Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039785.D
Acq On : 07 Aug 2020 14:30
Operator : SY/MD
Sample : L3572-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:33:34 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	71807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31195	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17159	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.92	69	17266	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.57	63	24181	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	4.67	46	92244	54.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.18%			
24) Chloroform-d	5.08	84	45078	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	28054	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.74	84	76010	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.70	67	27930	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.91	98	56355	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%			
43) trans-1,3-Dichloropropene-	8.19	79	8644	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
46) 2-Hexanone-d5	8.64	63	63208	55.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26209	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27786	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	97087	16.629	ug/L	95
13) Acetone	2.69	43	4100	4.078	ug/L	60
16) Methylene chloride	3.06	84	502	0.073	ug/L #	87
18) trans-1,2-Dichloroethene	3.37	96	1744	0.366	ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	130742	25.207	ug/L	99
34) Trichloroethene	6.55	95	1979	0.412	ug/L	93
35) Methylcyclohexane	6.70	83	6589	0.859	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3198	0.651	ug/L #	86
42) Toluene	7.97	91	5091	0.262	ug/L	95
47) Tetrachloroethene	8.56	164	1122	0.283	ug/L	88
49) Dibromochloromethane	8.55	129	1080	0.238	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	4280	1.207	ug/L #	73

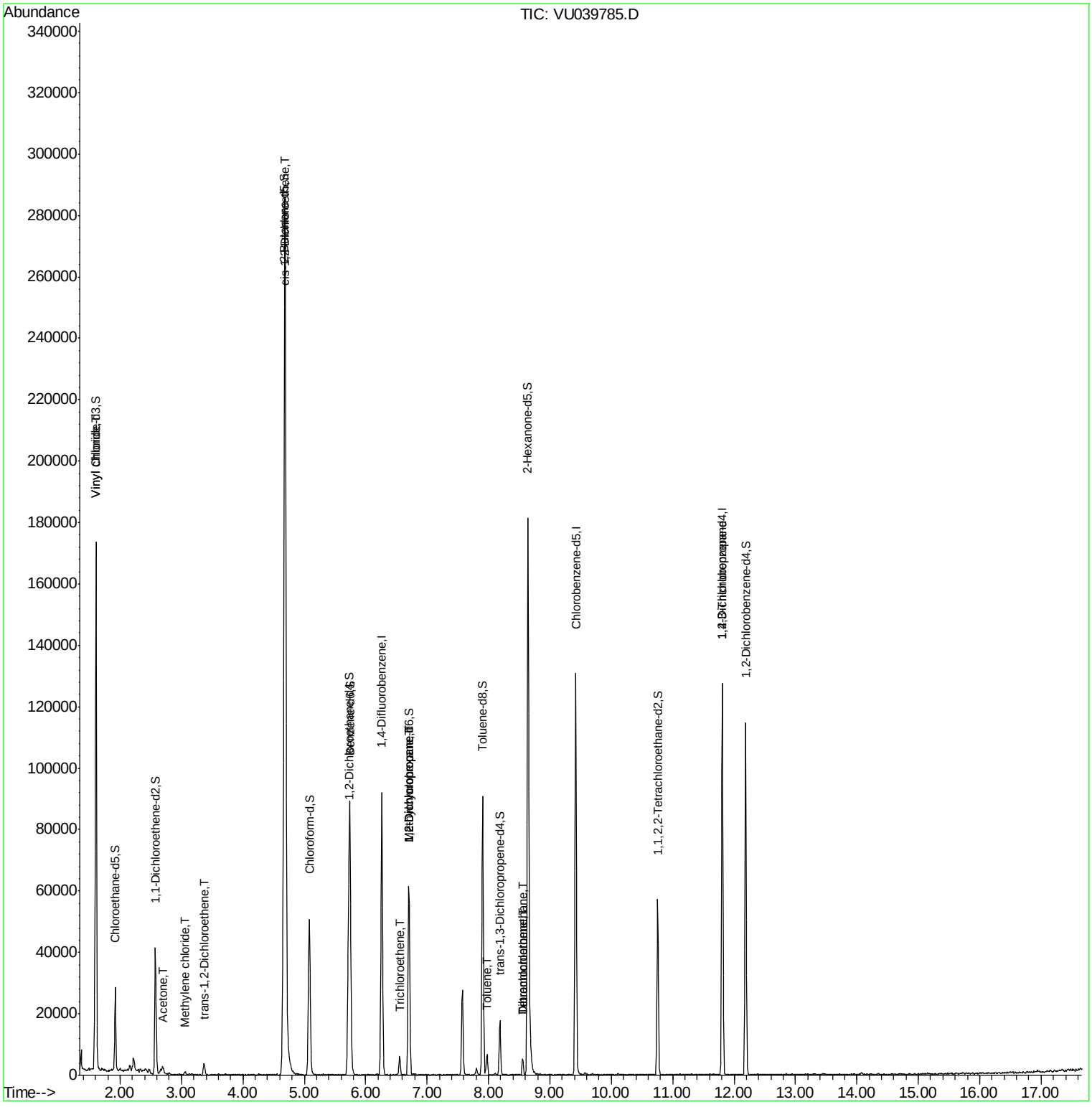
(#) = qualifier out of range (m) = manual integration (+) = signals summed

