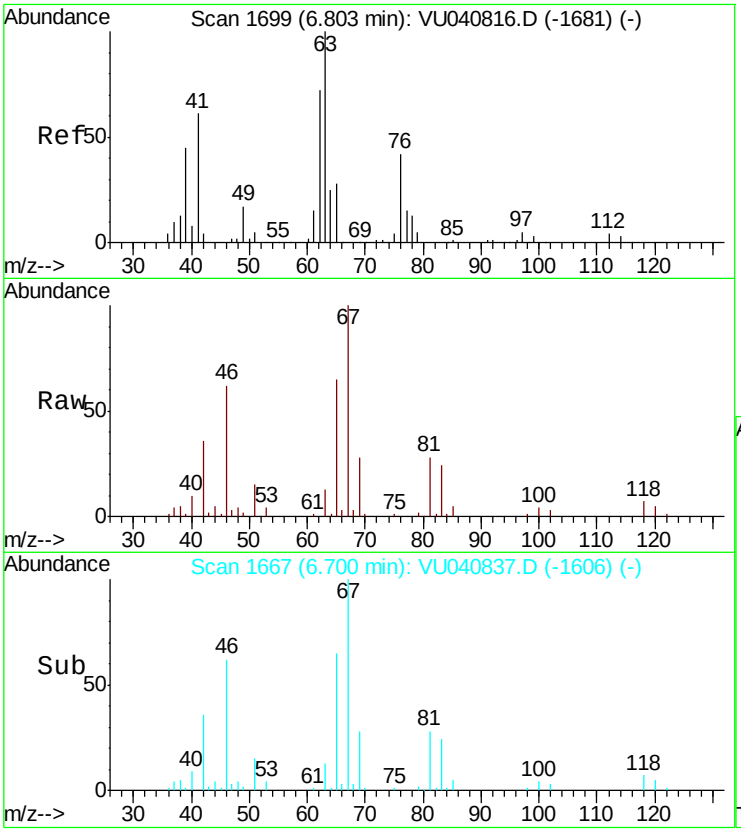


#35
Methylcyclohexane
Concen: 0.108 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 83 Resp: 1480

