Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037052.D
Acq On : 04 Mar 2020 20:33
Operator : JC/MD
Sample : L1784-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ8

Quant Time: Mar 05 01:02:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	245123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	226751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75482	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87692	42.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.20%			
7) Chloroethane-d5	1.91	69	83661	49.12	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.24%			
11) 1,1-Dichloroethene-d2	2.58	63	115548	33.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.04%			
21) 2-Butanone-d5	4.67	46	139320	100.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.90%			
24) Chloroform-d	5.10	84	156402	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.52%			
26) 1,2-Dichloroethane-d4	5.74	65	107728	50.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.28%			
32) Benzene-d6	5.76	84	337441	51.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.92%			
36) 1,2-Dichloropropane-d6	6.72	67	112852	53.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.24%			
41) Toluene-d8	7.92	98	293870	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.62%			
43) trans-1,3-Dichloropropene-	8.20	79	45302	45.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.78%			
47) 2-Hexanone-d5	8.66	63	96006	92.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.43%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	157208	52.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.98%			
64) 1,2-Dichlorobenzene-d4	12.21	152	82467	55.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.78%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	4179	1.747	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1473	0.941	ug/L #	28
13) Acetone	2.66	43	3589	2.527	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	13427	5.523	ug/L	99
31) Carbon tetrachloride	5.35	117	2058	1.080	ug/L	82
34) Trichloroethene	6.57	95	132933	75.502	ug/L	99
35) Methylcyclohexane	6.72	83	24789	8.120	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12305	6.380	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2901	0.976	ug/L #	64
48) 2-Hexanone	8.66	43	11693	5.156	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	11314	4.560	ug/L	92

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

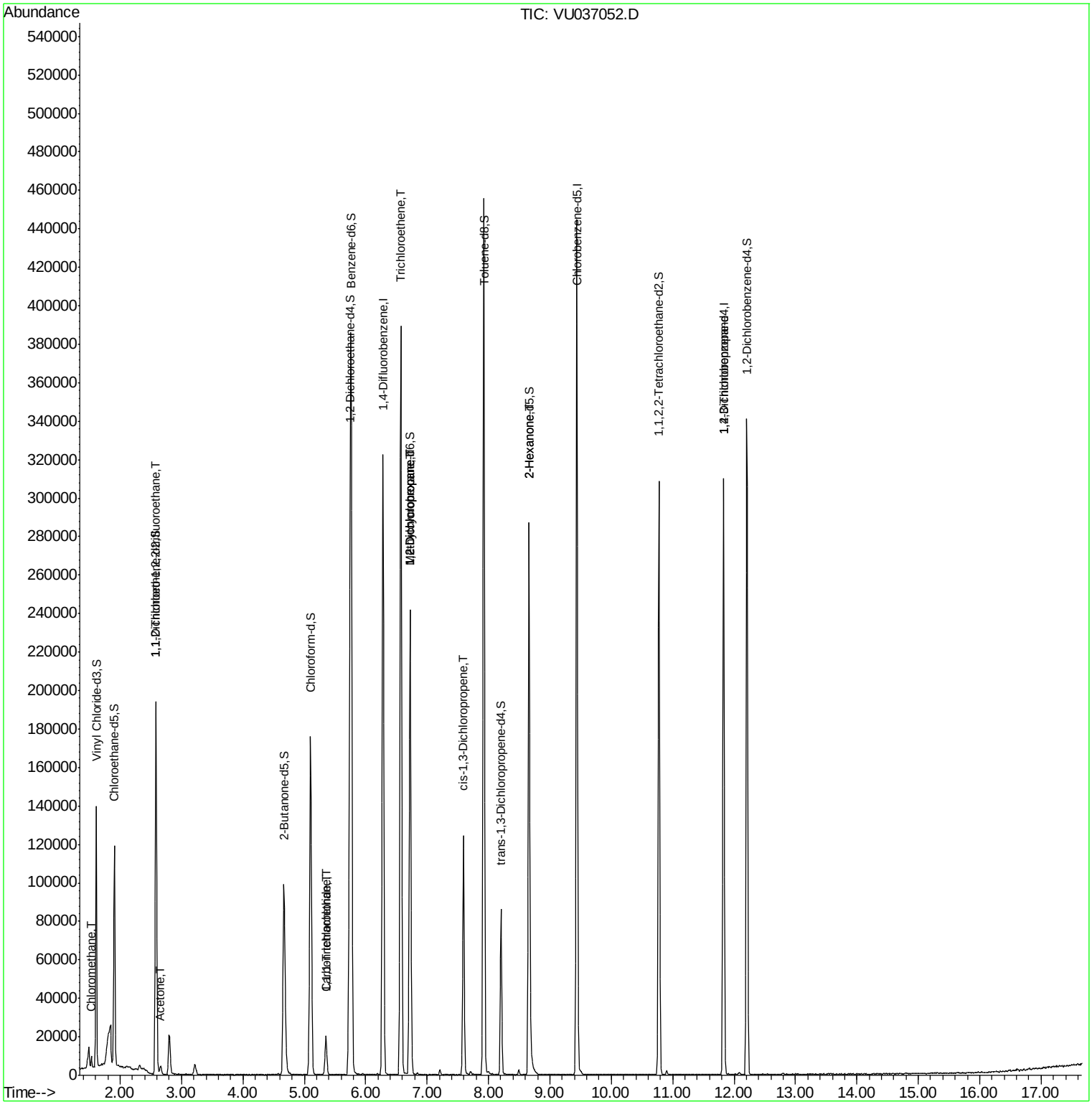
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

