Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040862.D
Acq On : 20 Oct 2020 21:02
Operator : SY/MD
Sample : L4428-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ53

Quant Time: Oct 21 00:01:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40513	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.92	69	35807	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.58	63	63275	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	4.65	46	167443	59.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.10%			
24) Chloroform-d	5.08	84	89860	5.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54050	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.20%			
32) Benzene-d6	5.74	84	157844	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.70	67	53045	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.91	98	125480	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.19	79	20439	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.64	63	114934	51.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50430	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	52381	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	3653	0.403	ug/L #	80
5) Vinyl chloride	1.61	62	6969	0.730	ug/L #	1
8) Chloroethane	1.95	64	381	0.063	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	445	0.050	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	760	0.100	ug/L #	1
13) Acetone	2.66	43	4110	1.870	ug/L	88
14) Carbon disulfide	2.81	76	1501	0.070	ug/L #	75
18) trans-1,2-Dichloroethene	3.37	96	4201	0.526	ug/L #	78
22) cis-1,2-Dichloroethene	4.69	96	202419	23.501	ug/L	96
27) 1,2-Dichloroethane	5.81	62	760	0.064	ug/L #	77
30) Cyclohexane	5.40	56	3731	0.266	ug/L	98
33) Benzene	5.78	78	2628	0.072	ug/L	100
34) Trichloroethene	6.56	95	3143	0.334	ug/L	86
35) Methylcyclohexane	6.78	83	648	0.048	ug/L #	73
37) 1,2-Dichloropropane	6.70	63	6393	0.631	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1387	0.100	ug/L #	43
44) trans-1,3-Dichloropropene	8.18	75	1047	0.082	ug/L #	67

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040862.D
Acq On : 20 Oct 2020 21:02
Operator : SY/MD
Sample : L4428-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ53

Quant Time: Oct 21 00:01:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	1111	0.165	ug/L		91
49) Dibromochloromethane	8.56	129	1068	0.122	ug/L	#	9
53) m,p-Xylene	9.69	106	2009	0.137	ug/L		99
59) 1,2,3-Trichloropropane	11.80	75	6223	0.836	ug/L	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040862.D
Acq On : 20 Oct 2020 21:02
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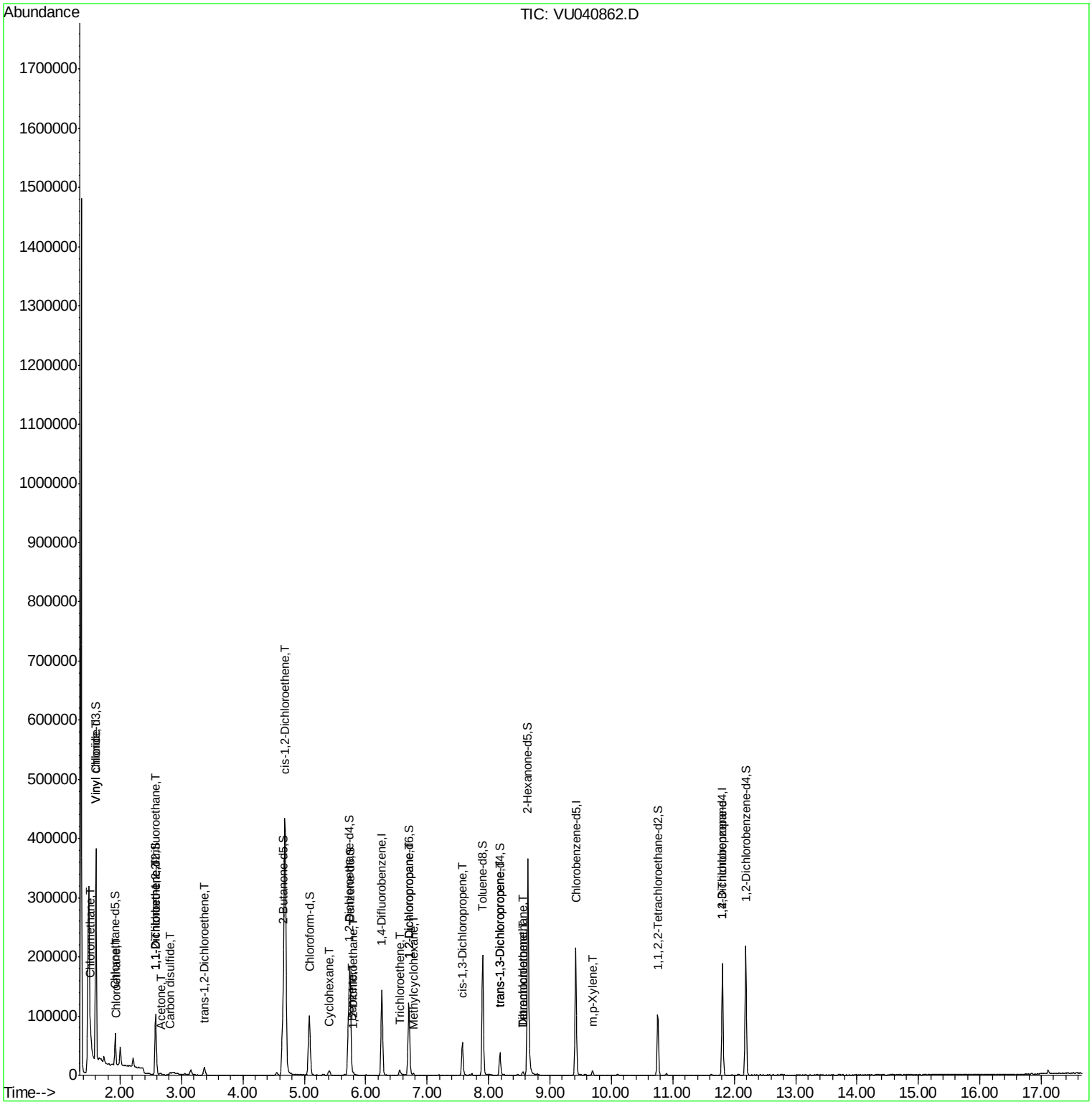
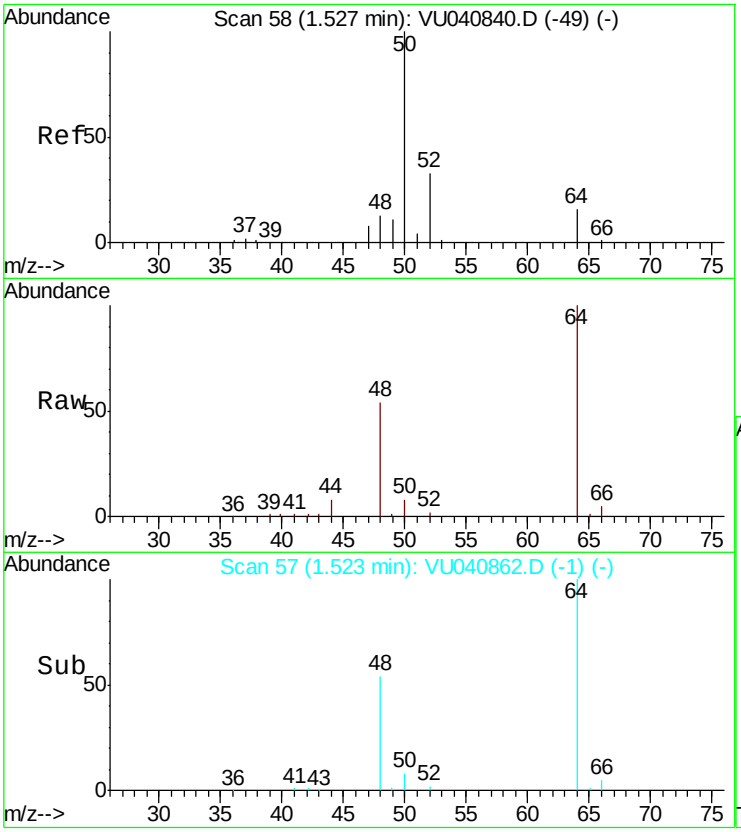


