Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037793.D
Acq On : 18 Apr 2020 00:15
Operator : JC/MD
Sample : L2319-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 18 05:23:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 05:19:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	80763	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.93	69	74610	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.59	63	109695	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.66	46	314043	55.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.88%			
24) Chloroform-d	5.11	84	157897	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.74	65	93178	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.76	84	325309	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.72	67	111625	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.92	98	289052	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.20	79	44088	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.65	63	262219	49.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.32%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89667	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	107894	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	4149	0.144	ug/L #	1
8) Chloroethane	2.04	64	2818	0.167	ug/L #	52
13) Acetone	2.66	43	8339	2.233	ug/L	91
15) Methyl Acetate	2.79	43	14181	1.366	ug/L #	54
17) Methyl tert-butyl Ether	3.40	73	54904	1.008	ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	18194	0.826	ug/L	93
34) Trichloroethene	6.57	95	5152	0.240	ug/L	95
35) Methylcyclohexane	6.72	83	24719	0.658	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12188	0.527	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2861	0.079	ug/L #	61
59) 1,2,3-Trichloropropane	11.82	75	17851	1.180	ug/L	92

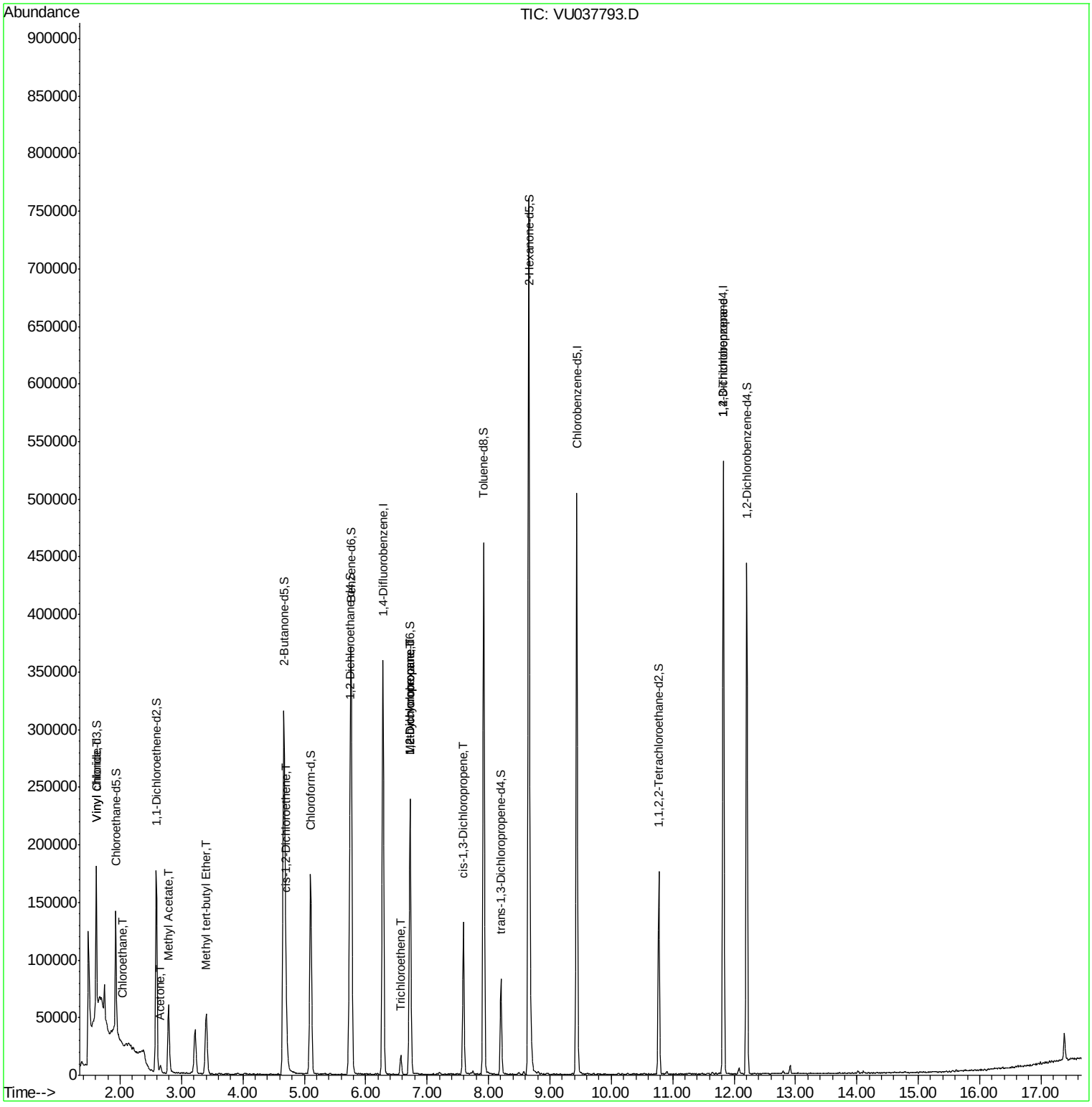
(#) = qualifier out of range (m) = manual integration (+) = signals summed