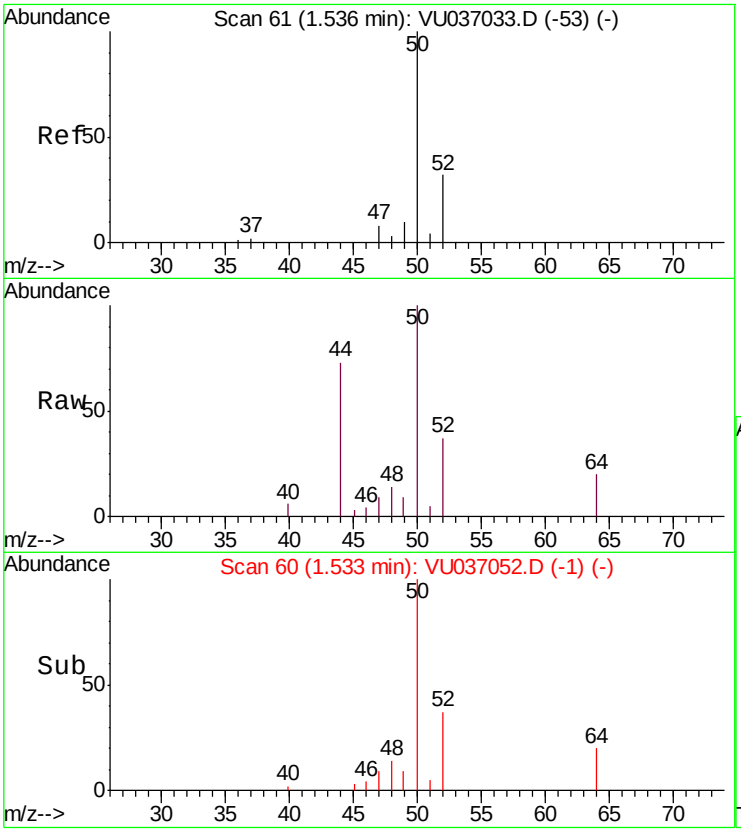
Quantitation Report (Not Reviewed)

Data File : VU037052.D
Acq On : 04 Mar 2020 20:33
Operator : JC/MD
Sample : L1784-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Quant Time: Mar 05 01:02:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration



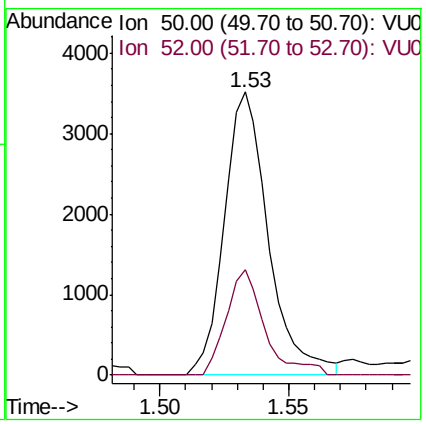


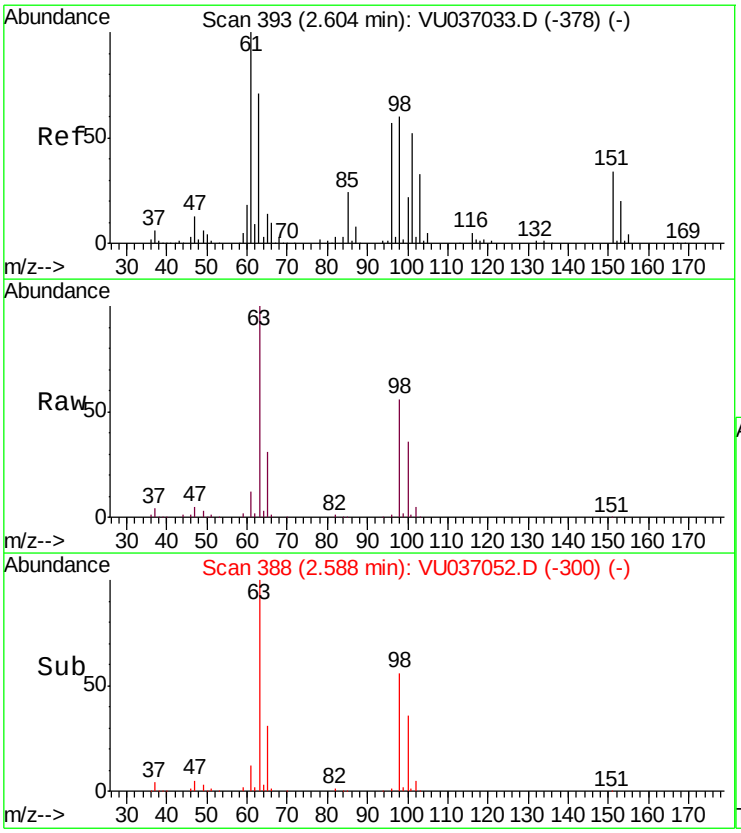
#3
Chloromethane
Concen: 1.747 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tgt Ion: 50 Resp: 4179

