Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039771.D
Acq On : 06 Aug 2020 21:02
Operator : SY/MD
Sample : L3590-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:31:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35273	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21840	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.92	69	22156	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.58	63	31392	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.65	46	95583	48.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.16%			
24) Chloroform-d	5.08	84	50914	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.72	65	30880	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.75	84	95601	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.70	67	32053	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.91	98	75575	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11256	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	66247	50.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.50%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29204	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	33222	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1745	0.246	ug/L	87
5) Vinyl chloride	1.61	62	2911	0.428	ug/L #	1
8) Chloroethane	1.97	64	1314	0.263	ug/L #	52
13) Acetone	2.65	43	4464	3.809	ug/L	68
14) Carbon disulfide	2.80	76	2113	0.135	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	1871	0.337	ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	45298	7.493	ug/L	94
35) Methylcyclohexane	6.70	83	7762	0.881	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3719	0.659	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	908	0.118	ug/L #	45
59) 1,2,3-Trichloropropane	11.81	75	4842	1.189	ug/L	89

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

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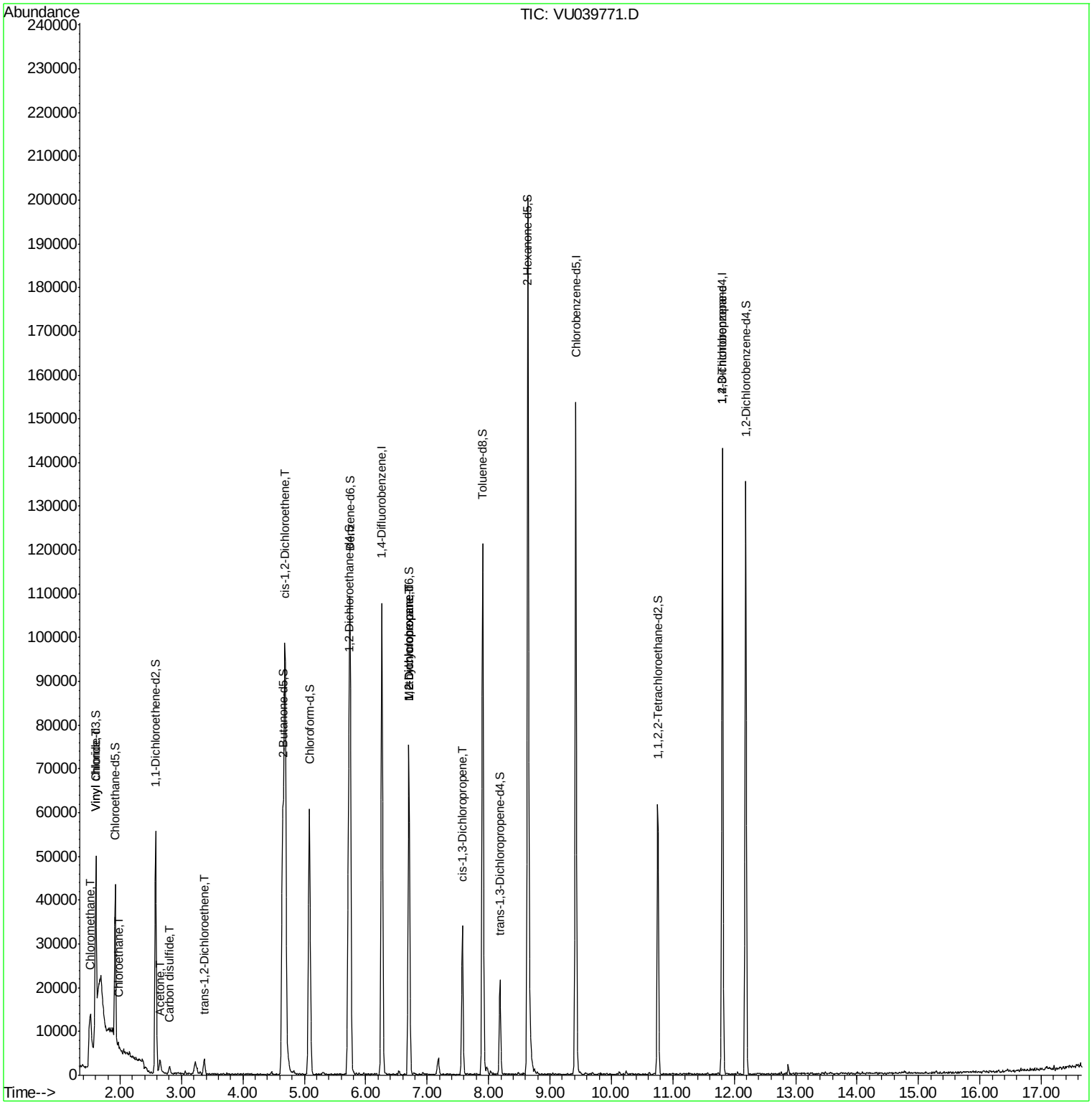
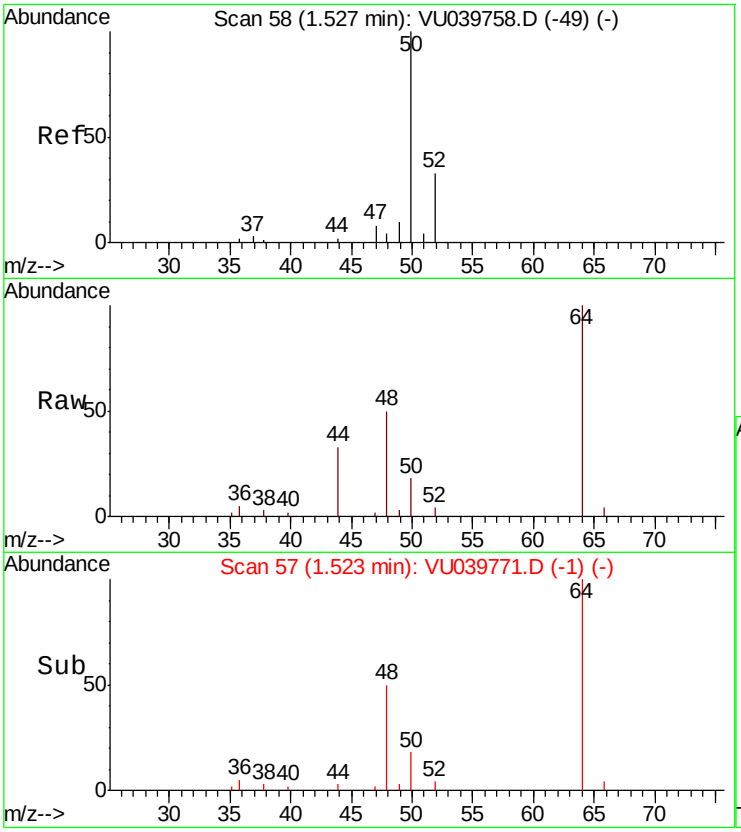
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 04:31:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration



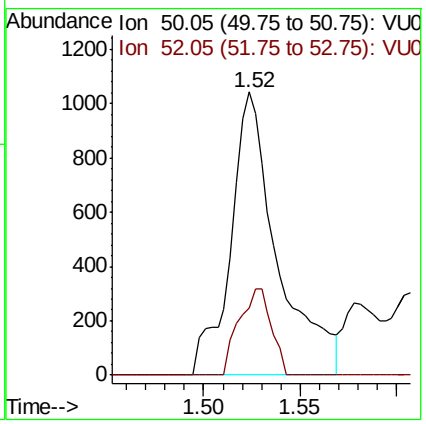


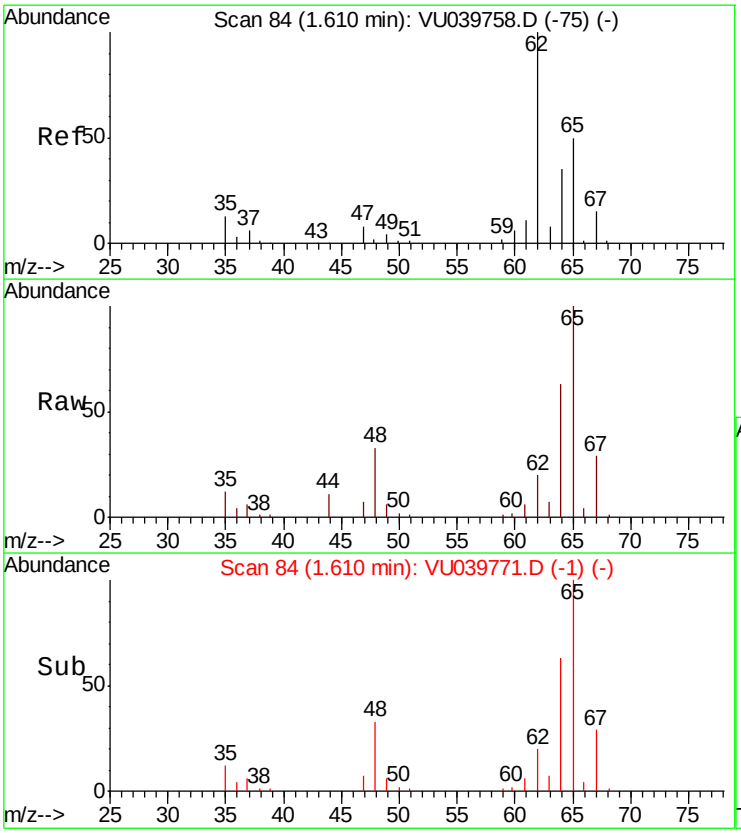
#3
Chloromethane
Concen: 0.246 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1745