Ion	Ratio	Lower	Upper
83	100		
55	52.1	70.7	106.1#
98	28.5	38.4	57.6#



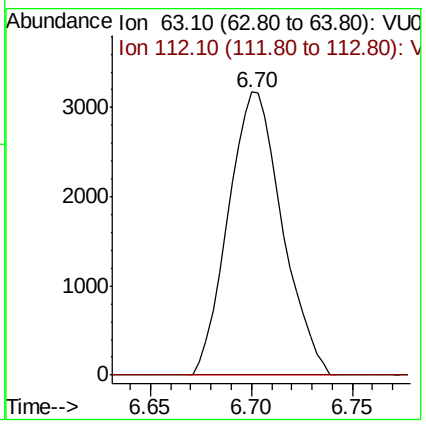


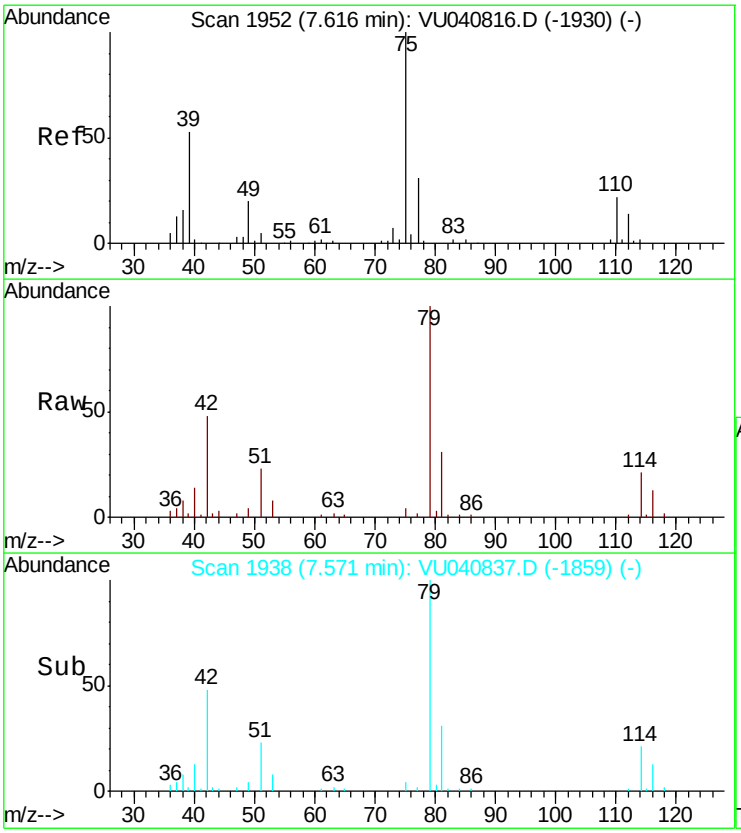
#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion: 63 Resp: 5933