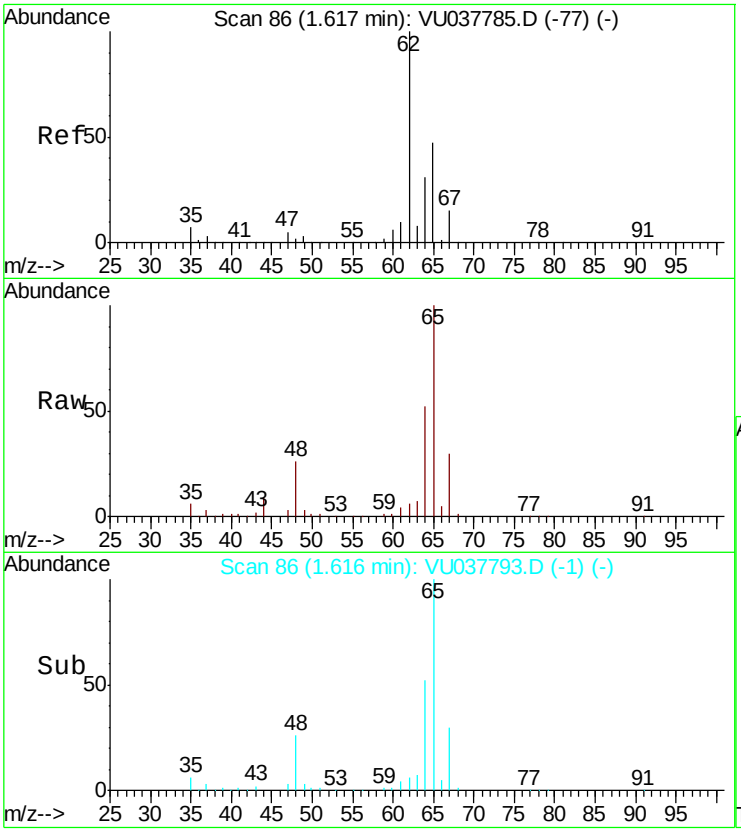
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037793.D
Acq On : 18 Apr 2020 00:15
Operator : JC/MD
Sample : L2319-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 18 05:23:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 05:19:30 2020
Response via : Initial Calibration