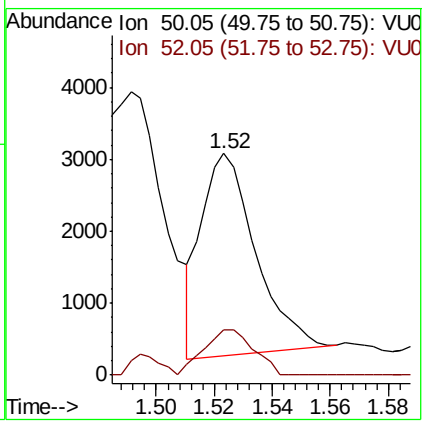


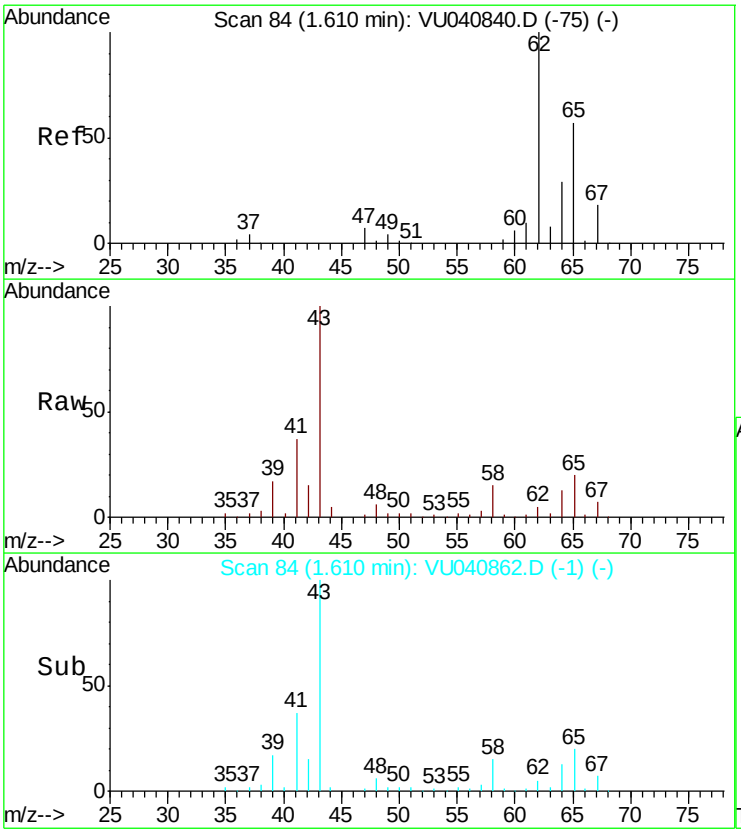
#3
Chloromethane
Concen: 0.403 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 50 Resp: 3653

Ion	Ratio	Lower	Upper
50	100		
52	20.2	21.9	40.7#

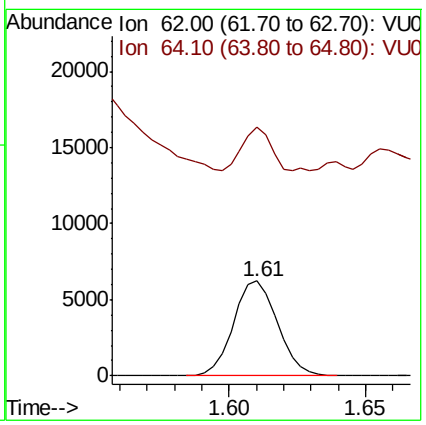


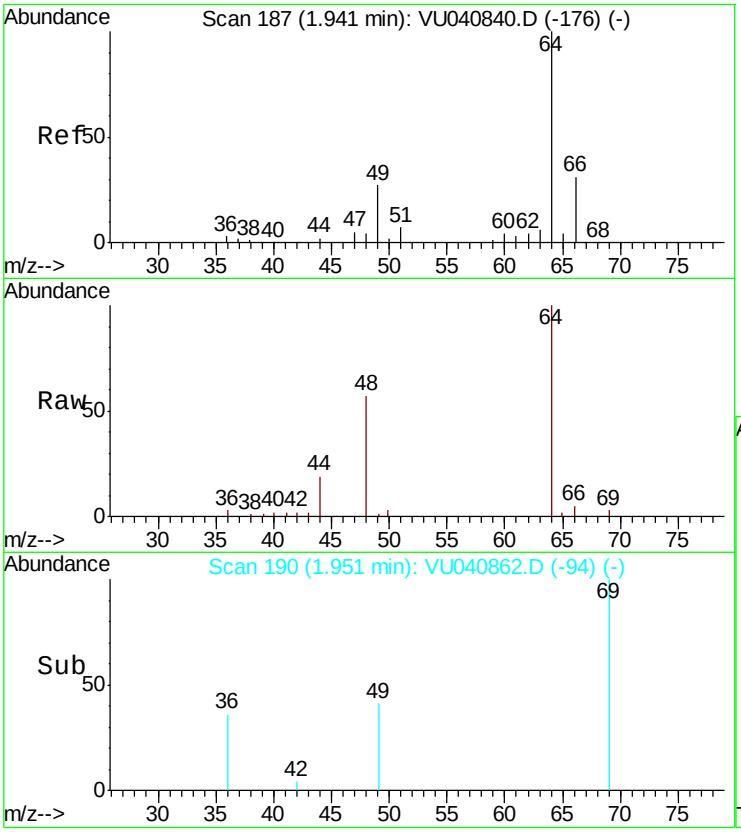


#5
Vinyl chloride
Concen: 0.730 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 62 Resp: 6969

Ion	Ratio	Lower	Upper
62	100		
64	262.3	23.7	44.1#



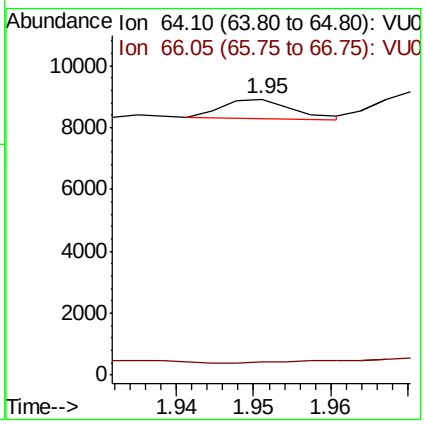


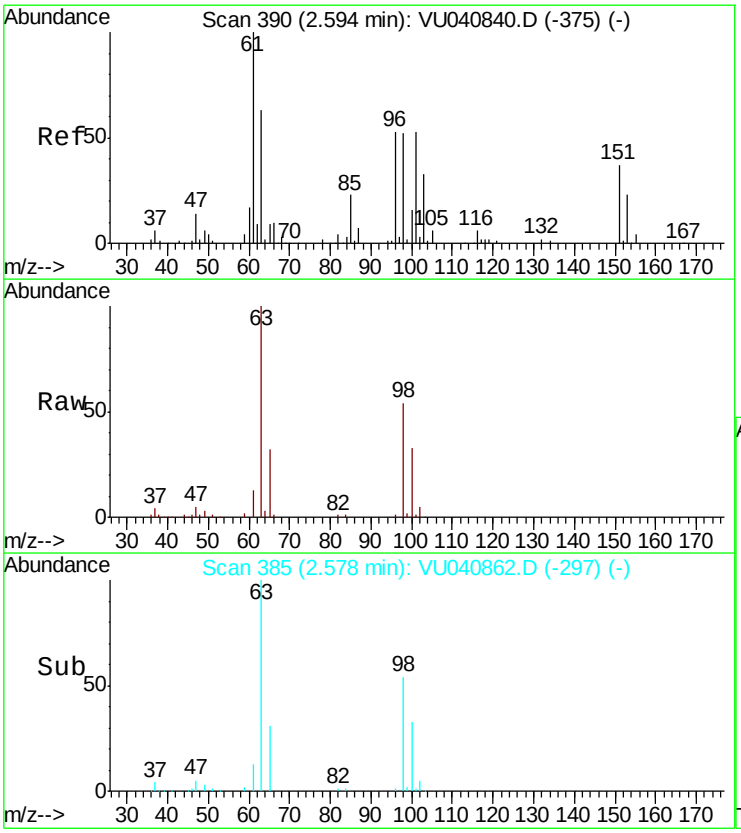
#8
Chloroethane
Concen: 0.063 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument : MSVOA_U
ClientSampleId : ETZ53

