Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040779.D
Acq On : 17 Oct 2020 22:23
Operator : SY/MD
Sample : L4447-01
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:10:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51130	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31100	3.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.20%			
7) Chloroethane-d5	1.93	69	31326	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.58	63	53136	2.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.00%#			
20) 2-Butanone-d5	4.66	46	169410	54.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.18%			
24) Chloroform-d	5.08	84	80854	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.72	65	51465	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.75	84	139924	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	6.70	67	50872	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.91	98	104648	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.40%			
43) trans-1,3-Dichloropropene-	8.19	79	17593	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.64	63	116388	49.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46125	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45537	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1521	0.153	ug/L	98
5) Vinyl chloride	1.61	62	3981	0.381	ug/L #	20
8) Chloroethane	1.94	64	276	0.042	ug/L #	68
12) 1,1-Dichloroethene	2.59	96	1247	0.149	ug/L #	1
13) Acetone	2.68	43	11325	4.708	ug/L	68
15) Methyl Acetate	2.98	43	814	0.148	ug/L #	56
18) trans-1,2-Dichloroethene	3.37	96	1191	0.136	ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	178152	18.899	ug/L	96
27) 1,2-Dichloroethane	5.80	62	448	0.034	ug/L #	77
33) Benzene	5.80	78	983	0.025	ug/L	100
34) Trichloroethene	6.56	95	142453	14.088	ug/L	98
35) Methylcyclohexane	6.70	83	11973	0.835	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5890	0.542	ug/L #	87
42) Toluene	7.98	91	3491	0.088	ug/L	98
44) trans-1,3-Dichloropropene	8.19	75	719	0.053	ug/L #	53
45) 1,1,2-Trichloroethane	8.56	97	2087	0.256	ug/L #	1
47) Tetrachloroethene	8.56	164	218300	30.260	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040779.D
Acq On : 17 Oct 2020 22:23
Operator : SY/MD
Sample : L4447-01
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:10:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.64	43	19525	3.026	ug/L	#	74
49) Dibromochloromethane	8.56	129	214762	22.929	ug/L	#	9
53) m,p-Xylene	9.69	106	2018	0.129	ug/L		91
59) 1,2,3-Trichloropropane	11.81	75	6913	0.866	ug/L		90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040779.D
Acq On : 17 Oct 2020 22:23
Operator : SY/MD
Sample : L4447-01
Misc : 25.4mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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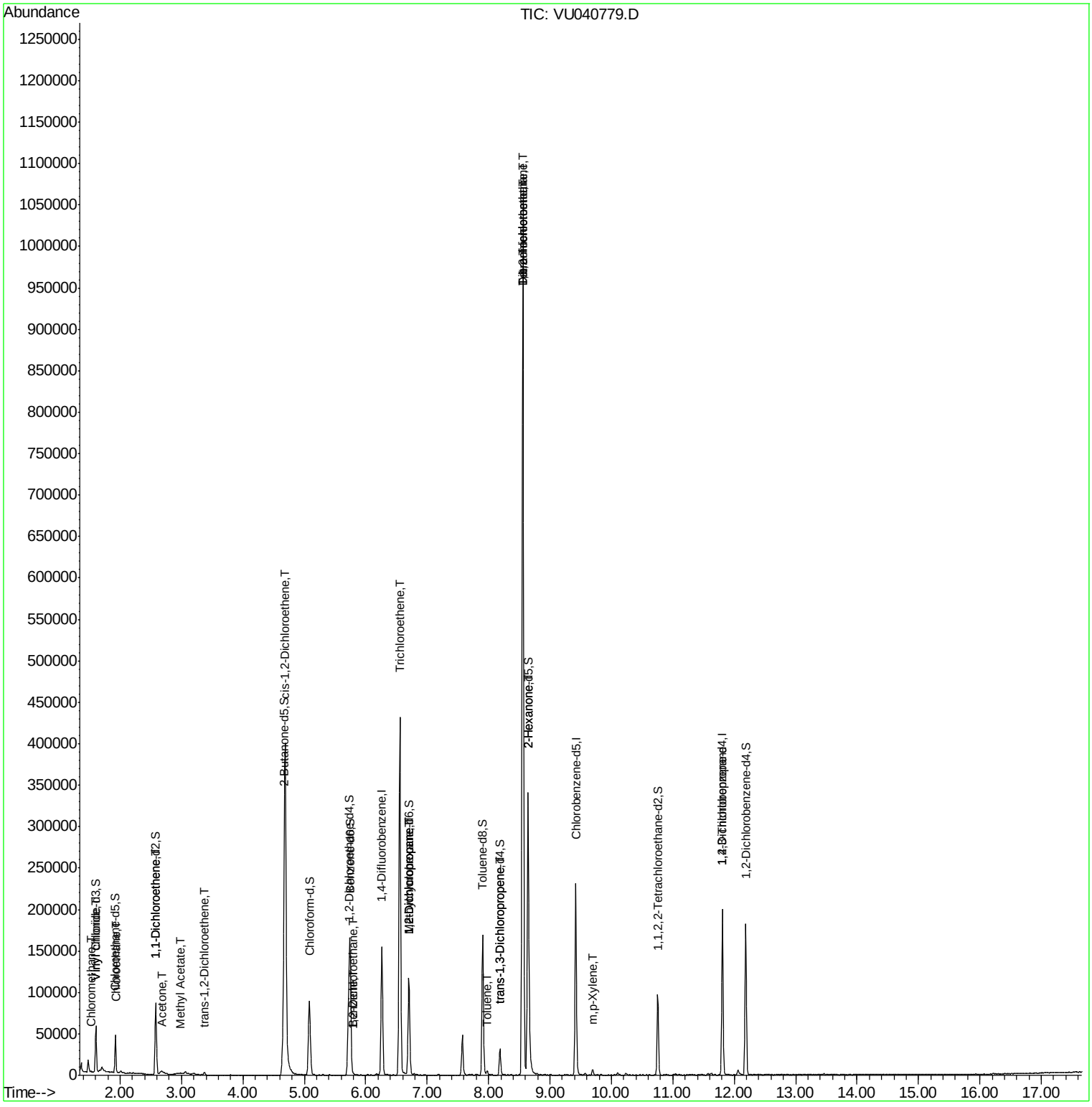
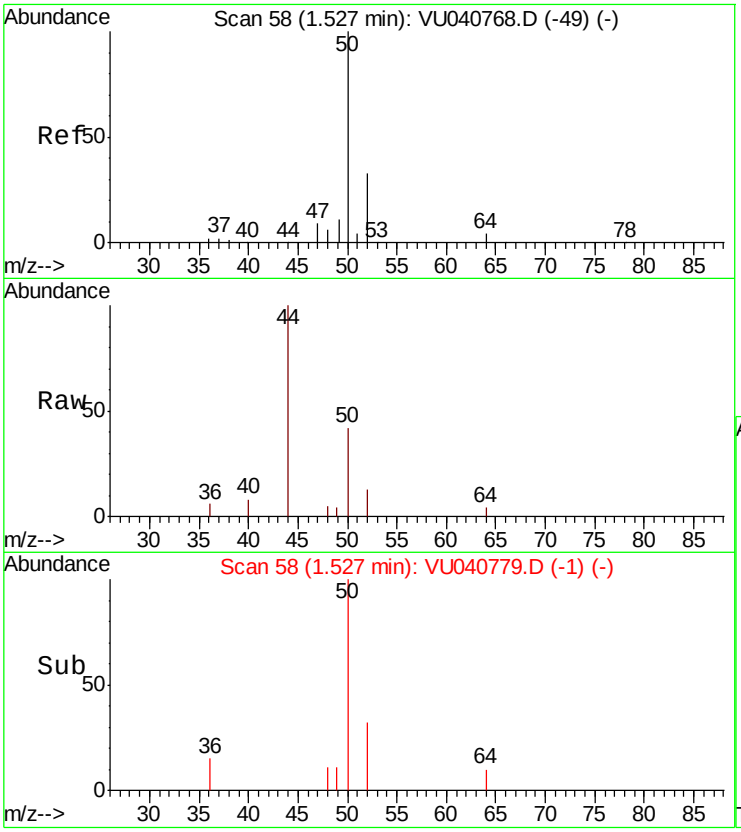
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



