Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039776.D
Acq On : 07 Aug 2020 10:50
Operator : SY/MD
Sample : VU0807WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:32:22 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	75356	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32425	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17729	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.92	69	19159	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.58	63	26431	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.66	46	96308	53.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.62%			
24) Chloroform-d	5.08	84	44832	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.72	65	27766	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.74	84	77367	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	27394	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.90	98	57626	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.19	79	9879	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.64	63	63355	53.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.18%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27021	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27716	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	469	0.104	ug/L #	43
12) 1,1-Dichloroethene	2.57	96	316	0.070	ug/L #	1
16) Methylene chloride	3.06	84	1042	0.144	ug/L	84
22) cis-1,2-Dichloroethene	4.68	96	1727	0.317	ug/L	87
35) Methylcyclohexane	6.70	83	6270	0.794	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3122	0.617	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	634	0.092	ug/L #	36
48) 2-Hexanone	8.69	43	2514	0.921	ug/L #	90
59) 1,2,3-Trichloropropane	11.81	75	4503	1.234	ug/L #	88
68) 1,2,4-trichlorobenzene	13.83	180	490	0.081	ug/L #	87
69) Naphthalene	14.08	128	1600	0.148	ug/L #	91

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

Quantitation Report (Not Reviewed)

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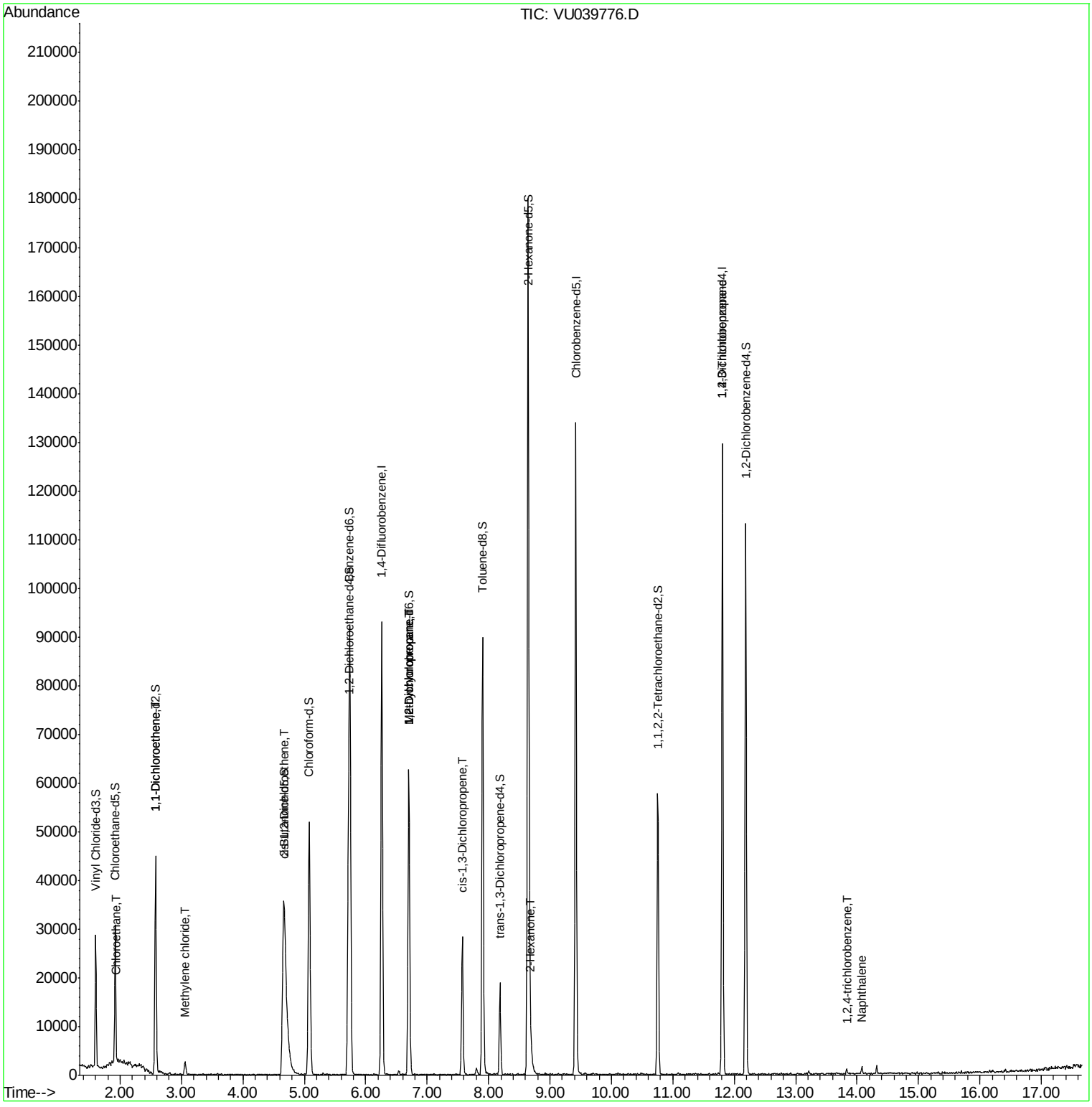
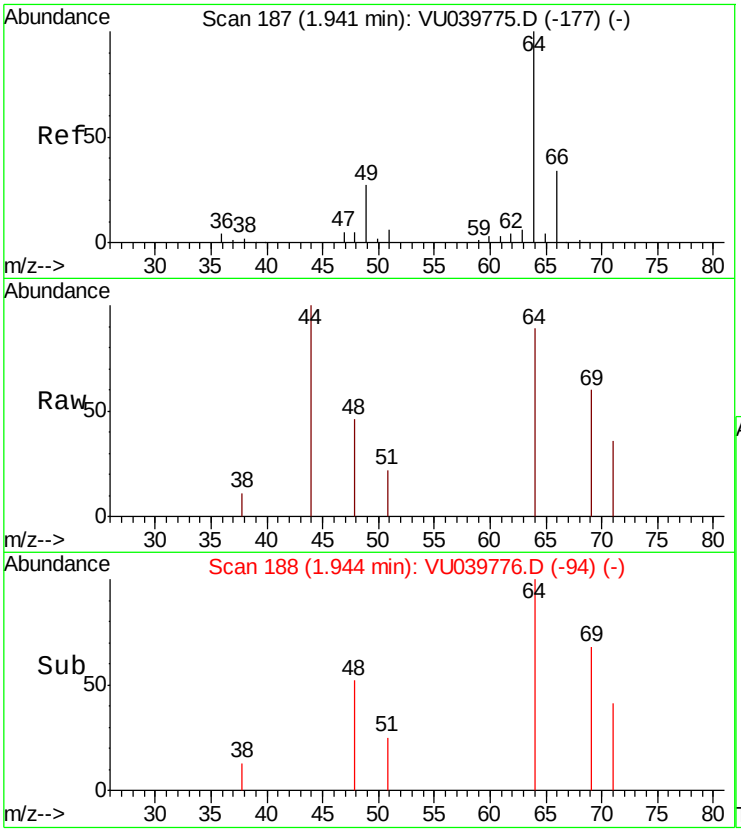
Acq On : 07 Aug 2020 10:50
Operator : SY/MD
Sample : VU0807WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:32:22 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



