Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039780.D
Acq On : 07 Aug 2020 12:28
Operator : SY/MD
Sample : L3572-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:32:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33931	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	18669	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.92	69	18711	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.58	63	28764	3.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.40%			
20) 2-Butanone-d5	4.67	46	91839	52.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.52%			
24) Chloroform-d	5.08	84	46083	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.72	65	28949	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.75	84	82061	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.70	67	28381	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.91	98	63985	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9139	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.64	63	67982	54.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.22%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26957	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28727	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	712	0.113	ug/L	93
5) Vinyl chloride	1.61	62	1037	0.172	ug/L #	52
12) 1,1-Dichloroethene	2.58	96	840	0.190	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	1559	0.317	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	28966	5.420	ug/L	98
34) Trichloroethene	6.56	95	9327	1.790	ug/L	98
35) Methylcyclohexane	6.71	83	6994	0.841	ug/L #	24
37) 1,2-Dichloropropane	6.70	63	3454	0.648	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	707	0.097	ug/L #	72
48) 2-Hexanone	8.64	43	10375	3.608	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	4586	1.193	ug/L	91

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

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ClientSampleId :

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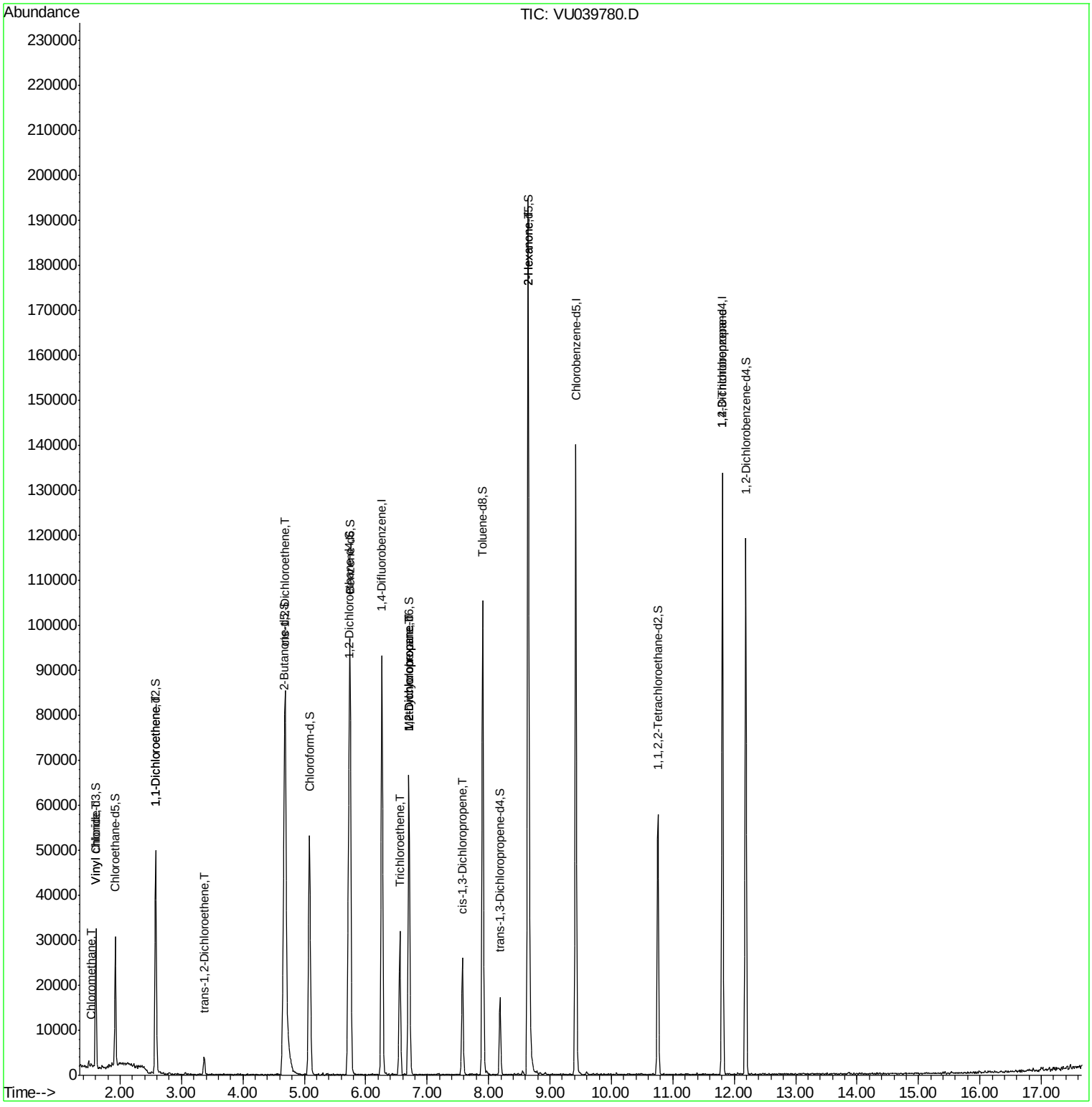
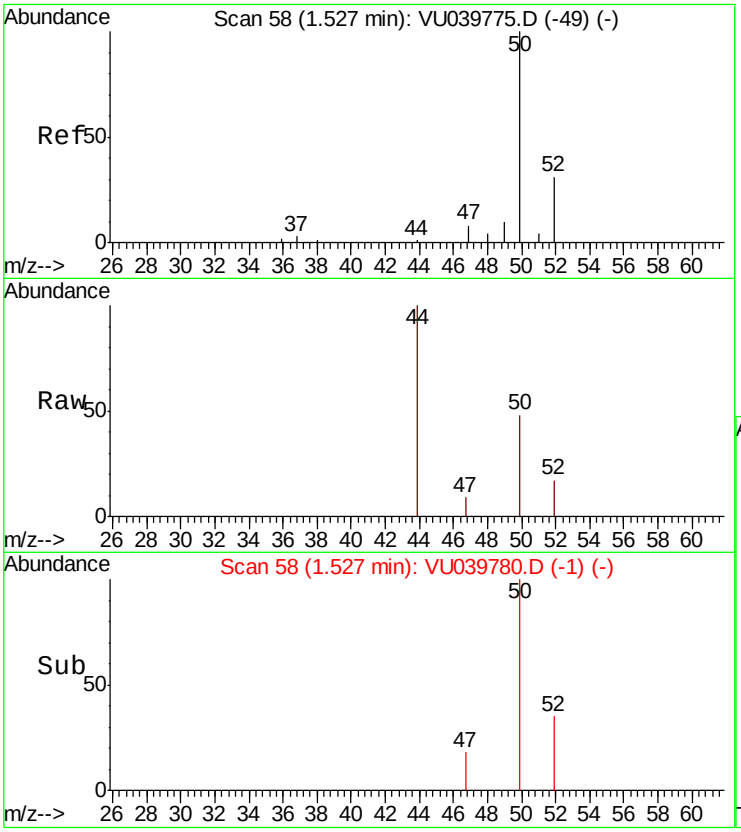
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration