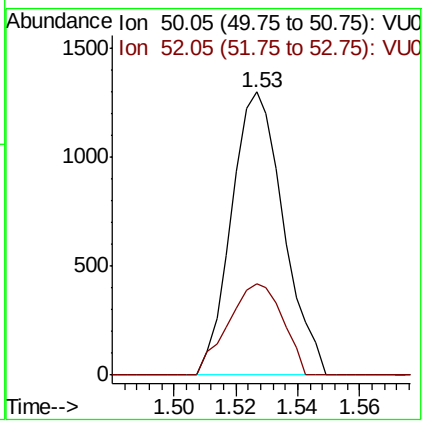


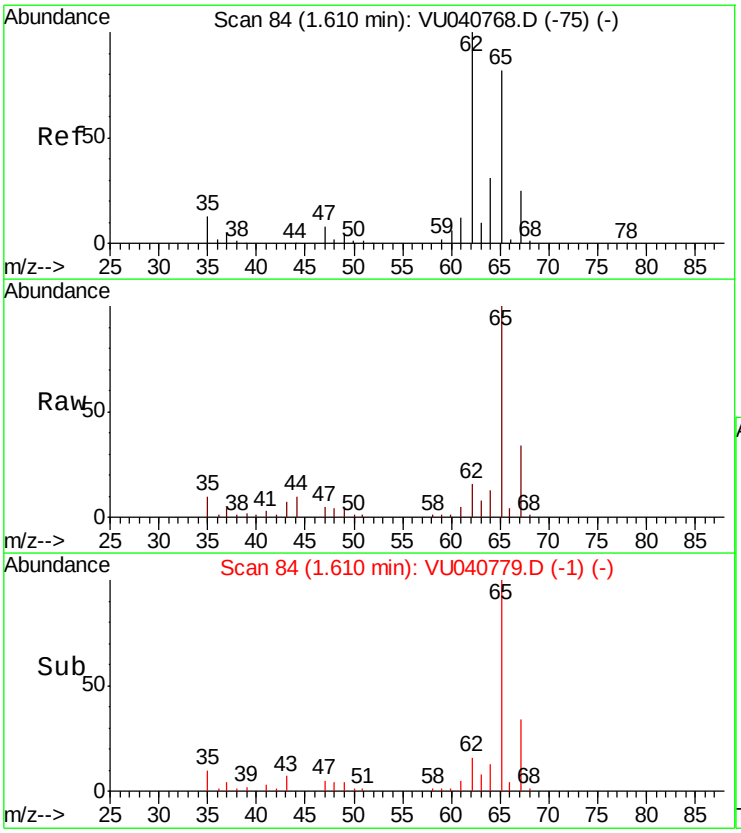
#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1521

Ion	Ratio	Lower	Upper
50	100		
52	32.3	21.9	40.7

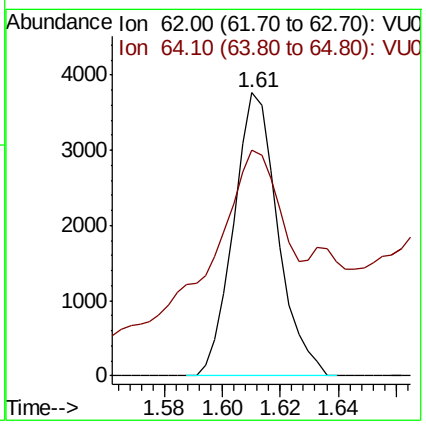


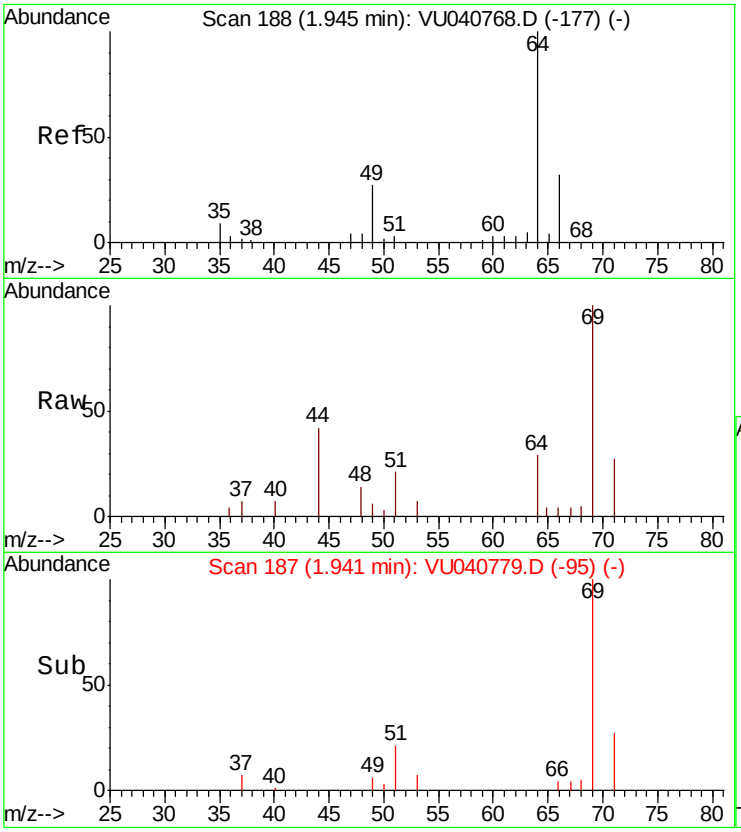


#5
Vinyl chloride
Concen: 0.381 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 62 Resp: 3981

Ion	Ratio	Lower	Upper
62	100		
64	79.6	23.7	44.1#



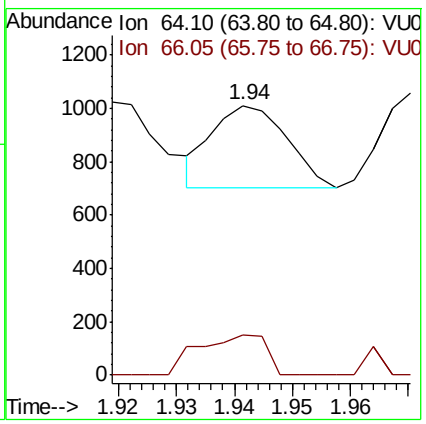


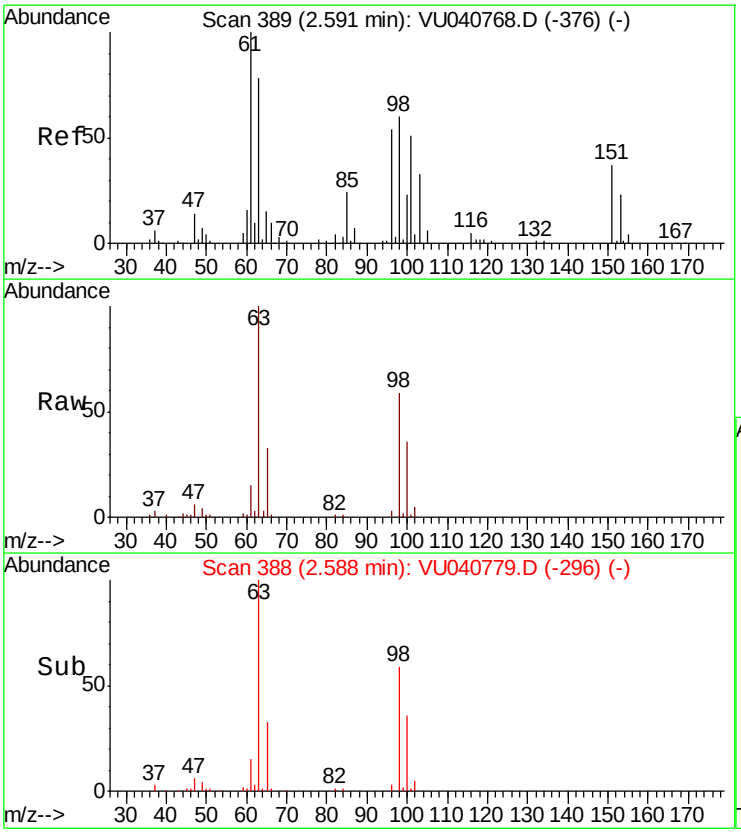
#8
Chloroethane
Concen: 0.042 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 276

