Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041159.D
Acq On : 09 Nov 2020 23:06
Operator : SY/MD
Sample : L4673-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T1

Quant Time: Nov 10 04:26:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26830	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15854	3.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.20%			
7) Chloroethane-d5	1.92	69	14889	3.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.00%			
11) 1,1-Dichloroethene-d2	2.58	63	26100	2.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.20%#			
20) 2-Butanone-d5	4.66	46	91071	54.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.50%			
24) Chloroform-d	5.08	84	41958	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.72	65	27593	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.74	84	73950	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.70	67	26193	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	60492	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9992	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	63043	51.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24075	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25953	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2273	0.399	ug/L #	77
12) 1,1-Dichloroethene	2.59	96	1630	0.380	ug/L #	1
13) Acetone	2.66	43	1362	1.187	ug/L	96
15) Methyl Acetate	3.06	43	433	0.165	ug/L #	53
18) trans-1,2-Dichloroethene	3.37	96	10888	2.500	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	1367370	304.344	ug/L	94
25) Chloroform	5.11	83	6610	0.757	ug/L	92
27) 1,2-Dichloroethane	5.74	62	383	0.059	ug/L #	74
30) Cyclohexane	5.40	56	449	0.062	ug/L #	76
33) Benzene	5.79	78	2735	0.153	ug/L	100
34) Trichloroethene	6.56	95	7617146	1673.974	ug/L	91
35) Methylcyclohexane	6.70	83	6582	0.970	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3091	0.639	ug/L #	86
38) Bromodichloromethane	7.11	83	1591	0.254	ug/L #	83
39) cis-1,3-Dichloropropene	7.58	75	663	0.100	ug/L #	42
44) trans-1,3-Dichloropropene	8.18	75	481	0.077	ug/L	95
47) Tetrachloroethene	8.56	164	7214	2.156	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041159.D
Acq On : 09 Nov 2020 23:06
Operator : SY/MD
Sample : L4673-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T1

Quant Time: Nov 10 04:26:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.56	129	7548	1.805	ug/L	#	11
53) m,p-Xylene	9.69	106	1029	0.148	ug/L		98
59) 1,2,3-Trichloropropane	11.81	75	3840	1.065	ug/L		94

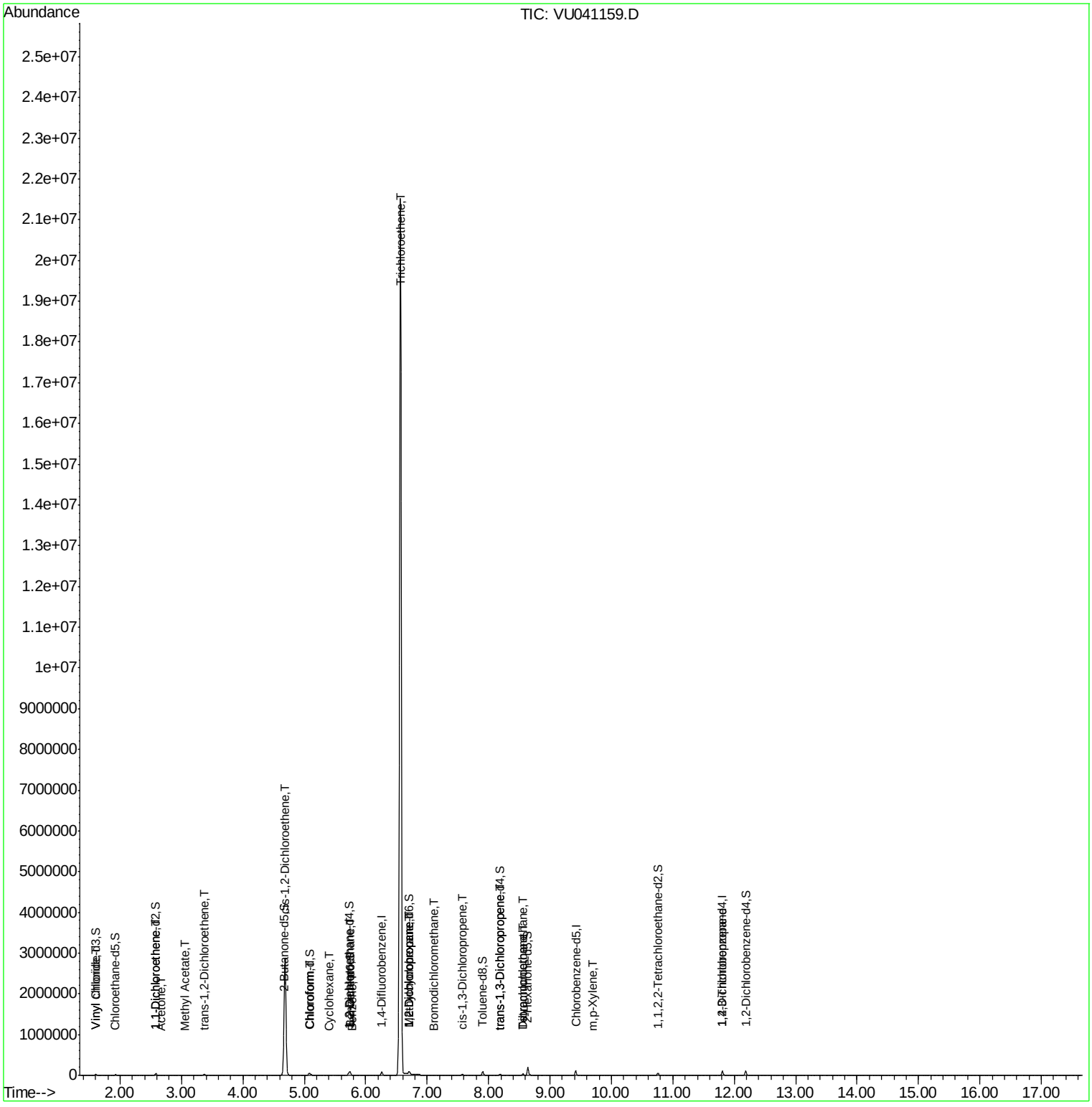
(#) = qualifier out of range (m) = manual integration (+) = signals summed

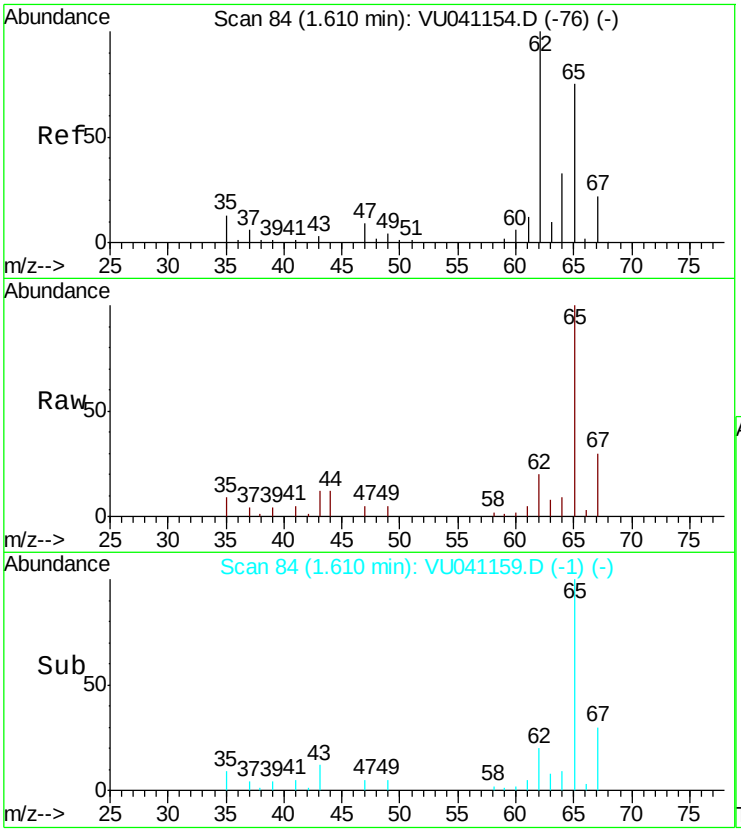
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041159.D
Acq On : 09 Nov 2020 23:06
Operator : SY/MD
Sample : L4673-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Quant Time: Nov 10 04:26:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration



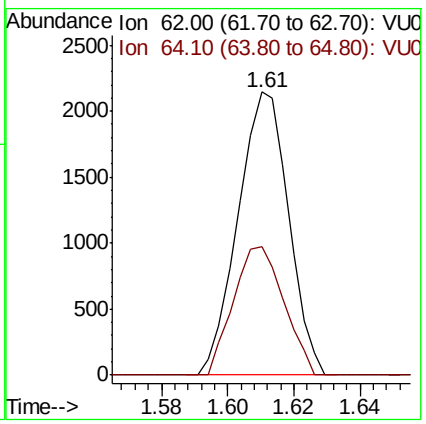


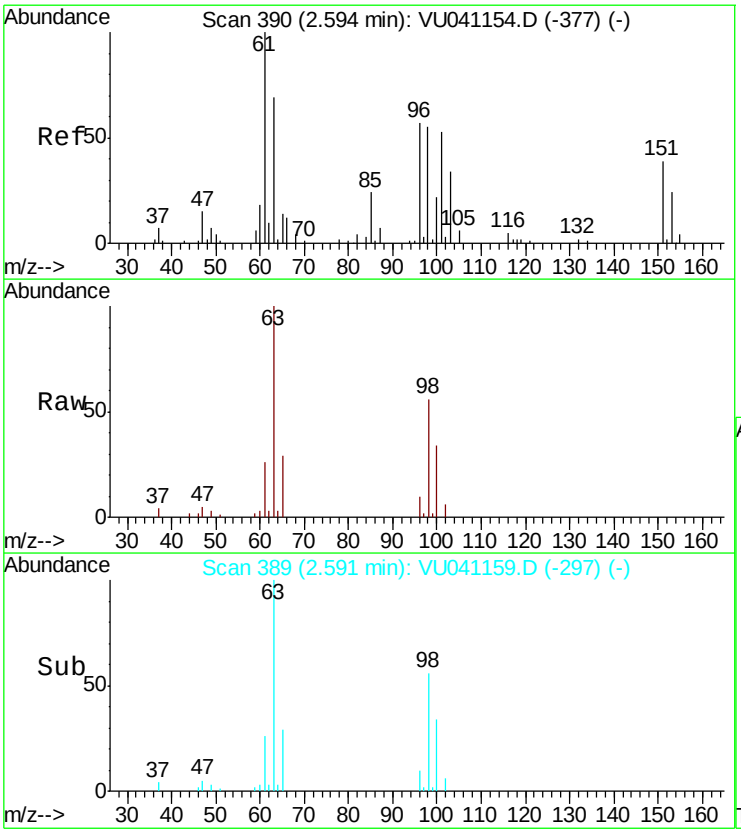
#5
Vinyl chloride
Concen: 0.399 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument : MSVOA_U
ClientSampleId : GB0T1

Tgt Ion: 62 Resp: 2273

Ion	Ratio	Lower	Upper
62	100		
64	45.4	22.7	42.3#

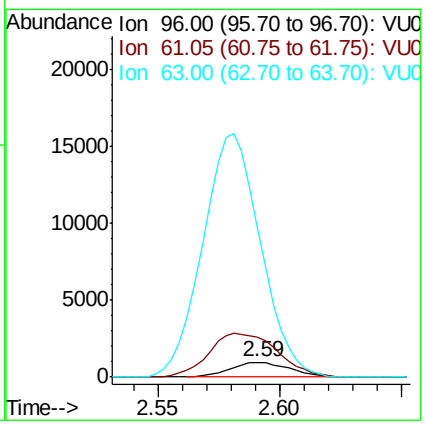


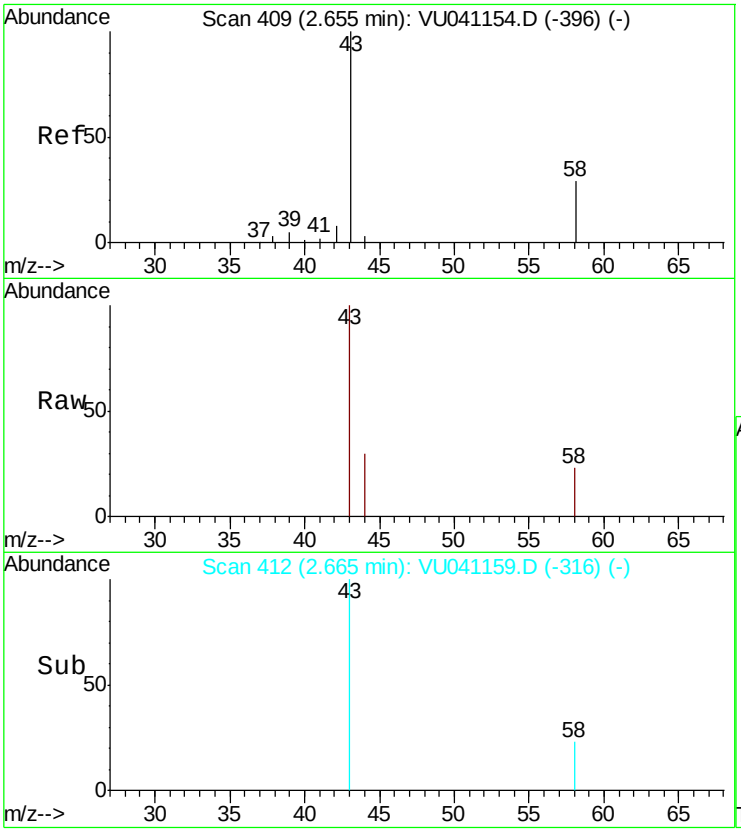


#12
1,1-Dichloroethene
Concen: 0.380 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 96 Resp: 1630