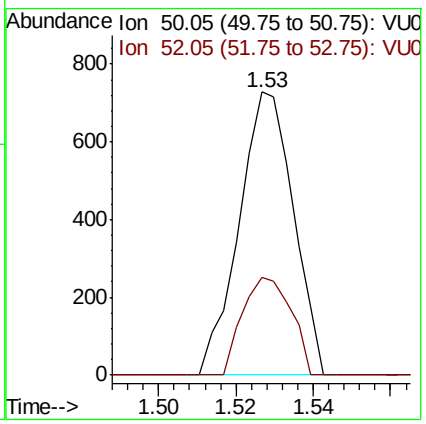


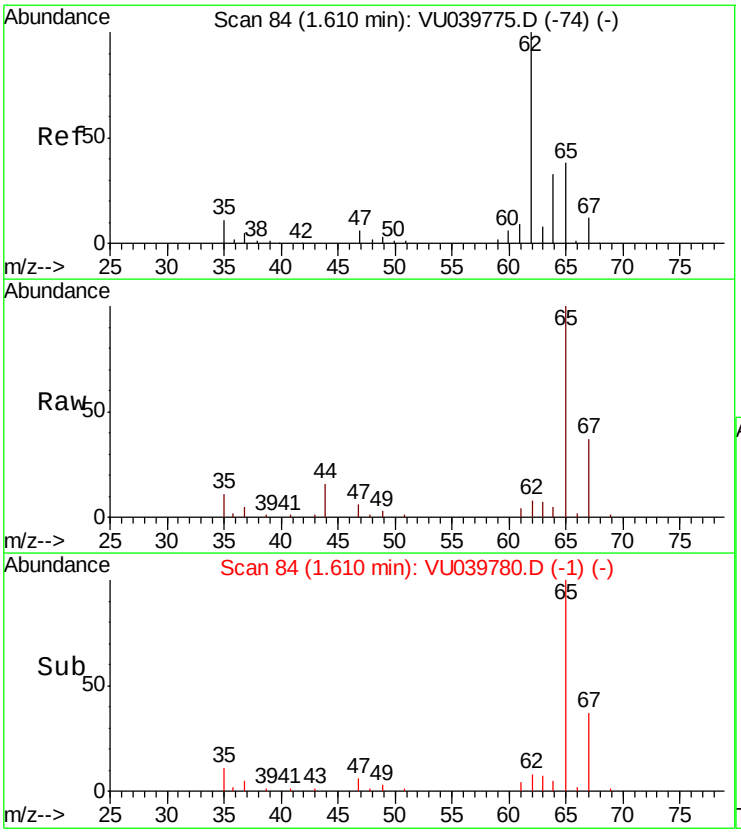
#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 712