Ion	Ratio	Lower	Upper
50	100		
52	23.5	21.6	40.0

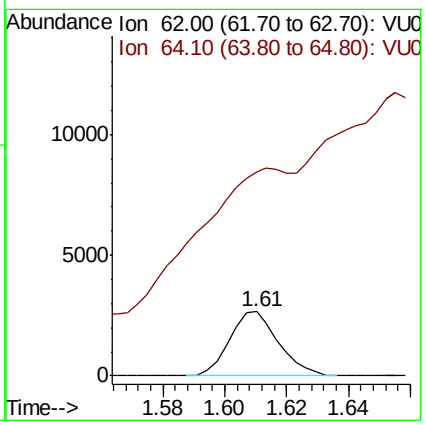


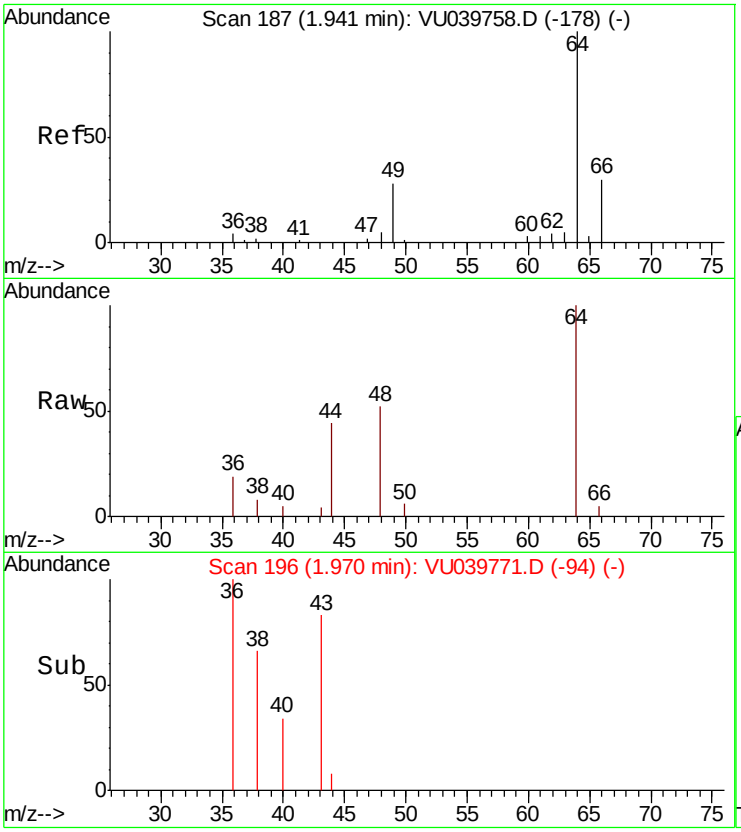


#5
Vinyl chloride
Concen: 0.428 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Tgt Ion: 62 Resp: 2911