Ion	Ratio	Lower	Upper
96	100		
61	264.2	134.3	249.5#
63	1008.6	95.0	176.4#



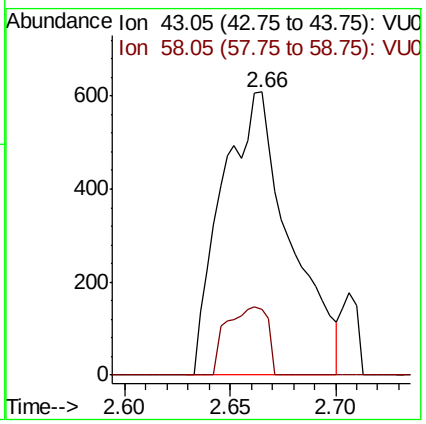


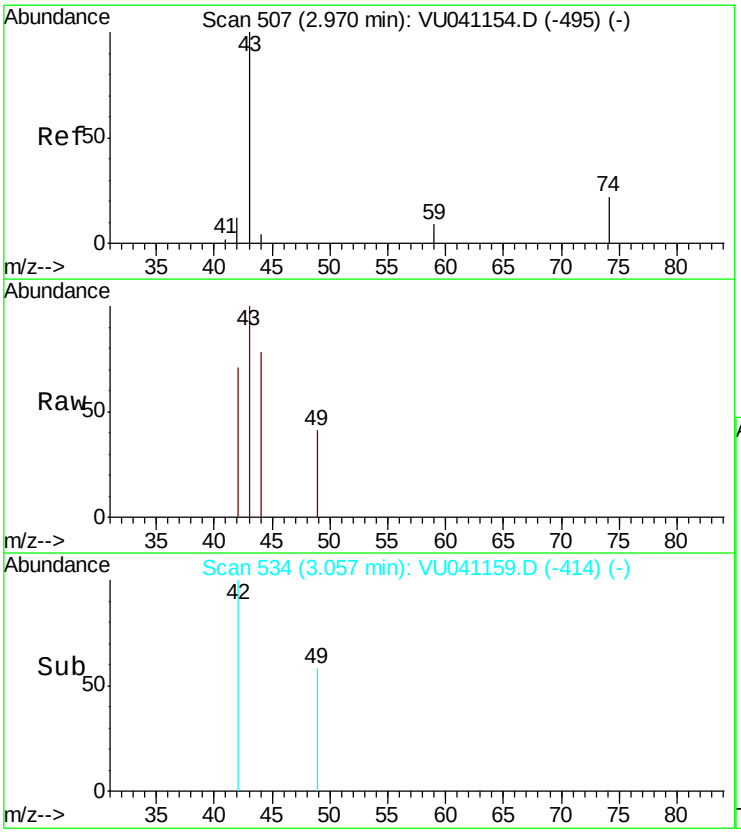
#13
Acetone
Concen: 1.187 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion: 43 Resp: 1362

Ion	Ratio	Lower	Upper
43	100		
58	14.5	0.0	25.4

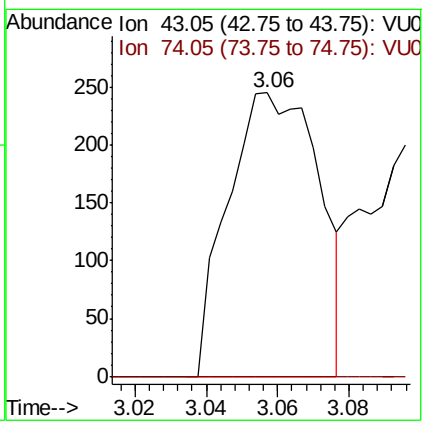


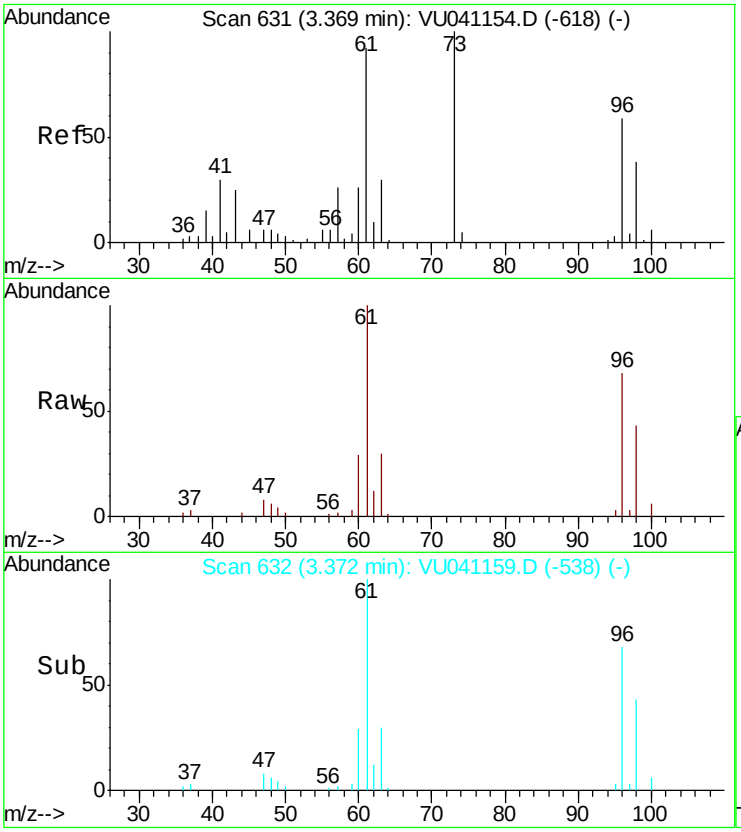


#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.09 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 43 Resp: 433

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



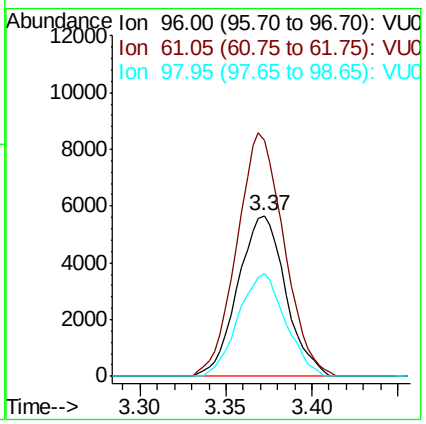


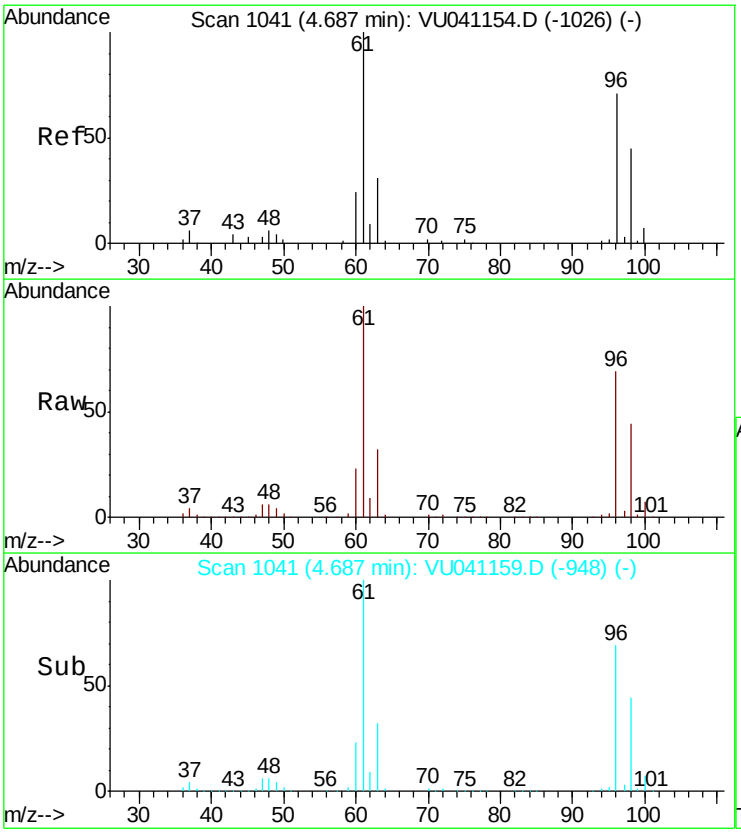
#18
trans-1,2-Dichloroethene
Concen: 2.500 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion: 96 Resp: 10888