Ion	Ratio	Lower	Upper
64	100		
66	15.0	23.3	43.3#

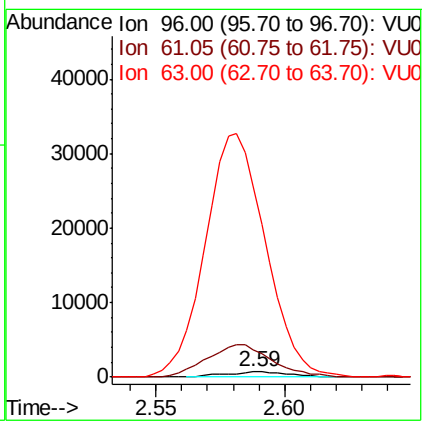


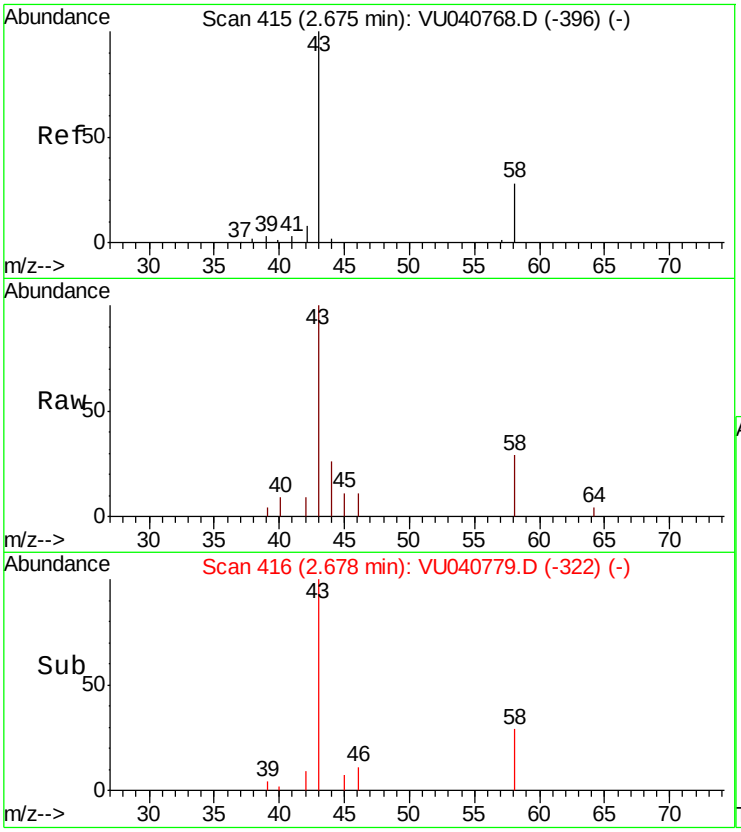


#12
1,1-Dichloroethene
Concen: 0.149 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 96 Resp: 1247

Ion	Ratio	Lower	Upper
96	100		
61	506.9	128.8	239.2#
63	3484.4	84.6	157.2#



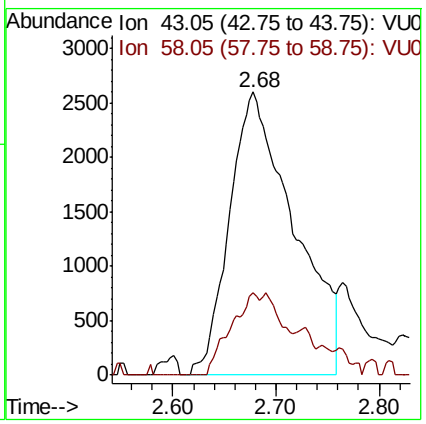


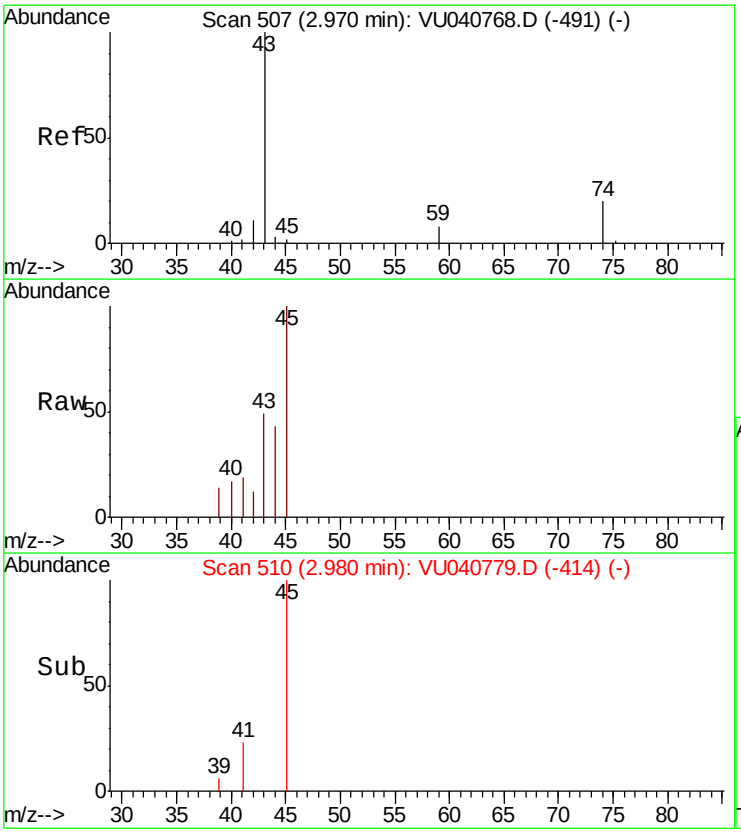
#13
Acetone
Concen: 4.708 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 11325

Ion	Ratio	Lower	Upper
43	100		
58	13.0	0.0	60.6

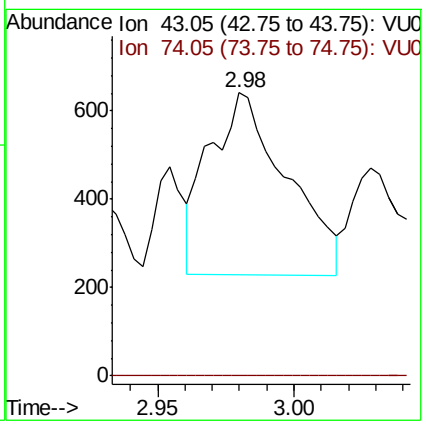


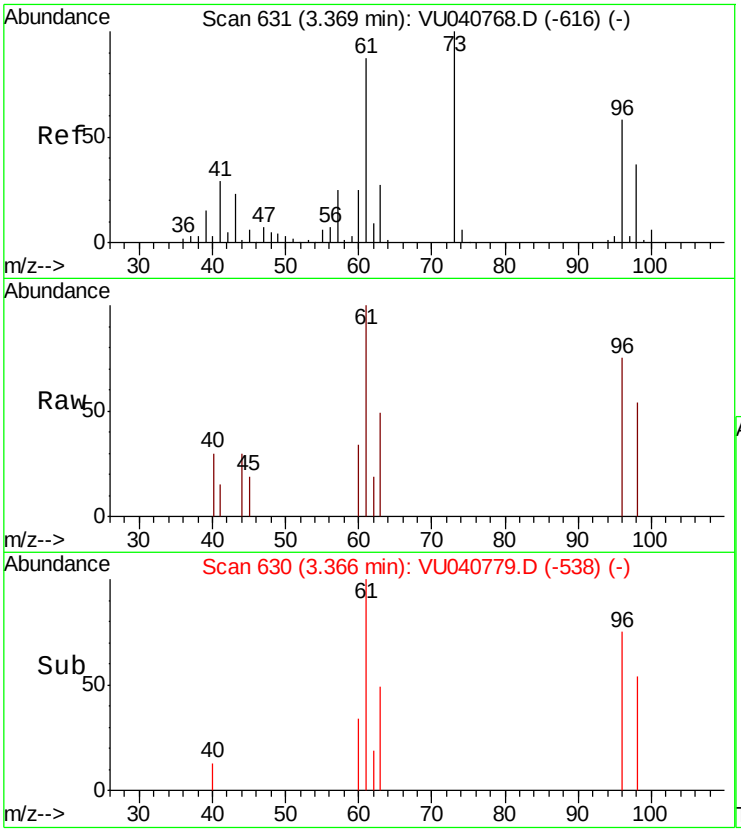


#15
Methyl Acetate
Concen: 0.148 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.01 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 43 Resp: 814