Ion	Ratio	Lower	Upper
62	100		
64	319.0	24.1	44.7#



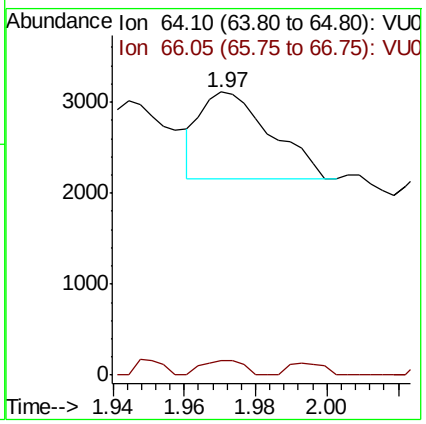


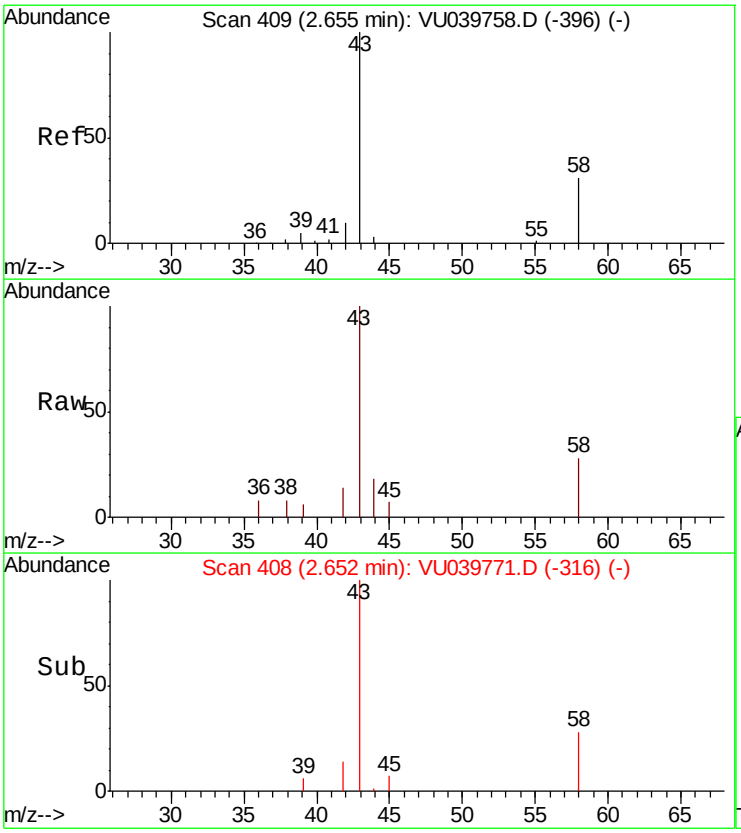
#8
Chloroethane
Concen: 0.263 ug/L
RT: 1.97 min Scan# 196
Delta R.T. 0.03 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 1314