Tgt Ion: 64 Resp: 381

Ion	Ratio	Lower	Upper
64	100		
66	4.7	23.3	43.3#

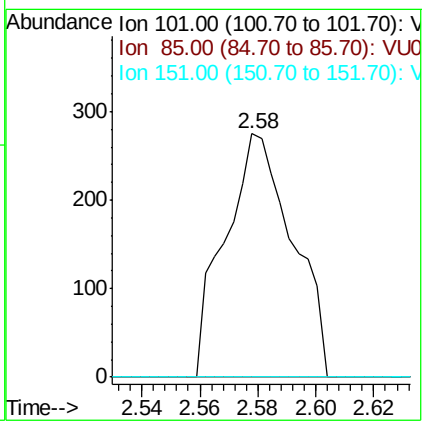


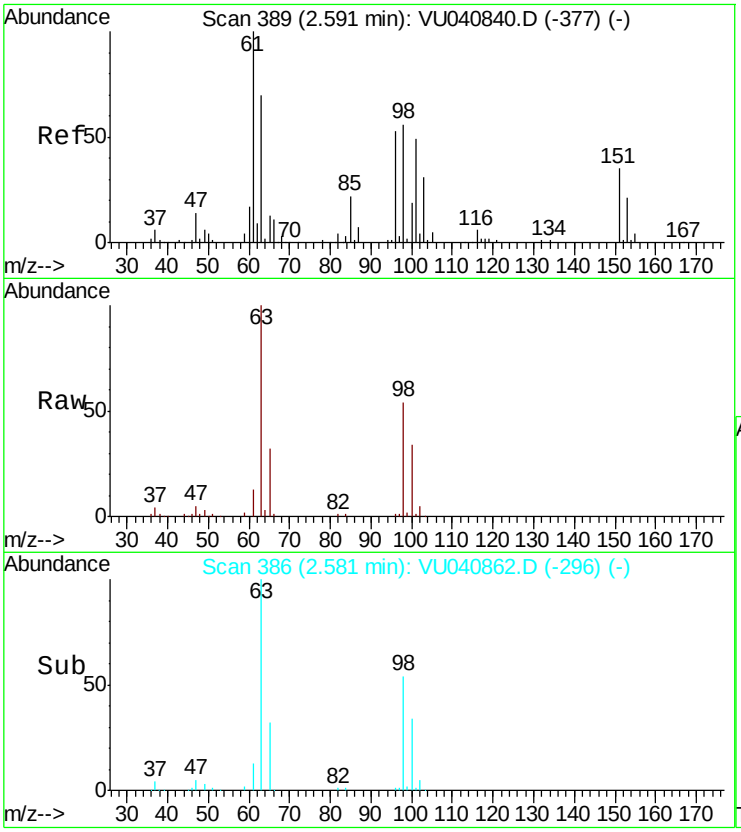


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion:101 Resp: 445

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



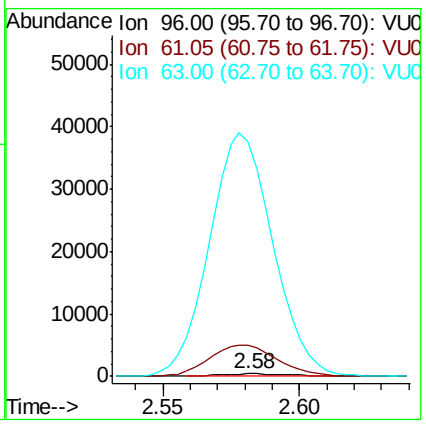


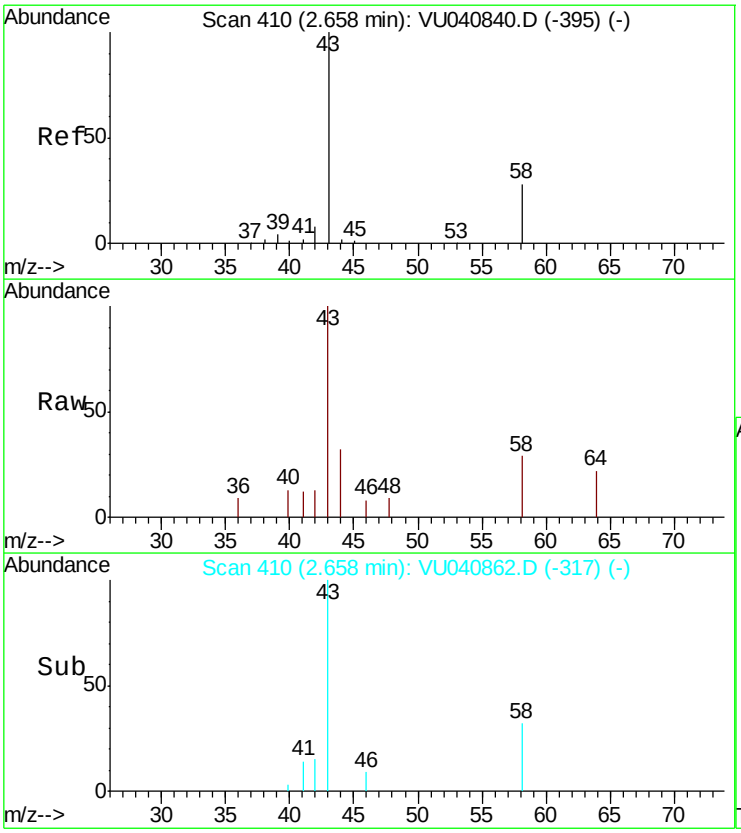
#12
1,1-Dichloroethene
Concen: 0.100 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument : MSVOA_U
ClientSampleId : ETZ53

Tgt Ion: 96 Resp: 760

Ion	Ratio	Lower	Upper
96	100		
61	1267.8	128.8	239.2#
63	9709.3	84.6	157.2#

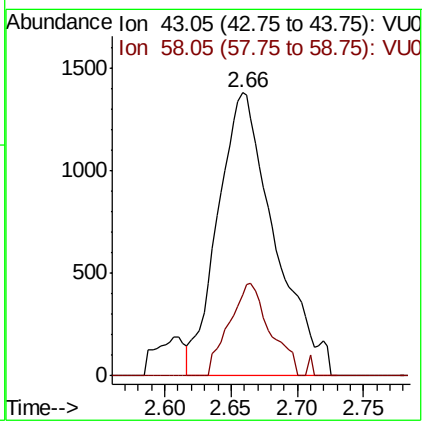


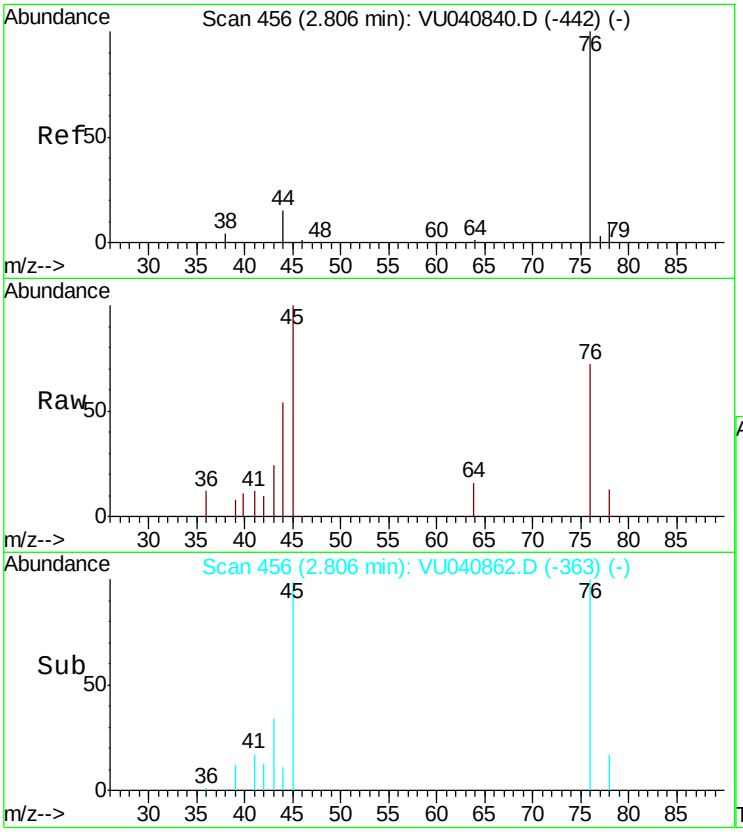


#13
Acetone
Concen: 1.870 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 43 Resp: 4110