Ion	Ratio	Lower	Upper
50	100		
52	34.8	21.6	40.0

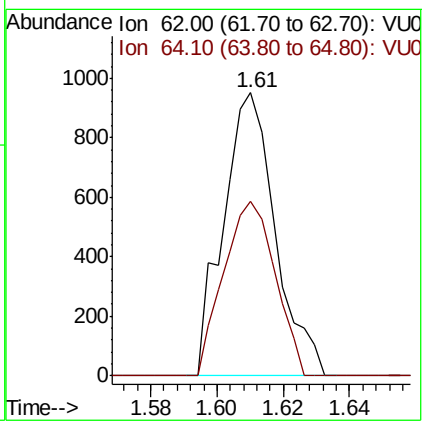


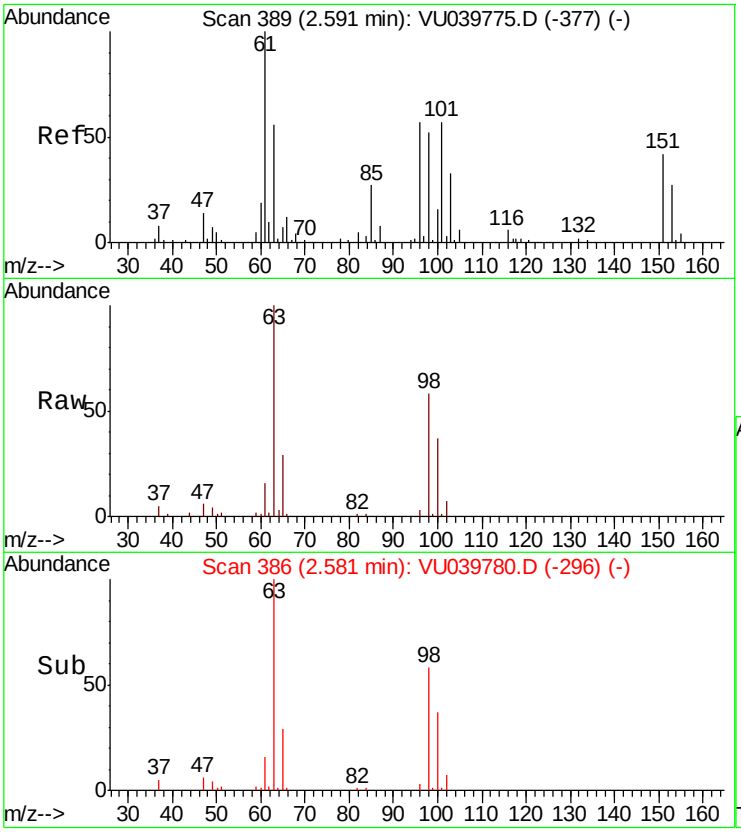


#5
Vinyl chloride
Concen: 0.172 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 62 Resp: 1037

