Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039297.D
Acq On : 06 Jul 2020 17:33
Operator : SY/MD
Sample : L3193-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4270

Quant Time: Jul 07 01:20:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120787	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53120	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48159	5.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.60%			
7) Chloroethane-d5	1.92	69	39888	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.58	63	66942	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%			
20) 2-Butanone-d5	4.66	46	190383	54.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.76%			
24) Chloroform-d	5.08	84	90037	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.72	65	56365	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.75	84	181136	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.71	67	60823	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.91	98	162304	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	8.19	79	25165	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.64	63	147480	53.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.42%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	55212	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61138	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	6343	0.725	ug/L #	39
5) Vinyl chloride	1.61	62	463191	51.471	ug/L	88
8) Chloroethane	2.16	64	3459	0.562	ug/L #	54
12) 1,1-Dichloroethene	2.59	96	1382	0.202	ug/L #	1
13) Acetone	2.69	43	1740	1.050	ug/L	64
17) Methyl tert-butyl Ether	3.39	73	4195	0.186	ug/L #	58
18) trans-1,2-Dichloroethene	3.37	96	50611	6.803	ug/L	98
19) 1,1-Dichloroethane	3.89	63	3919	0.263	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	1013061	119.513	ug/L	97
30) Cyclohexane	5.40	56	1522	0.120	ug/L #	71
33) Benzene	5.79	78	9300	0.300	ug/L	100
34) Trichloroethene	6.56	95	32350	4.041	ug/L	97
35) Methylcyclohexane	6.71	83	13738	1.072	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	7146	0.825	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2267	0.168	ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	8325	1.279	ug/L	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039297.D
Acq On : 06 Jul 2020 17:33
Operator : SY/MD
Sample : L3193-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4270

Quant Time: Jul 07 01:20:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039297.D
Acq On : 06 Jul 2020 17:33
Operator : SY/MD
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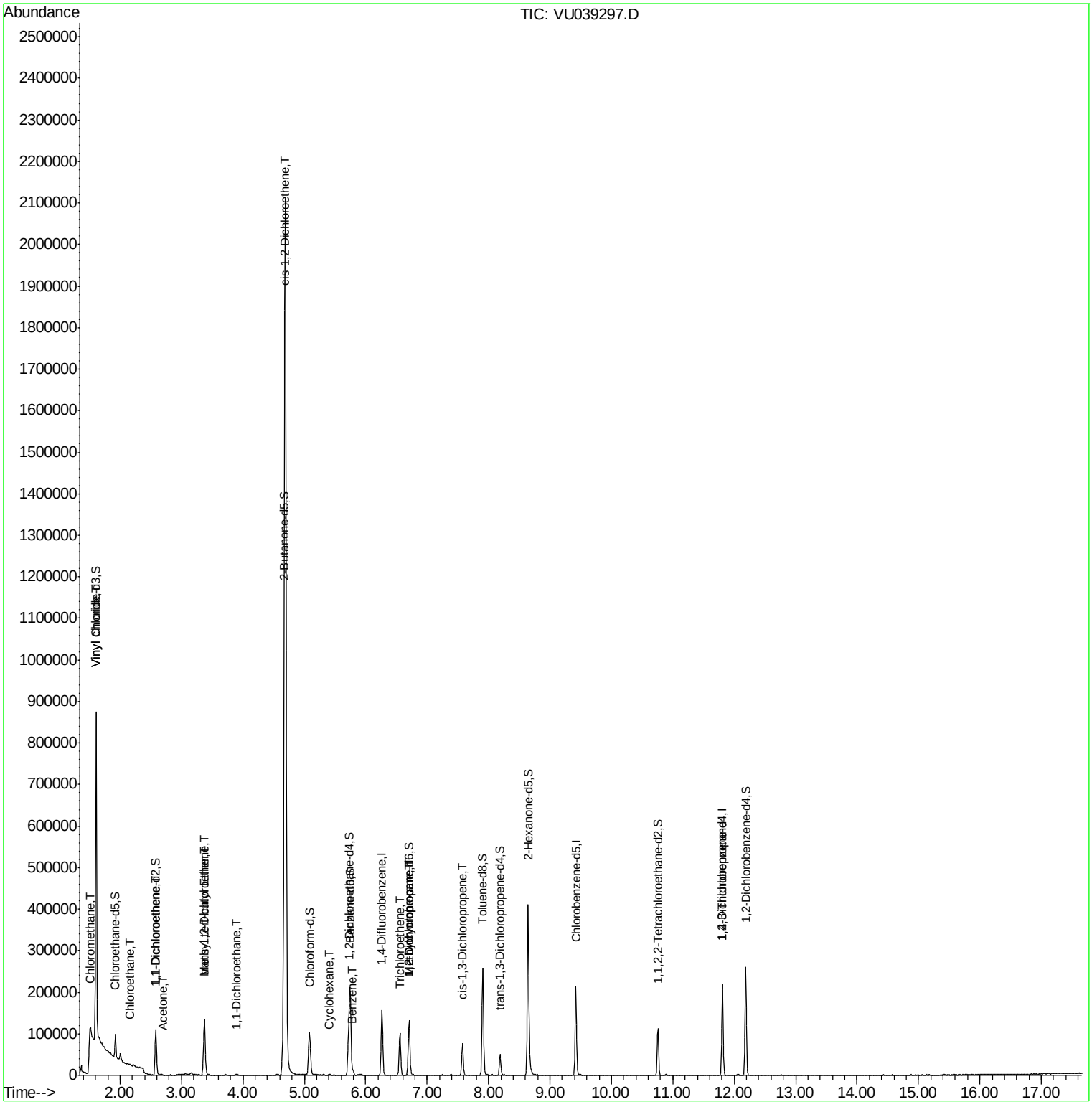
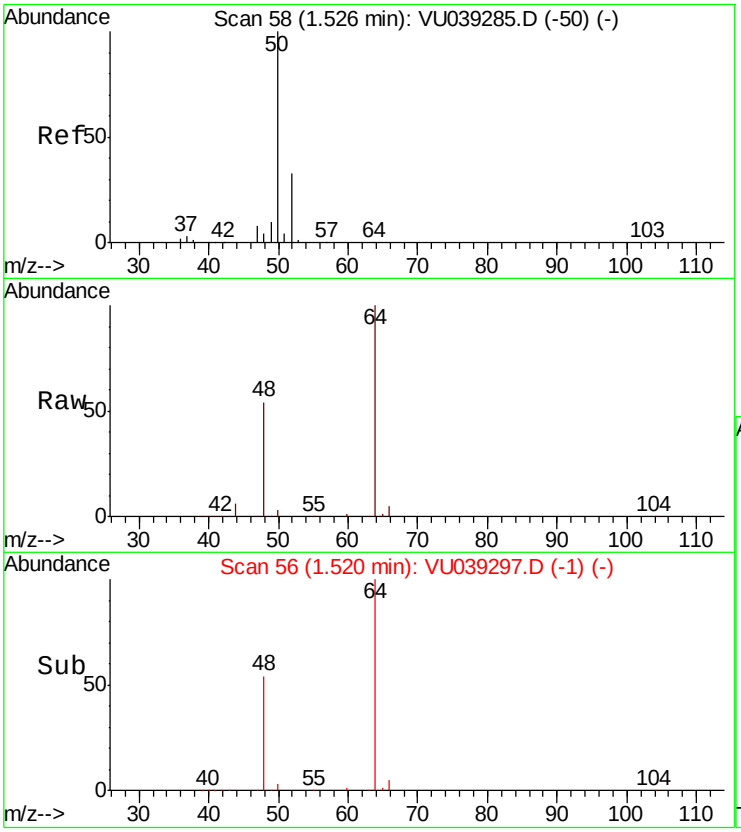
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration



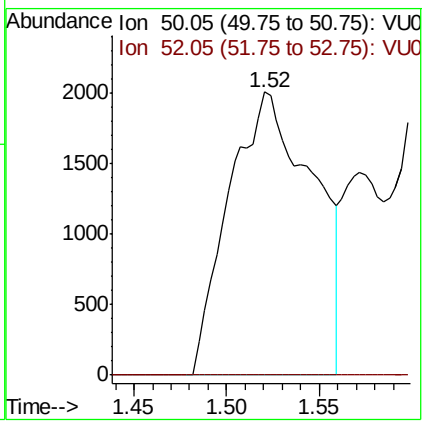


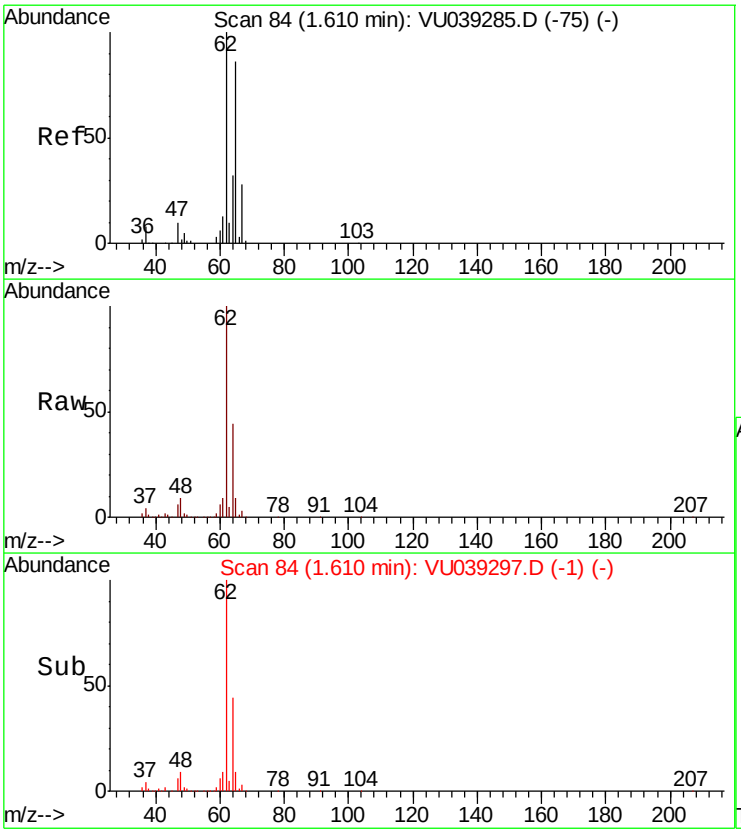
#3
Chloromethane
Concen: 0.725 ug/L
RT: 1.52 min Scan# 56
Delta R.T. -0.01 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument :
MSVOA_U
ClientSampleId :
H4270

Tgt Ion: 50 Resp: 6343

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.7	45.9#

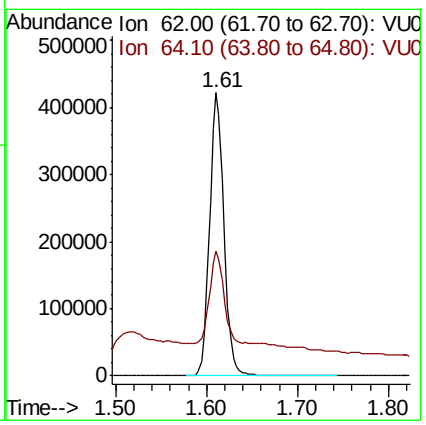


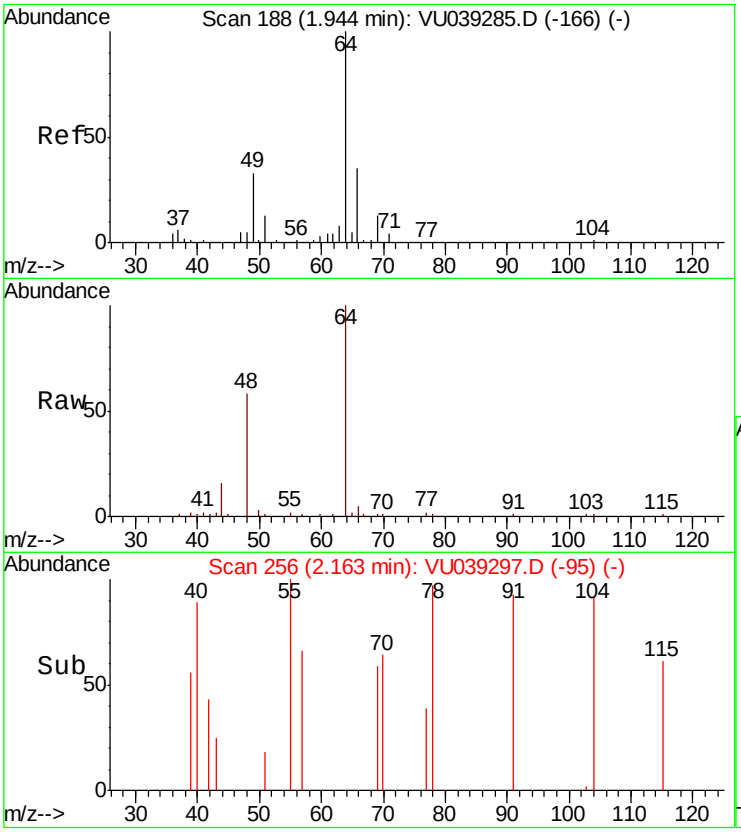


#5
Vinyl chloride
Concen: 51.471 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 62 Resp: 463191