Ion	Ratio	Lower	Upper
43	100		
58	23.6	0.0	60.6



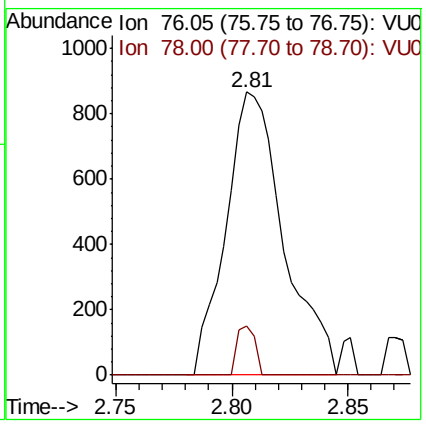


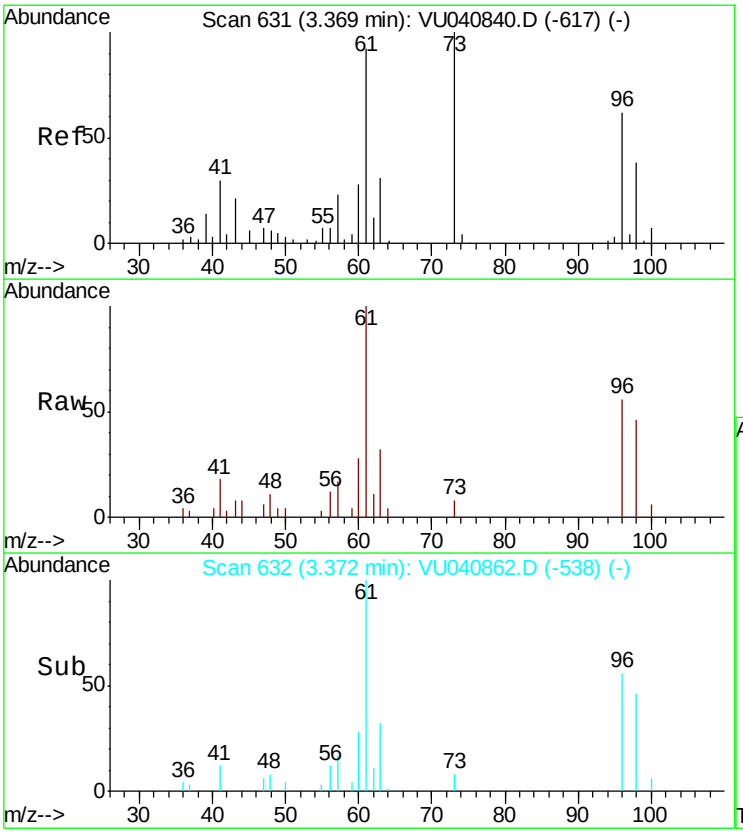
#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 76 Resp: 1501

Ion	Ratio	Lower	Upper
76	100		
78	17.3	6.8	10.2#

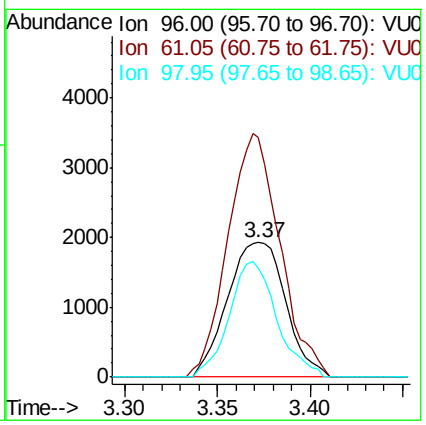


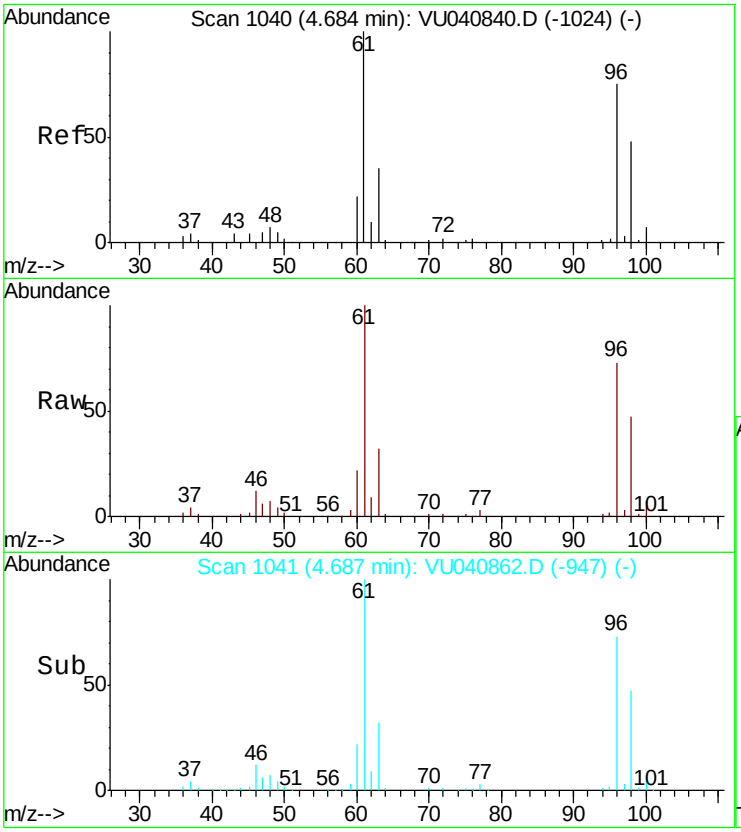


#18
trans-1,2-Dichloroethene
Concen: 0.526 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 96 Resp: 4201

Ion	Ratio	Lower	Upper
96	100		
61	178.6	105.9	196.7
98	81.4	43.8	81.3#



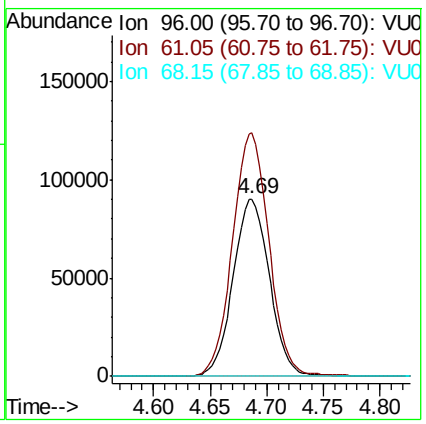


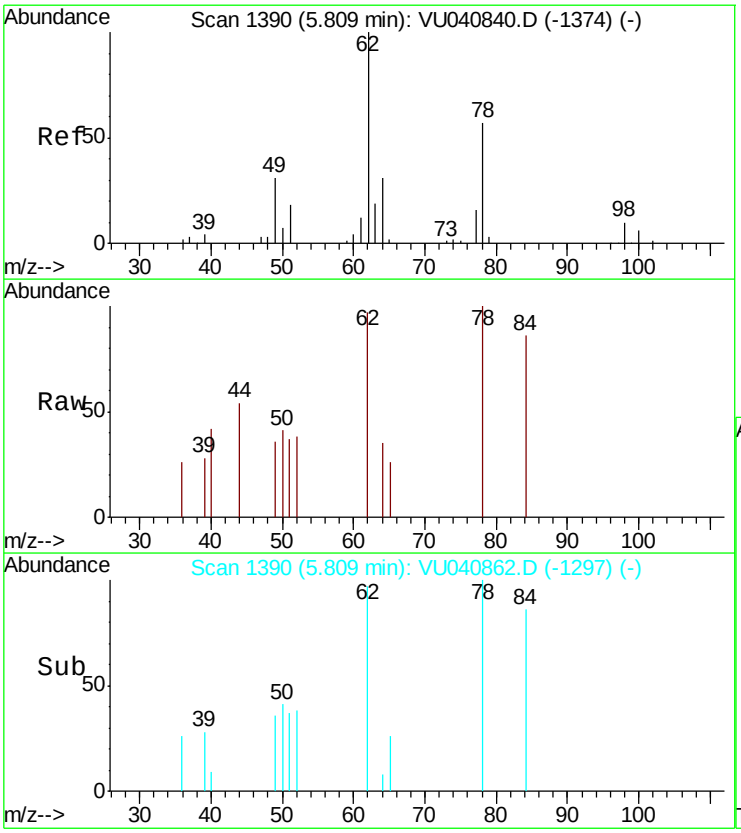
#22
cis-1,2-Dichloroethene
Concen: 23.501 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument : MSVOA_U
ClientSampleId : ETZ53