Ion	Ratio	Lower	Upper
62	100		
64	61.8	24.1	44.7#



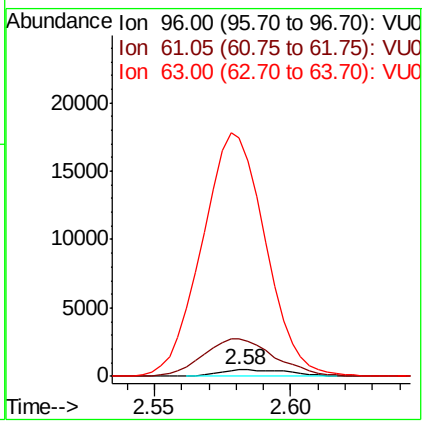


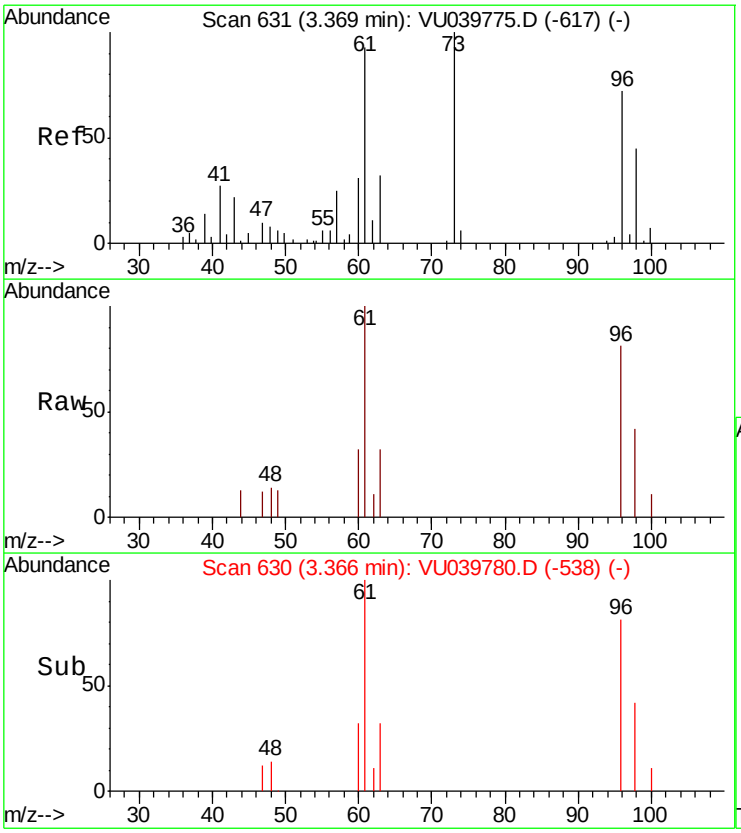
#12
1,1-Dichloroethene
Concen: 0.190 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 840

Ion	Ratio	Lower	Upper
96	100		
61	558.6	121.7	225.9#
63	3552.7	82.1	152.5#

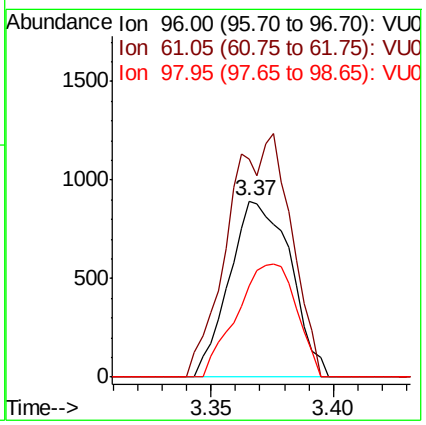


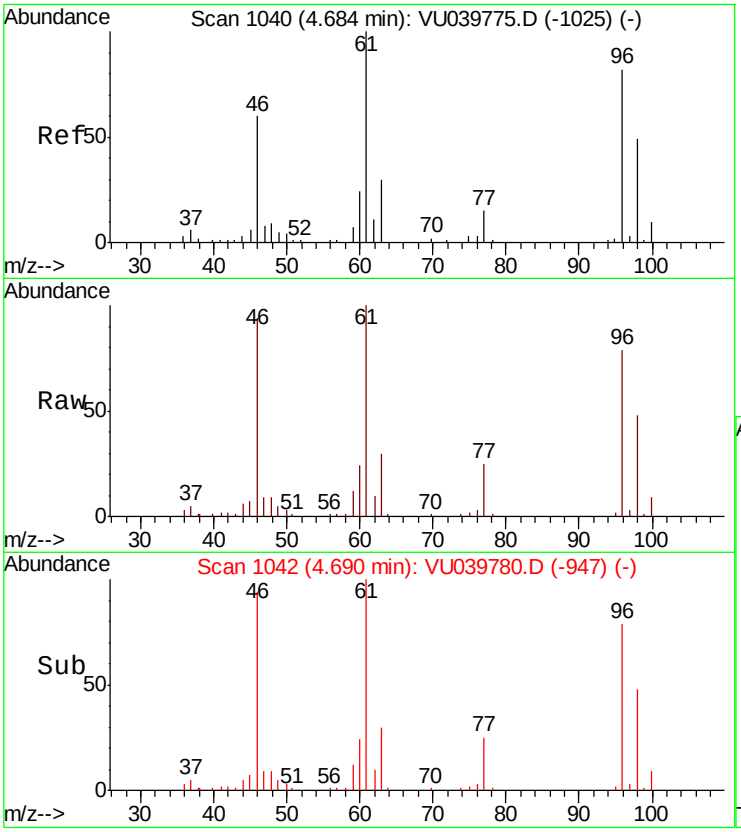


#18
trans-1,2-Dichloroethene
Concen: 0.317 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 96 Resp: 1559