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.3	41.3#

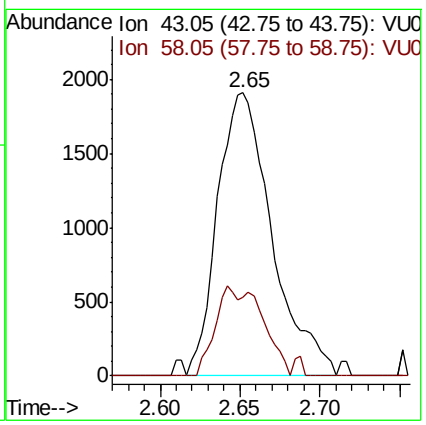


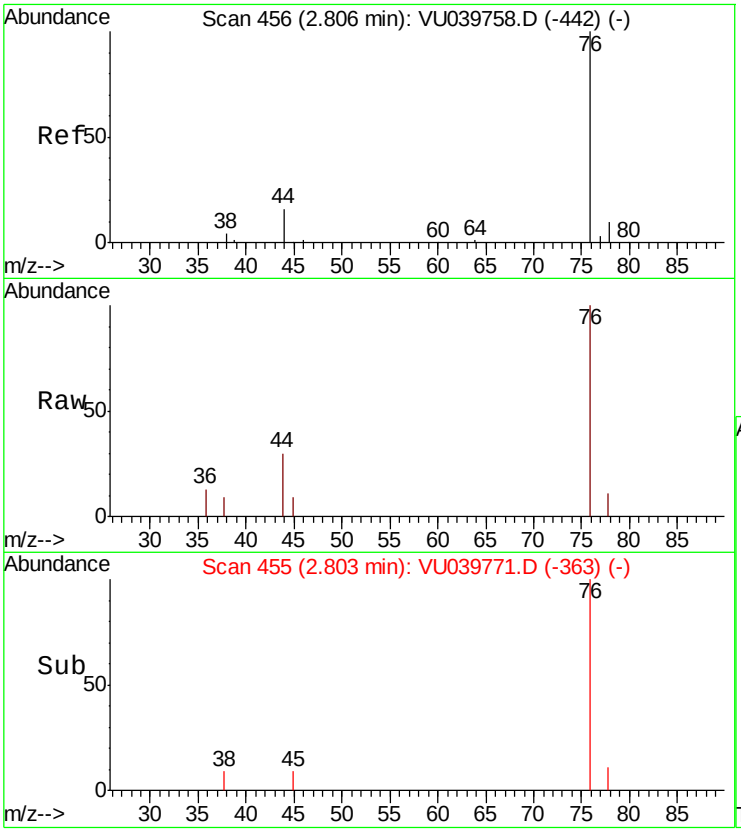


#13
Acetone
Concen: 3.809 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Tgt Ion: 43 Resp: 4464

Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	61.8



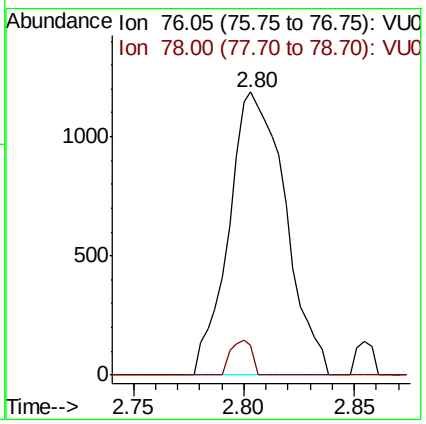


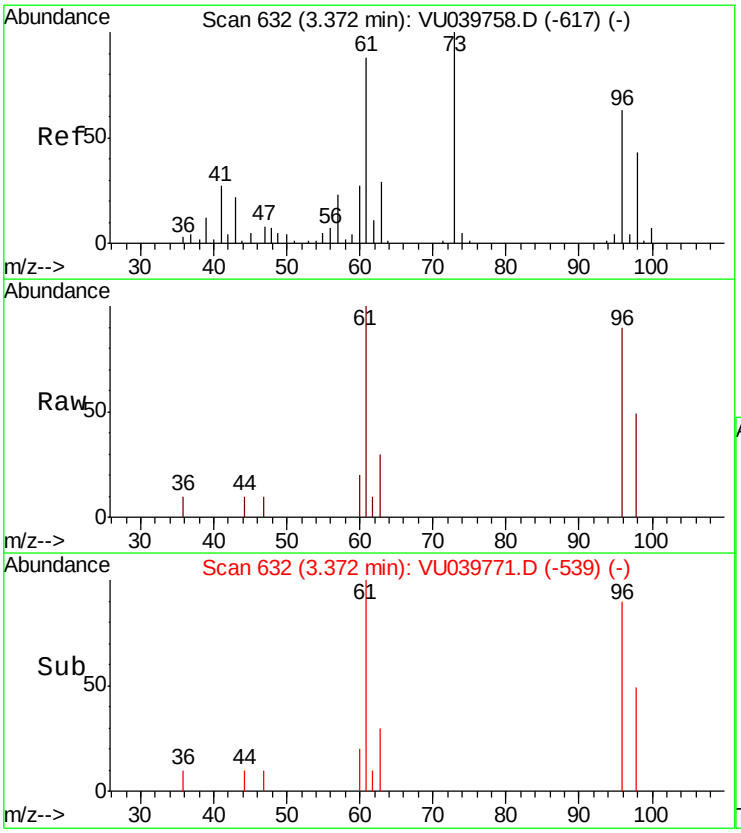
#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.80 min Scan# 455
Delta R.T. -0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 2113