Ion	Ratio	Lower	Upper
96	100		
61	147.3	110.9	205.9
98	63.8	45.4	84.2

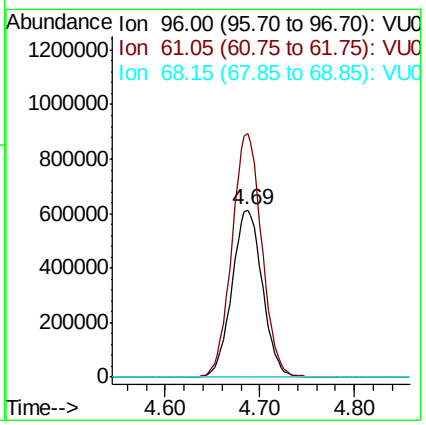


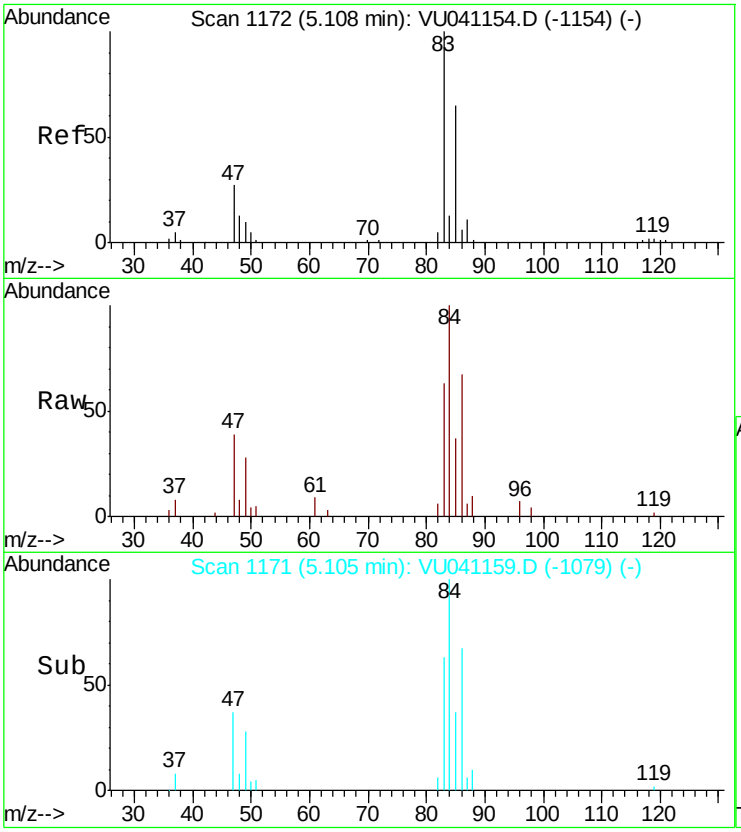


#22
cis-1,2-Dichloroethene
Concen: 304.344 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 96 Resp: 1367370

Ion	Ratio	Lower	Upper
96	100		
61	145.6	97.2	180.4
68	0.0	0.0	0.0



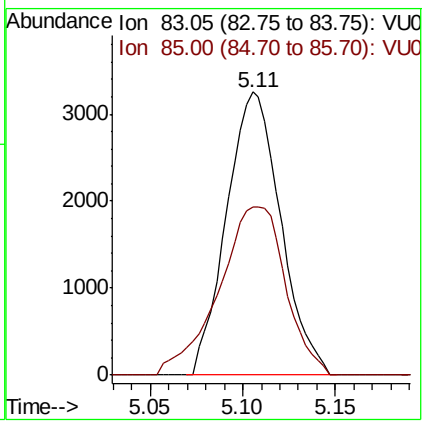


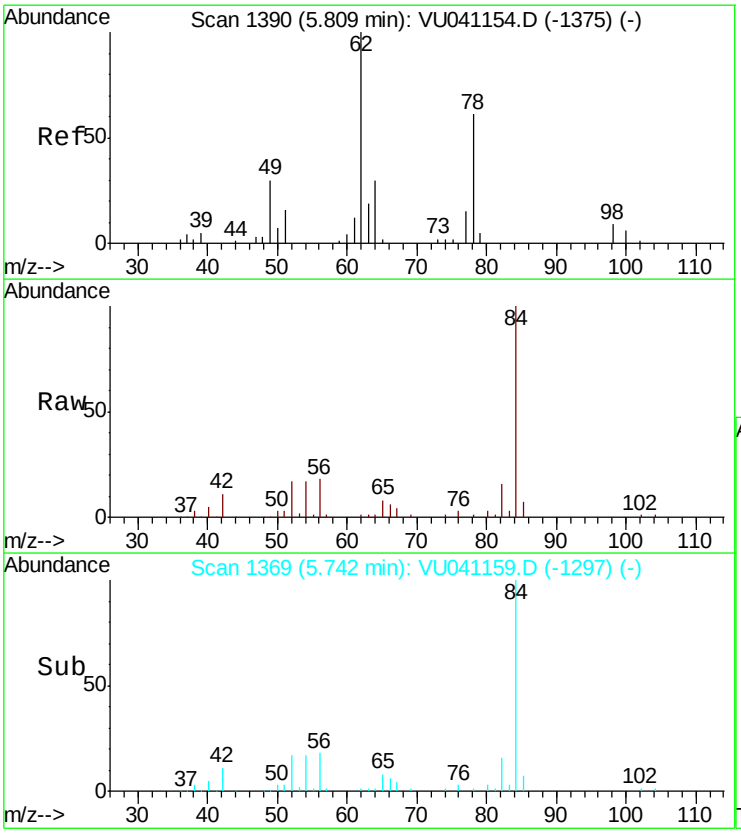
#25
Chloroform
Concen: 0.757 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument : MSVOA_U
ClientSampleId : GB0T1