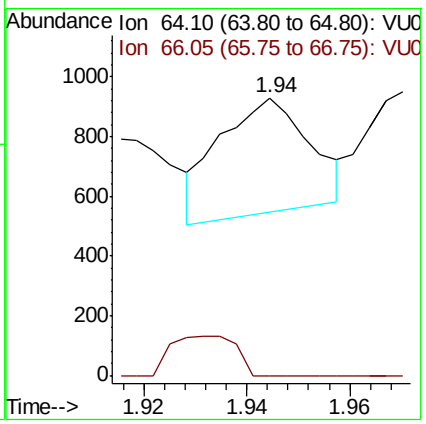


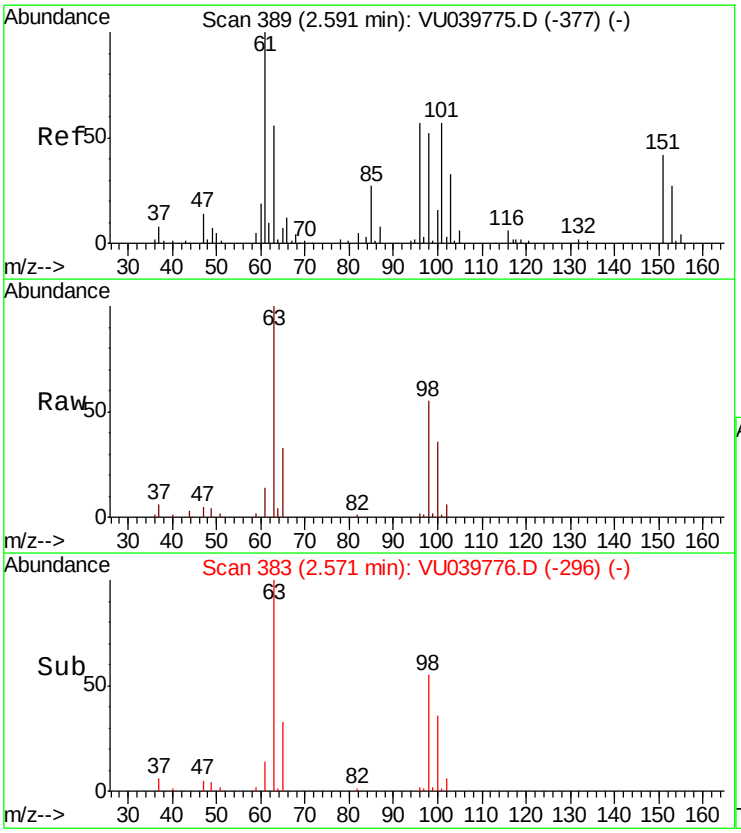
#8
Chloroethane
Concen: 0.104 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 469