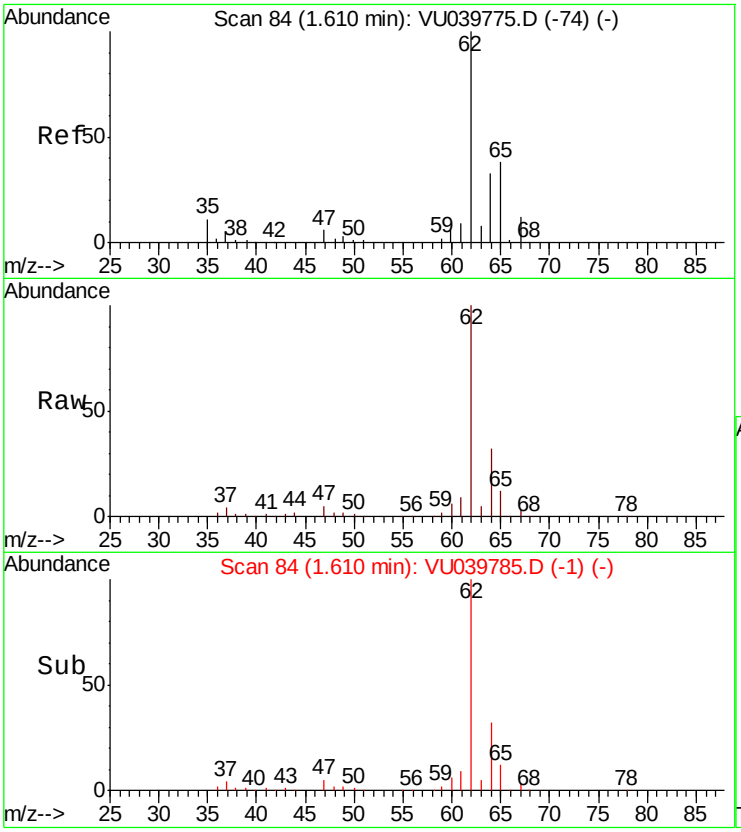
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039785.D
Acq On : 07 Aug 2020 14:30
Operator : SY/MD
Sample : L3572-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:33:34 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



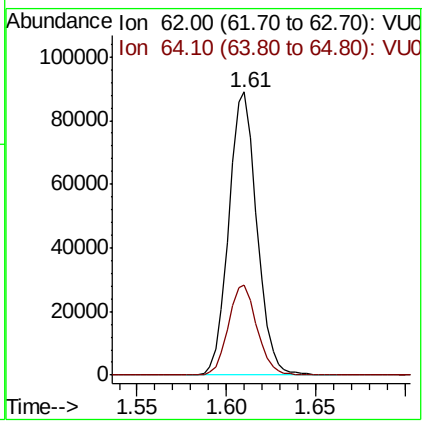


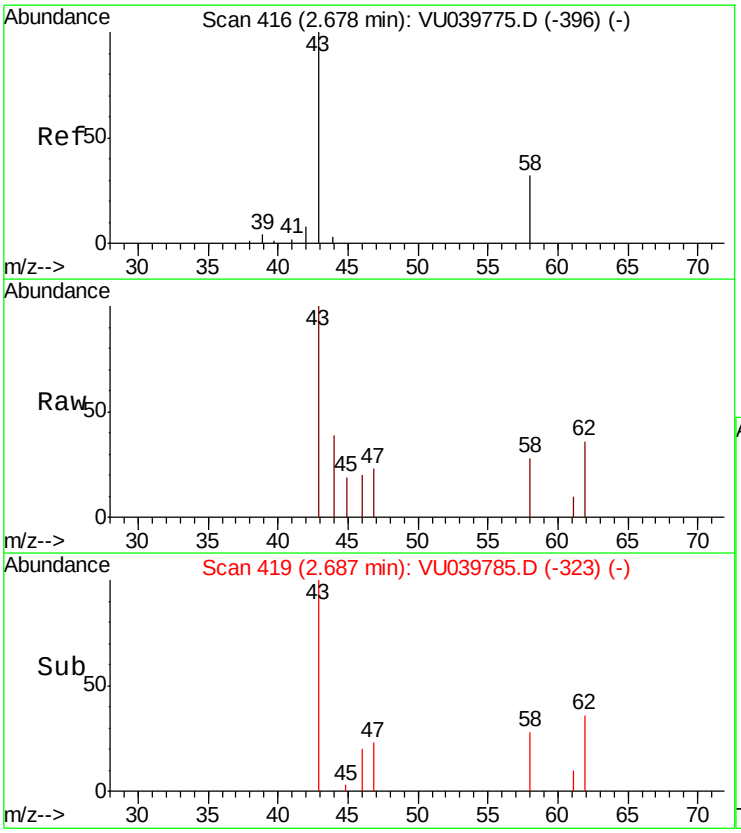
#5
Vinyl chloride
Concen: 16.629 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 97087