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

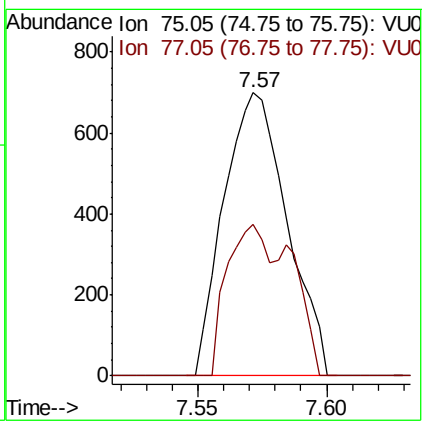


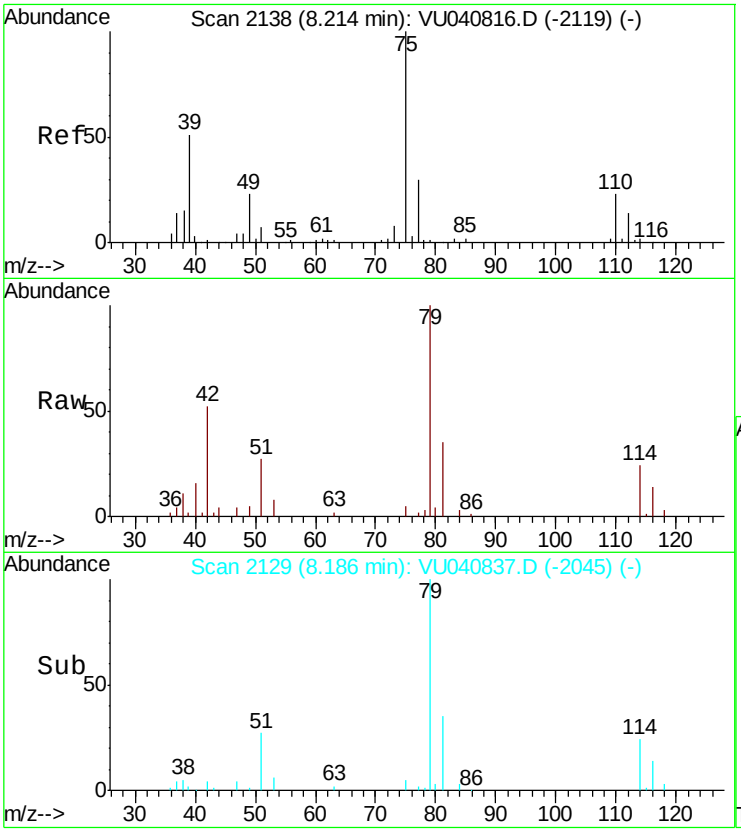


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion: 75 Resp: 1192

Ion	Ratio	Lower	Upper
75	100		
77	53.6	20.5	38.1#



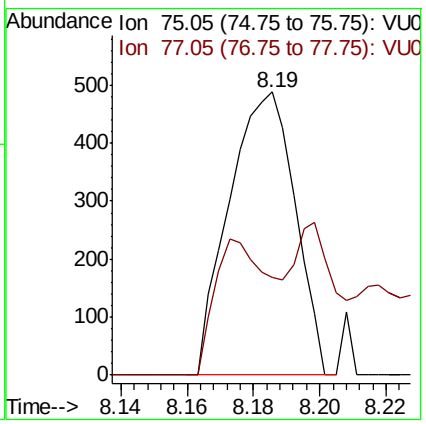


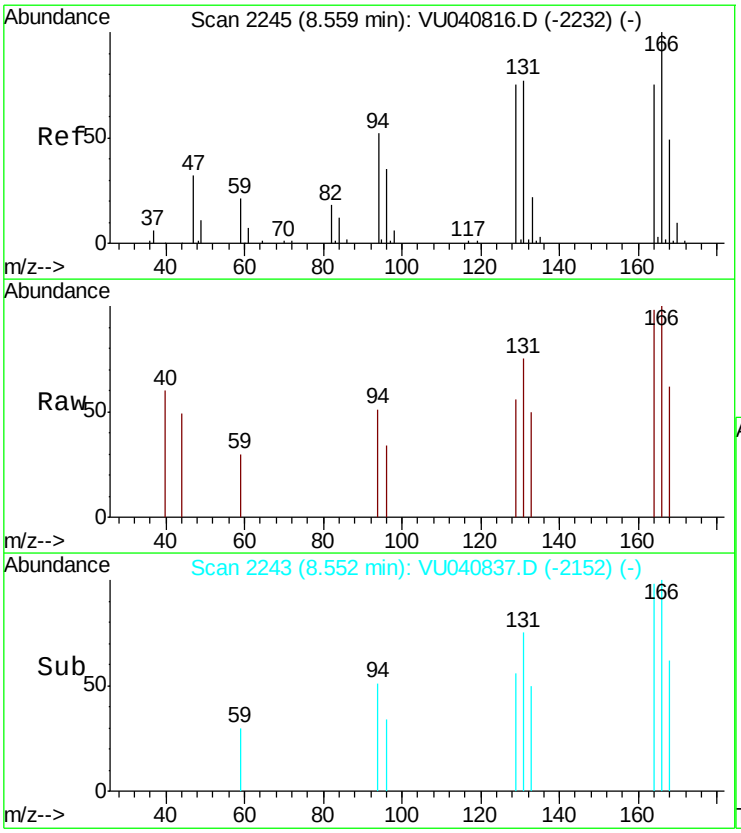
#44
trans-1,3-Dichloropropene
Concen: 0.051 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion: 75 Resp: 674