Tgt Ion: 83 Resp: 6610

Ion	Ratio	Lower	Upper
83	100		
85	59.3	46.1	85.7

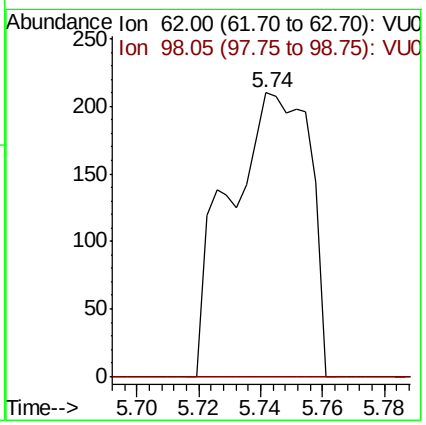


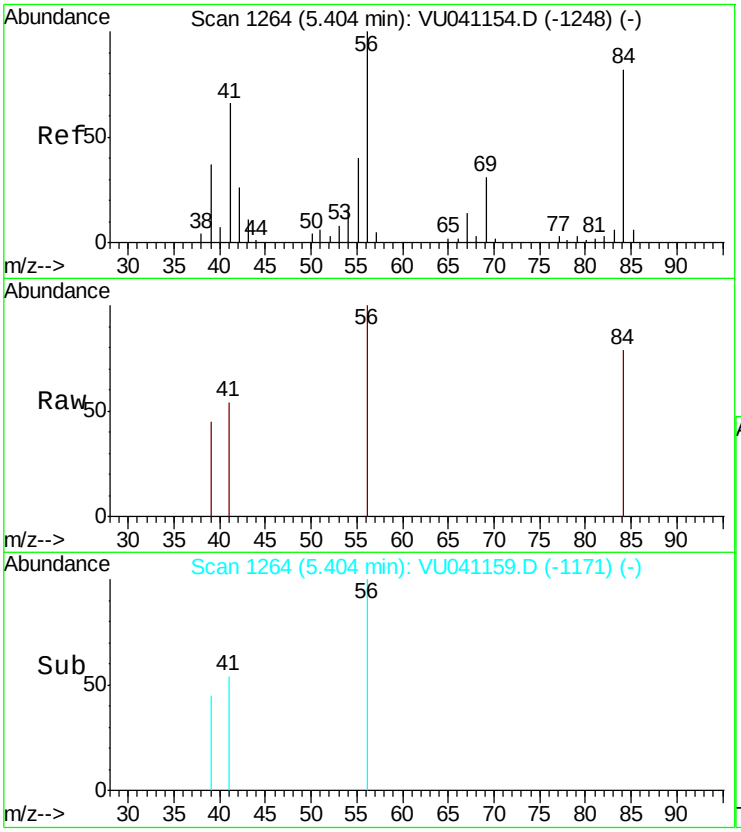


#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 62 Resp: 383

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#



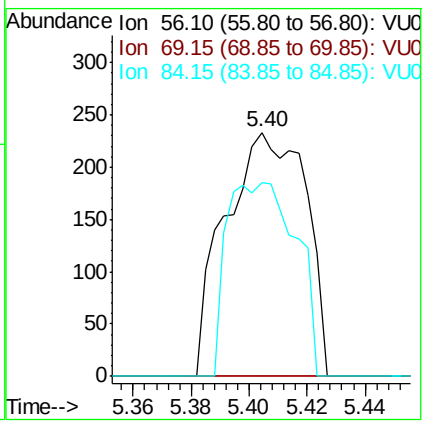


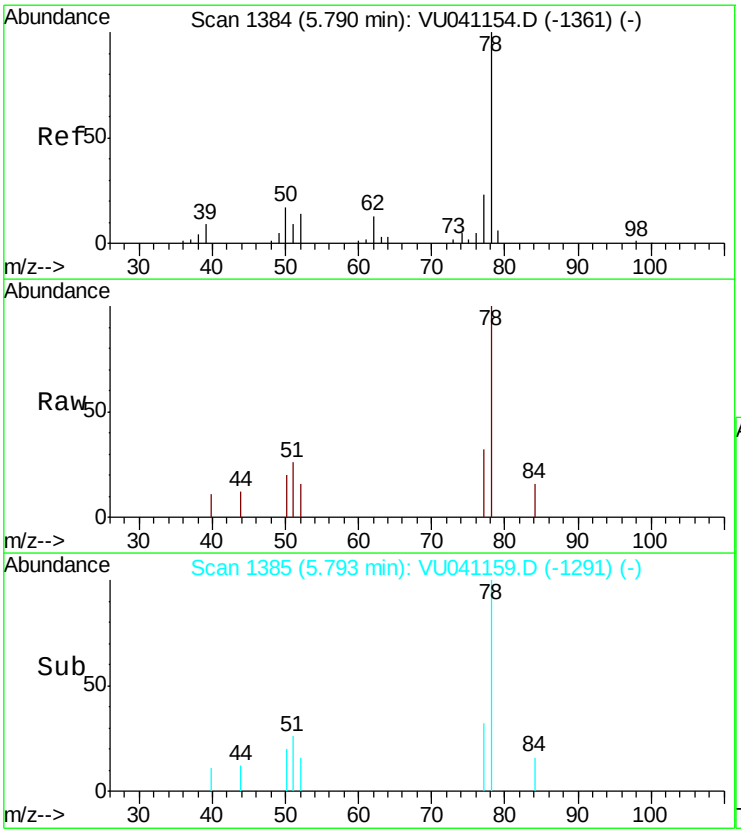
#30
Cyclohexane
Concen: 0.062 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument : MSVOA_U
ClientSampleId : GB0T1

Tgt Ion: 56 Resp: 449

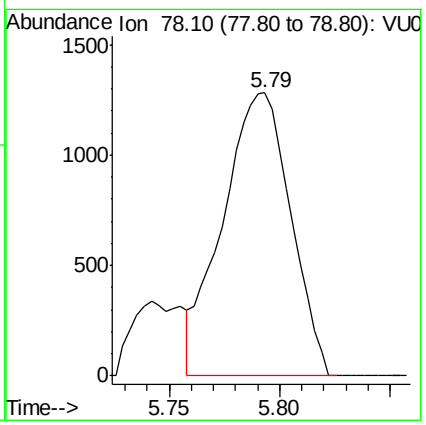
Ion	Ratio	Lower	Upper
56	100		
69	0.0	22.8	34.2#
84	68.4	63.6	95.4

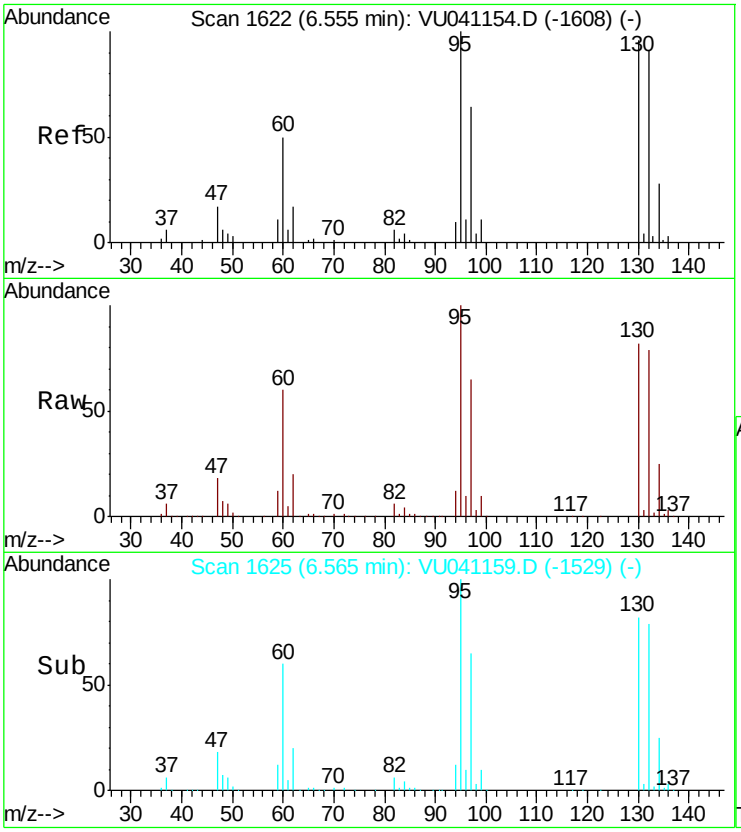




#33
Benzene
Concen: 0.153 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 78 Resp: 2735



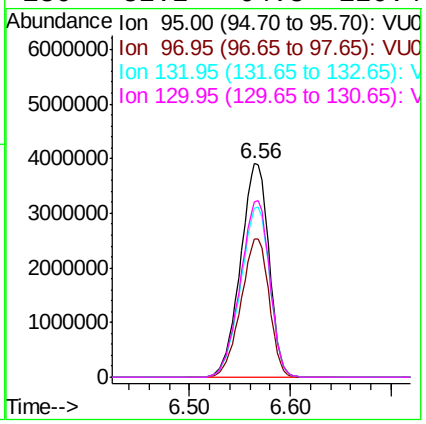


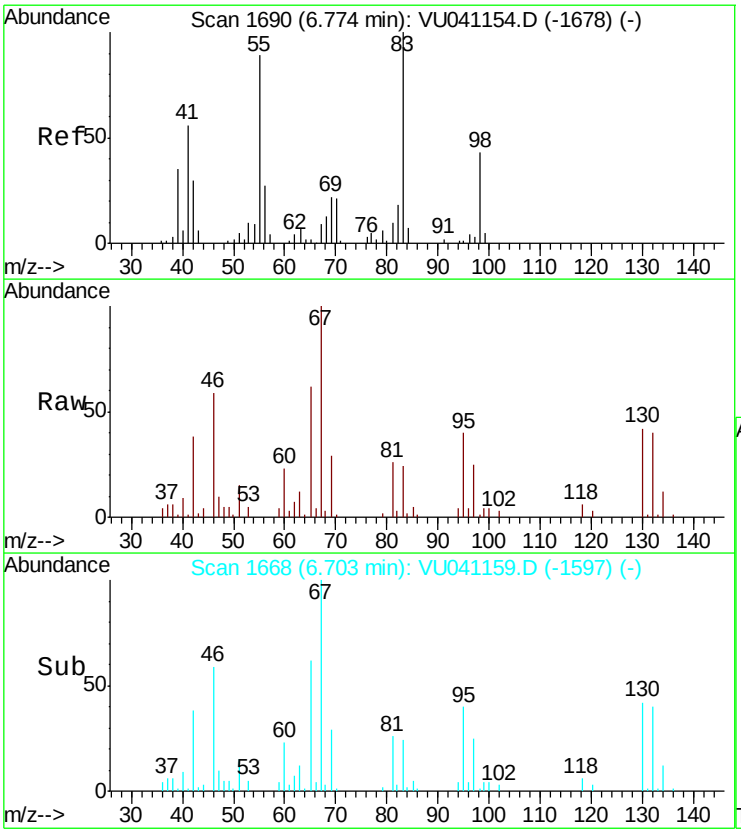
#34
Trichloroethene
Concen: 1673.974 ug/L
RT: 6.56 min Scan# 1625
Delta R.T. 0.01 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion: 95 Resp: 7617146