Ion	Ratio	Lower	Upper
62	100		
64	31.6	24.1	44.7

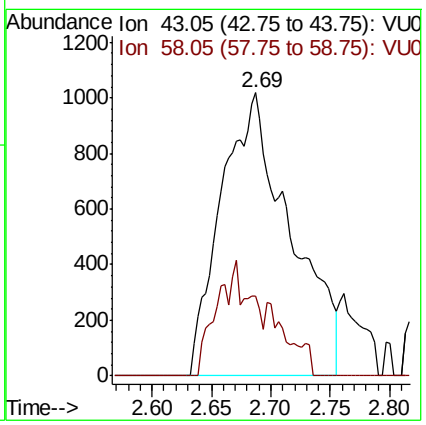


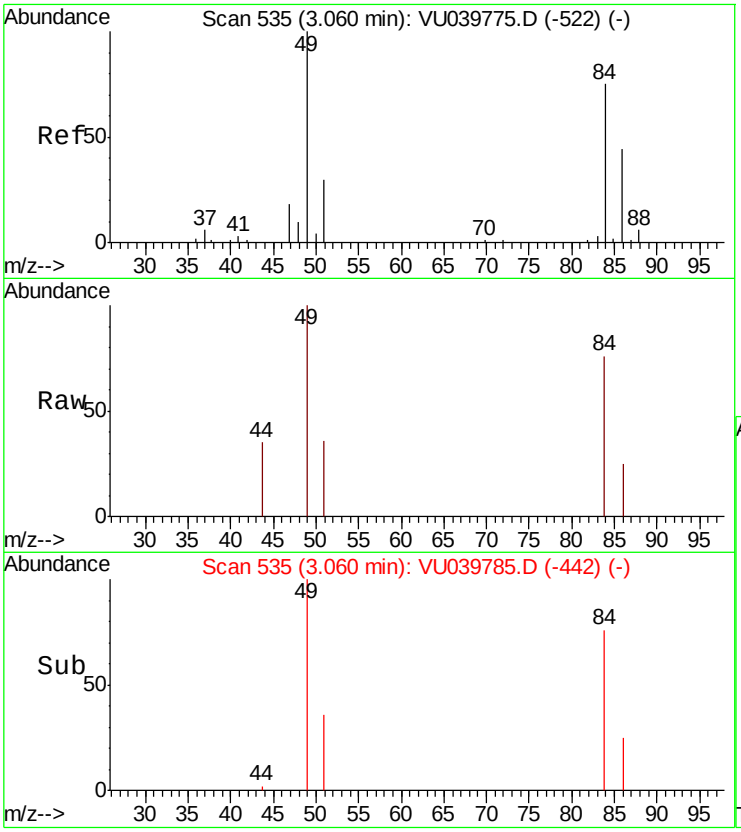


#13
Acetone
Concen: 4.078 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.01 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion: 43 Resp: 4100