Ion	Ratio	Lower	Upper
62	100		
64	43.9	25.6	47.4



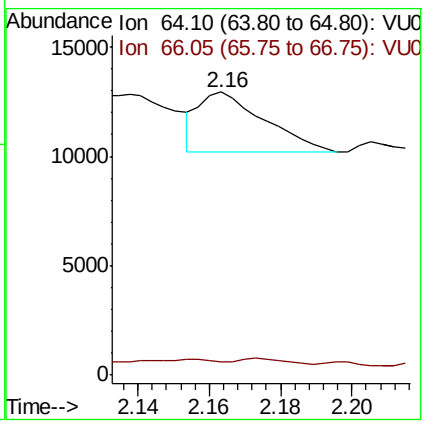


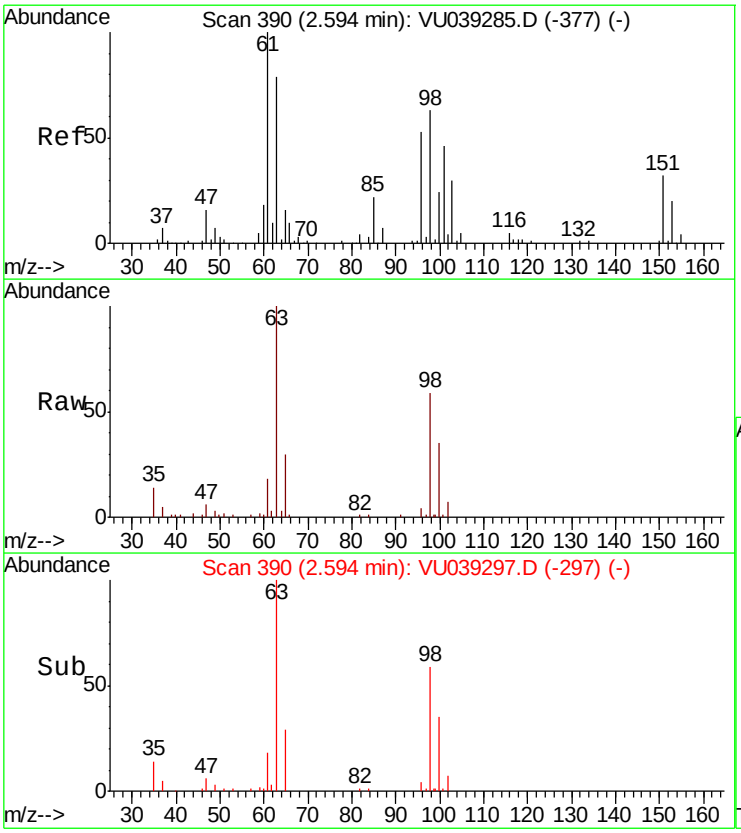
#8
Chloroethane
Concen: 0.562 ug/L
RT: 2.16 min Scan# 256
Delta R.T. 0.22 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument : MSVOA_U
ClientSampleId : H4270

Tgt Ion: 64 Resp: 3459

Ion	Ratio	Lower	Upper
64	100		
66	4.6	20.7	38.5#

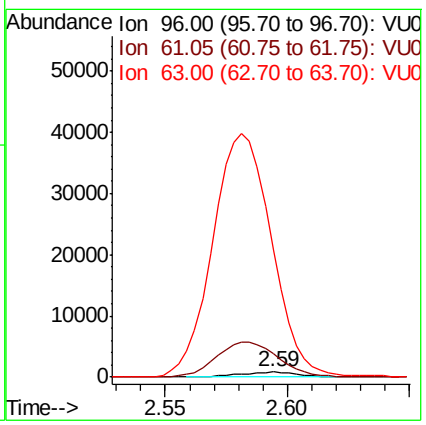


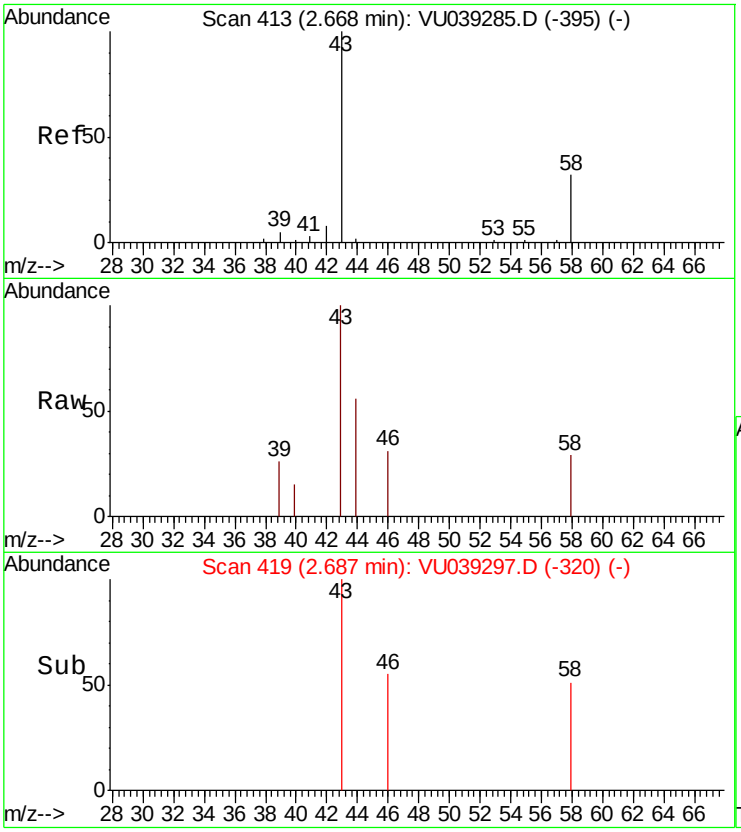


#12
1,1-Dichloroethene
Concen: 0.202 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 96 Resp: 1382