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.3#

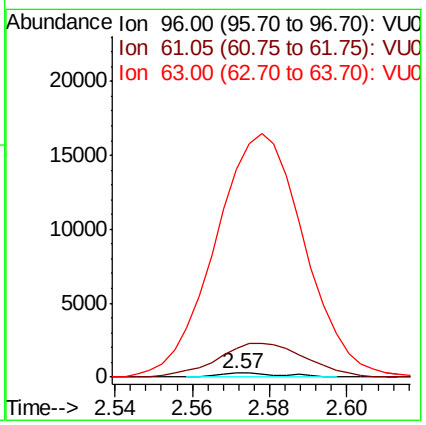


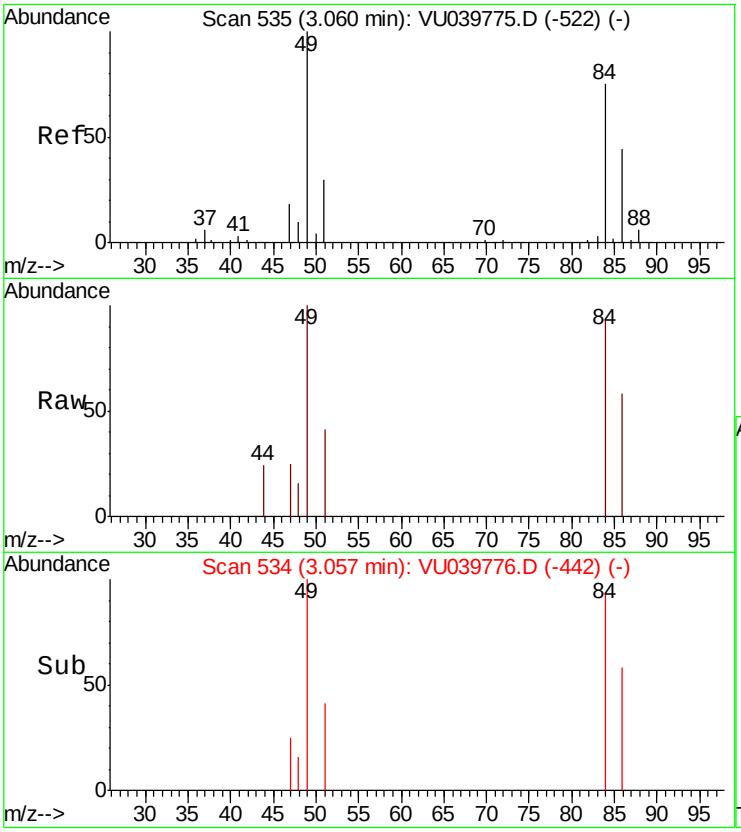


#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Tgt Ion: 96 Resp: 316

Ion	Ratio	Lower	Upper
96	100		
61	702.5	121.7	225.9#
63	4997.5	82.1	152.5#



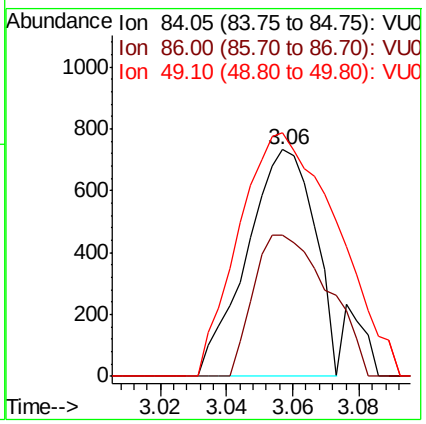


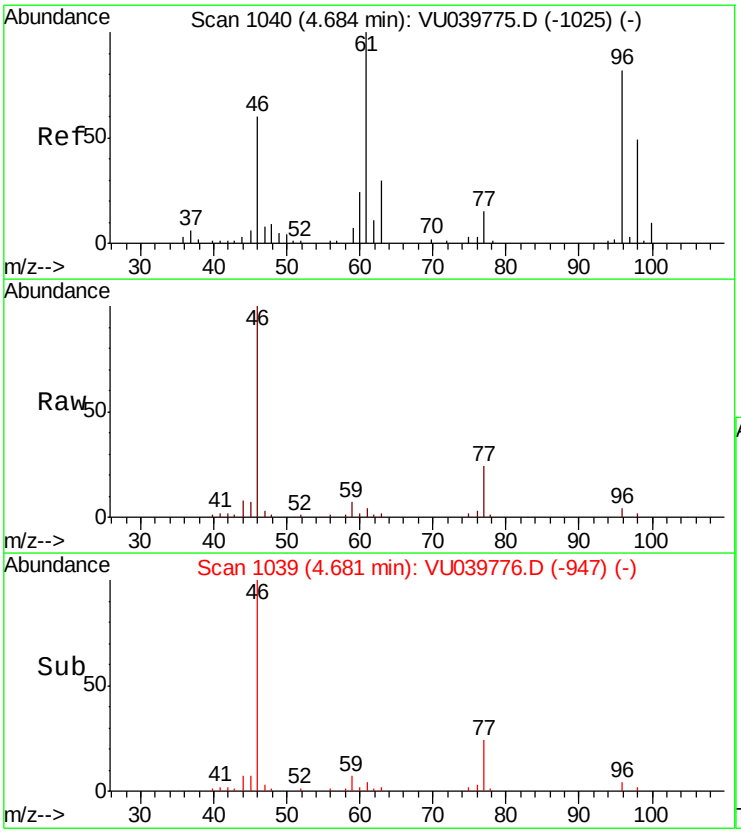