Ion	Ratio	Lower	Upper
43	100		
58	8.7	0.0	61.8



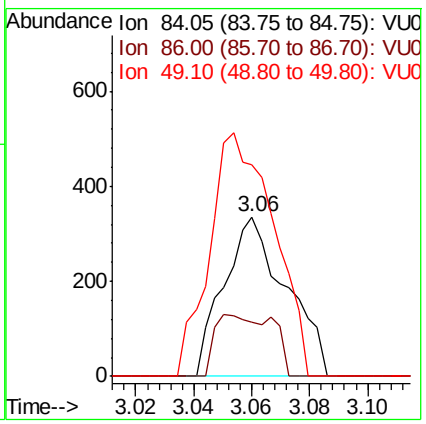


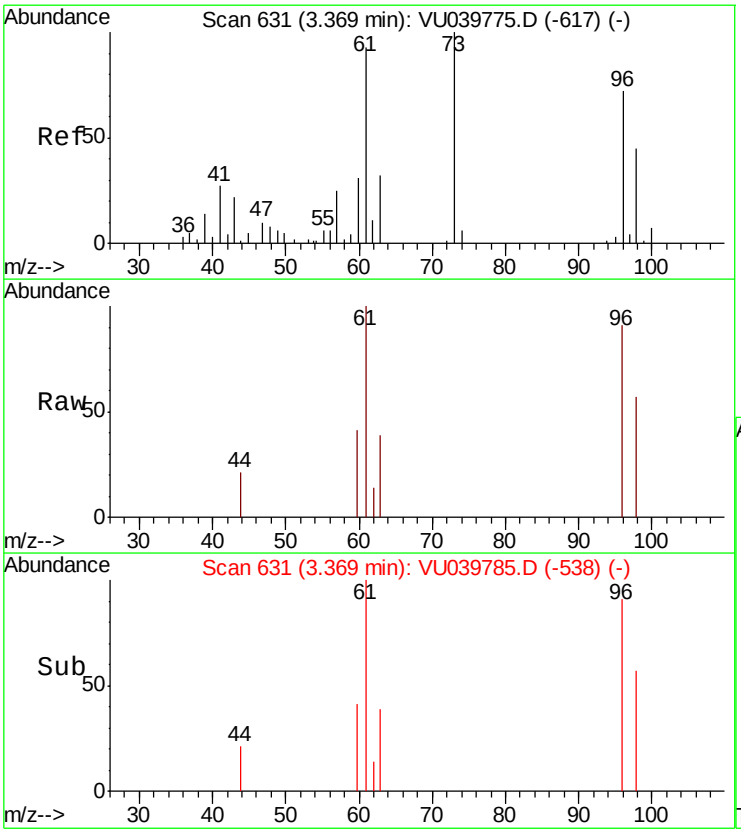
#16
Methylene chloride
Concen: 0.073 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 502

Ion	Ratio	Lower	Upper
84	100		
86	33.6	43.9	81.5#
49	132.4	94.4	175.4

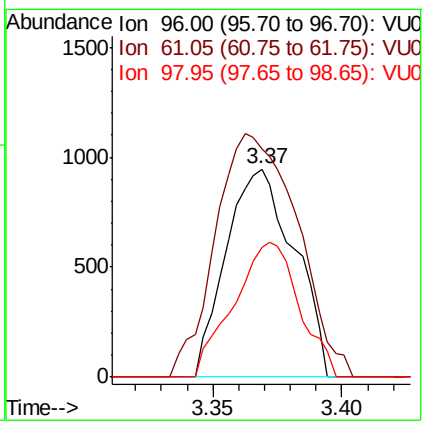


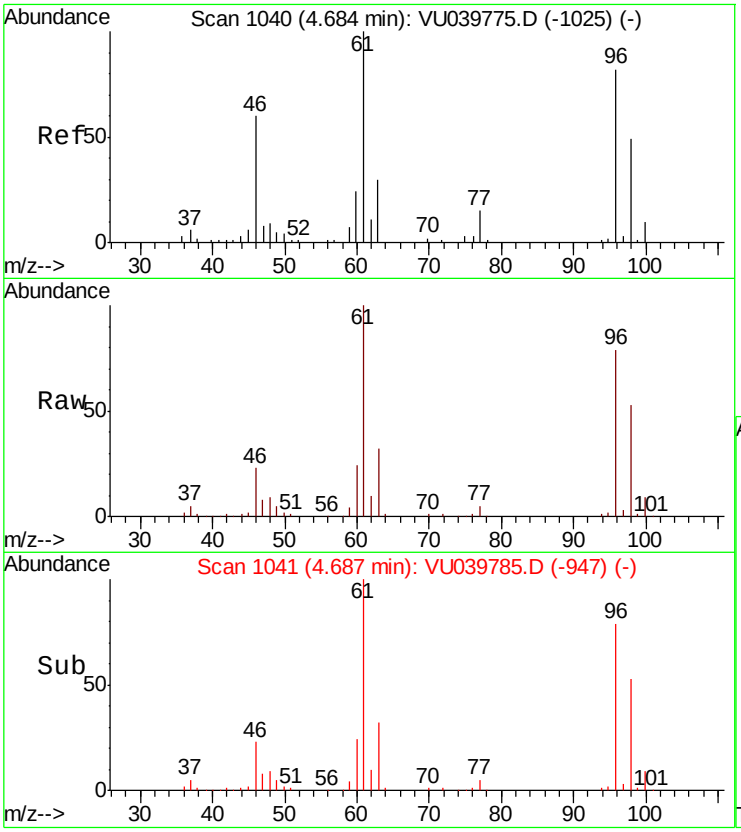


#18
trans-1,2-Dichloroethene
Concen: 0.366 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion: 96 Resp: 1744