Ion	Ratio	Lower	Upper
96	100		
61	466.1	123.8	230.0#
63	2535.4	112.1	208.3#



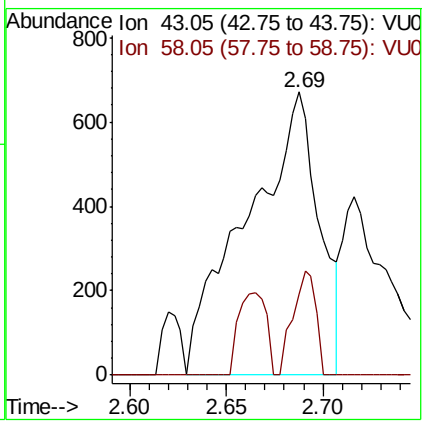


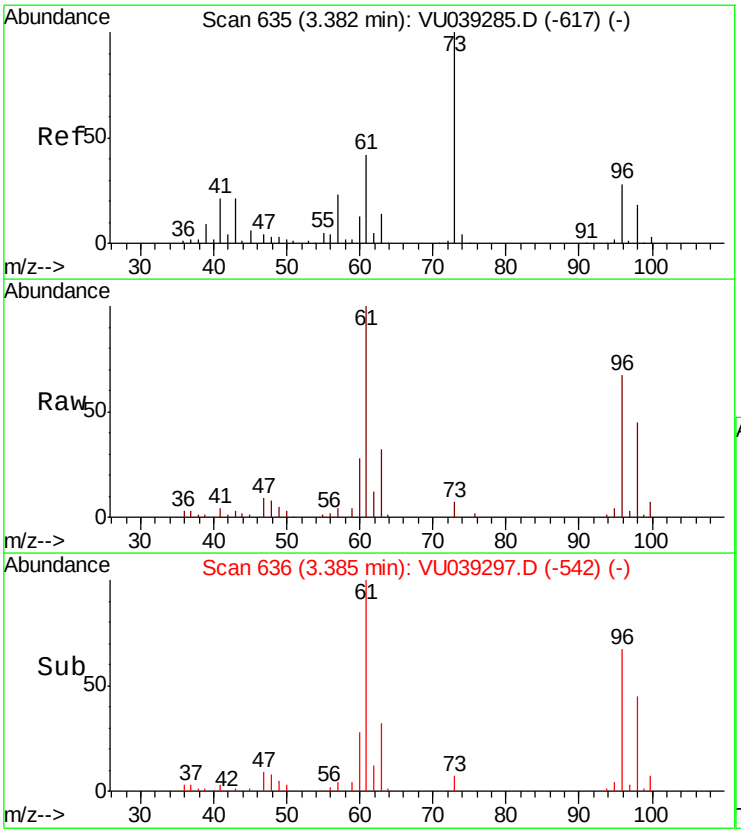
#13
Acetone
Concen: 1.050 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument : MSVOA_U
ClientSampleId : H4270

Tgt Ion: 43 Resp: 1740

Ion	Ratio	Lower	Upper
43	100		
58	11.8	0.0	63.6

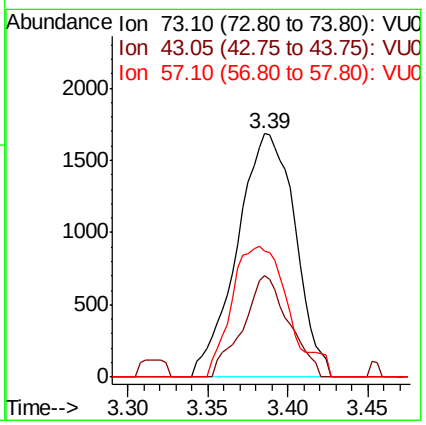


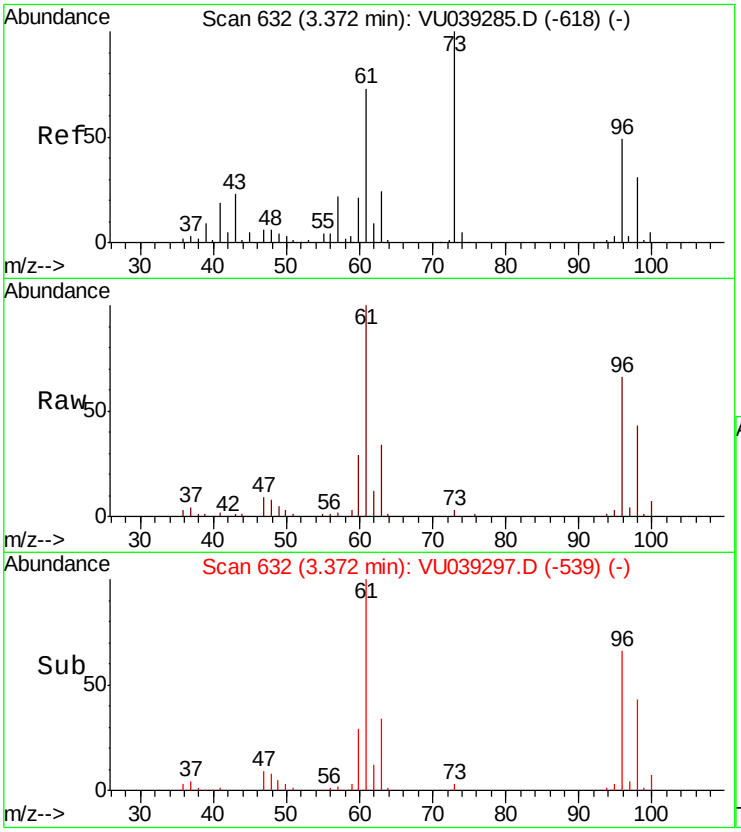


#17
Methyl tert-butyl Ether
Concen: 0.186 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 73 Resp: 4195