Ion	Ratio	Lower	Upper
50	100		
52	37.4	23.0	42.6

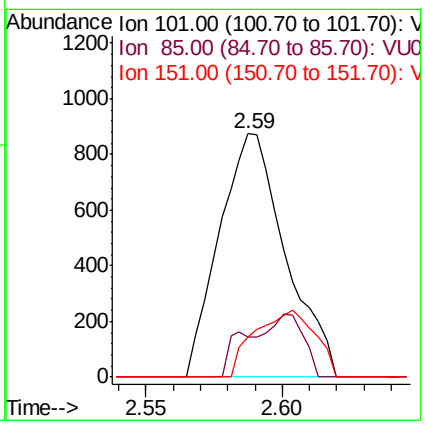


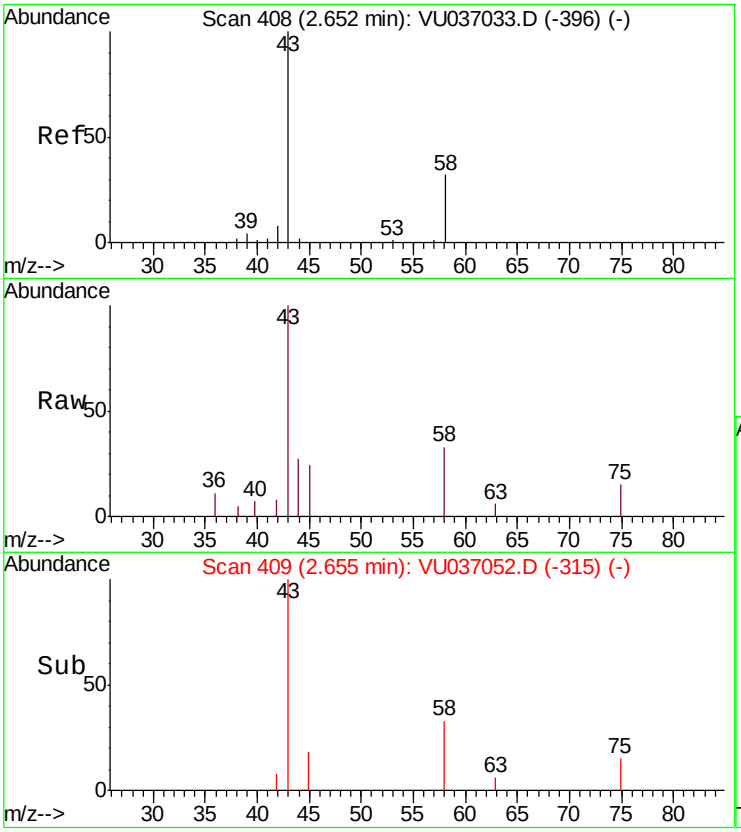


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.941 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.02 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion:101 Resp: 1473

Ion	Ratio	Lower	Upper
101	100		
85	7.9	36.4	54.6#
151	0.0	52.4	78.6#



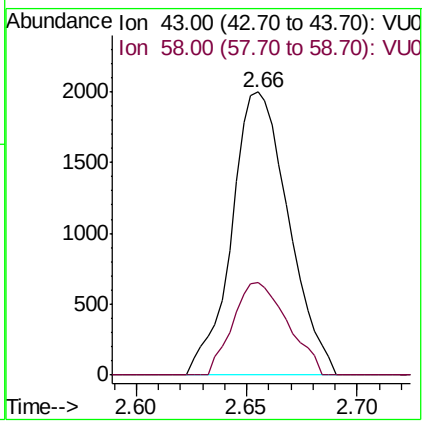


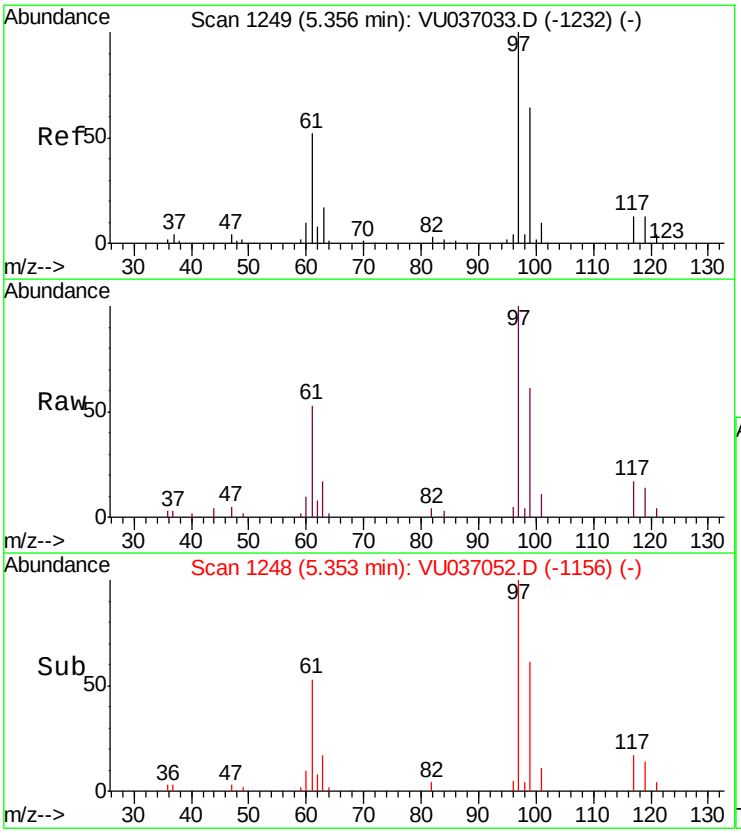
#13
Acetone
Concen: 2.527 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tgt Ion: 43 Resp: 3589