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.8	11.6

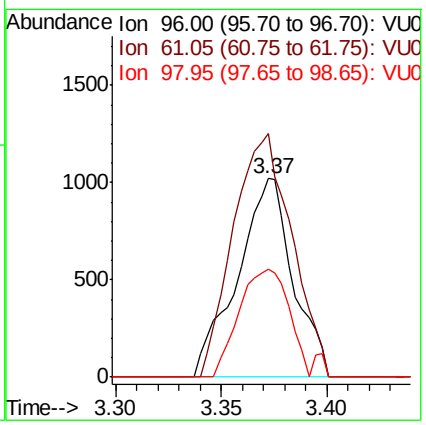


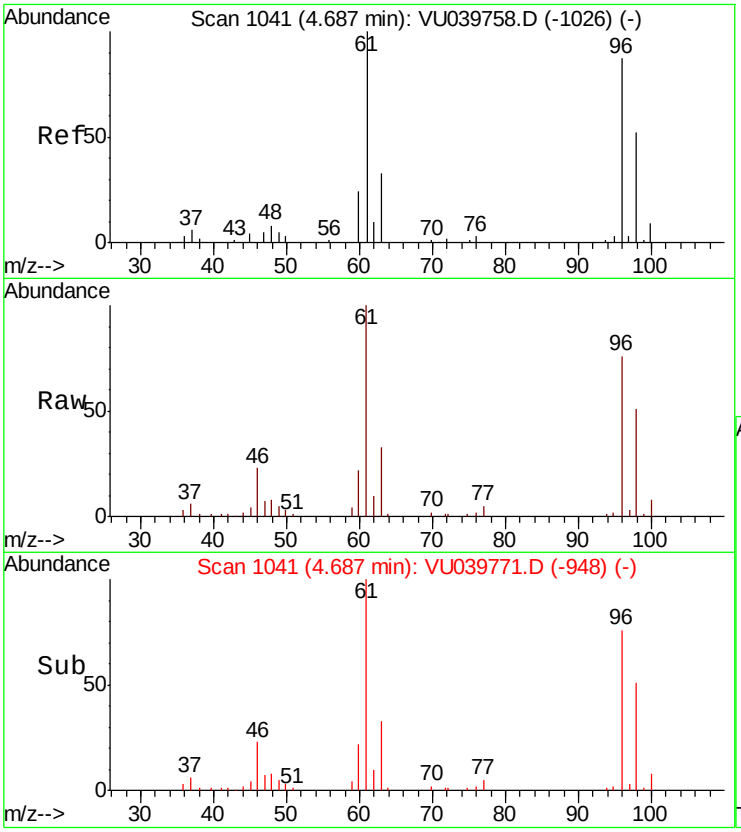


#18
trans-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Tgt Ion: 96 Resp: 1871

Ion	Ratio	Lower	Upper
96	100		
61	122.6	96.5	179.1
98	54.7	40.9	76.0



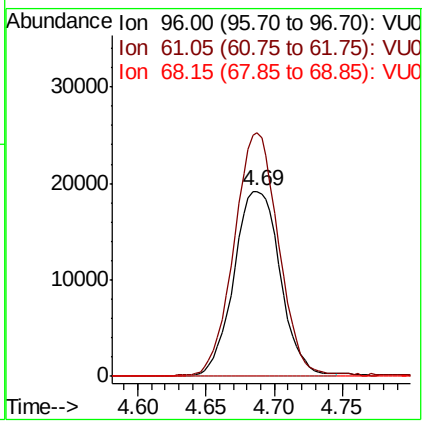


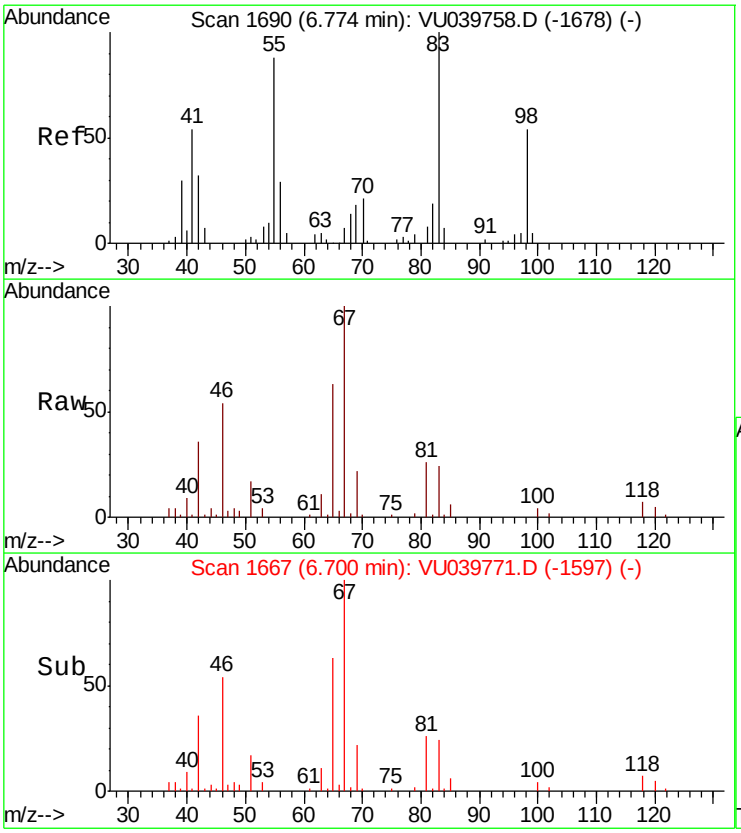
#22
cis-1,2-Dichloroethene
Concen: 7.493 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 45298