Ion	Ratio	Lower	Upper
96	100		
61	110.1	96.5	179.1
98	62.5	40.9	76.0



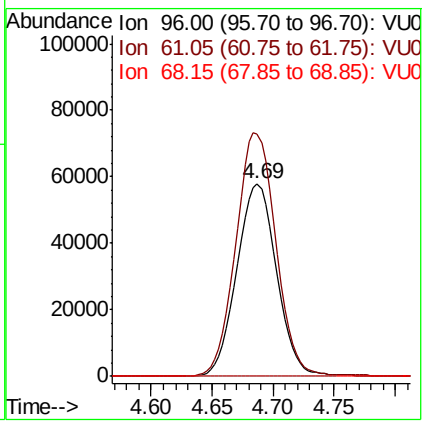


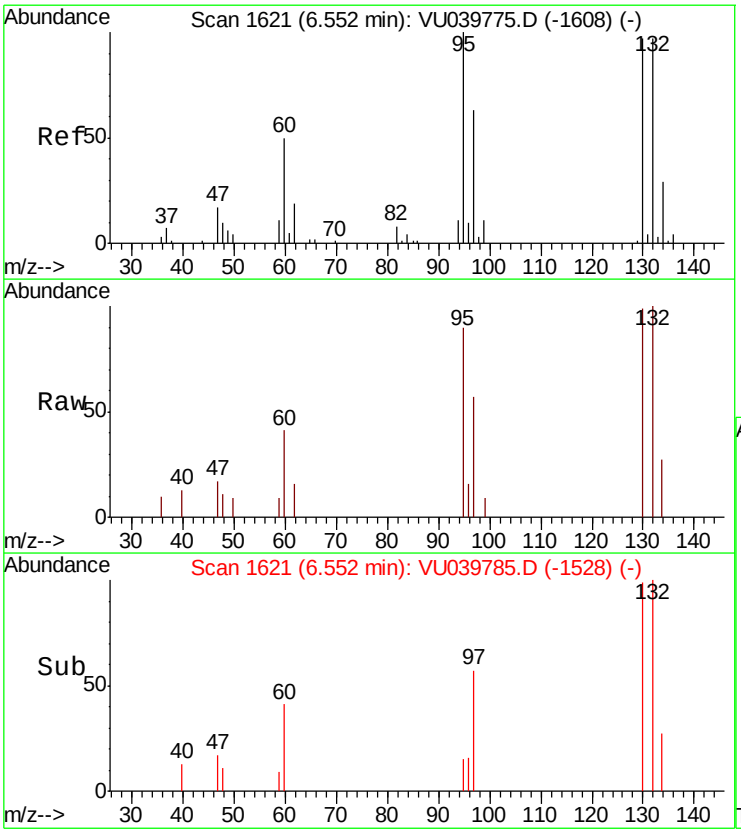
#22
cis-1,2-Dichloroethene
Concen: 25.207 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 130742

Ion	Ratio	Lower	Upper
96	100		
61	126.0	87.4	162.2
68	0.0	0.0	0.0

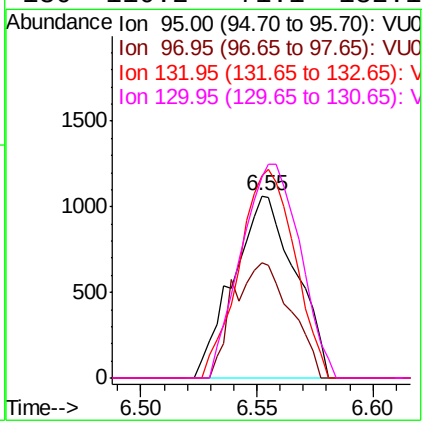


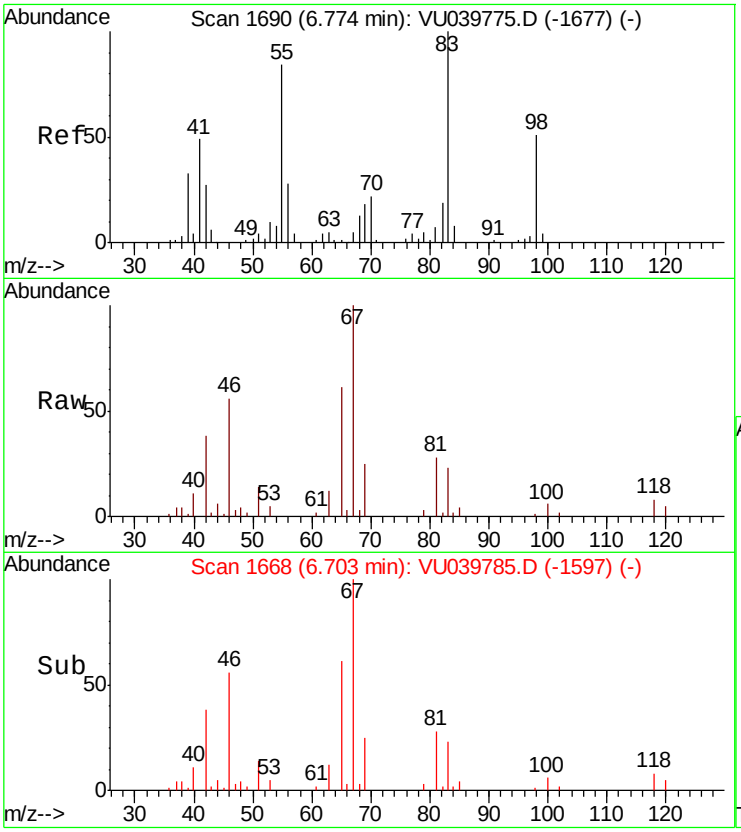


#34
Trichloroethene
Concen: 0.412 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion: 95 Resp: 1979