Ion	Ratio	Lower	Upper
73	100		
43	33.0	17.5	26.3#
57	52.1	18.6	27.8#



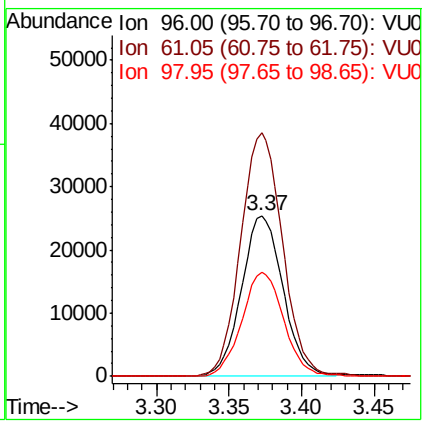


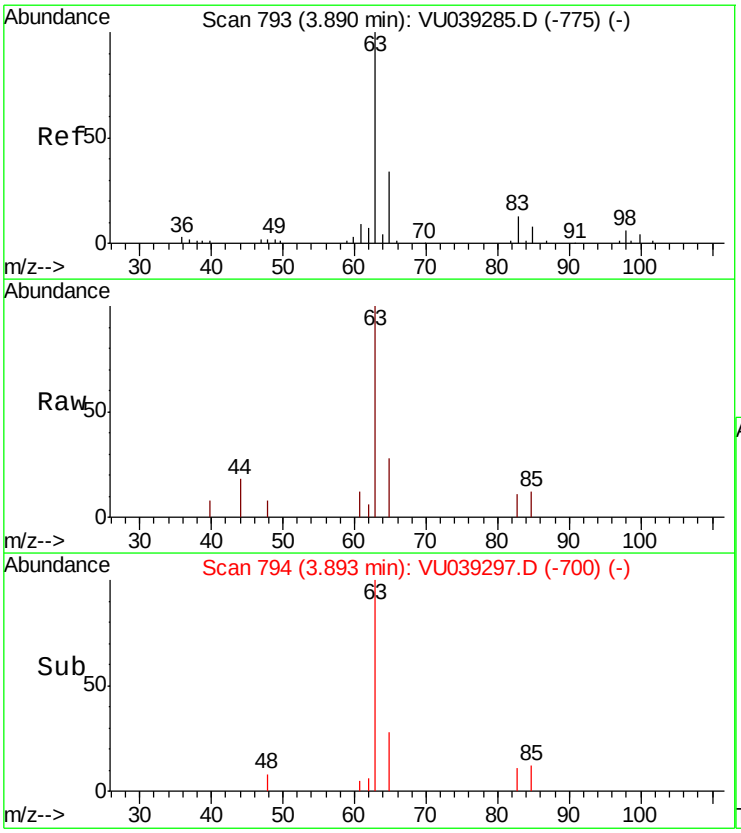
#18
trans-1,2-Dichloroethene
Concen: 6.803 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument :
MSVOA_U
ClientSampleId :
H4270

Tgt Ion: 96 Resp: 50611

Ion	Ratio	Lower	Upper
96	100		
61	151.5	104.7	194.5
98	64.5	43.1	80.1

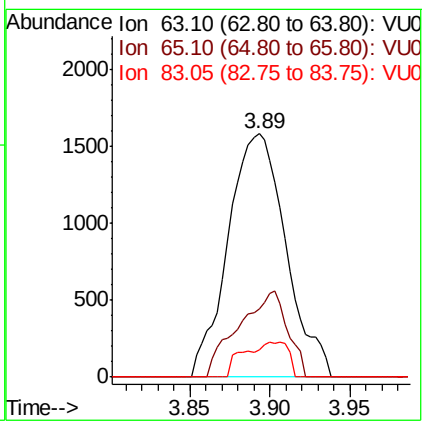


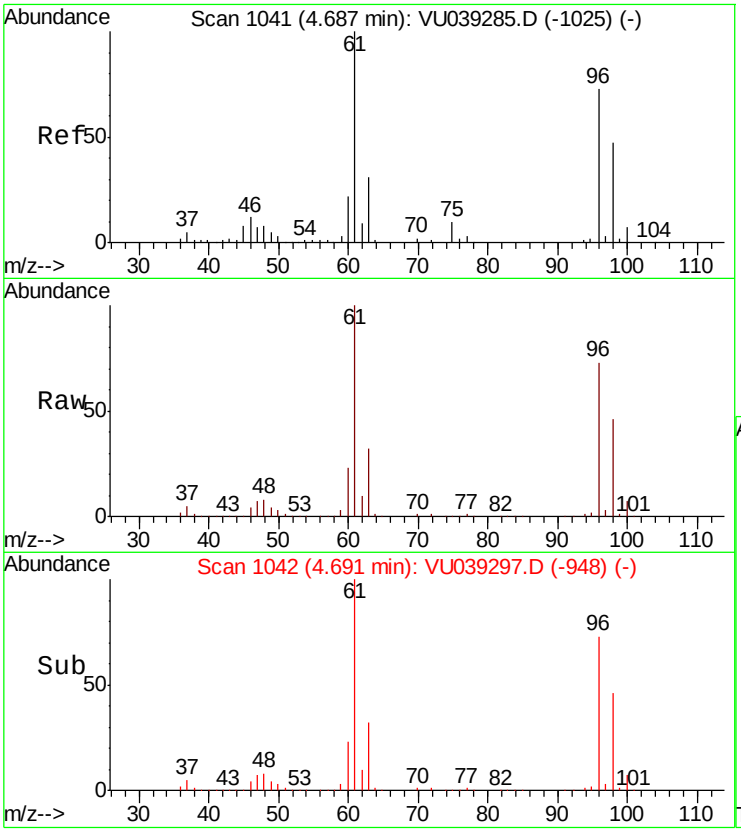


#19
1,1-Dichloroethane
Concen: 0.263 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 63 Resp: 3919