Tgt Ion: 96 Resp: 202419

Ion	Ratio	Lower	Upper
96	100		
61	137.4	99.8	185.4
68	0.0	0.0	0.0

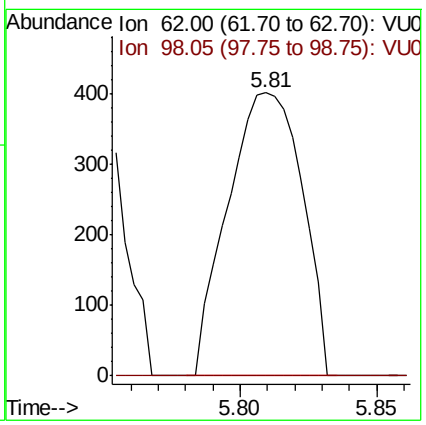


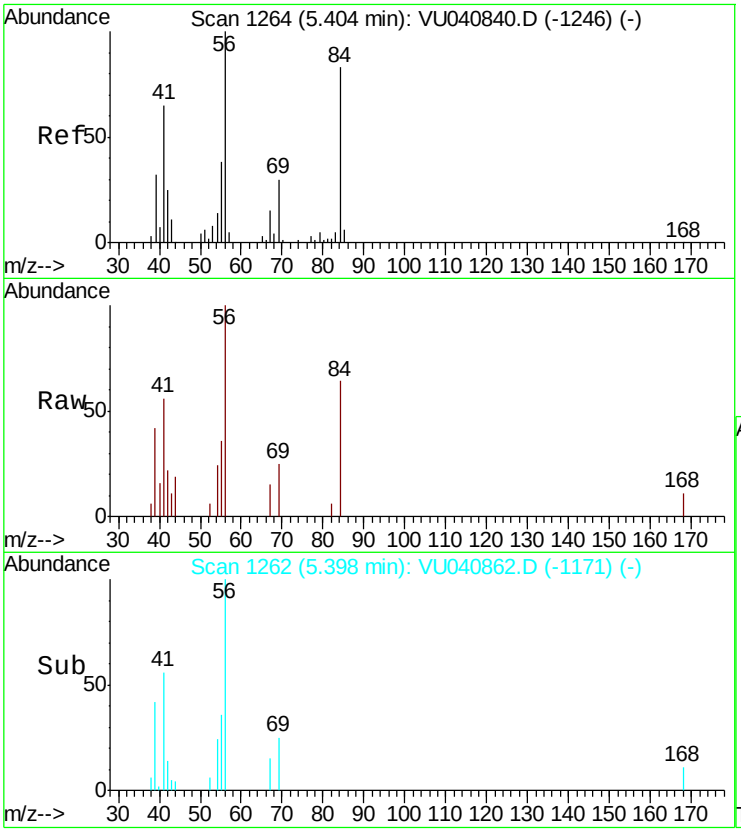


#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 62 Resp: 760

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



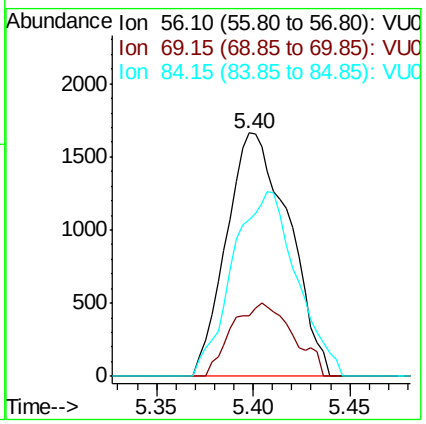


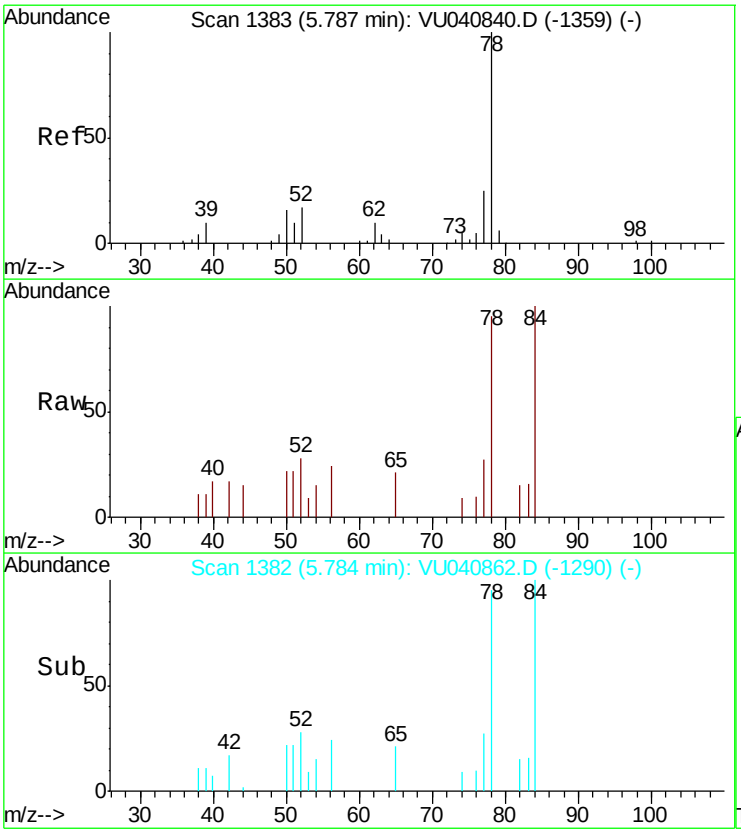
#30
Cyclohexane
Concen: 0.266 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 56 Resp: 3731

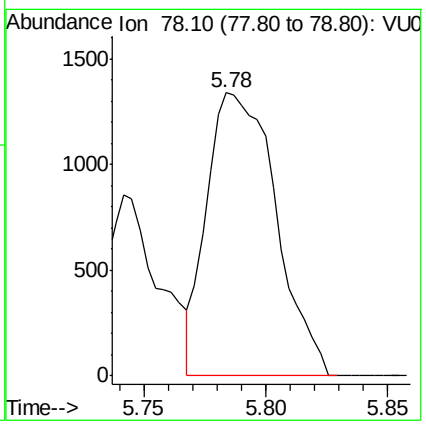
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.8	35.8
84	77.7	64.0	96.0