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	64.6

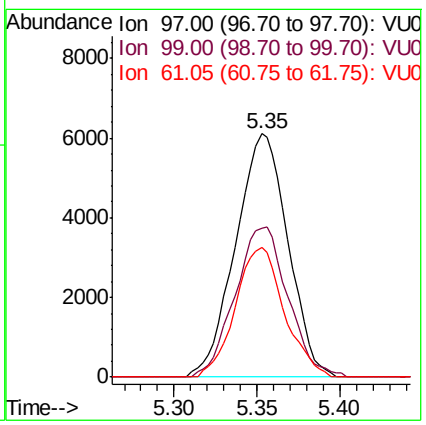


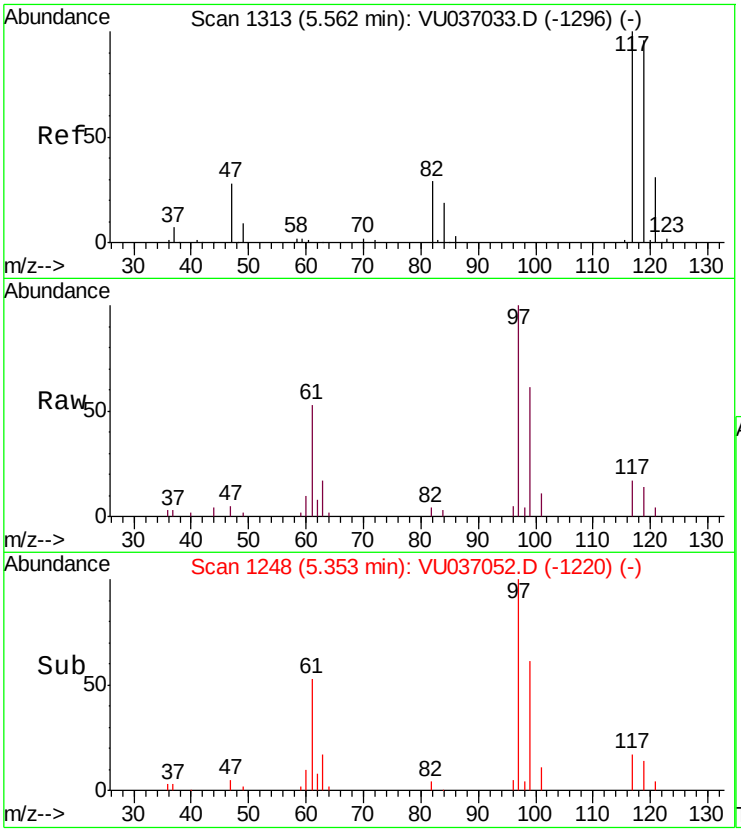


#30
1,1,1-Trichloroethane
Concen: 5.523 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 97 Resp: 13427

Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.4	75.6
61	49.9	40.3	60.5



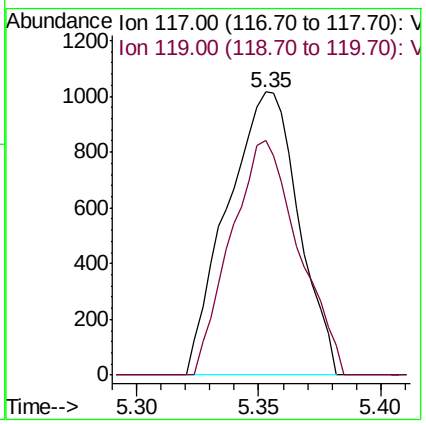


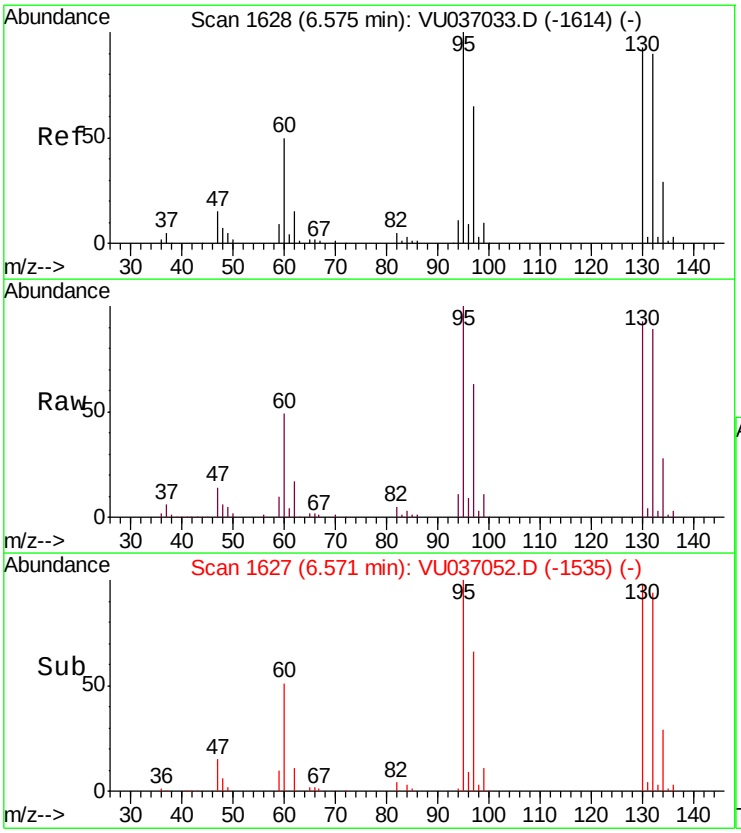
#31
Carbon tetrachloride
Concen: 1.080 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument : MSVOA_U
ClientSampleId : C0AZ8