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.0	81.8
132	111.2	71.7	133.3
130	110.2	71.1	132.1



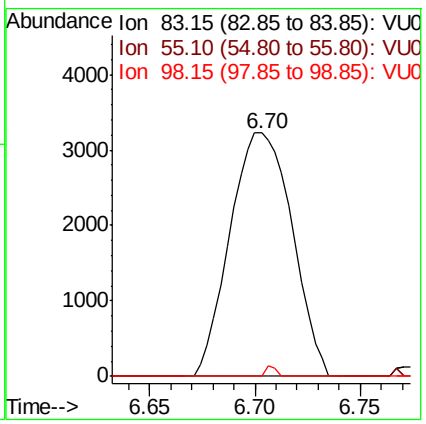


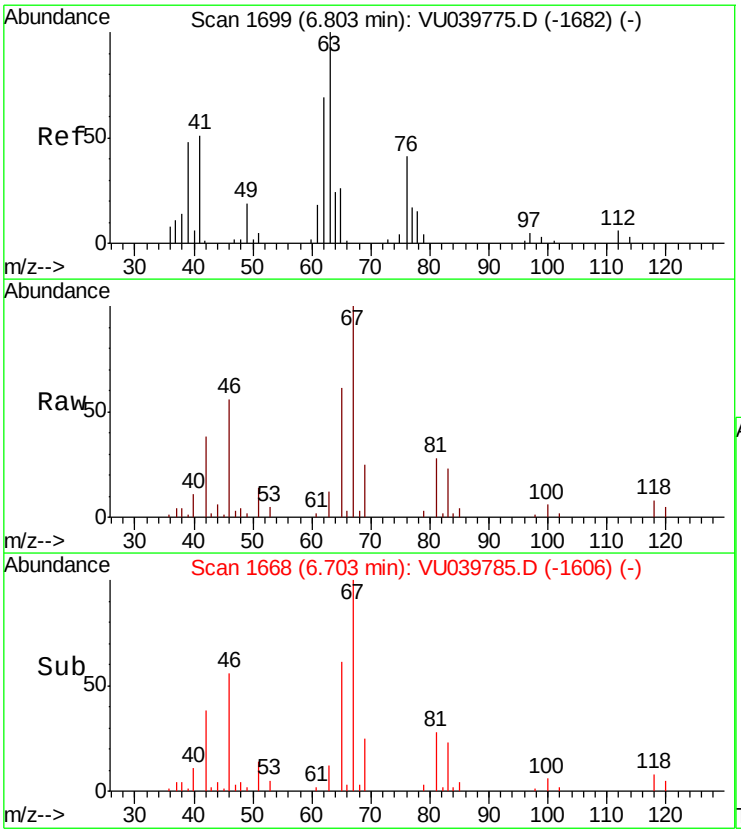
#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6589