#16
Methylene chloride
Concen: 0.144 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 1042

Ion	Ratio	Lower	Upper
84	100		
86	62.2	43.9	81.5
49	107.4	94.4	175.4

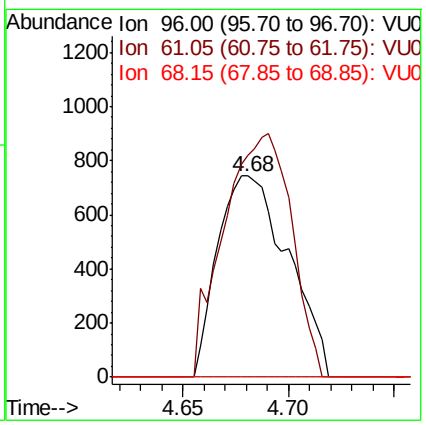


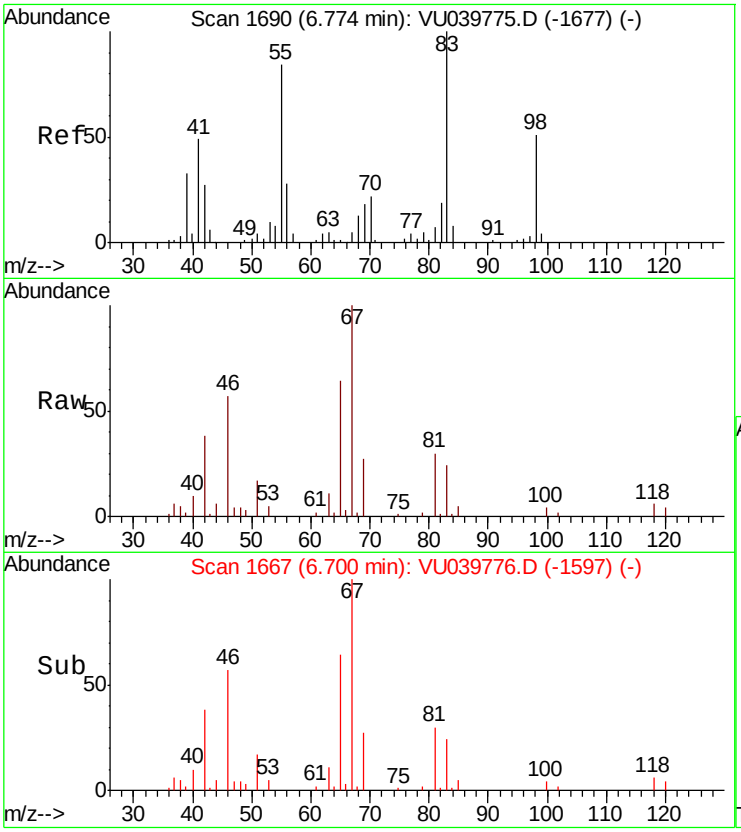


#22
cis-1,2-Dichloroethene
Concen: 0.317 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Tgt Ion: 96 Resp: 1727