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.6	84.6
132	78.9	64.8	120.4
130	82.2	64.8	120.4

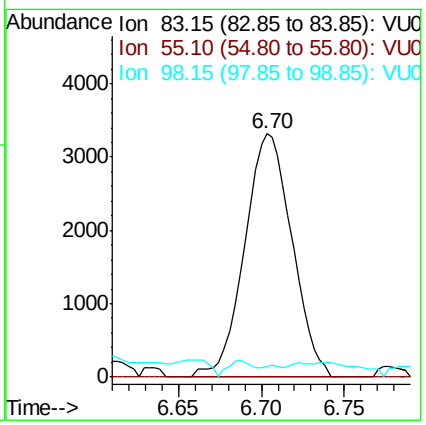


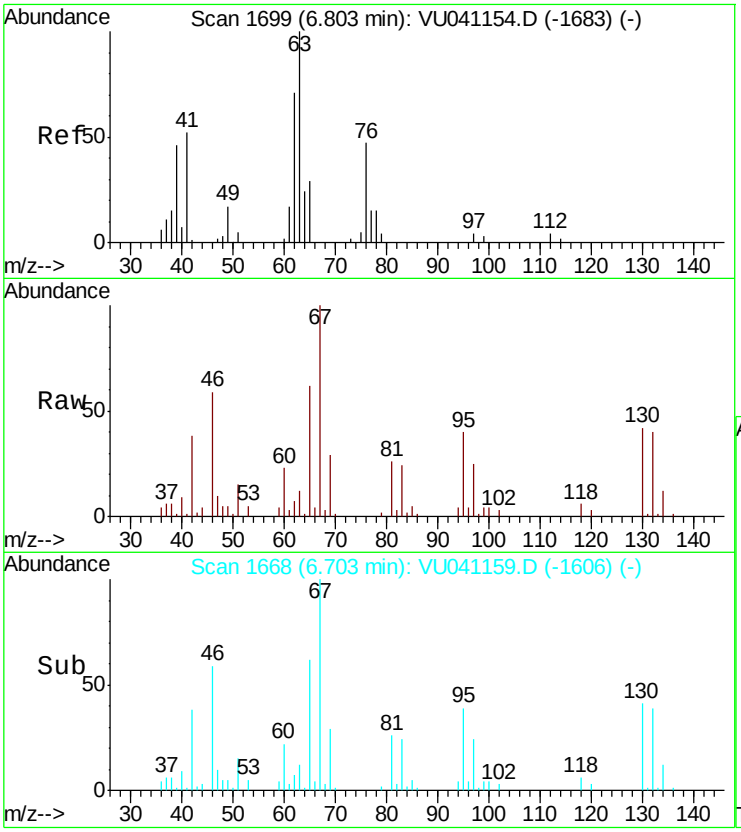


#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 83 Resp: 6582

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#



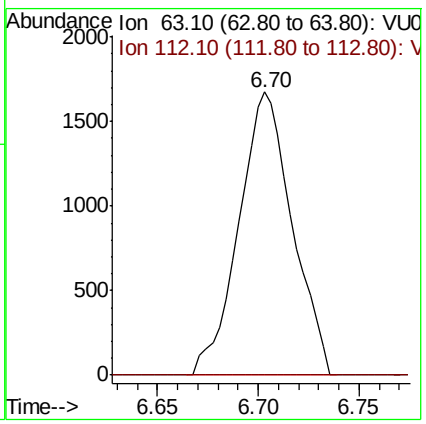


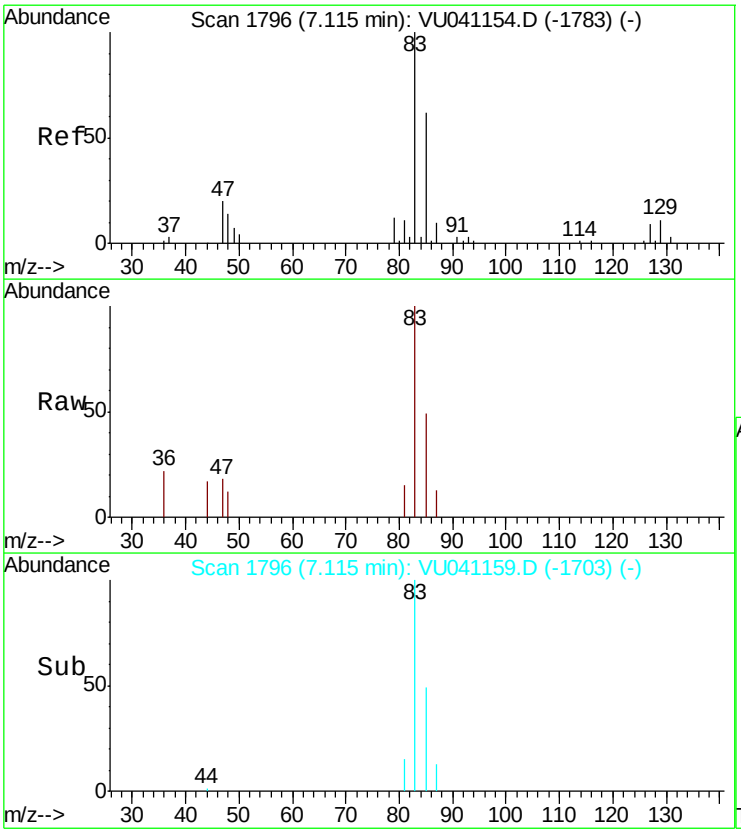
#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument : MSVOA_U
ClientSampleId : GB0T1

Tgt Ion: 63 Resp: 3091

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

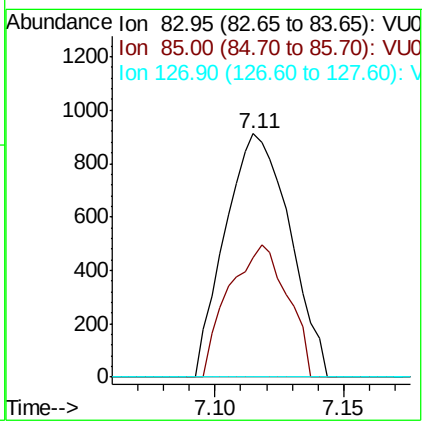


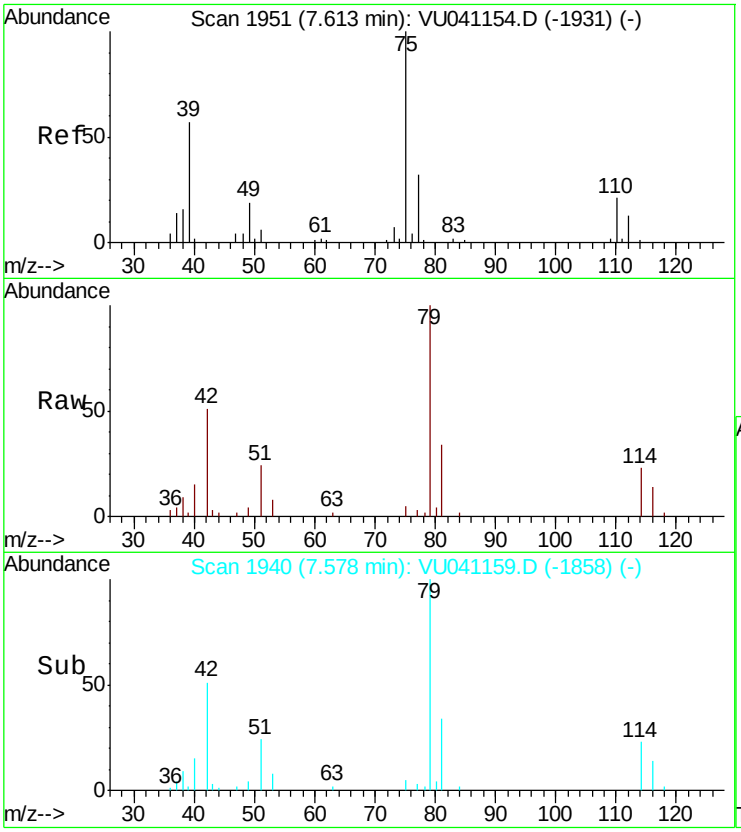


#38
Bromodichloromethane
Concen: 0.254 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 83 Resp: 1591