Ion	Ratio	Lower	Upper
96	100		
61	124.1	96.5	179.1
98	51.8	40.9	76.0



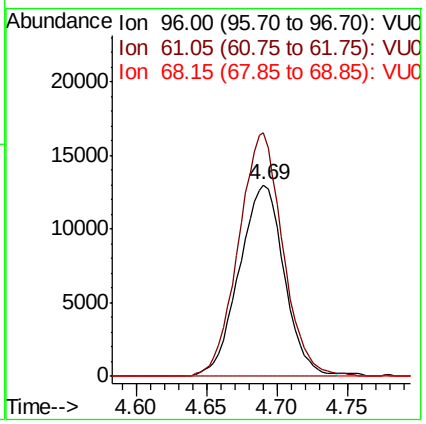


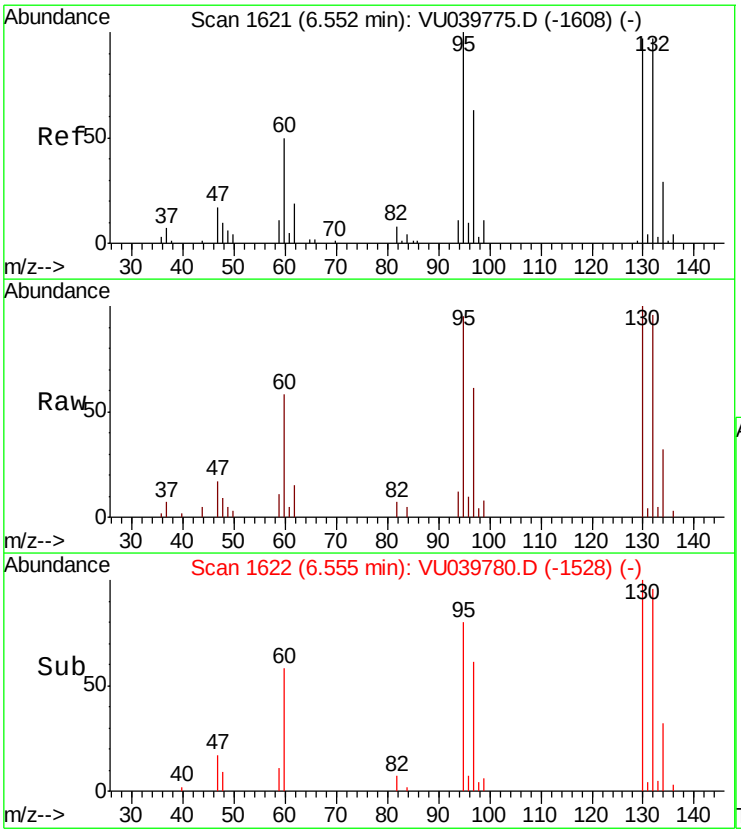
#22
cis-1,2-Dichloroethene
Concen: 5.420 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 28966