Ion	Ratio	Lower	Upper
96	100		
61	110.1	87.4	162.2
68	0.0	0.0	0.0



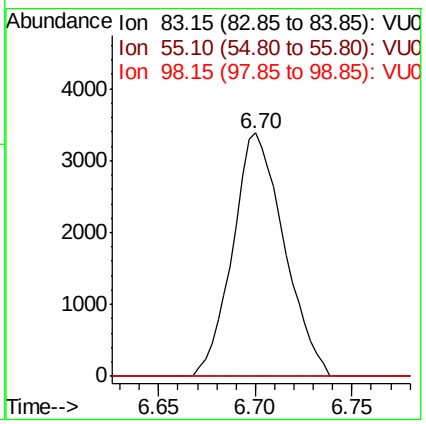


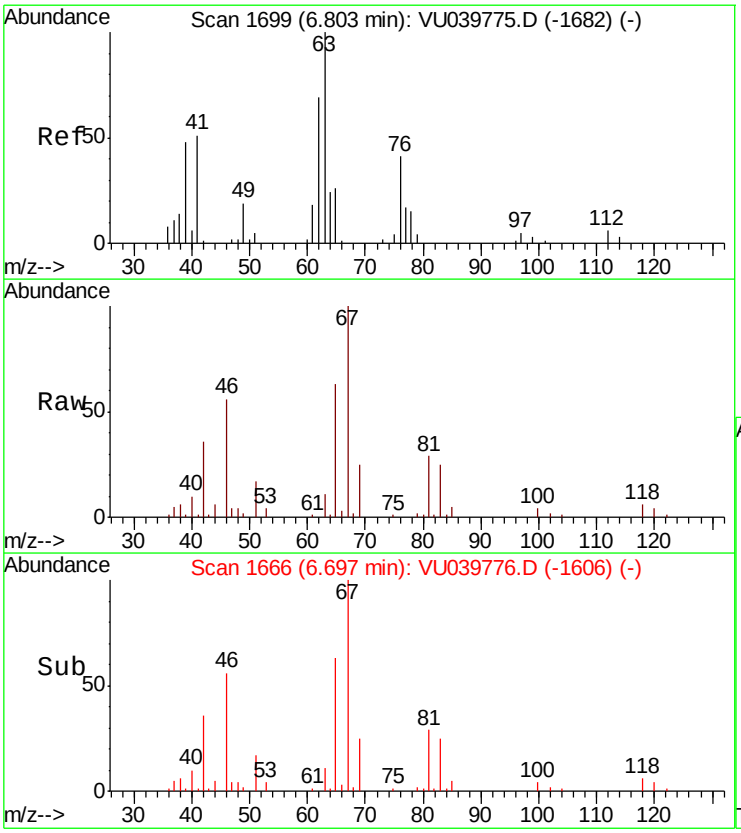
#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6270