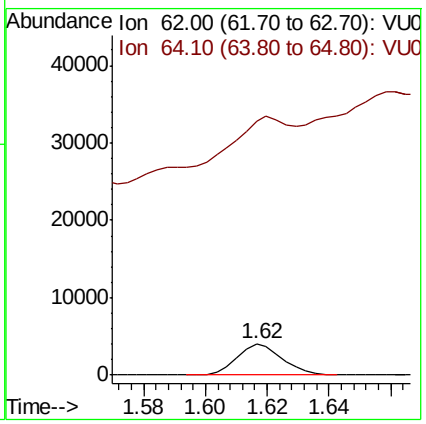


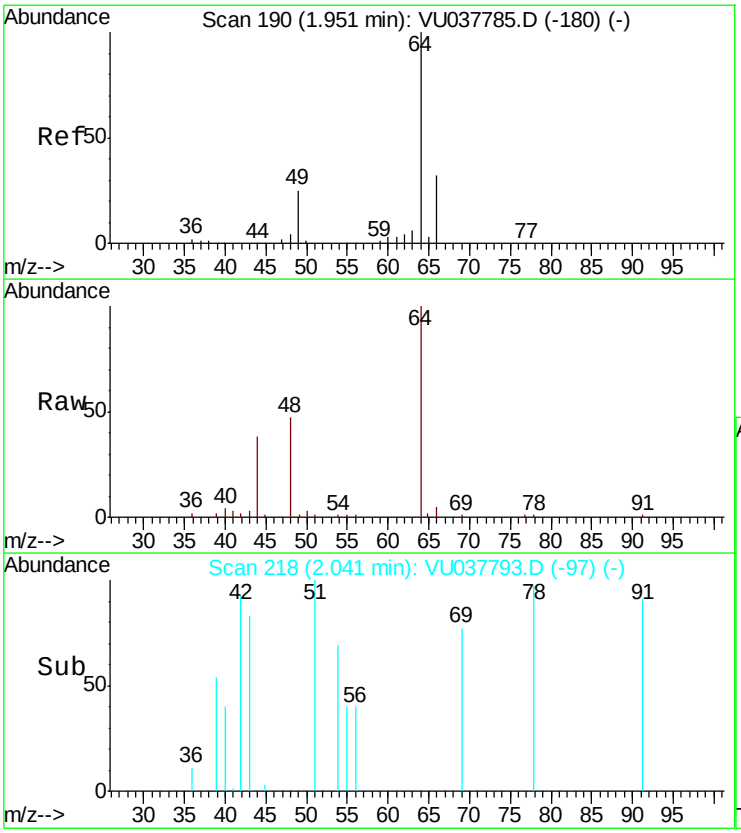
#5
Vinyl chloride
Concen: 0.144 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 4149

Ion	Ratio	Lower	Upper
62	100		
64	802.9	22.1	41.1#

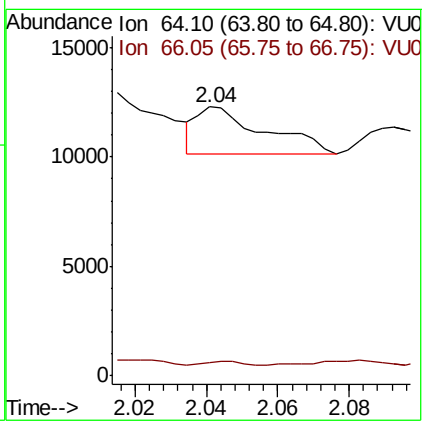


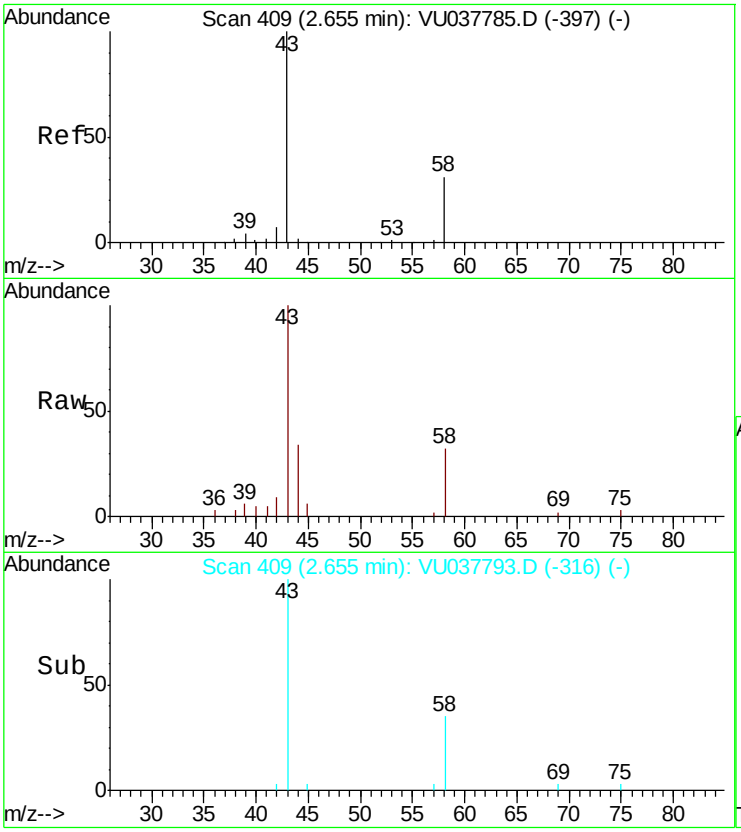


#8
Chloroethane
Concen: 0.167 ug/L
RT: 2.04 min Scan# 218
Delta R.T. 0.09 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Tgt Ion: 64 Resp: 2818