Ion	Ratio	Lower	Upper
75	100		
77	34.6	20.4	38.0

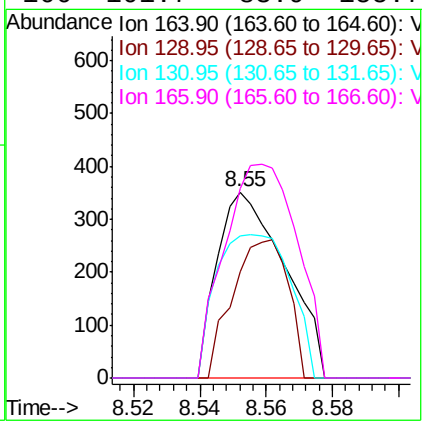


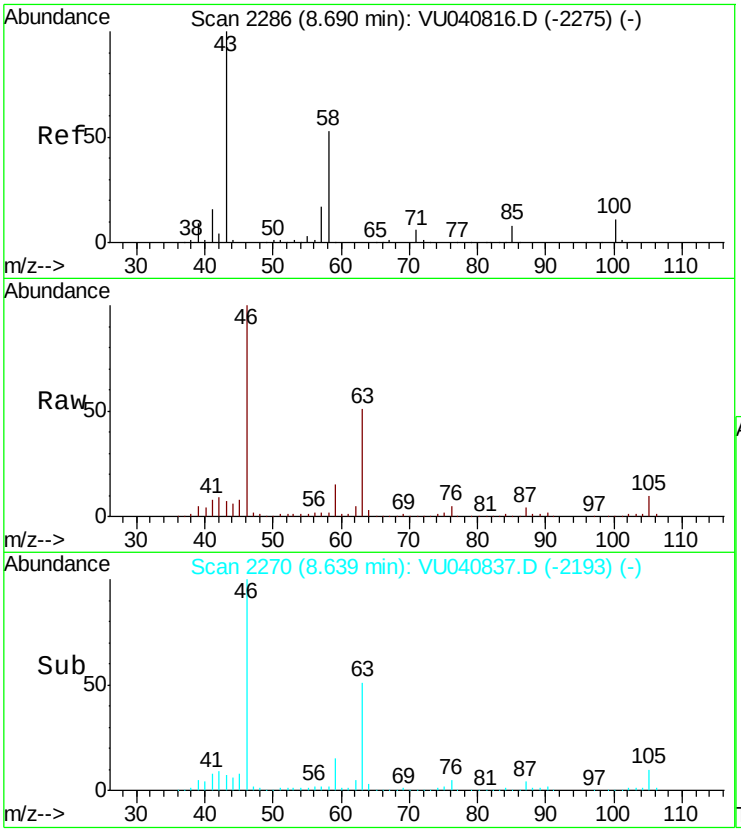


#47
Tetrachloroethene
Concen: 0.072 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.01 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion:164 Resp: 500

Ion	Ratio	Lower	Upper
164	100		
129	57.3	68.8	127.8#
131	76.6	66.7	123.9
166	101.7	83.9	155.7



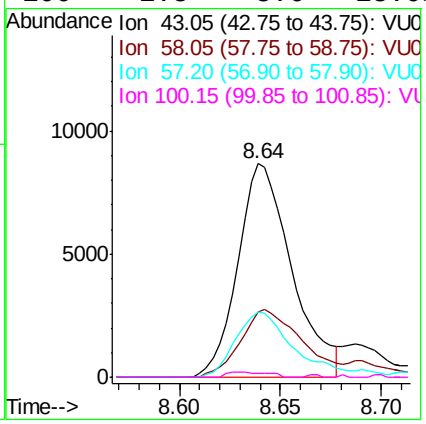


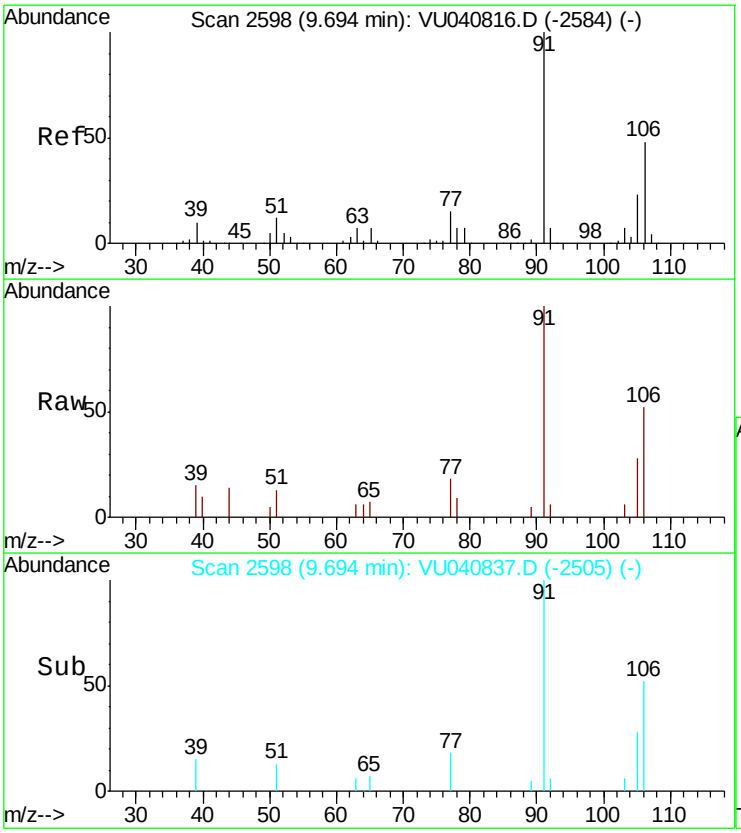
#48
2-Hexanone
Concen: 2.620 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument : MSVOA_U
ClientSampleId : ETZ34