Tgt Ion:117 Resp: 2058

Ion	Ratio	Lower	Upper
117	100		
119	78.8	77.2	115.8

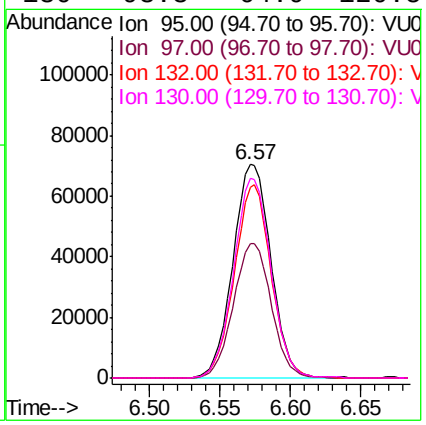


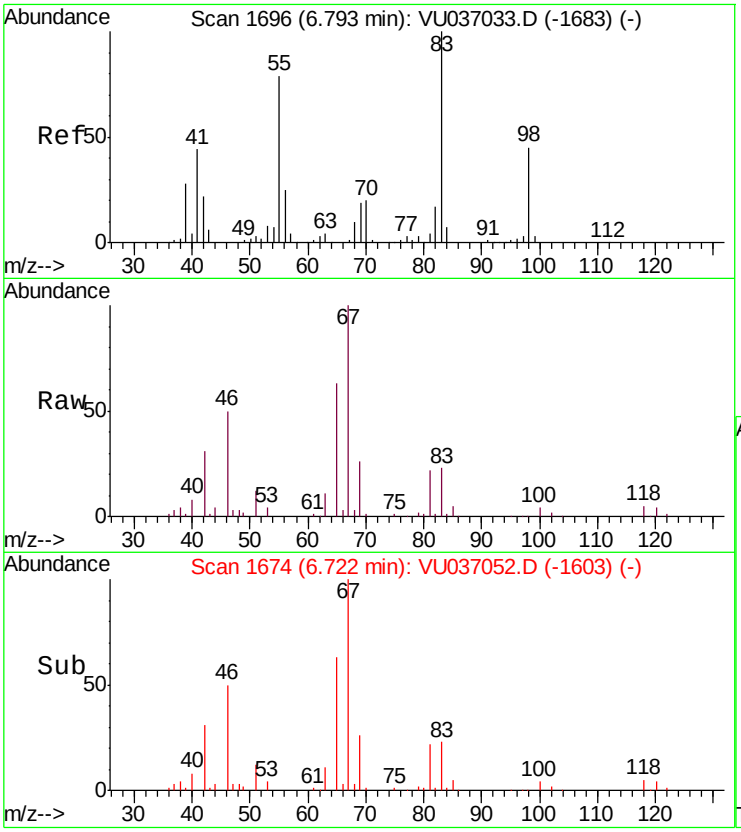


#34
Trichloroethene
Concen: 75.502 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 95 Resp: 132933

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	89.3	60.6	112.6
130	93.3	64.9	120.5