Ion	Ratio	Lower	Upper
96	100		
61	127.3	87.4	162.2
68	0.0	0.0	0.0

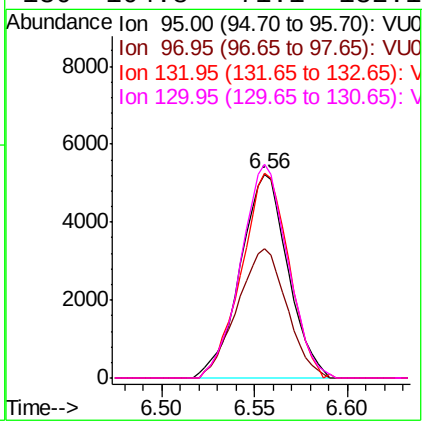


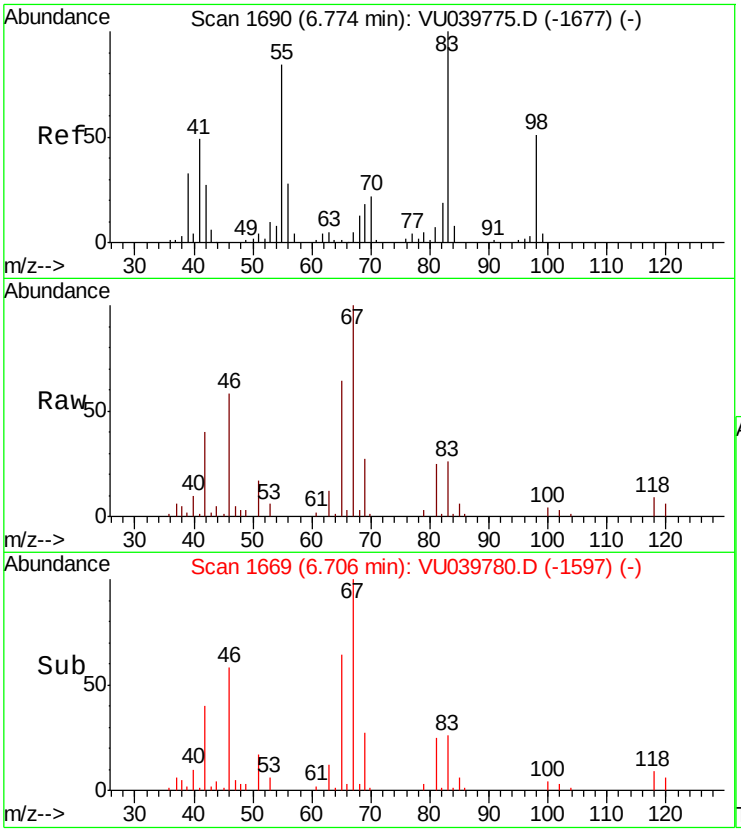


#34
Trichloroethene
Concen: 1.790 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 95 Resp: 9327

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.0	81.8
132	100.6	71.7	133.3
130	104.8	71.1	132.1



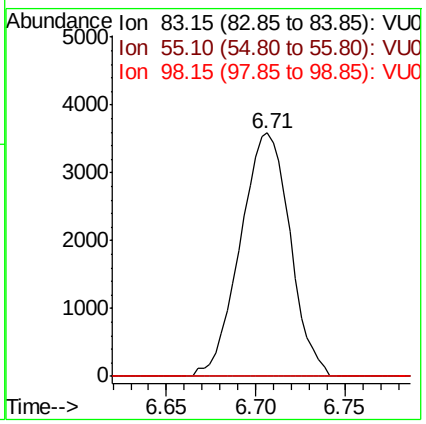


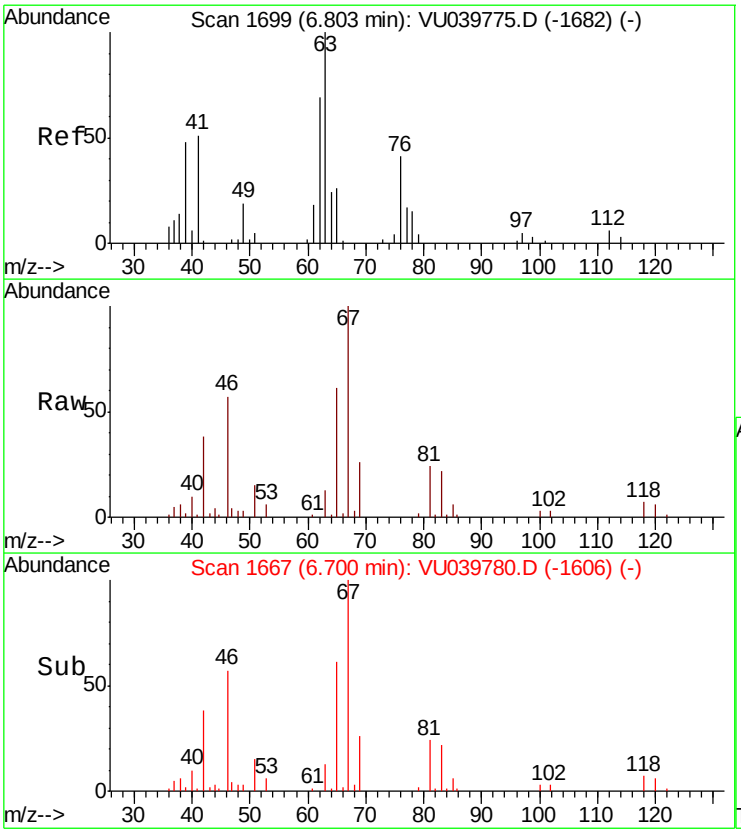
#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6994