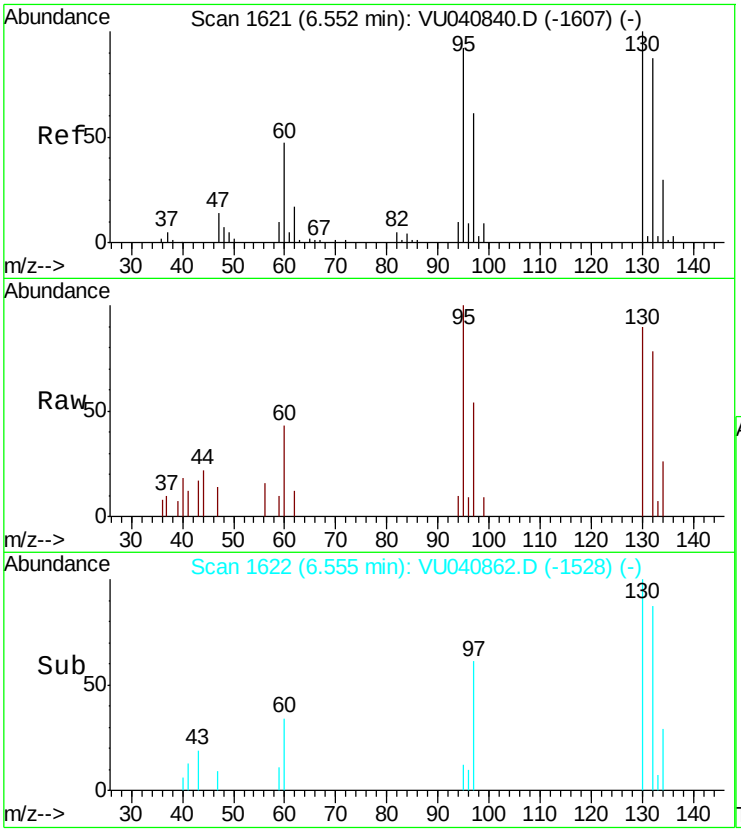




#33
Benzene
Concen: 0.072 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 78 Resp: 2628



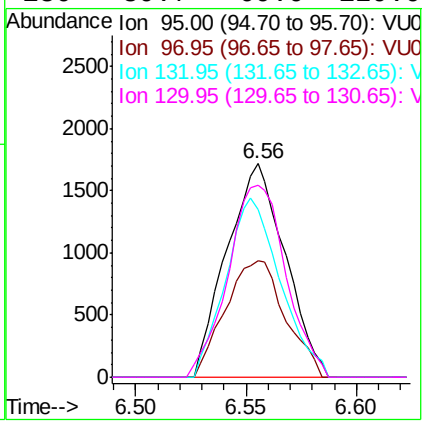


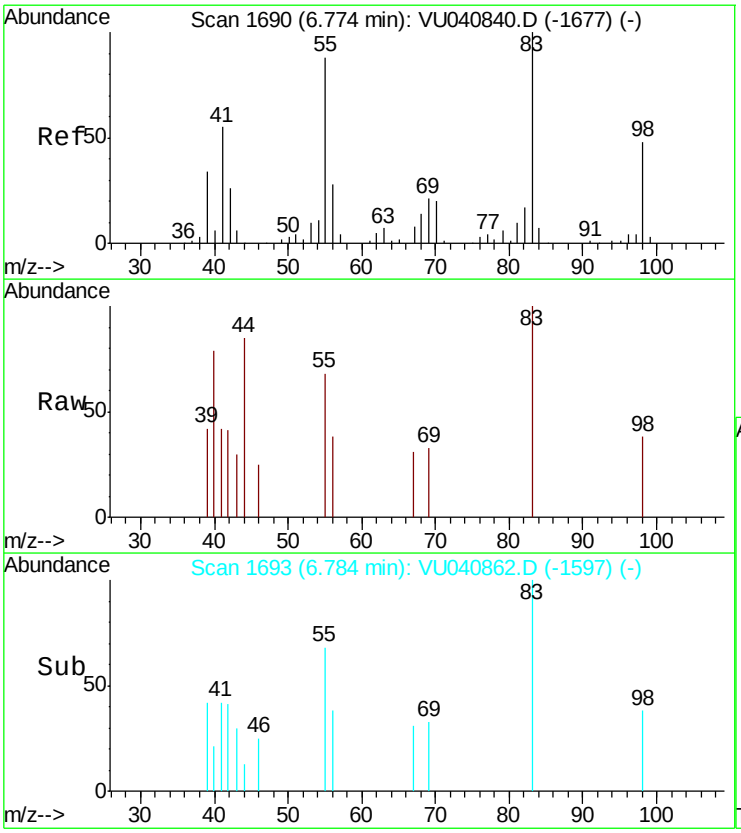
#34
Trichloroethene
Concen: 0.334 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 95 Resp: 3143

Ion	Ratio	Lower	Upper
95	100		
97	54.3	45.5	84.5
132	78.4	67.5	125.4
130	89.7	69.9	129.9

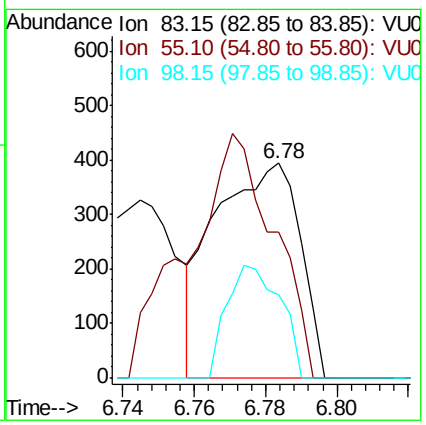


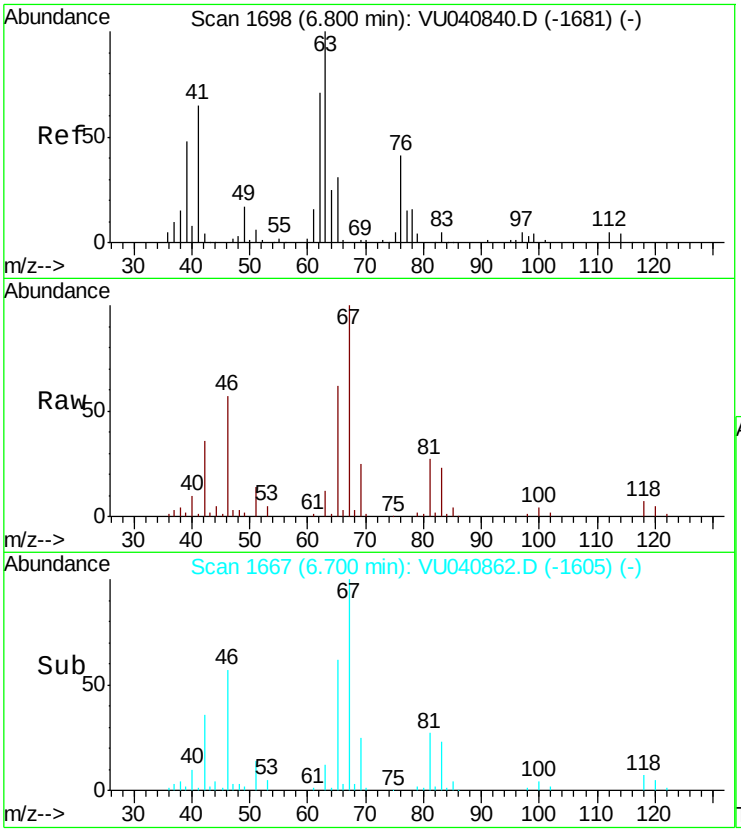


#35
Methylcyclohexane
Concen: 0.048 ug/L
RT: 6.78 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 83 Resp: 648