Ion	Ratio	Lower	Upper
63	100		
65	28.3	22.7	42.3
83	11.3	9.1	16.9



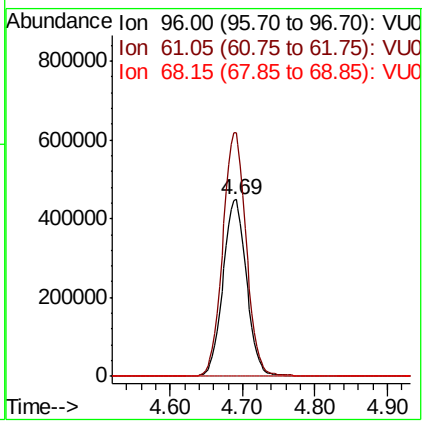


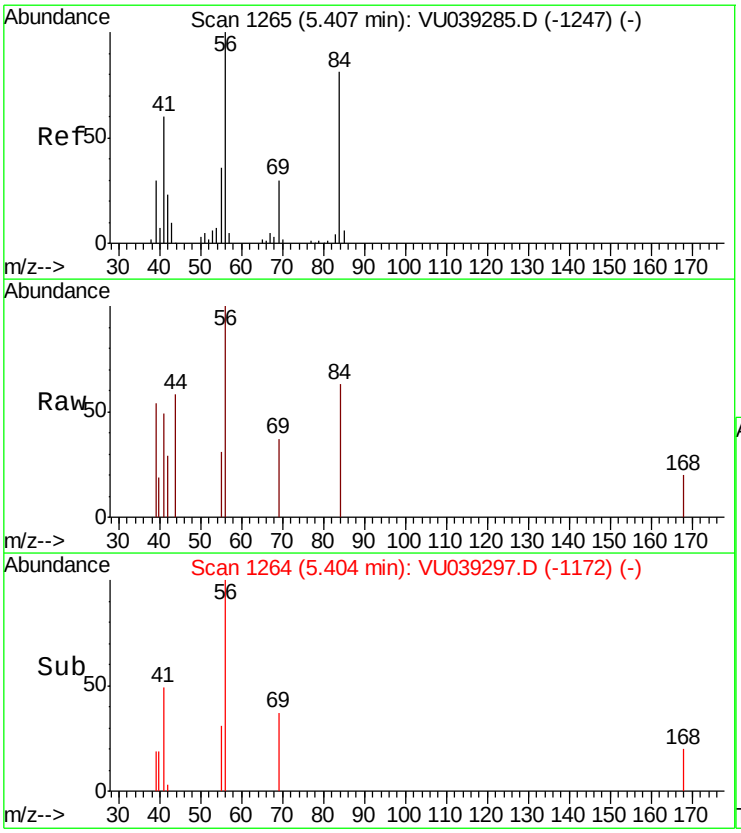
#22
cis-1,2-Dichloroethene
Concen: 119.513 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument : MSVOA_U
ClientSampleId : H4270

Tgt Ion: 96 Resp: 1013061

Ion	Ratio	Lower	Upper
96	100		
61	137.9	93.7	173.9
68	0.0	0.0	0.0

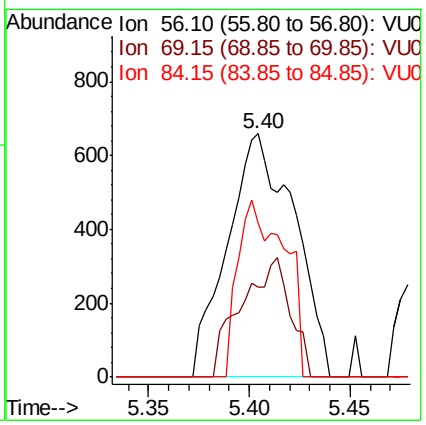


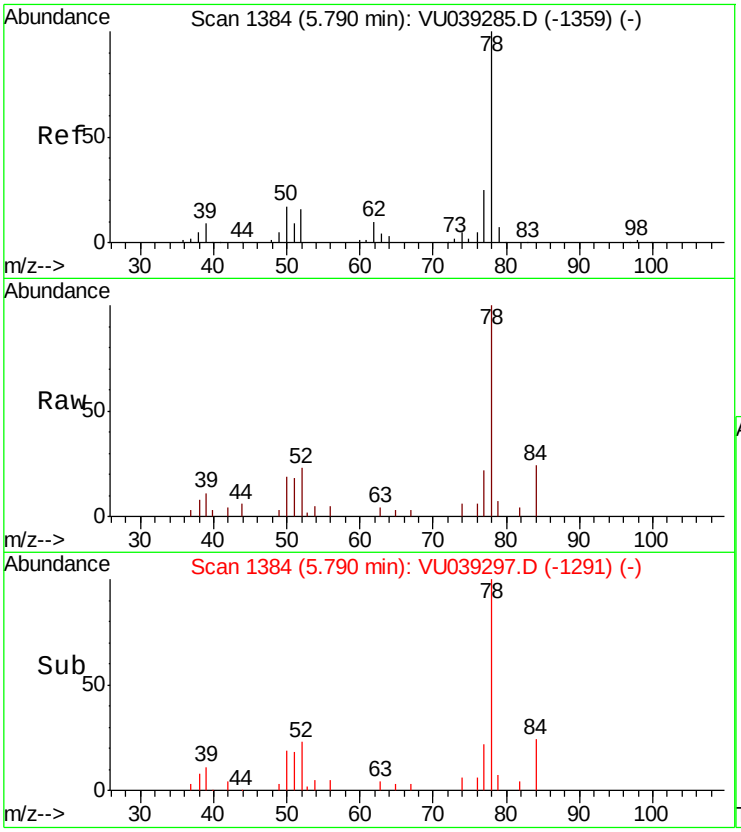


#30
Cyclohexane
Concen: 0.120 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 56 Resp: 1522