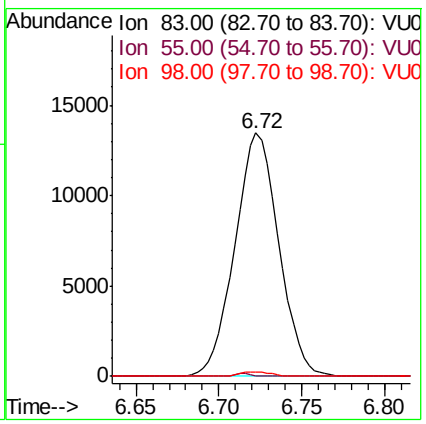


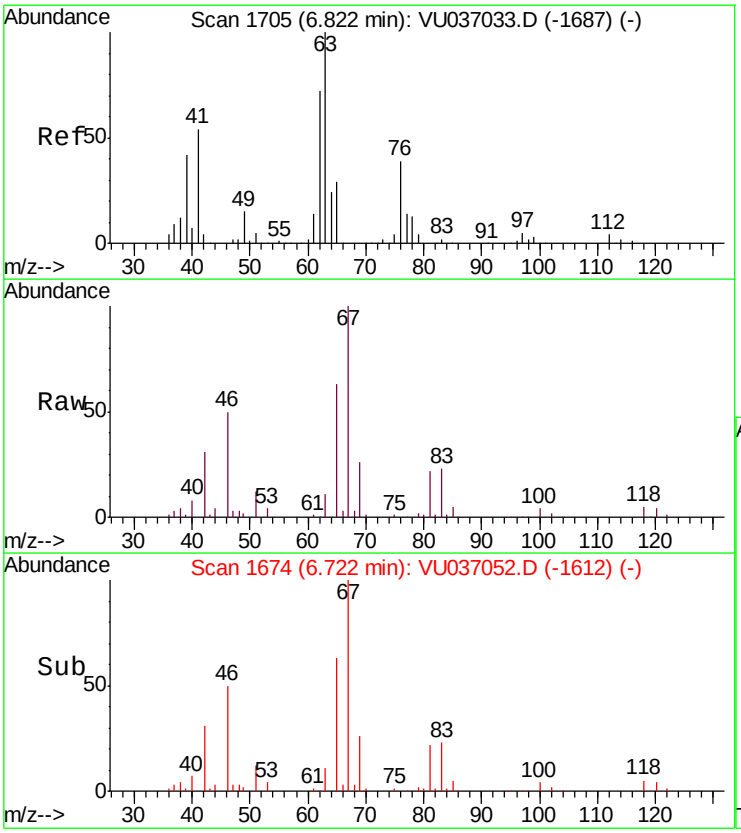
#35
Methylcyclohexane
Concen: 8.120 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument : MSVOA_U
ClientSampleId : C0AZ8