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	8.2	39.0	58.4#

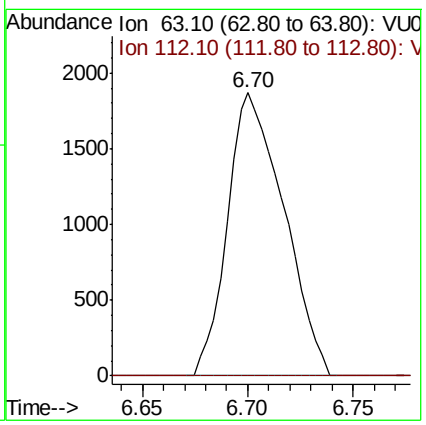


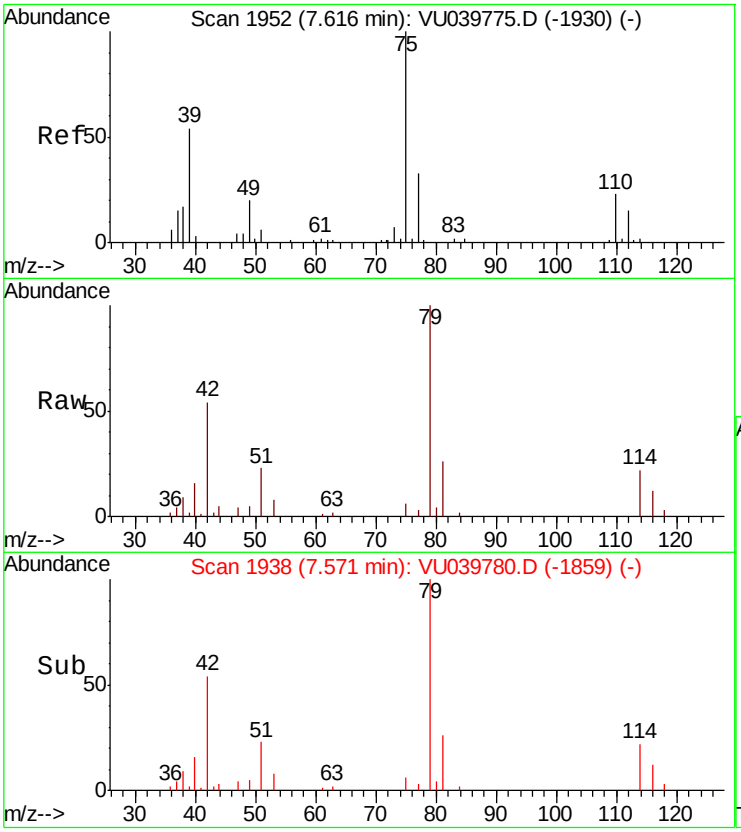


#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 63 Resp: 3454

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



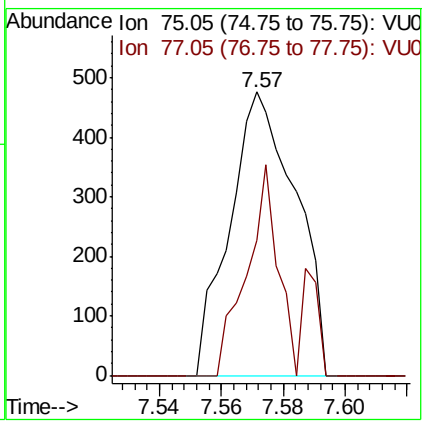


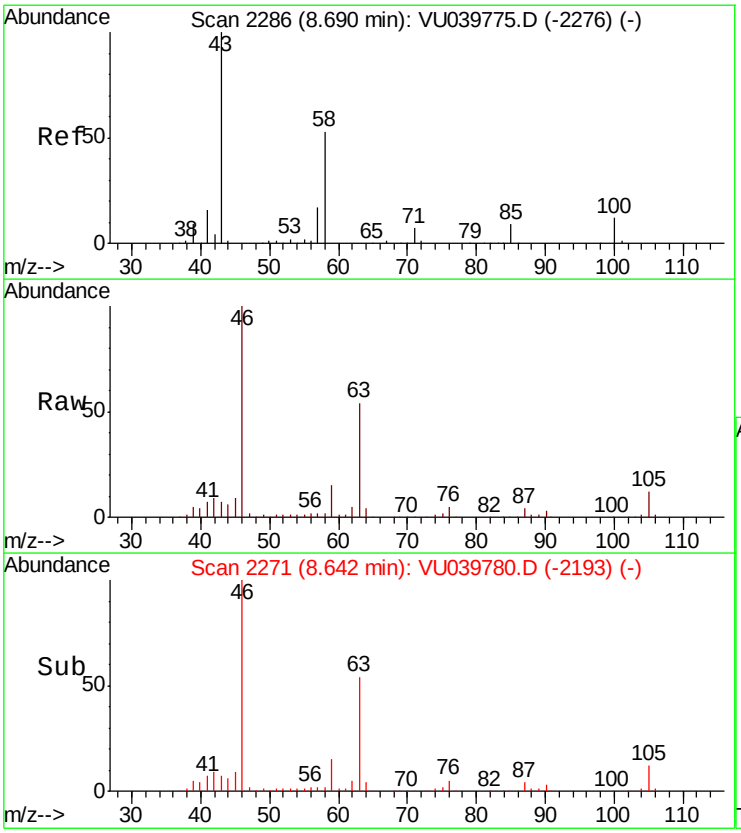
#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 707

Ion	Ratio	Lower	Upper
75	100		
77	47.5	22.4	41.6#