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



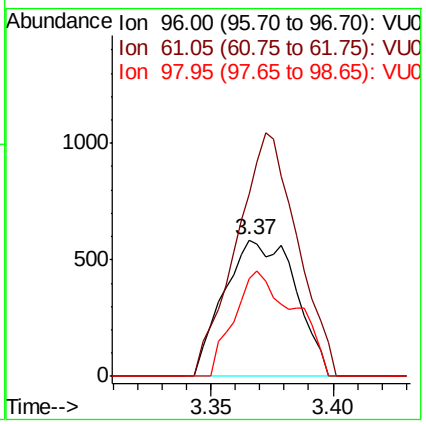


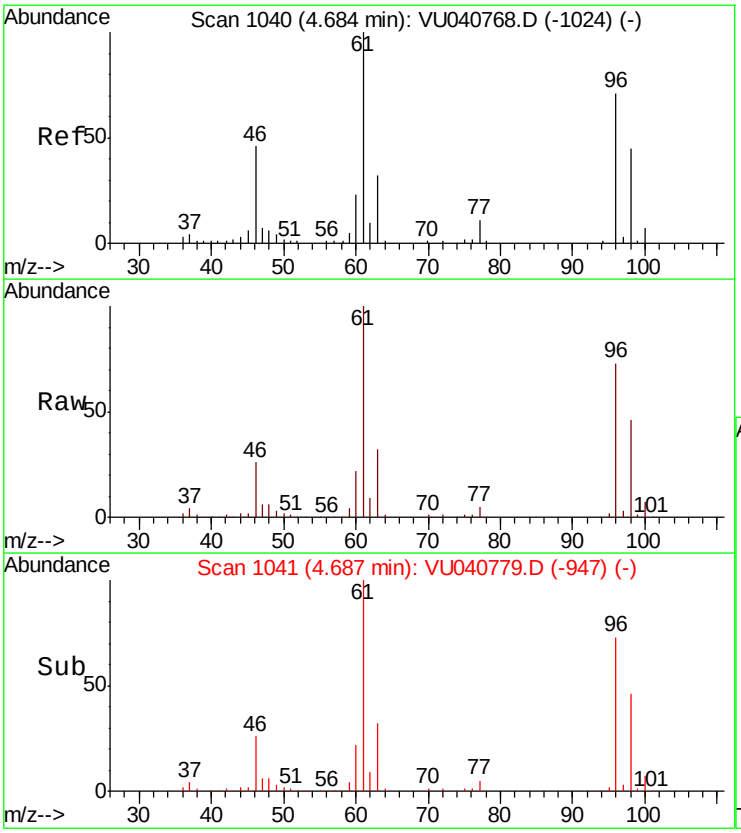
#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1191

Ion	Ratio	Lower	Upper
96	100		
61	133.7	105.9	196.7
98	72.1	43.8	81.3

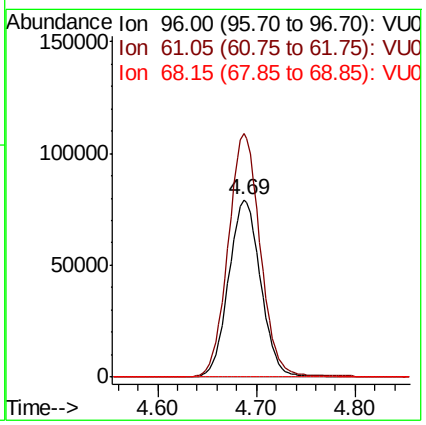


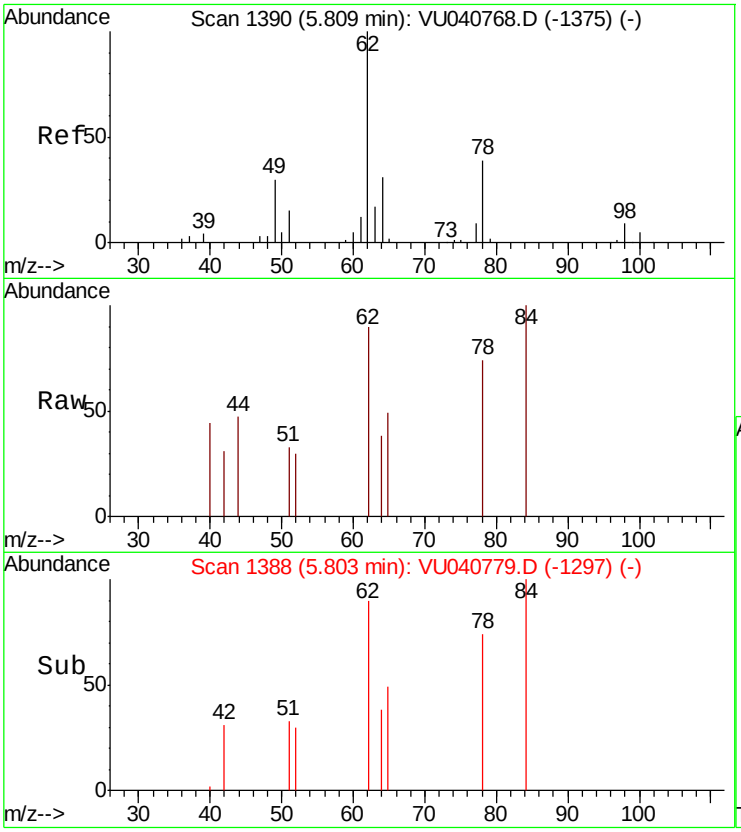


#22
cis-1,2-Dichloroethene
Concen: 18.899 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 96 Resp: 178152