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.4	89.0#
98	0.7	39.0	58.4#

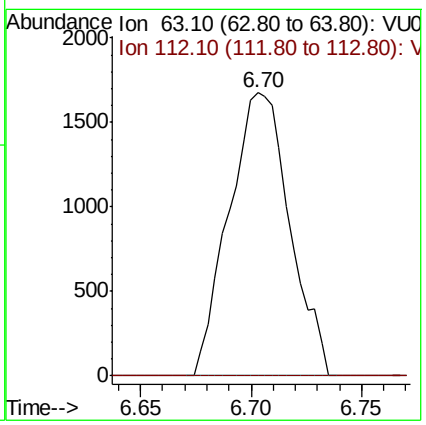


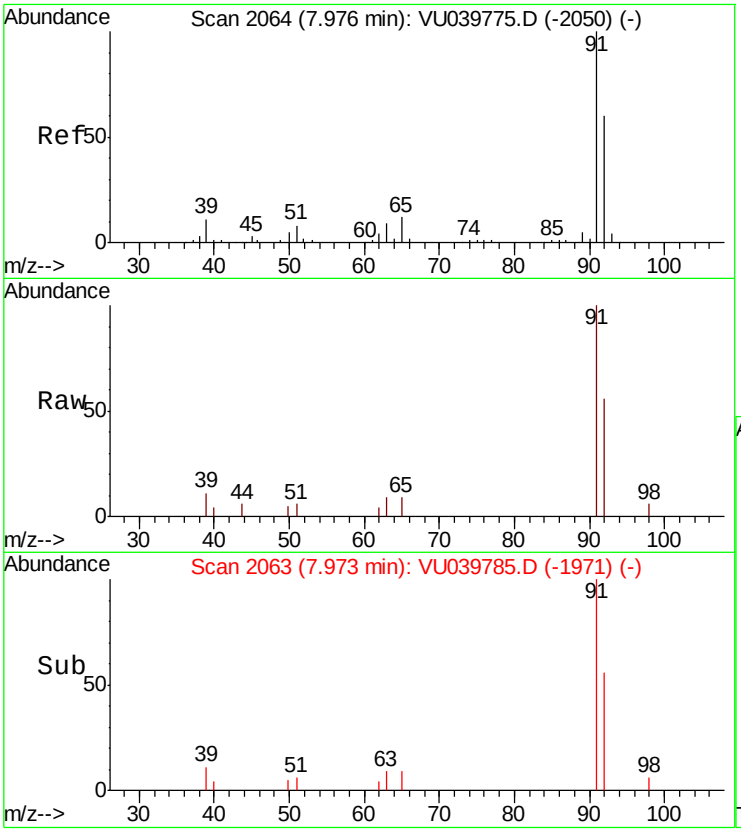


#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion: 63 Resp: 3198

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



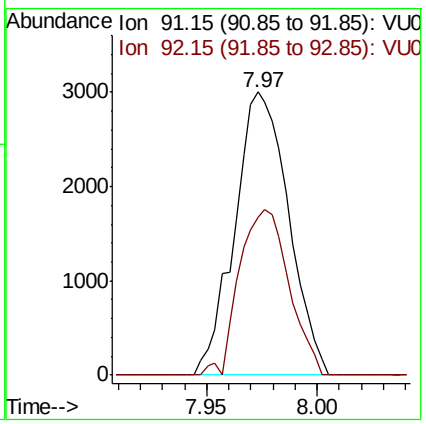


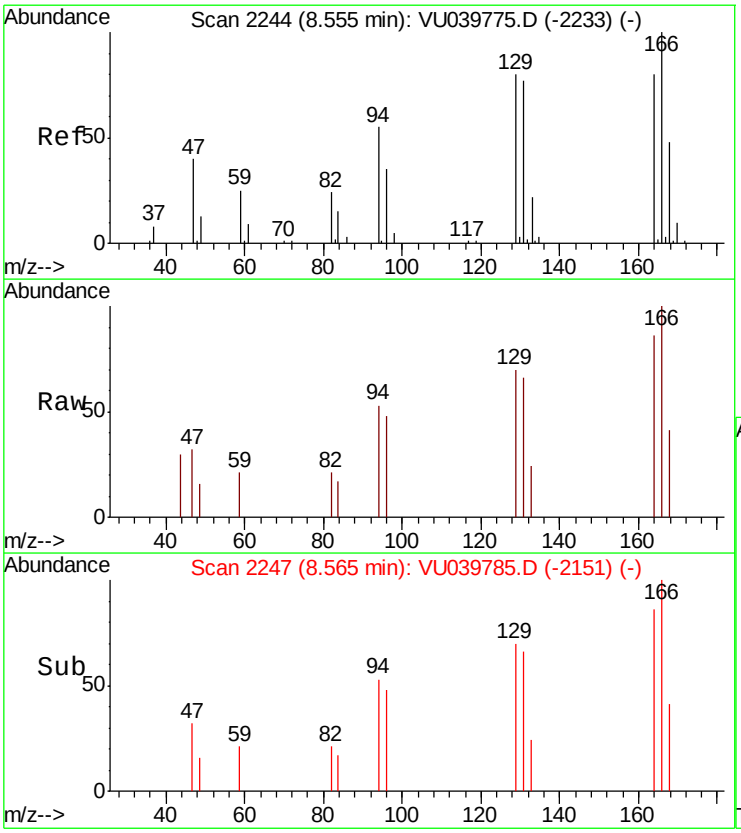
#42
Toluene
Concen: 0.262 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 5091