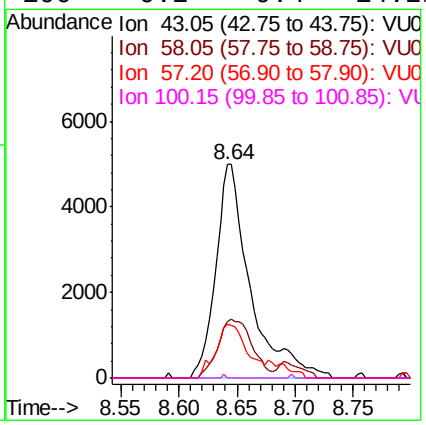


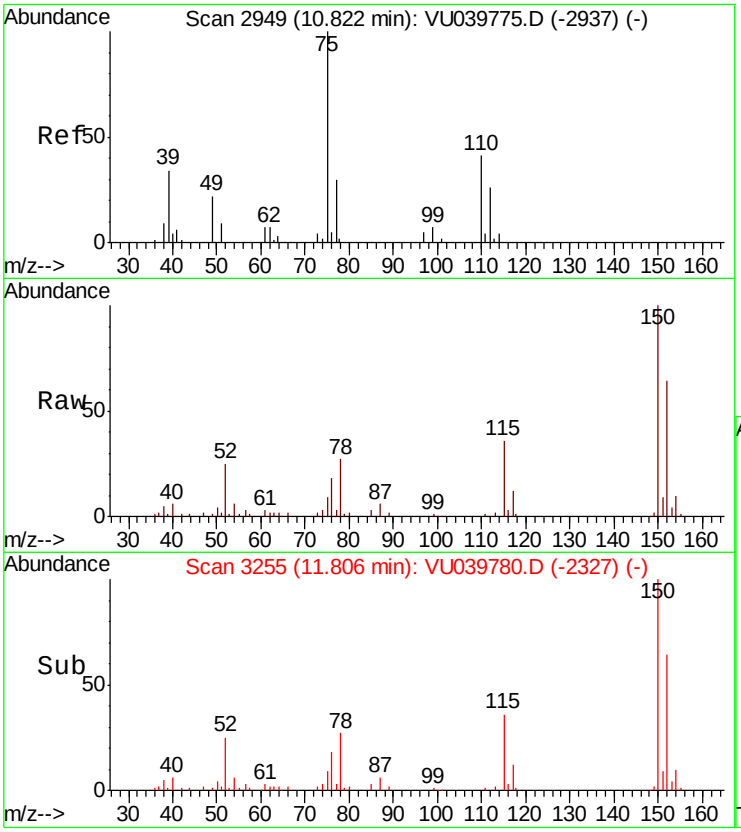


#48
2-Hexanone
Concen: 3.608 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Tgt Ion: 43 Resp: 10375

Ion	Ratio	Lower	Upper
43	100		
58	27.1	41.8	62.8#
57	23.0	14.2	21.4#
100	0.2	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 1.193 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039780.D
Acq: 07 Aug 2020 12:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4586

Ion	Ratio	Lower	Upper
75	100		
77	36.0	24.6	37.0