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.3	41.5#



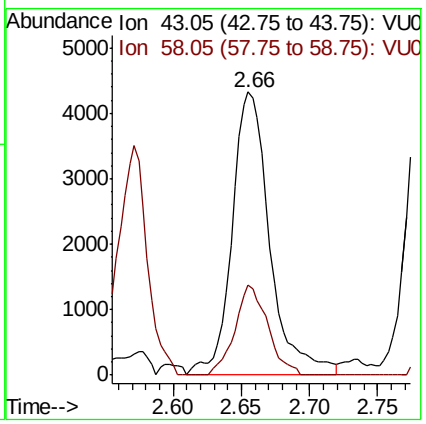


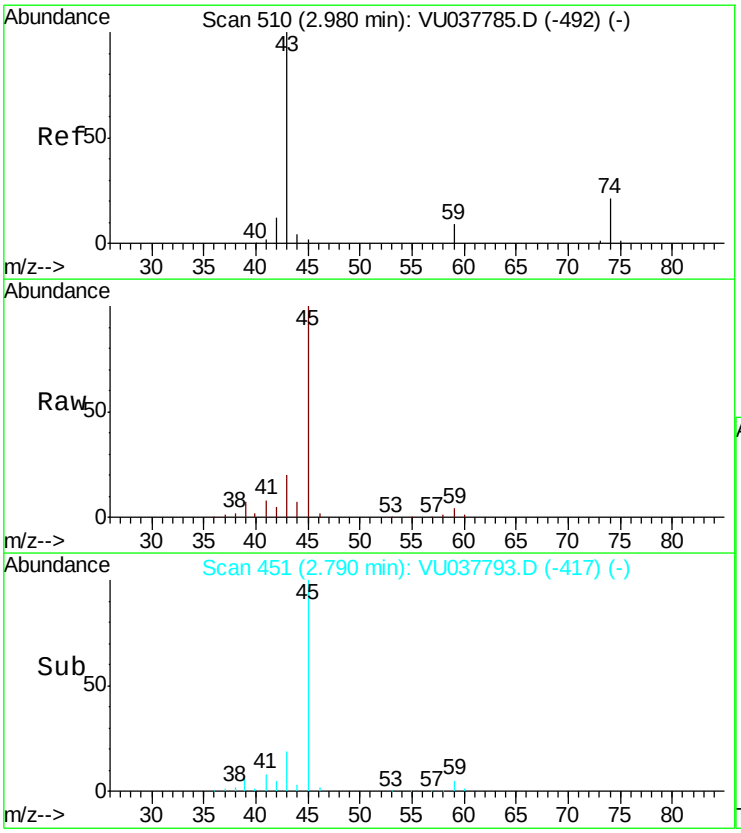
#13
Acetone
Concen: 2.233 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8339