Ion	Ratio	Lower	Upper
56	100		
69	36.2	24.2	36.4
84	51.4	67.0	100.4#

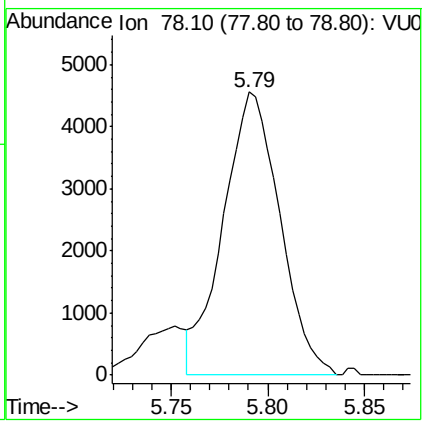


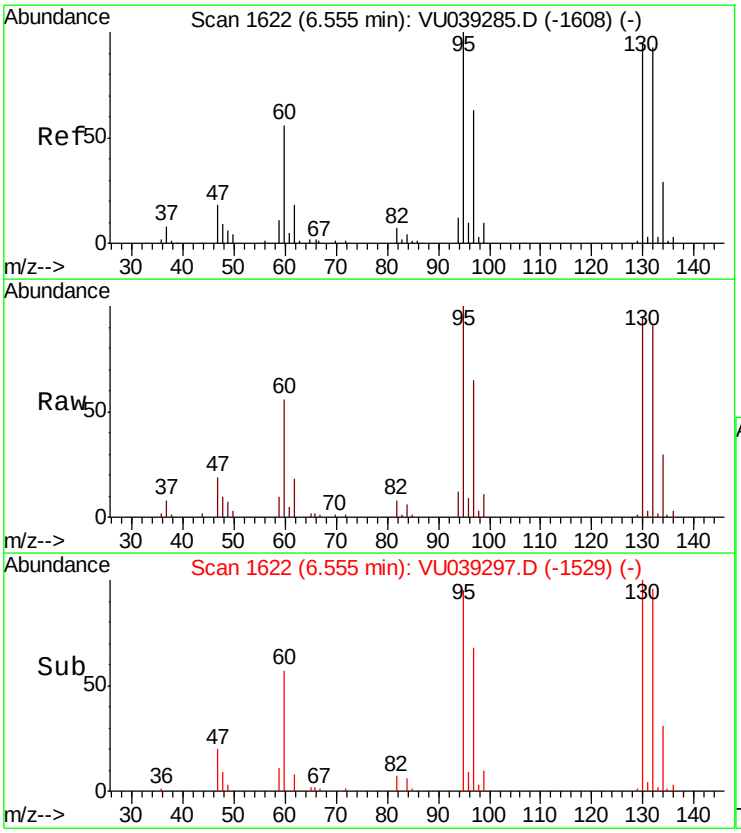


#33
Benzene
Concen: 0.300 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument :
MSVOA_U
ClientSampleId :
H4270

Tgt Ion: 78 Resp: 9300

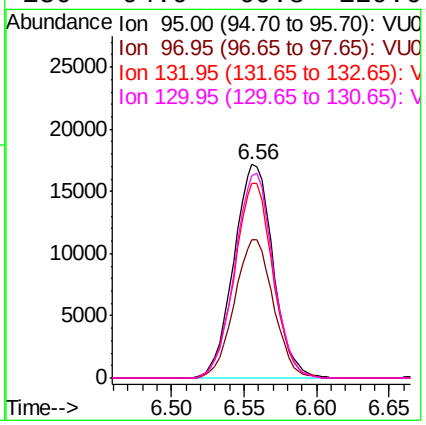


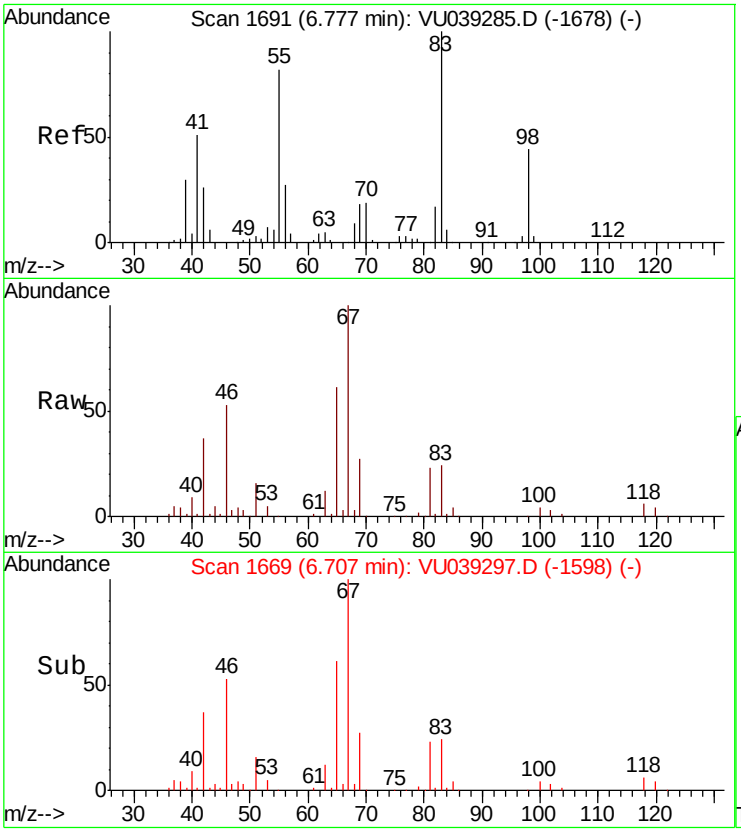


#34
Trichloroethene
Concen: 4.041 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 95 Resp: 32350

Ion	Ratio	Lower	Upper
95	100		
97	64.9	47.0	87.2
132	91.2	65.0	120.8
130	94.9	69.8	129.6



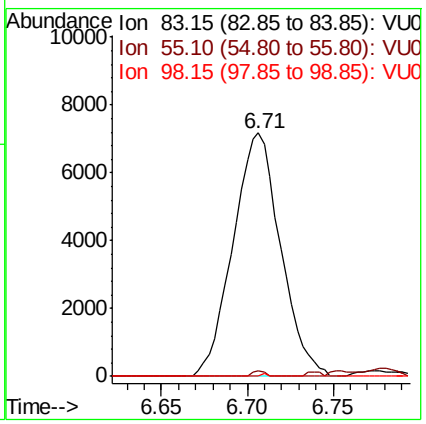


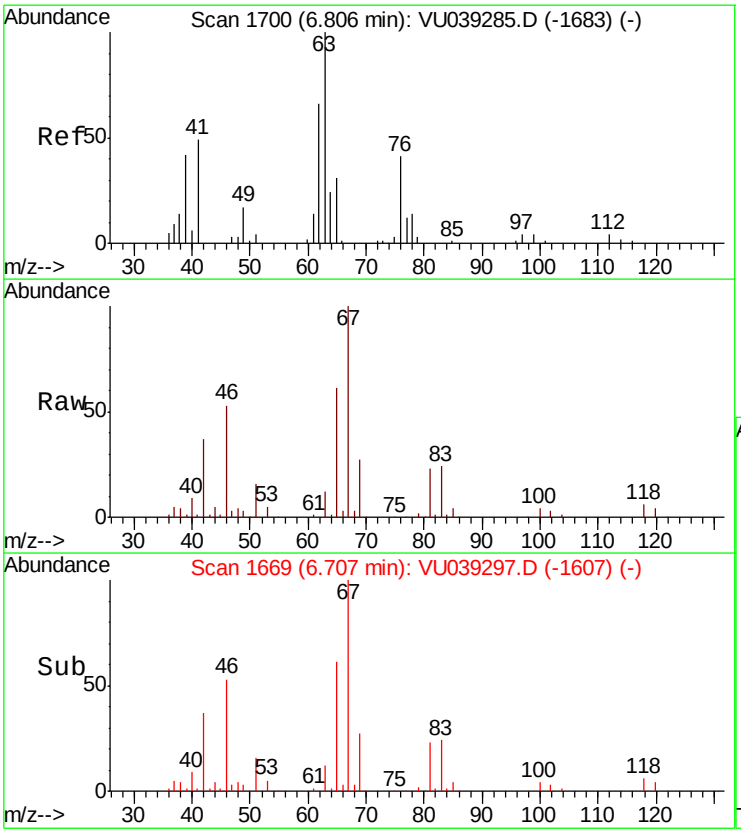
#35
Methylcyclohexane
Concen: 1.072 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument : MSVOA_U
ClientSampleId : H4270