Ion	Ratio	Lower	Upper
83	100		
85	48.9	43.3	80.3
127	0.0	5.9	8.9#



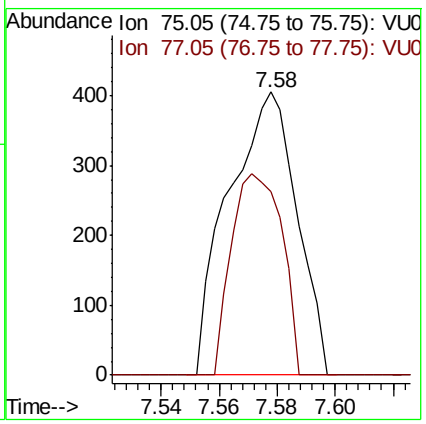


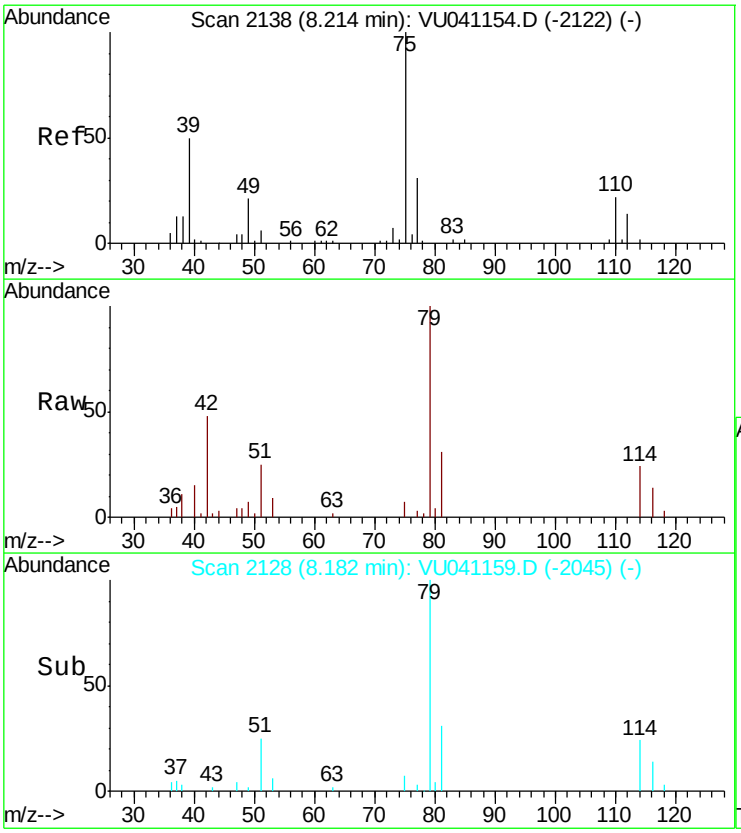
#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion: 75 Resp: 663