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	64.8

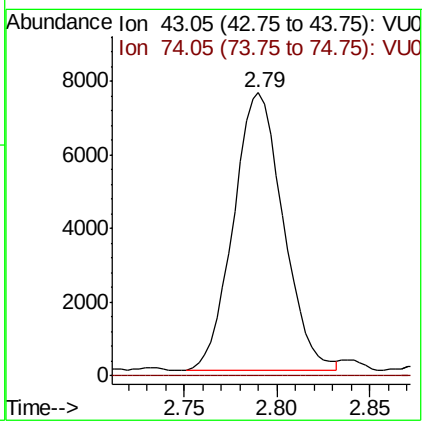


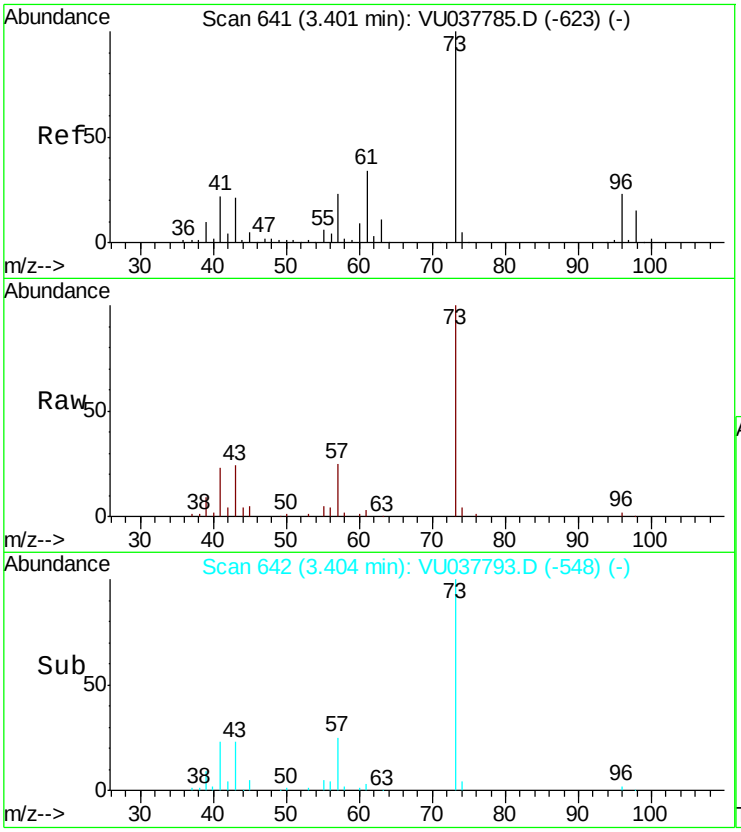


#15
Methyl Acetate
Concen: 1.366 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Tgt Ion: 43 Resp: 14181

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.2	25.8#



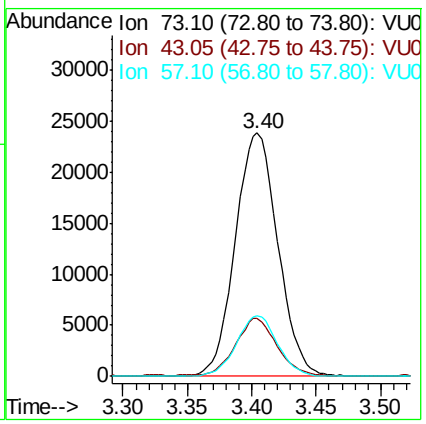


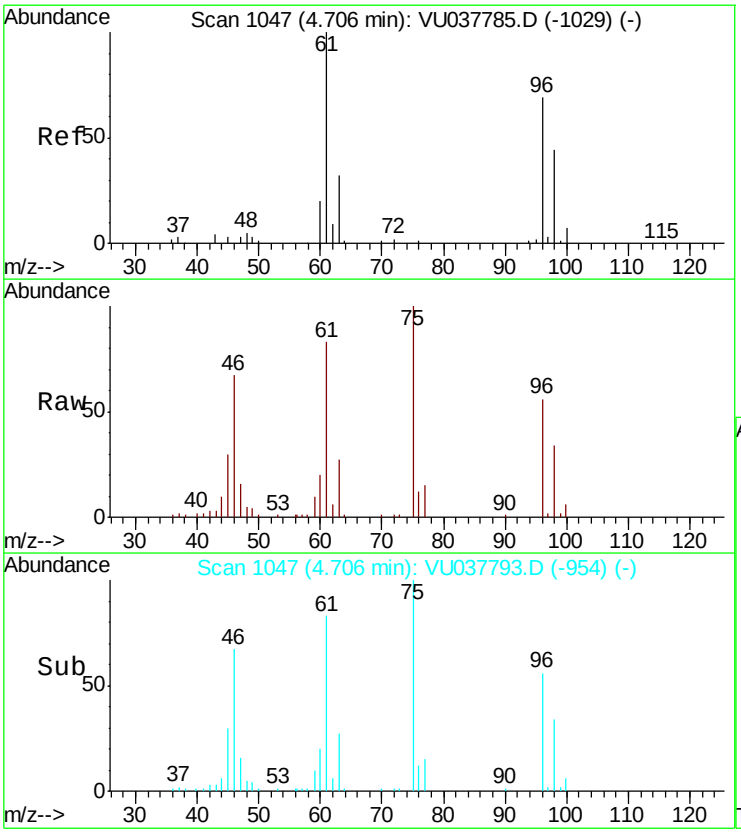
#17
Methyl tert-butyl Ether
Concen: 1.008 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 54904