Tgt Ion: 83 Resp: 13738

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.3	94.9#
98	0.0	37.4	56.2#

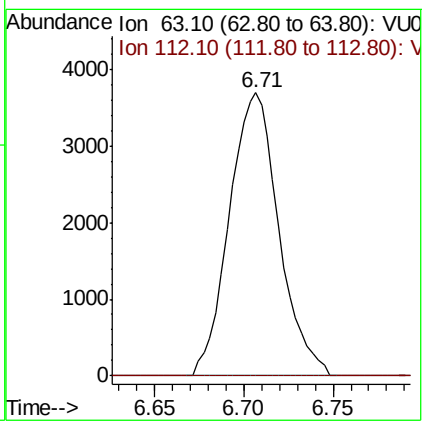


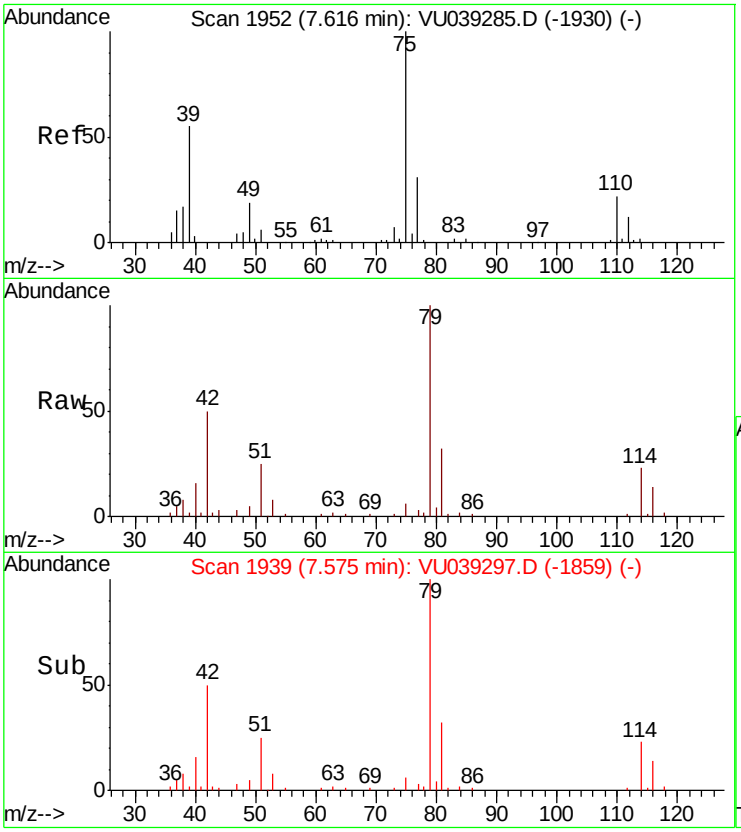


#37
1,2-Dichloropropane
Concen: 0.825 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 63 Resp: 7146

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



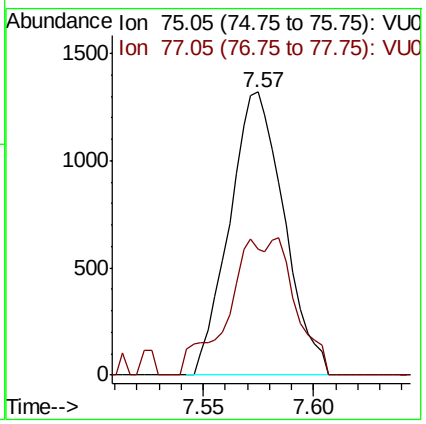


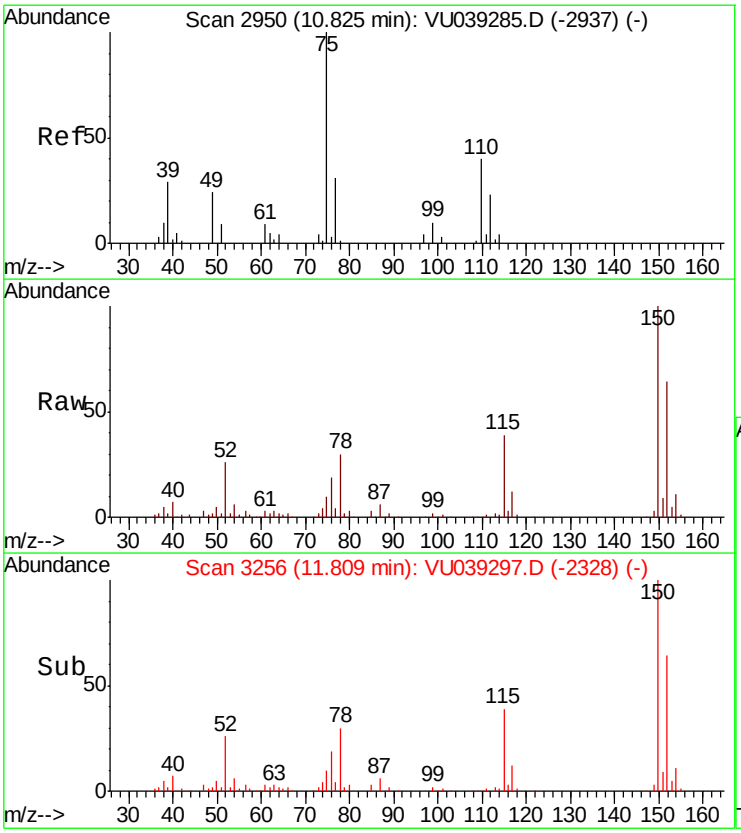
#39
cis-1,3-Dichloropropene
Concen: 0.168 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Instrument :
MSVOA_U
ClientSampleId :
H4270

Tgt Ion: 75 Resp: 2267

Ion	Ratio	Lower	Upper
75	100		
77	44.7	23.3	43.3#





#59
1,2,3-Trichloropropane
Concen: 1.279 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.98 min
Lab File: VU039297.D
Acq: 06 Jul 2020 17:33

Tgt Ion: 75 Resp: 8325

Ion	Ratio	Lower	Upper
75	100		
77	38.8	27.7	41.5