Ion	Ratio	Lower	Upper
83	100		
55	115.6	70.7	106.1#
98	32.9	38.4	57.6#



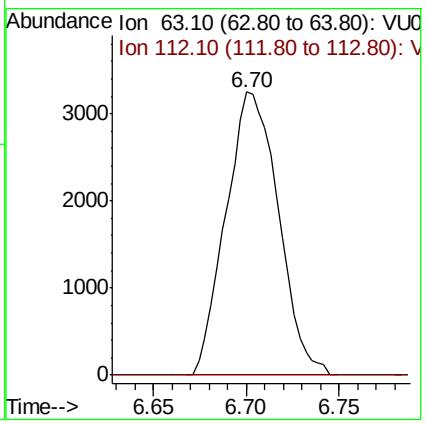


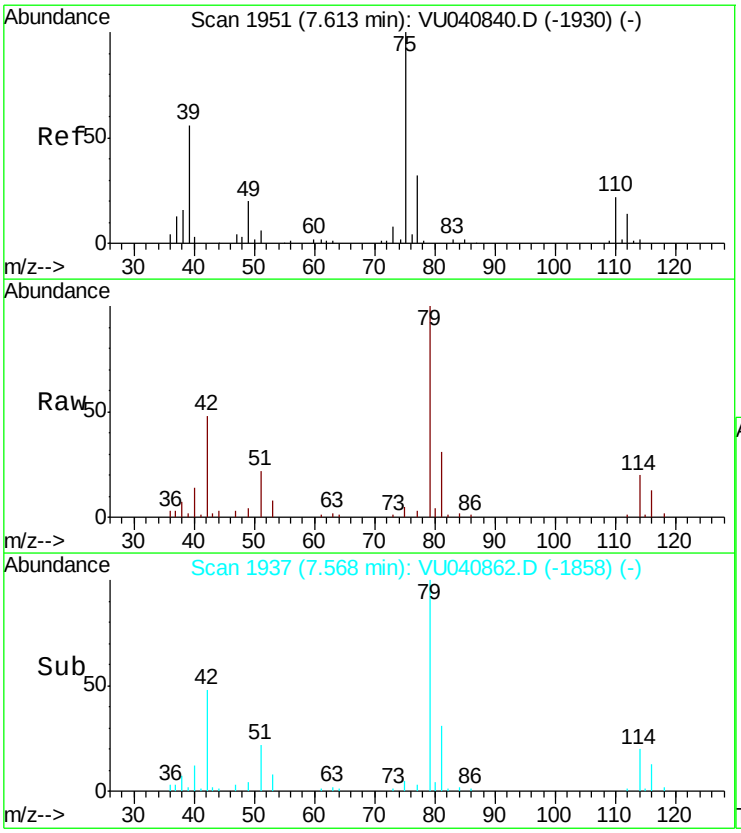
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 63 Resp: 6393

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

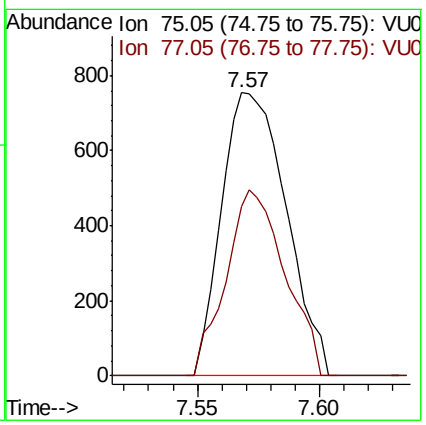


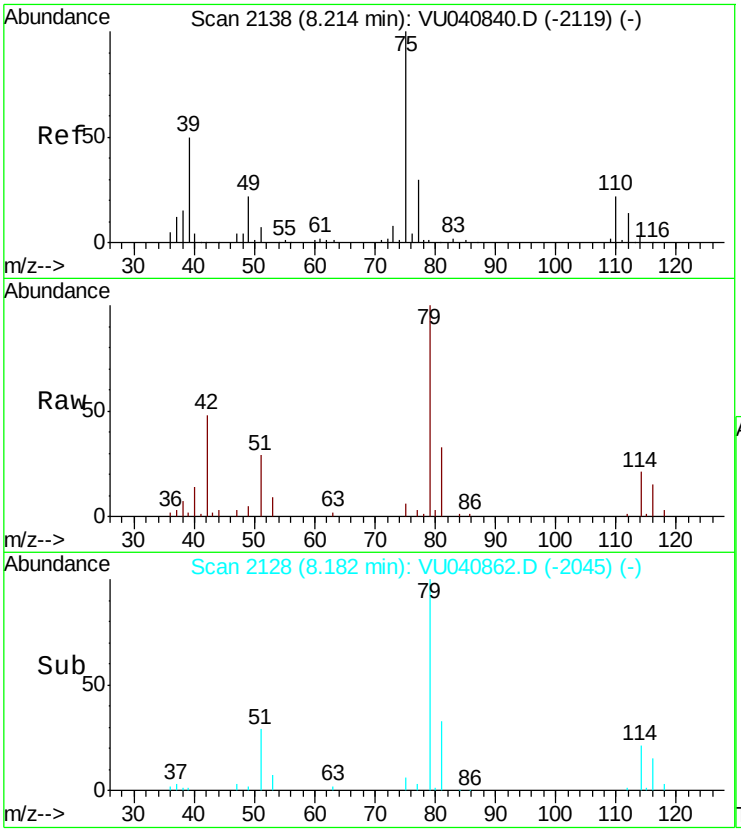


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion: 75 Resp: 1387

Ion	Ratio	Lower	Upper
75	100		
77	59.7	20.5	38.1#



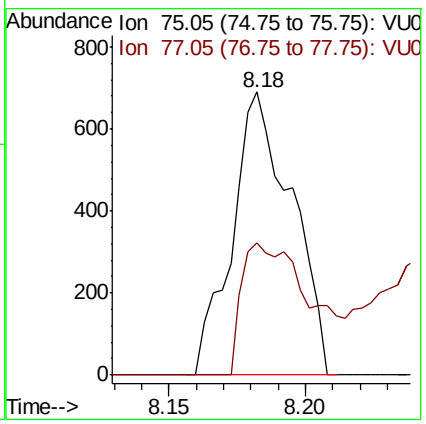


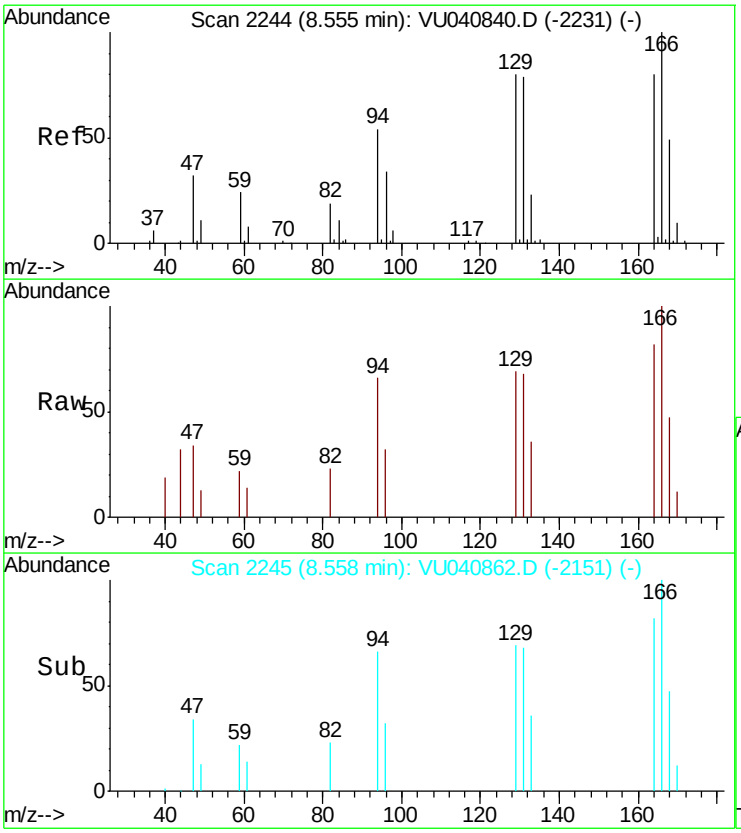
#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument : MSVOA_U
ClientSampleId : ETZ53