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.3	39.0	58.4#

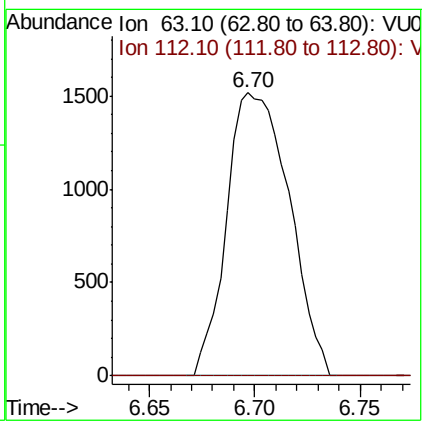


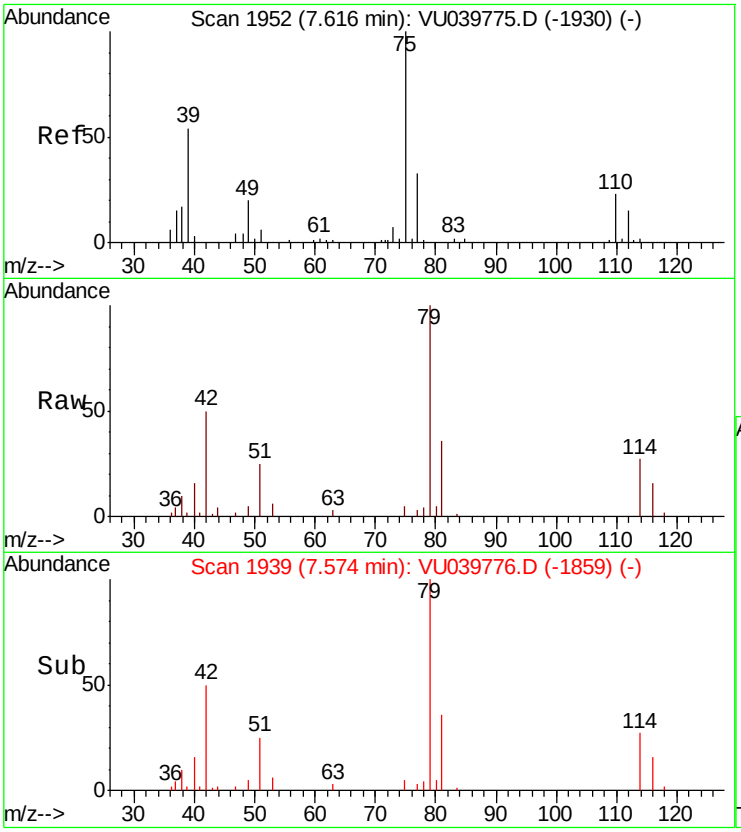


#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.11 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Tgt Ion: 63 Resp: 3122

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



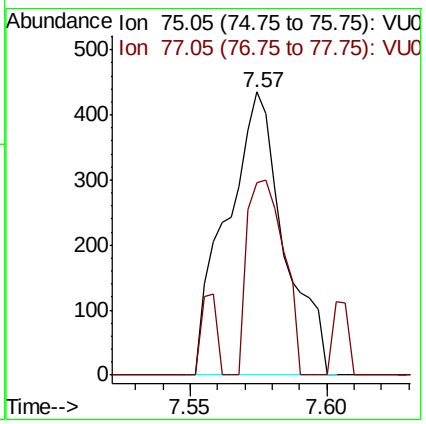


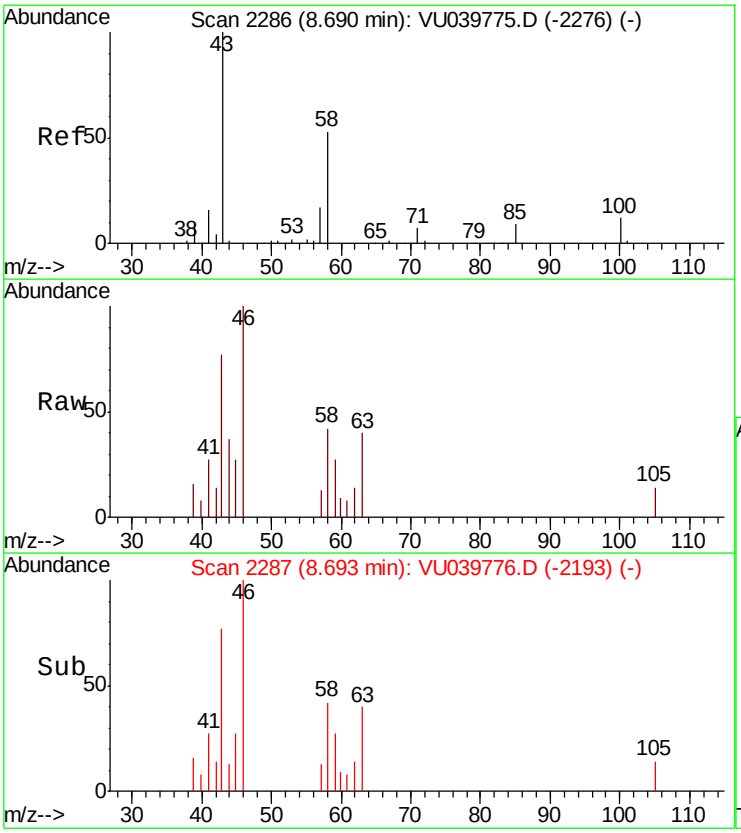
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 634