Ion	Ratio	Lower	Upper
96	100		
61	137.5	99.8	185.4
68	0.0	0.0	0.0



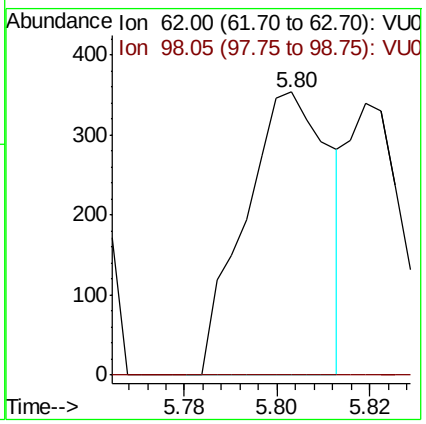


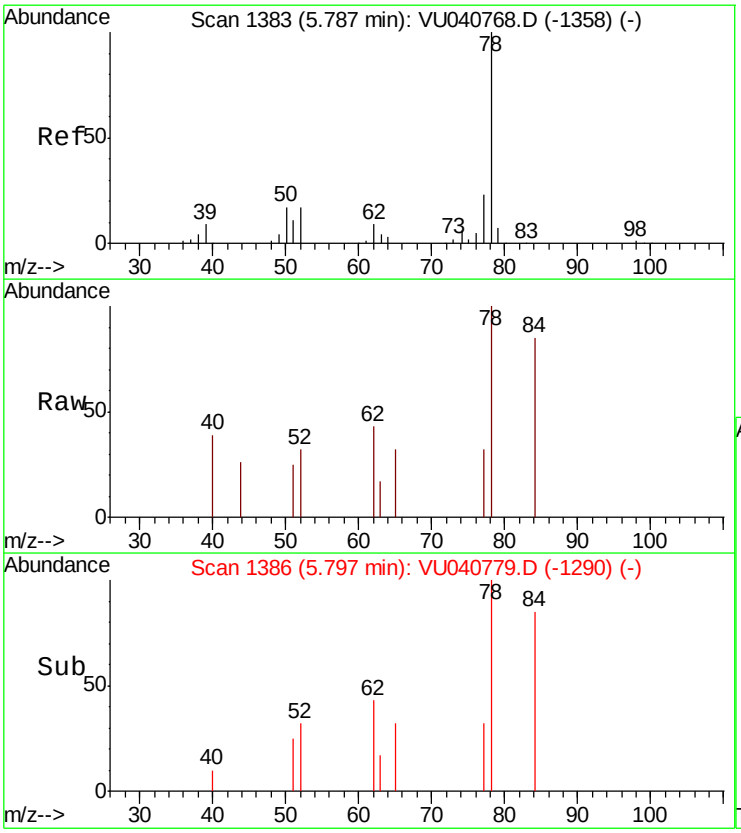
#27
1,2-Dichloroethane
Concen: 0.034 ug/L
RT: 5.80 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 448

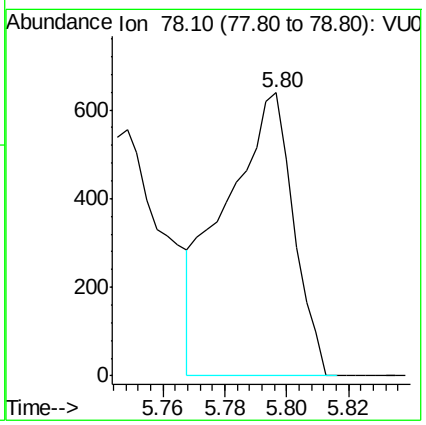
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

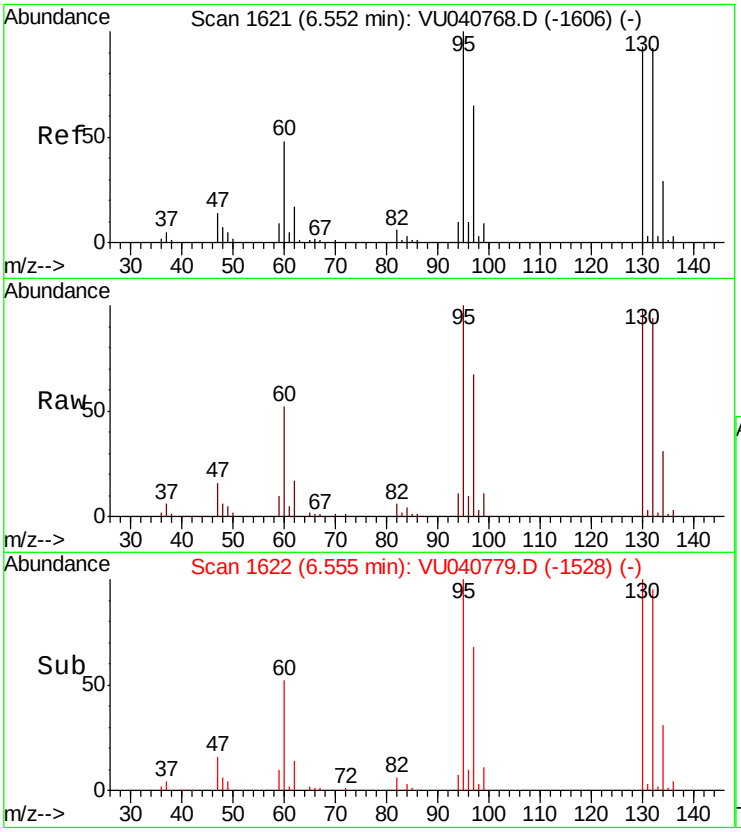




#33
Benzene
Concen: 0.025 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 78 Resp: 983



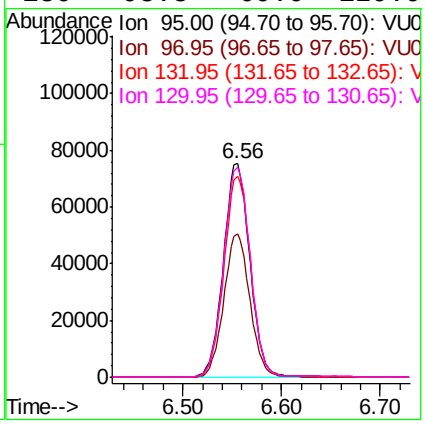


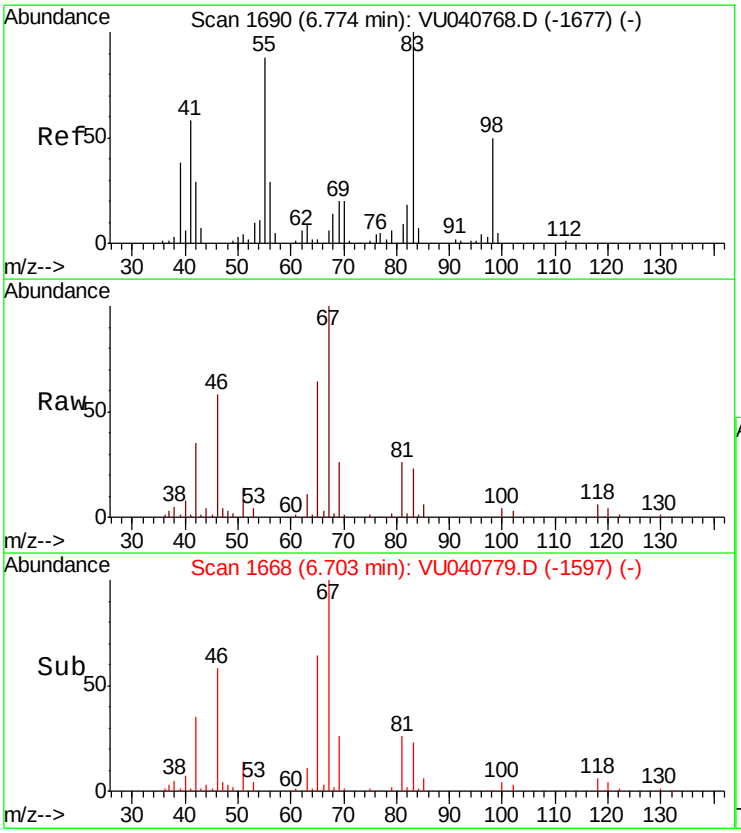
#34
Trichloroethene
Concen: 14.088 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 142453

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.5	84.5
132	93.9	67.5	125.4
130	98.3	69.9	129.9