Ion	Ratio	Lower	Upper
75	100		
77	64.9	22.7	42.3#

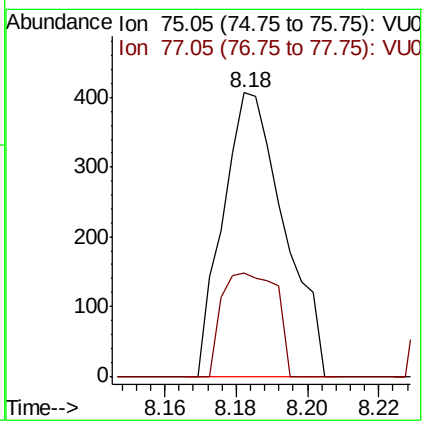


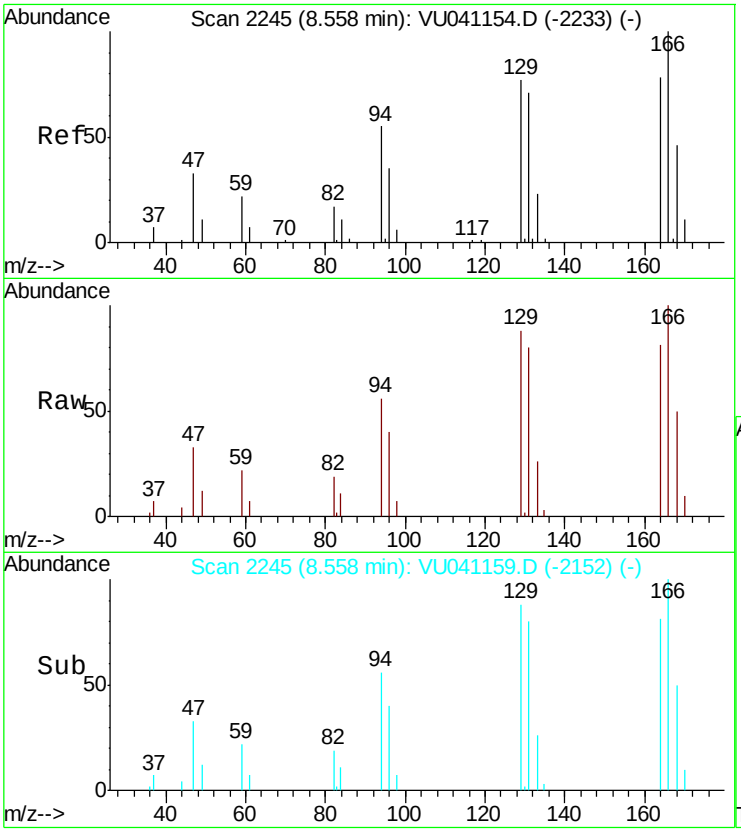


#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 75 Resp: 481

Ion	Ratio	Lower	Upper
75	100		
77	36.4	23.3	43.3



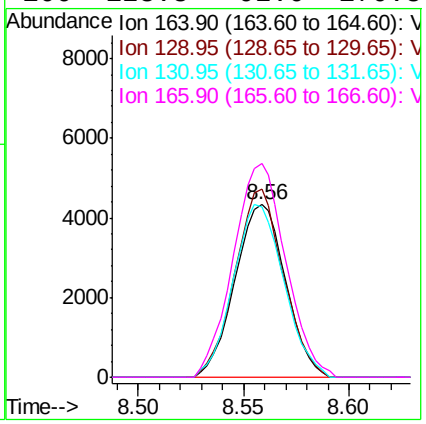


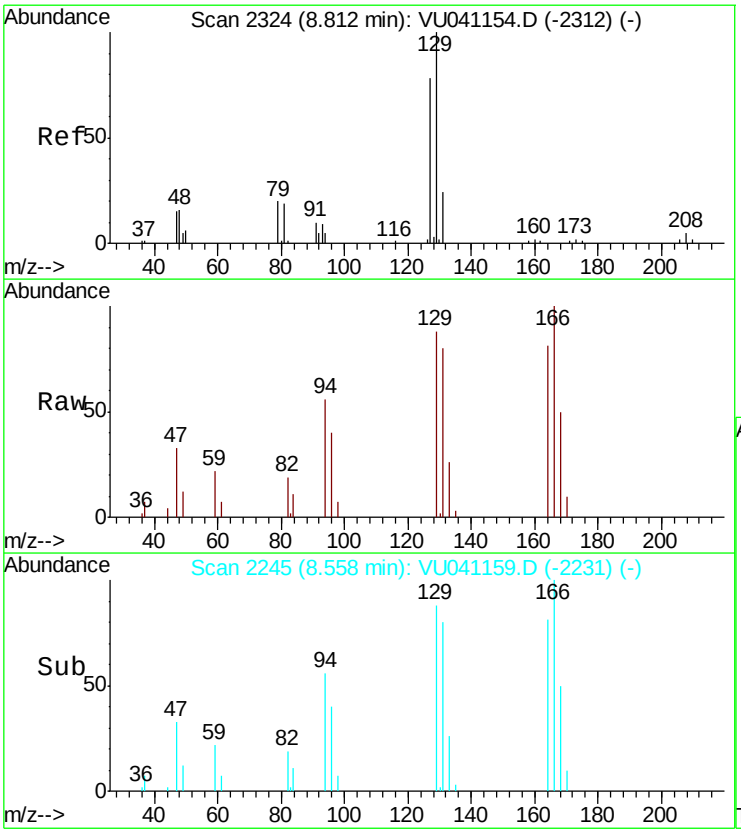
#47
Tetrachloroethene
Concen: 2.156 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion:164 Resp: 7214

Ion	Ratio	Lower	Upper
164	100		
129	109.3	70.3	130.7
131	98.8	70.8	131.4
166	123.8	92.0	170.8

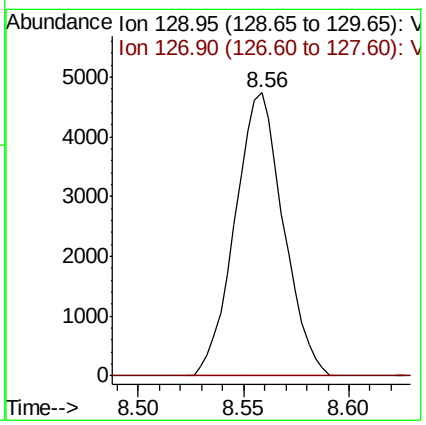


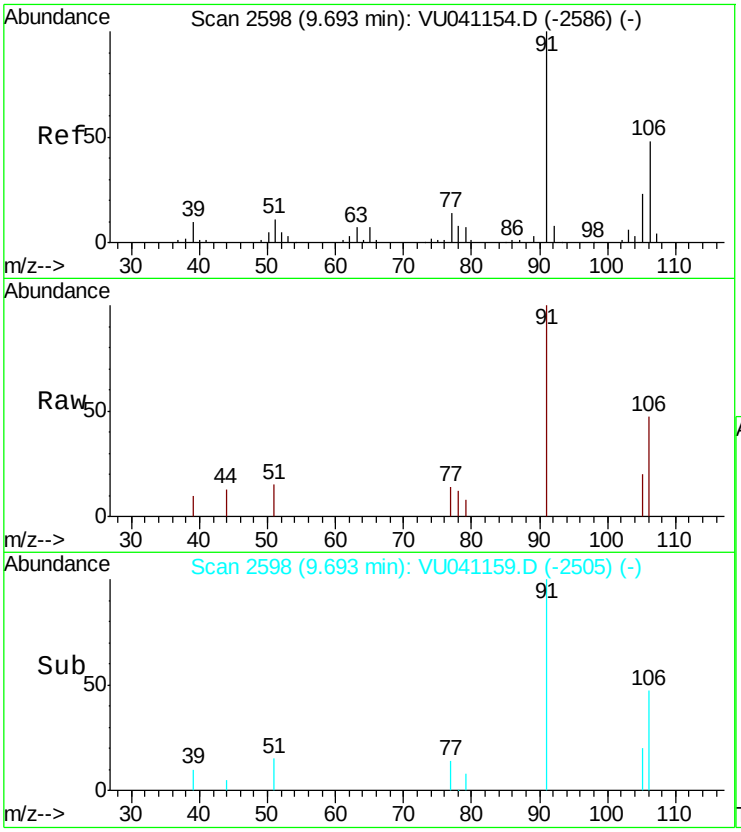


#49
Dibromochloromethane
Concen: 1.805 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion:129 Resp: 7548

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#



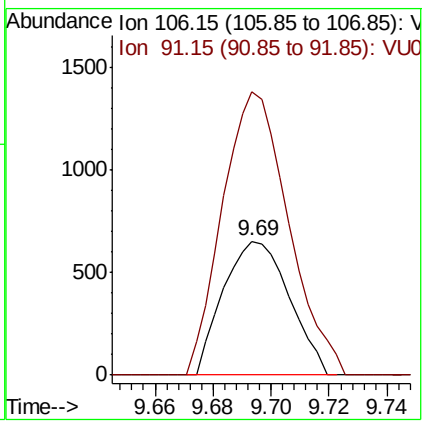


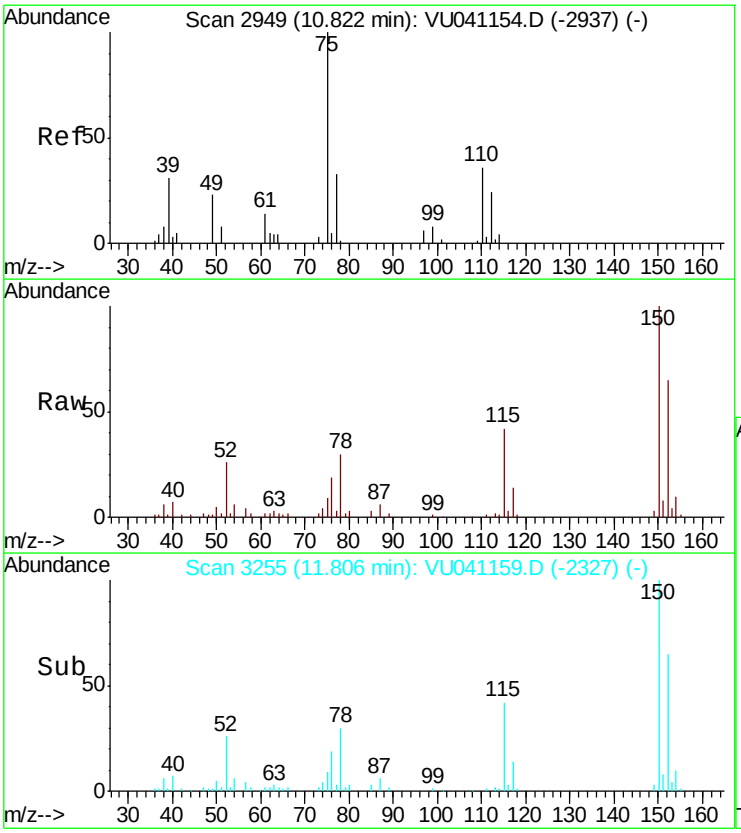
#53
m,p-Xylene
Concen: 0.148 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Instrument :
MSVOA_U
ClientSampleId :
GB0T1

Tgt Ion:106 Resp: 1029

Ion	Ratio	Lower	Upper
106	100		
91	211.7	150.9	280.3





#59
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041159.D
Acq: 09 Nov 2020 23:06

Tgt Ion: 75 Resp: 3840

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.7	38.5