Ion	Ratio	Lower	Upper
75	100		
77	67.8	22.4	41.6#

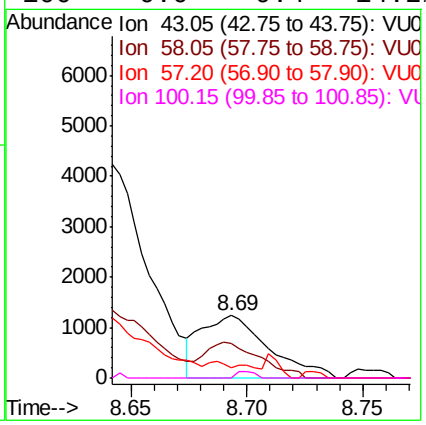


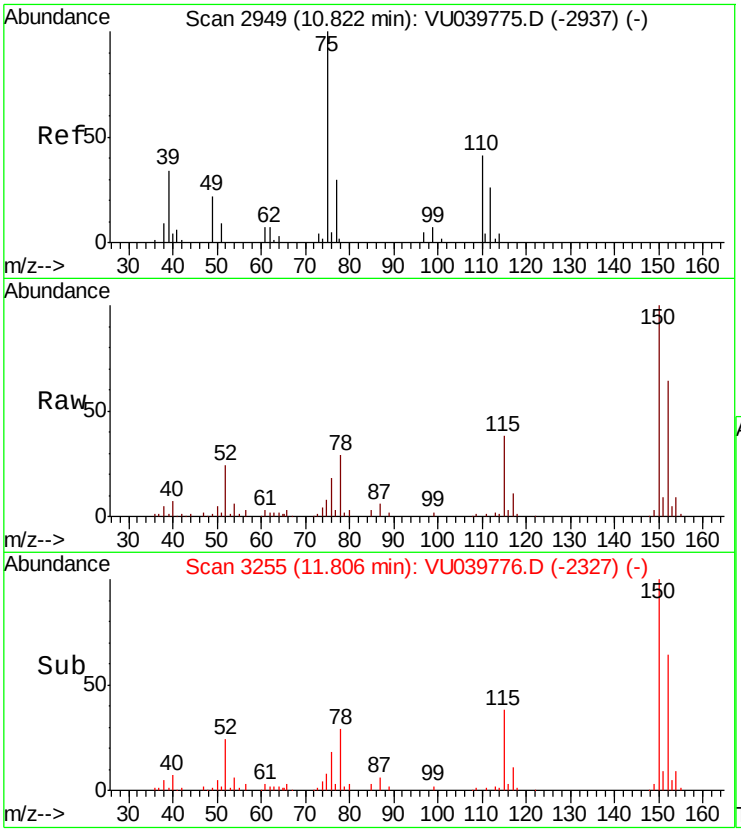


#48
2-Hexanone
Concen: 0.921 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Tgt Ion: 43 Resp: 2514

Ion	Ratio	Lower	Upper
43	100		
58	48.4	41.8	62.8
57	13.8	14.2	21.4#
100	0.0	9.4	14.2#