Ion	Ratio	Lower	Upper
73	100		
43	23.4	16.4	24.6
57	24.0	18.4	27.6

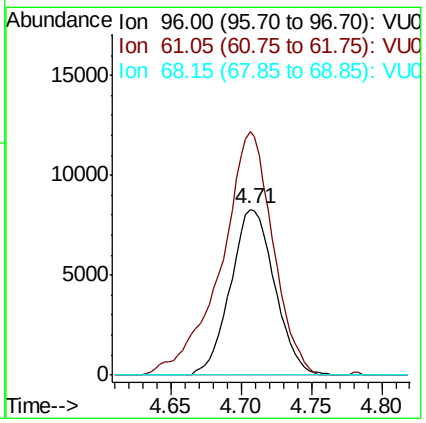


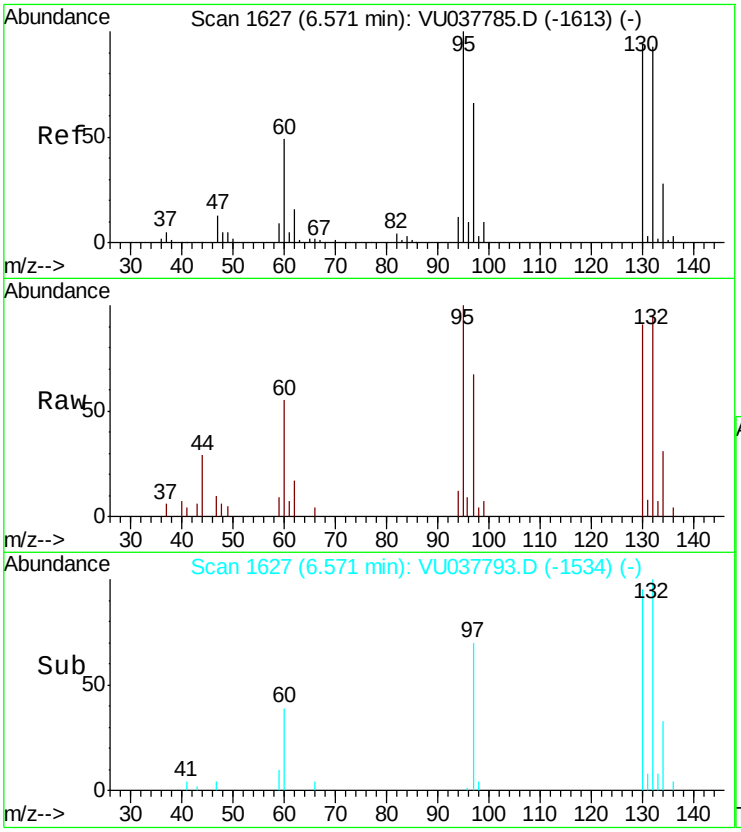


#22
cis-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Tgt Ion: 96 Resp: 18194

Ion	Ratio	Lower	Upper
96	100		
61	147.0	97.0	180.2
68	0.0	0.0	0.0



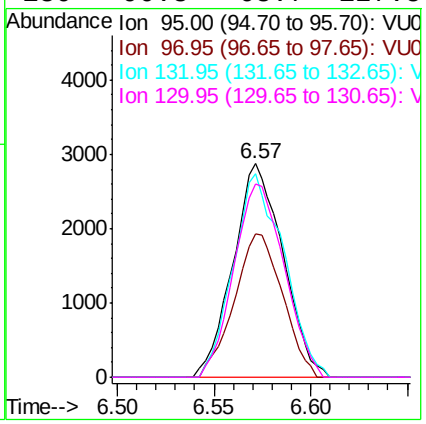


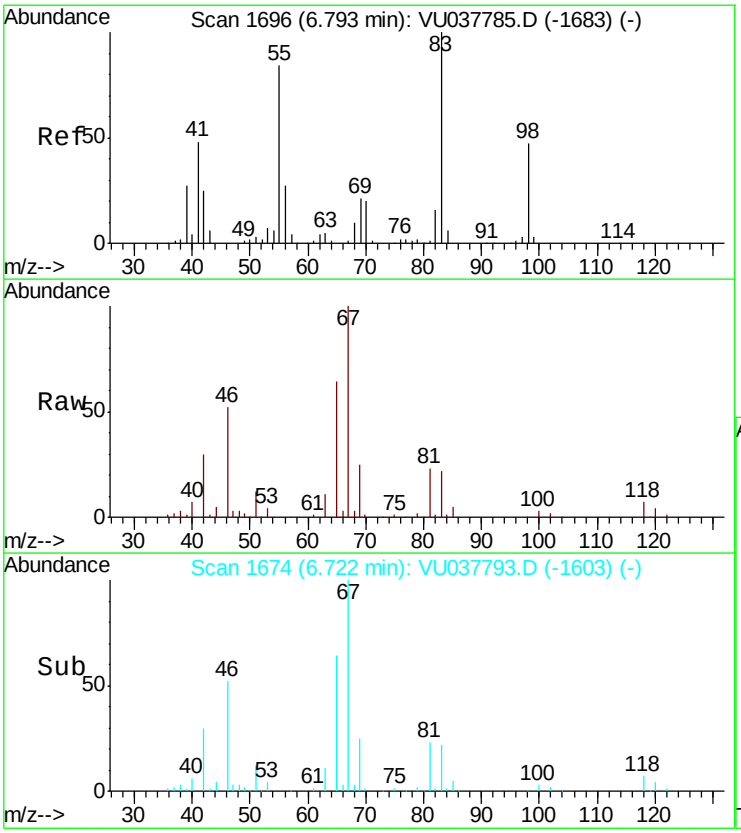
#34
Trichloroethene
Concen: 0.240 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 5152

Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.4	84.2
132	95.2	63.7	118.3
130	90.8	68.7	127.5

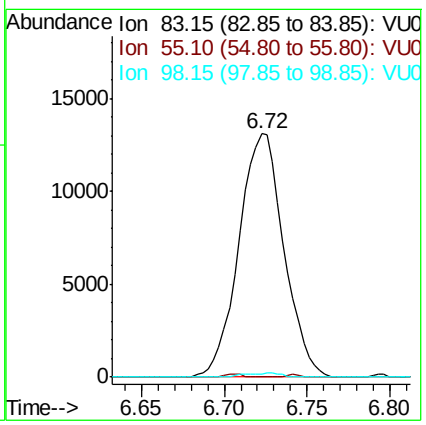


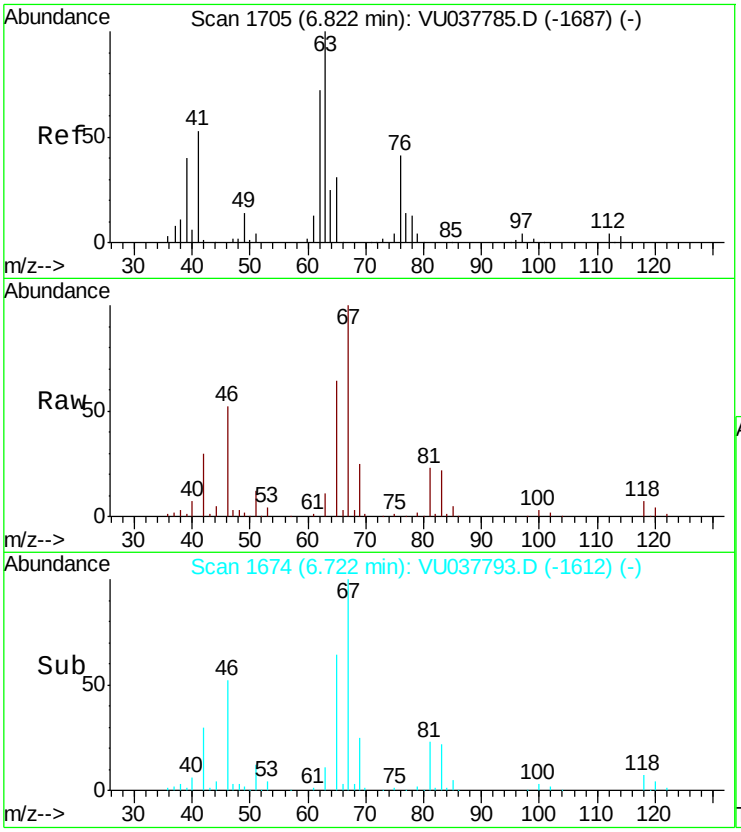


#35
Methylcyclohexane
Concen: 0.658 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Tgt Ion: 83 Resp: 24719