Ion	Ratio	Lower	Upper
96	100		
61	131.8	87.4	162.2
68	0.0	0.0	0.0

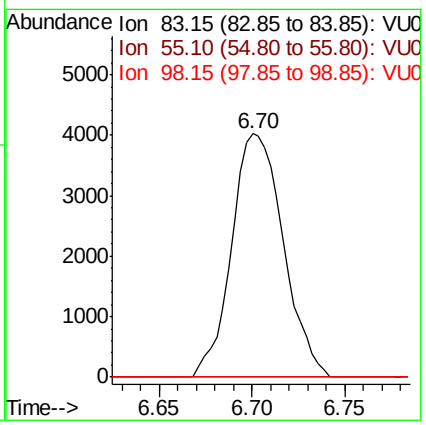


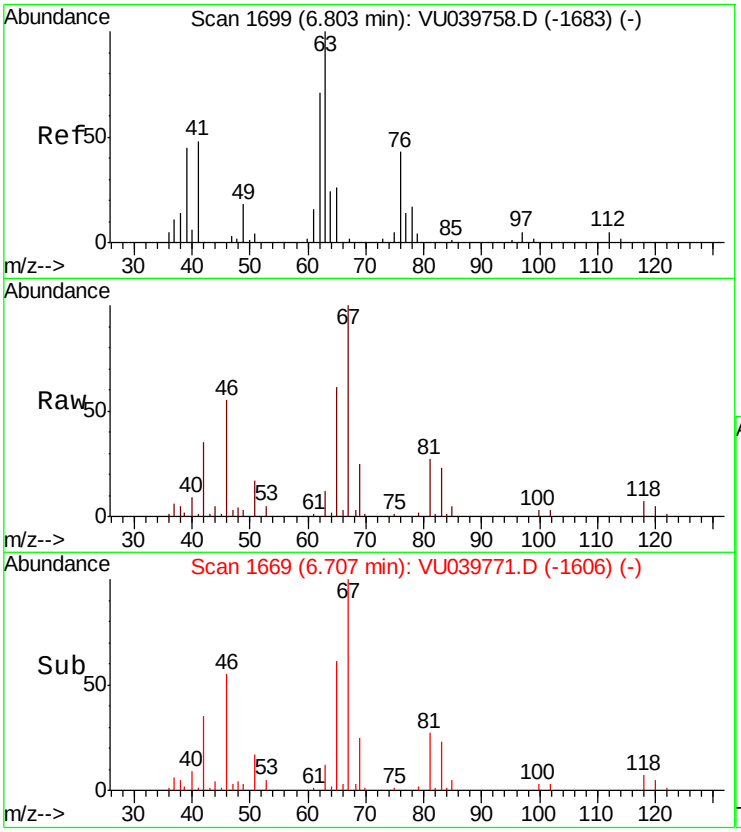


#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Tgt Ion: 83 Resp: 7762

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



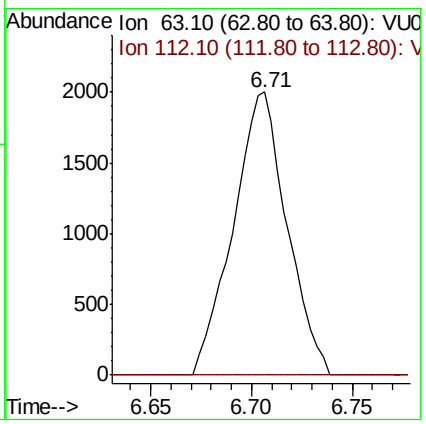


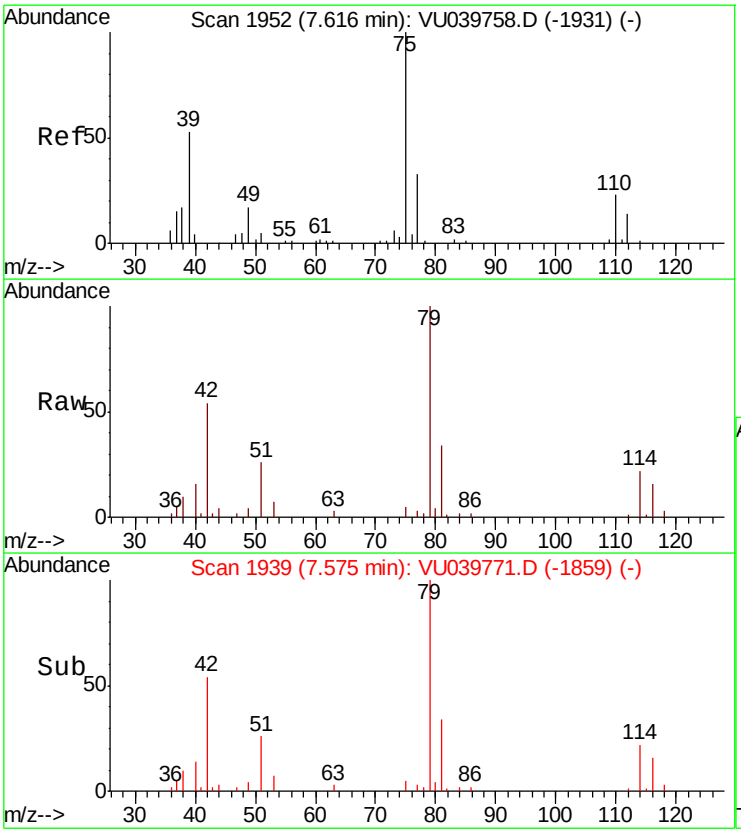
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3719