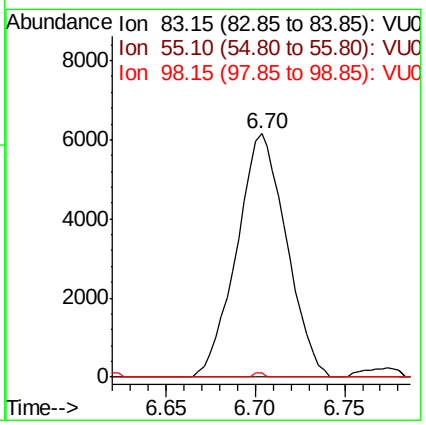


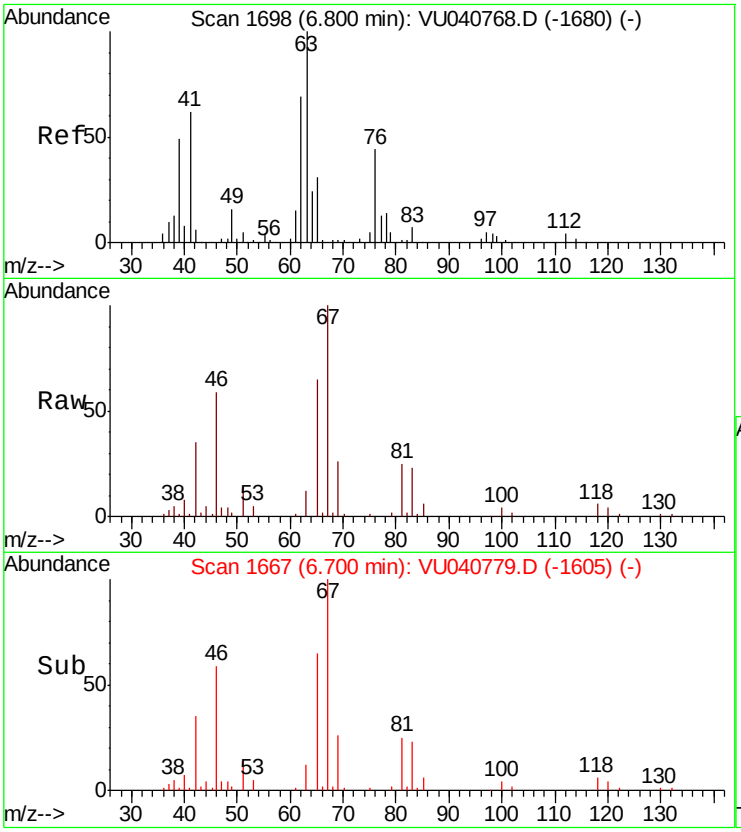


#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 83 Resp: 11973

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



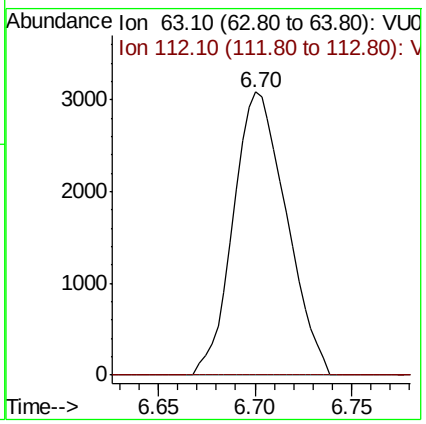


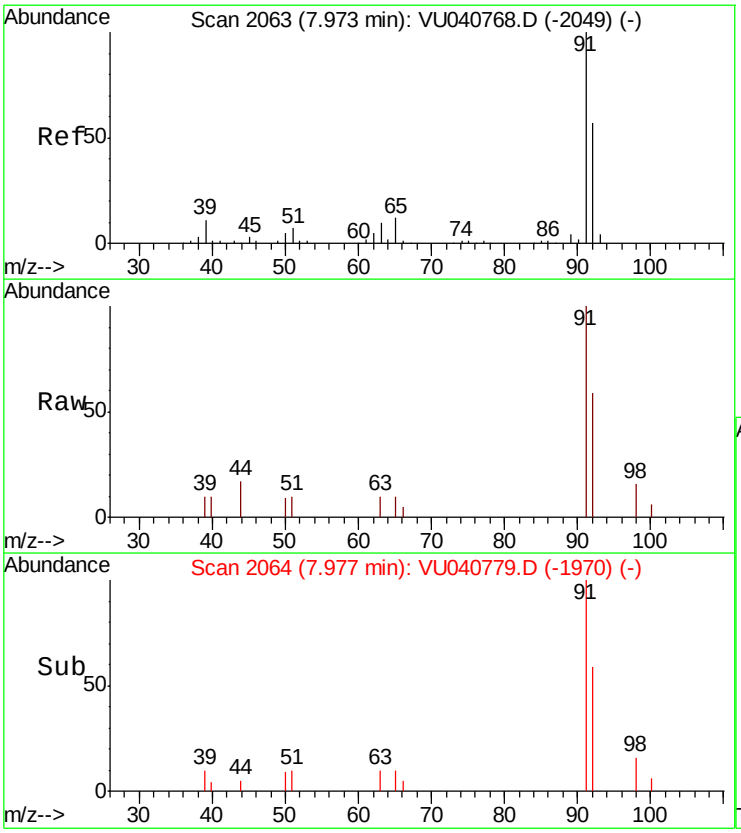
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5890

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

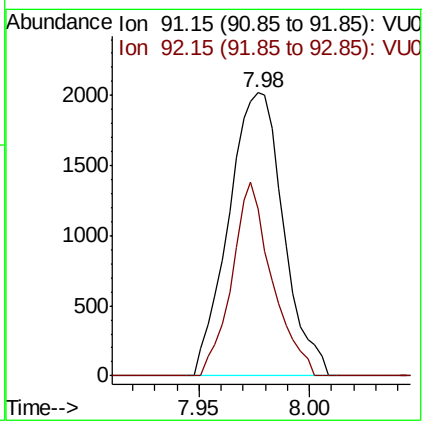


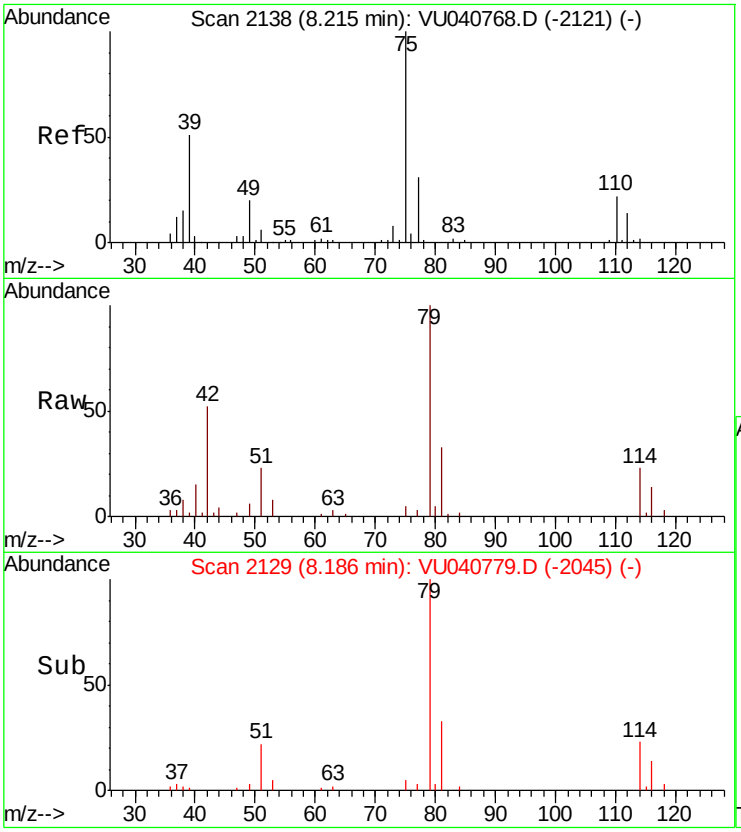


#42
Toluene
Concen: 0.088 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 91 Resp: 3491