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.5	98.3#
98	0.7	38.2	57.4#



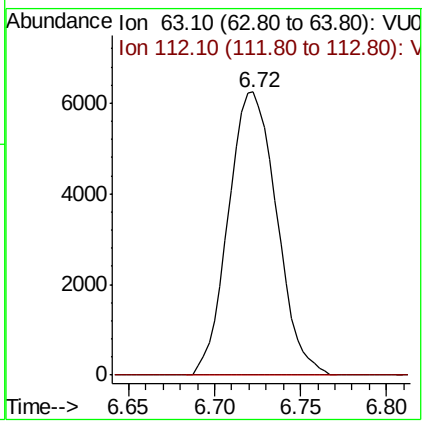


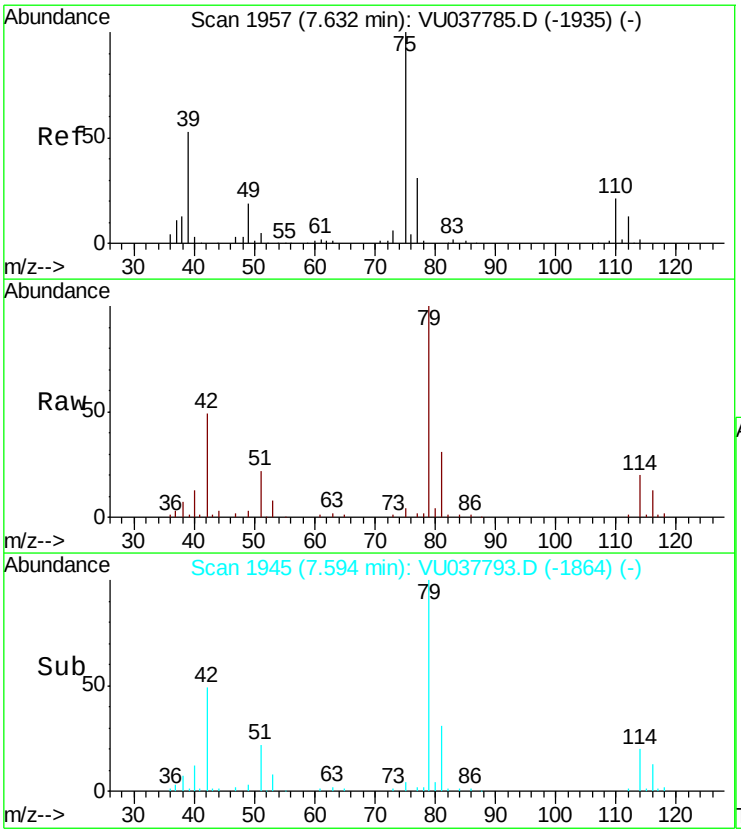
#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12188

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

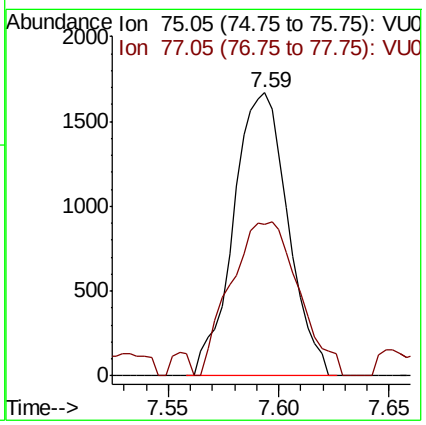


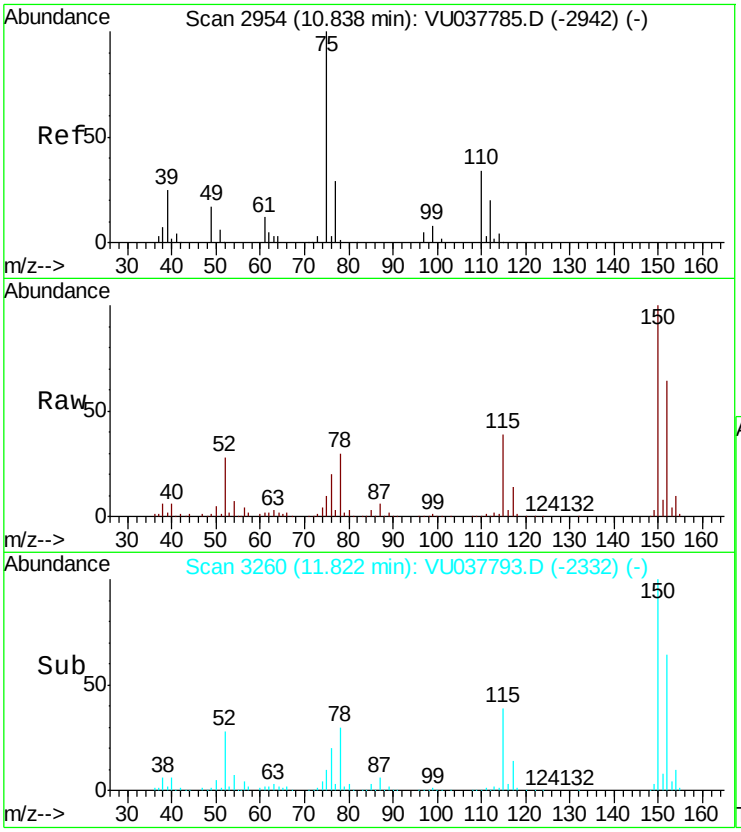


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Tgt Ion: 75 Resp: 2861

Ion	Ratio	Lower	Upper
75	100		
77	53.6	22.2	41.2#





#59
1,2,3-Trichloropropane
Concen: 1.180 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU037793.D
Acq: 18 Apr 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 17851

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.4	38.2