Tgt Ion: 75 Resp: 1047

Ion	Ratio	Lower	Upper
75	100		
77	47.0	20.4	38.0#

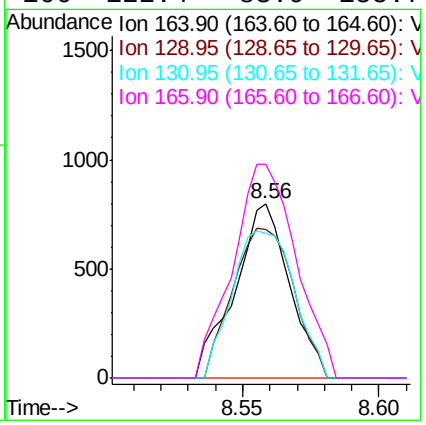


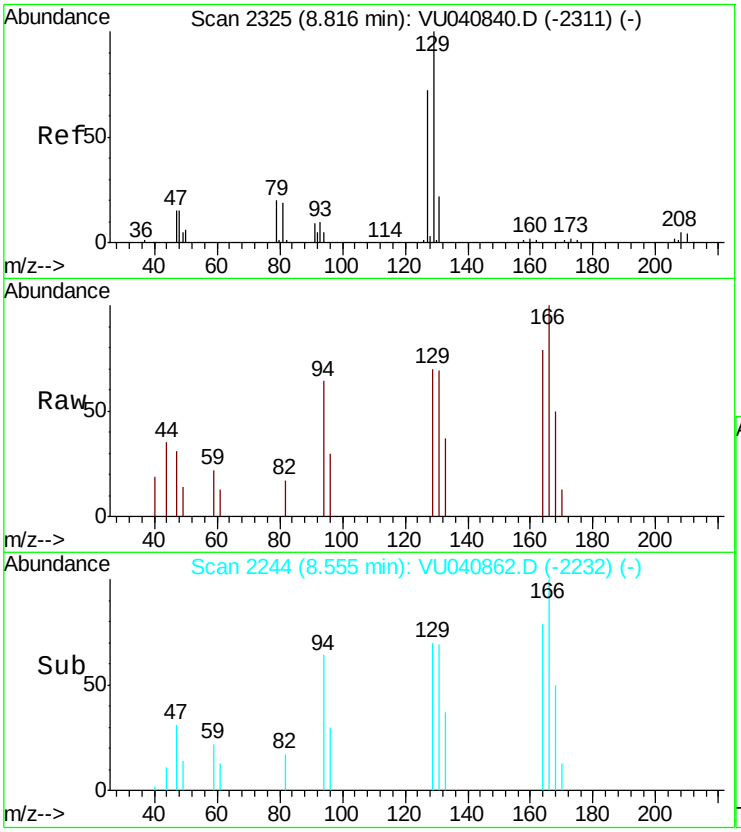


#47
Tetrachloroethene
Concen: 0.165 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion:164 Resp: 1111

Ion	Ratio	Lower	Upper
164	100		
129	84.9	68.8	127.8
131	83.0	66.7	123.9
166	122.4	83.9	155.7



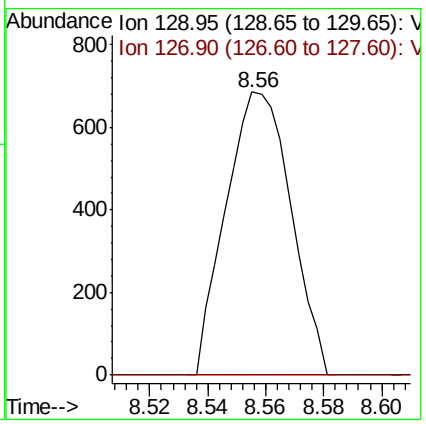


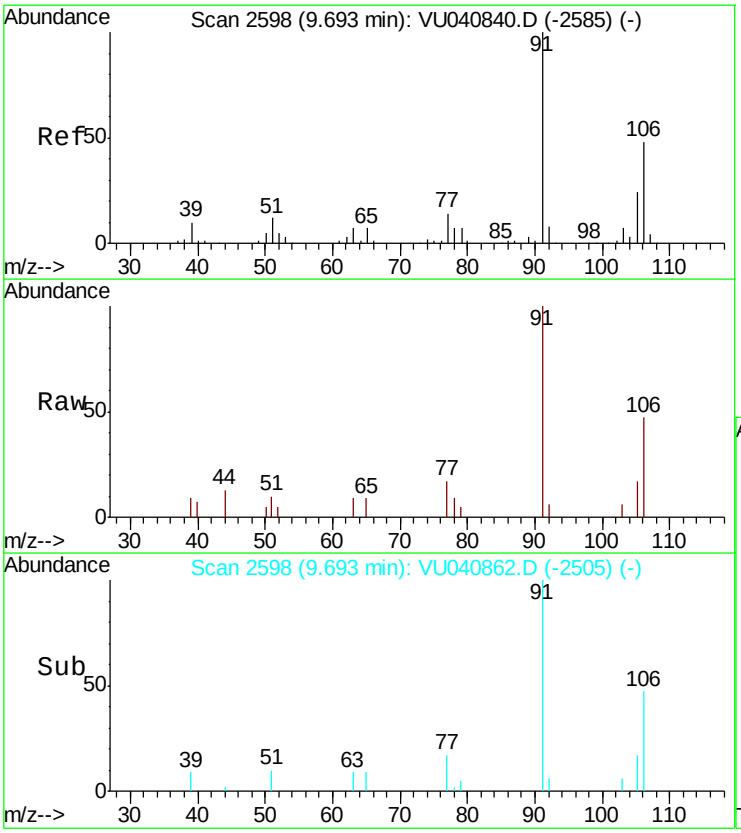
#49
Dibromochloromethane
Concen: 0.122 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument : MSVOA_U
ClientSampleId : ETZ53

Tgt Ion:129 Resp: 1068

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

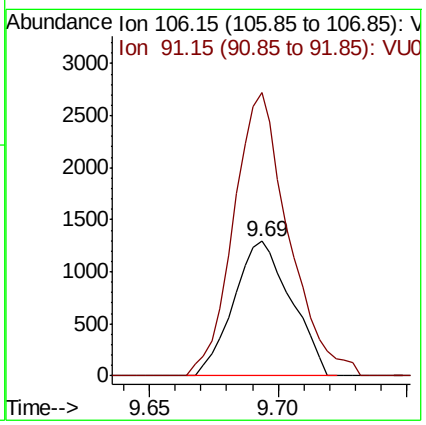


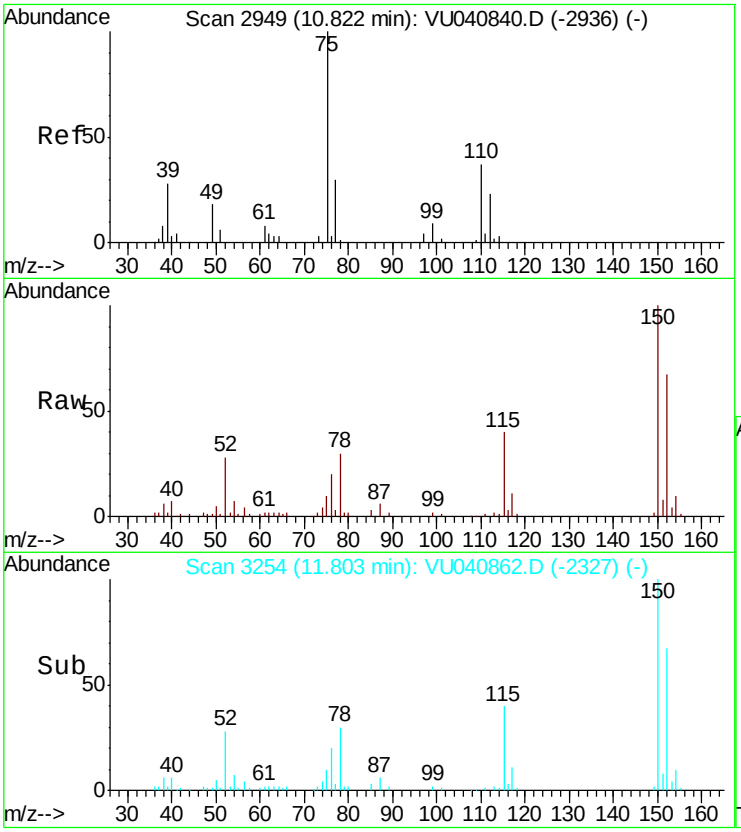


#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Tgt Ion:106 Resp: 2009

Ion	Ratio	Lower	Upper
106	100		
91	210.8	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.836 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU040862.D
Acq: 20 Oct 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
ETZ53

Tgt Ion: 75 Resp: 6223

Ion	Ratio	Lower	Upper
75	100		
77	40.4	26.4	39.6#