Ion	Ratio	Lower	Upper
91	100		
92	55.8	41.6	77.3

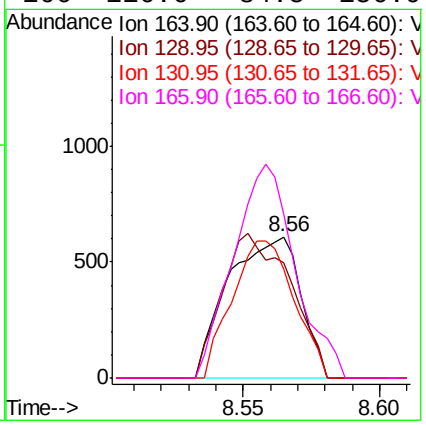


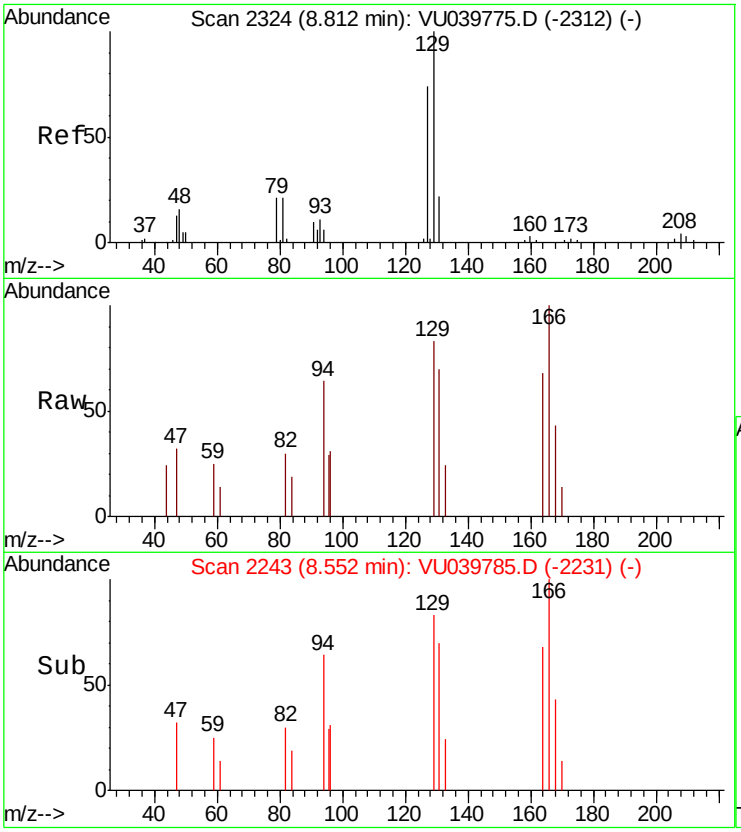


#47
Tetrachloroethene
Concen: 0.283 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion:164 Resp: 1122

Ion	Ratio	Lower	Upper
164	100		
129	81.9	65.9	122.5
131	77.0	68.1	126.5
166	116.6	84.5	156.9



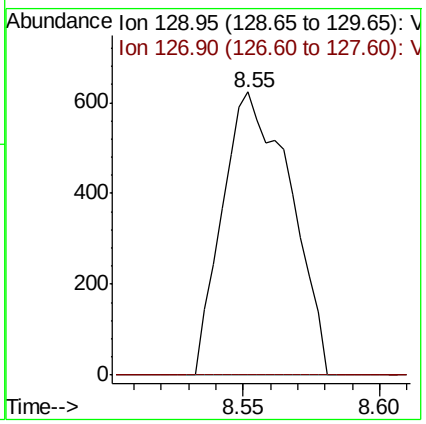


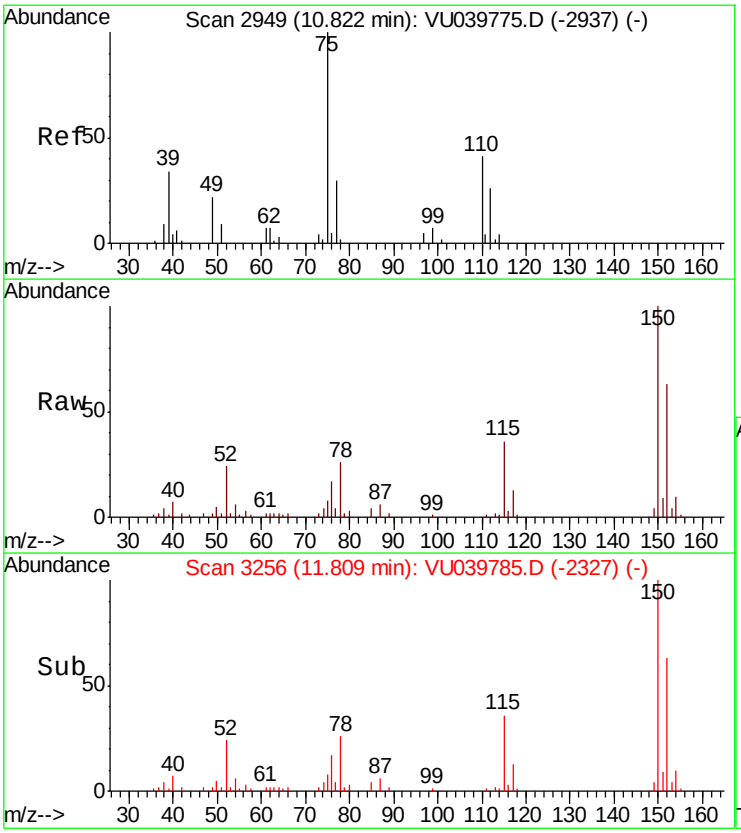
#49
Dibromochloromethane
Concen: 0.238 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.26 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 1080

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#





#59
1,2,3-Trichloropropane
Concen: 1.207 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039785.D
Acq: 07 Aug 2020 14:30

Tgt Ion: 75 Resp: 4280

Ion	Ratio	Lower	Upper
75	100		
77	45.7	24.6	37.0#