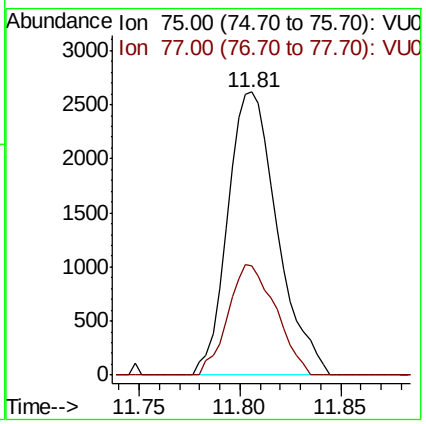


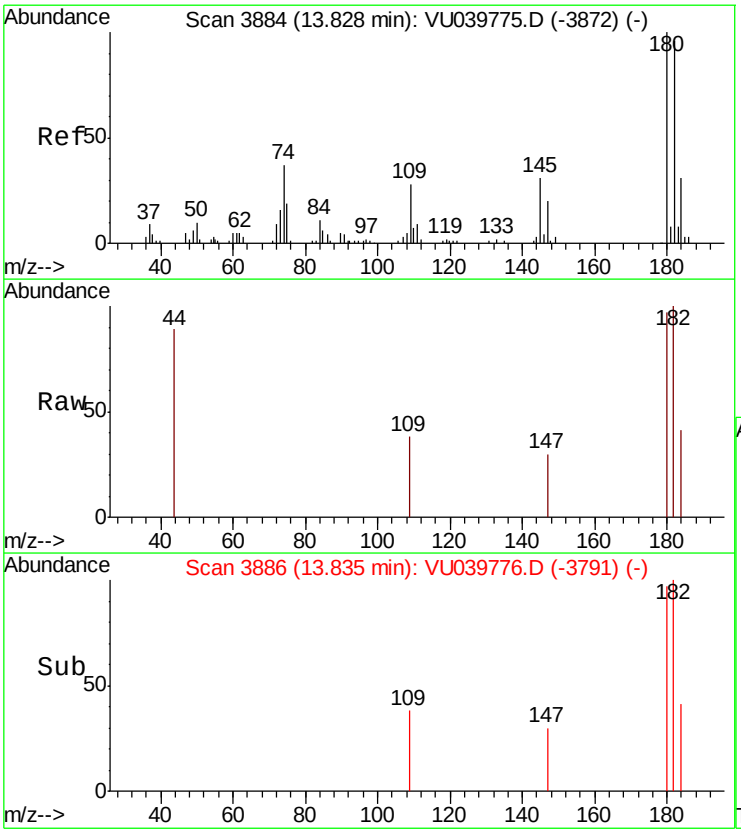
#59
1,2,3-Trichloropropane
Concen: 1.234 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4503

Ion	Ratio	Lower	Upper
75	100		
77	37.6	24.6	37.0#

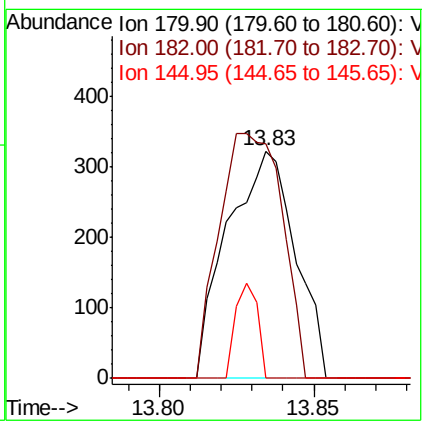


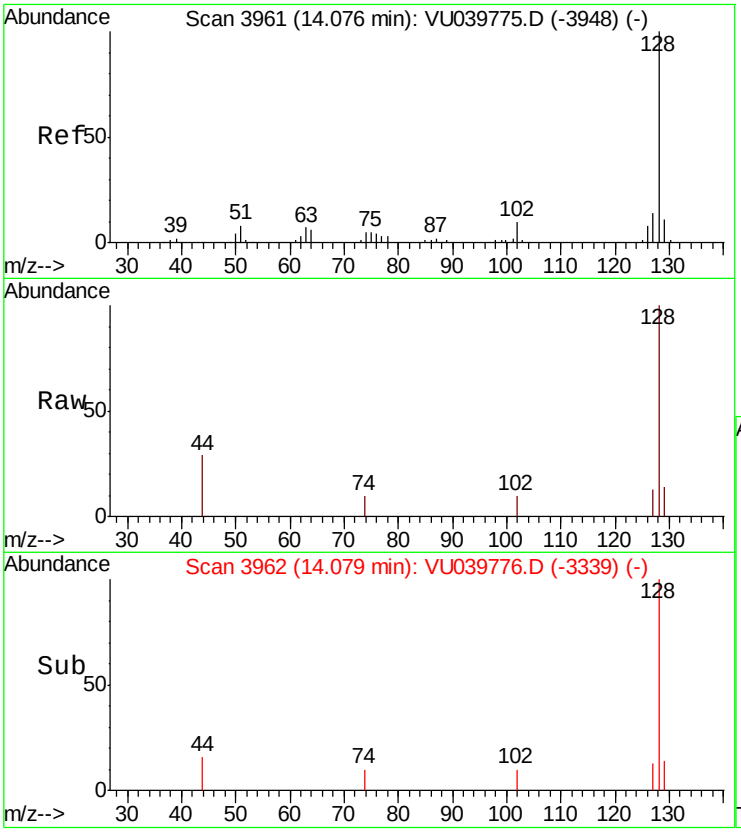


#68
1,2,4-trichlorobenzene
Concen: 0.081 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.01 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Tgt Ion:180 Resp: 490

Ion	Ratio	Lower	Upper
180	100		
182	100.4	75.7	113.5
145	13.5	25.1	37.7#





#69
Naphthalene
Concen: 0.148 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039776.D
Acq: 07 Aug 2020 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1600

Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.9	13.3#
127	9.1	10.1	15.1#