Tgt Ion: 43 Resp: 16187

Ion	Ratio	Lower	Upper
43	100		
58	36.0	41.0	61.6#
57	32.4	14.4	21.6#
100	1.8	8.6	13.0#

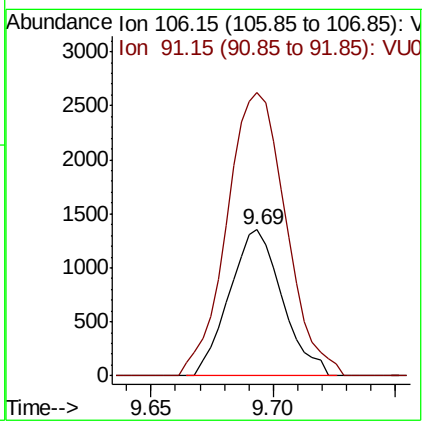


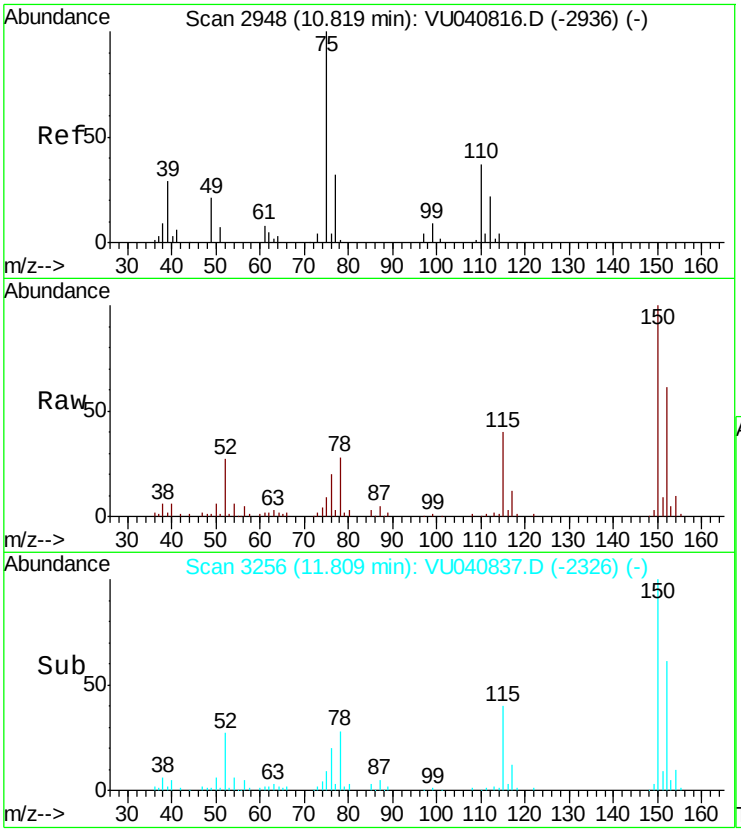


#53
m,p-Xylene
Concen: 0.135 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Tgt Ion:106 Resp: 2032

Ion	Ratio	Lower	Upper
106	100		
91	193.9	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040837.D
Acq: 20 Oct 2020 04:28

Instrument :
MSVOA_U
ClientSampleId :
ETZ34

Tgt Ion: 75 Resp: 6721

Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.4	39.6