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.2	74.6



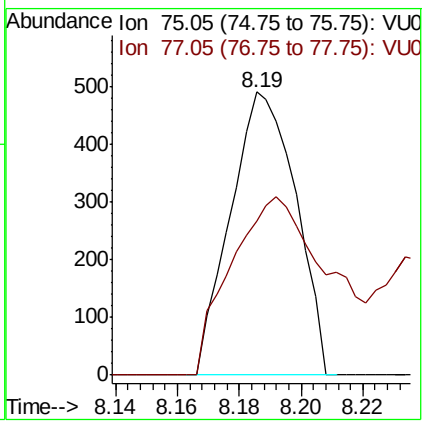


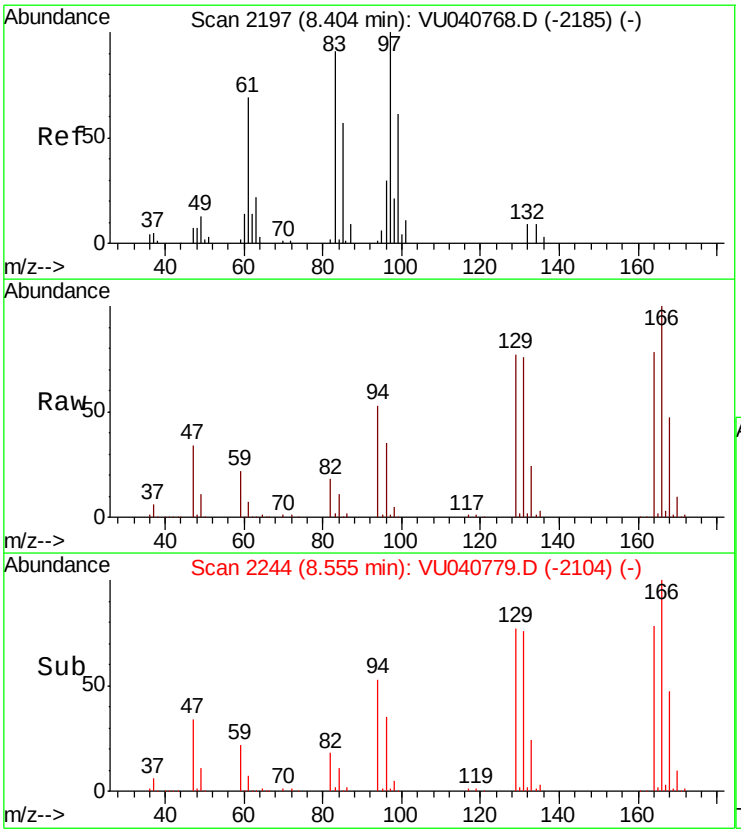
#44
trans-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 719

Ion	Ratio	Lower	Upper
75	100		
77	54.6	20.4	38.0#

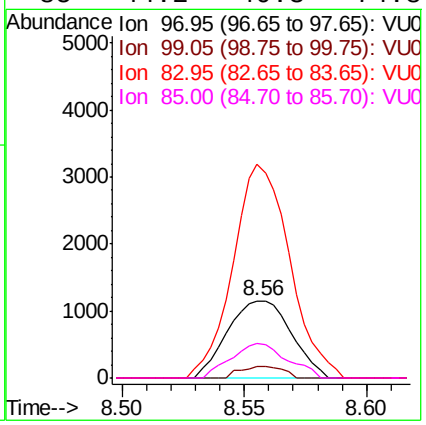


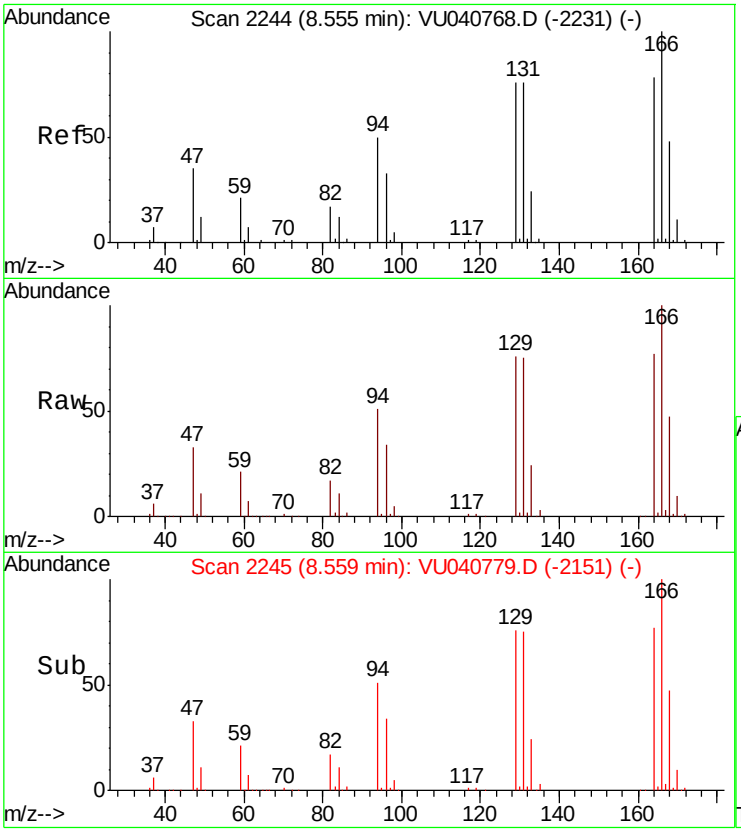


#45
1,1,2-Trichloroethane
Concen: 0.256 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.15 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 97 Resp: 2087

Ion	Ratio	Lower	Upper
97	100		
99	14.4	44.0	81.6#
83	277.5	62.9	116.9#
85	44.2	40.3	74.8



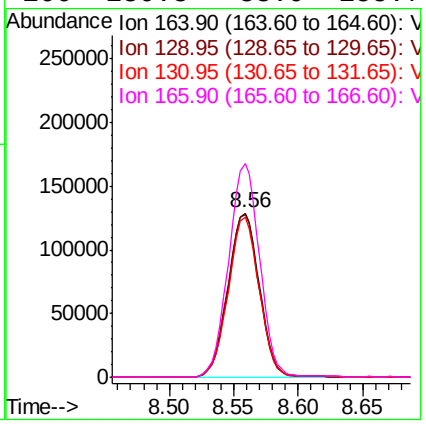


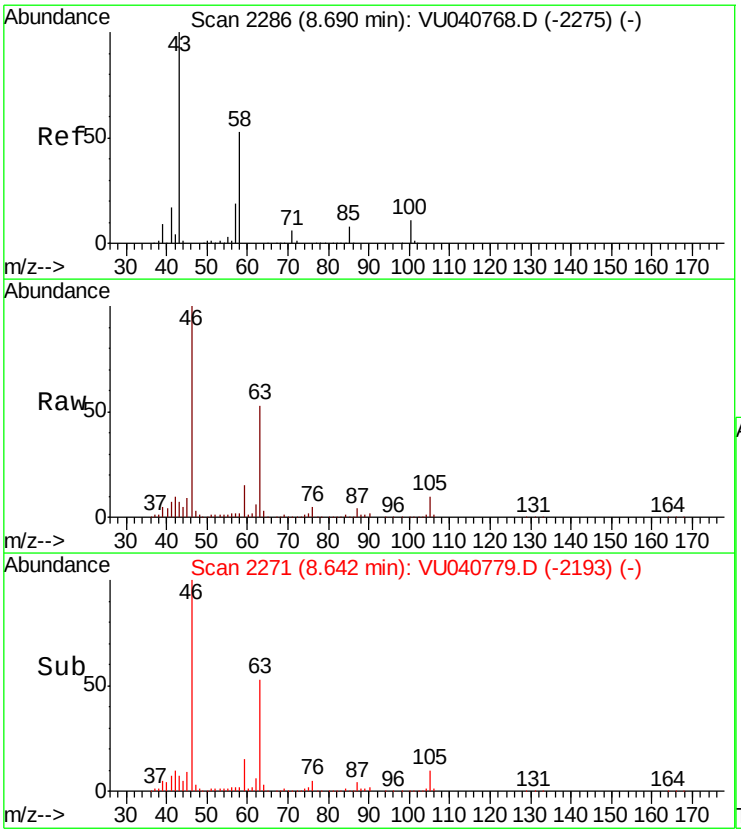
#47
Tetrachloroethene
Concen: 30.260 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 218300

Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.8	127.8
131	97.2	66.7	123.9
166	130.3	83.9	155.7