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

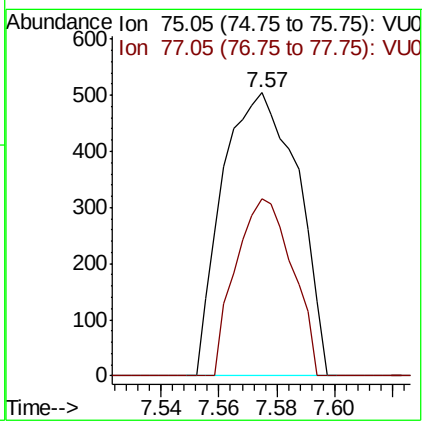


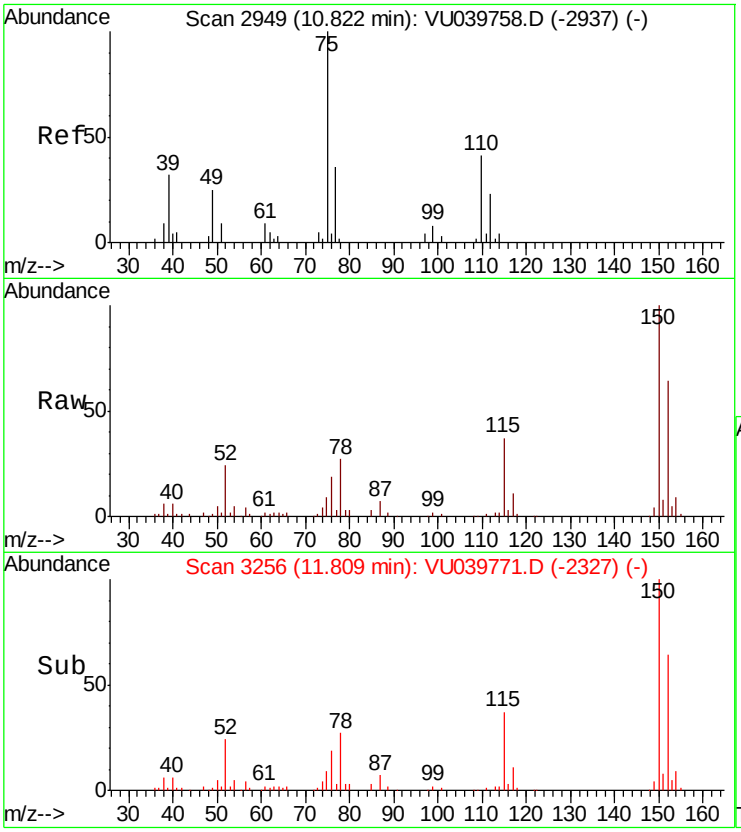


#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Tgt Ion: 75 Resp: 908

Ion	Ratio	Lower	Upper
75	100		
77	62.5	22.4	41.6#





#59
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039771.D
Acq: 06 Aug 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4842

Ion	Ratio	Lower	Upper
75	100		
77	36.9	24.6	37.0