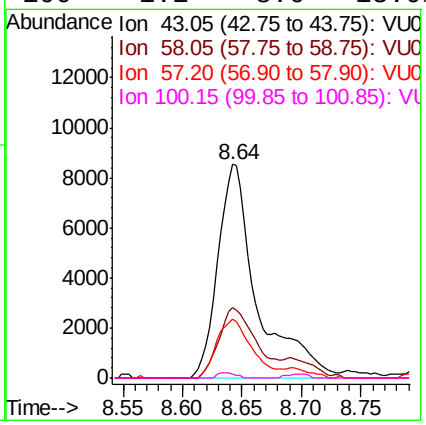


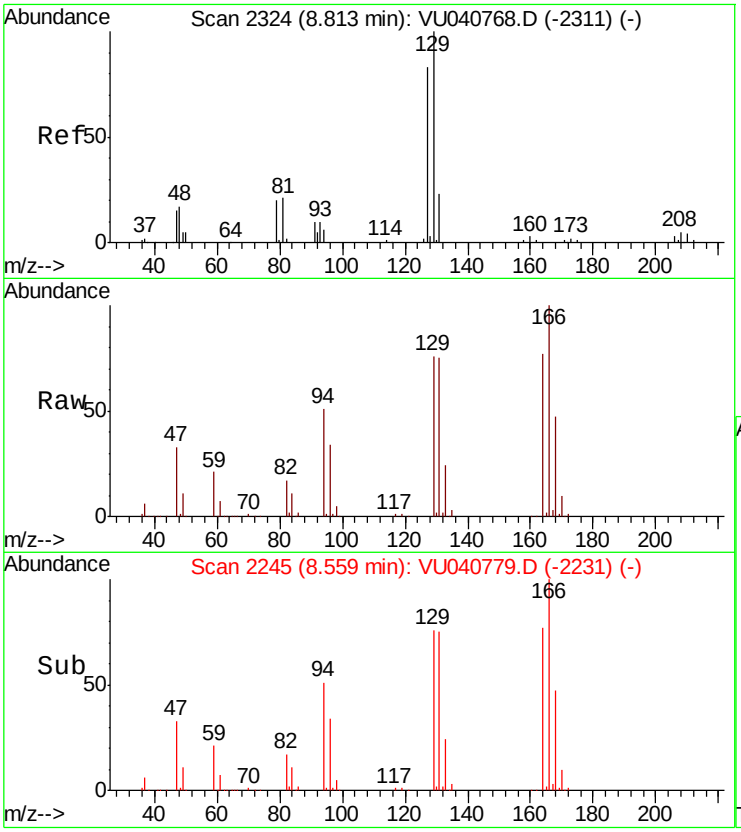


#48
2-Hexanone
Concen: 3.026 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion: 43 Resp: 19525

Ion	Ratio	Lower	Upper
43	100		
58	30.8	41.0	61.6#
57	24.6	14.4	21.6#
100	1.1	8.6	13.0#



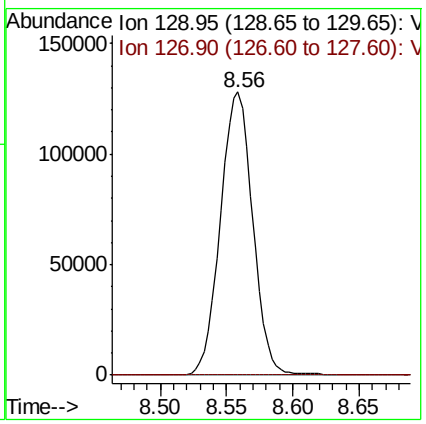


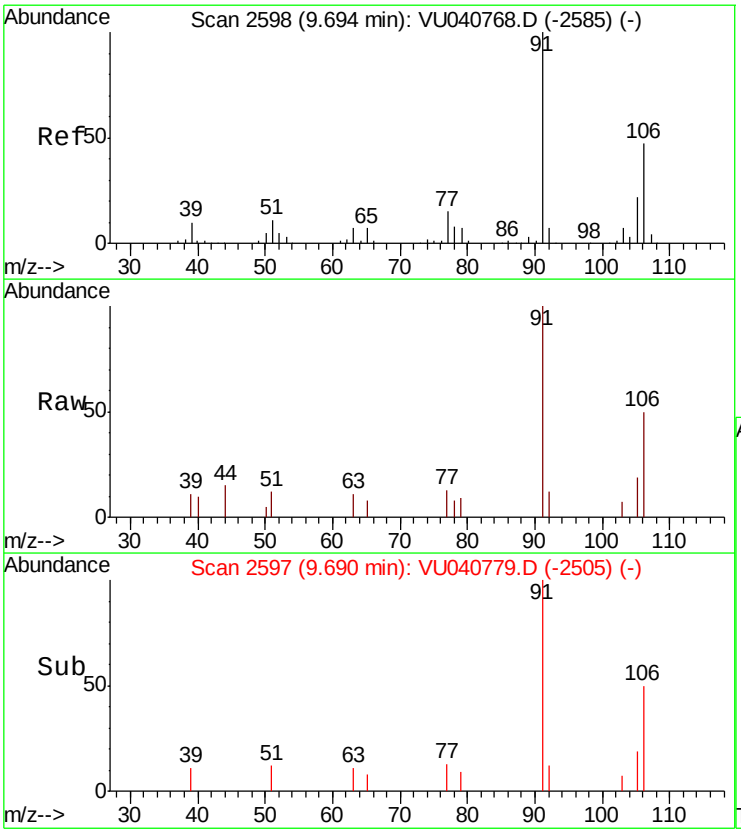
#49
Dibromochloromethane
Concen: 22.929 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 214762

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

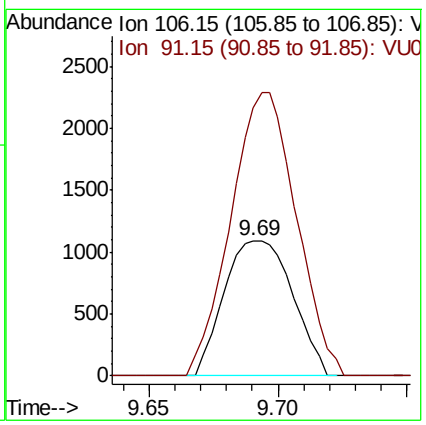


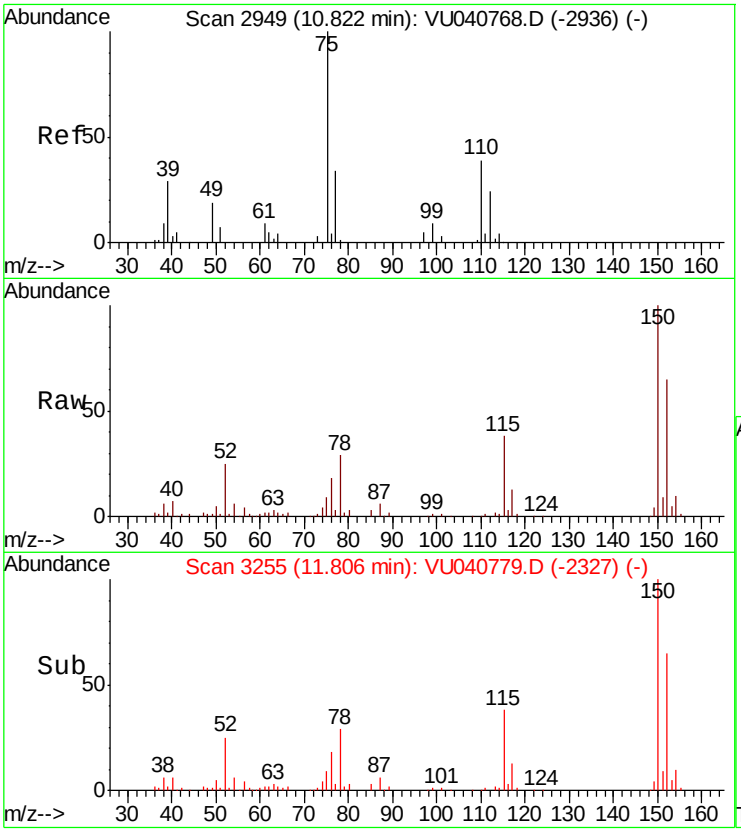


#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Tgt Ion:106 Resp: 2018

Ion	Ratio	Lower	Upper
106	100		
91	198.3	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.866 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040779.D
Acq: 17 Oct 2020 22:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6913

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.4	39.6