Tgt Ion: 83 Resp: 24789

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	93.8#
98	1.3	35.1	52.7#

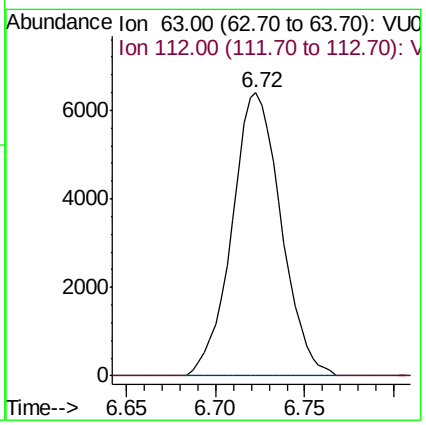


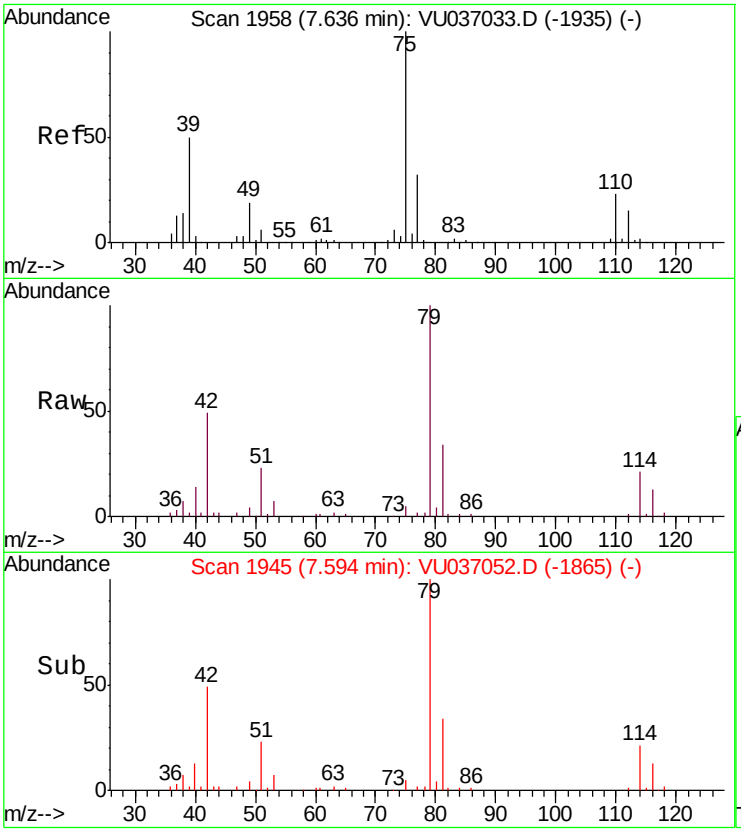


#37
1,2-Dichloropropane
Concen: 6.380 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 63 Resp: 12305

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



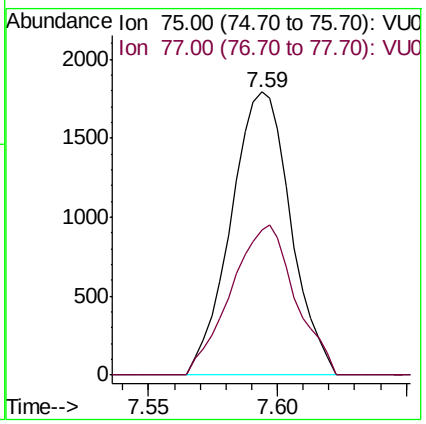


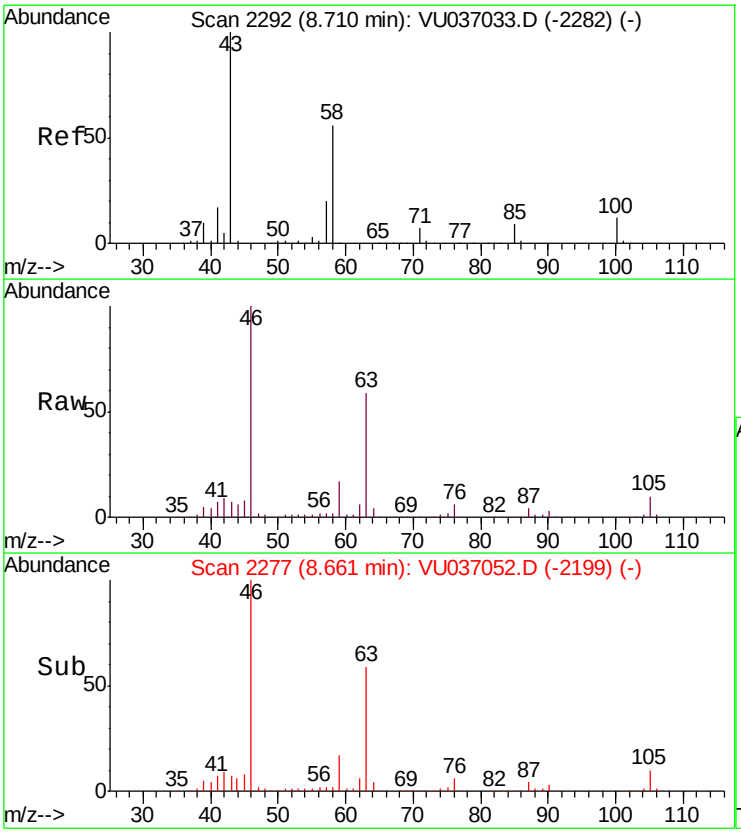
#39
cis-1,3-Dichloropropene
Concen: 0.976 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tgt Ion: 75 Resp: 2901

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.0	41.0#

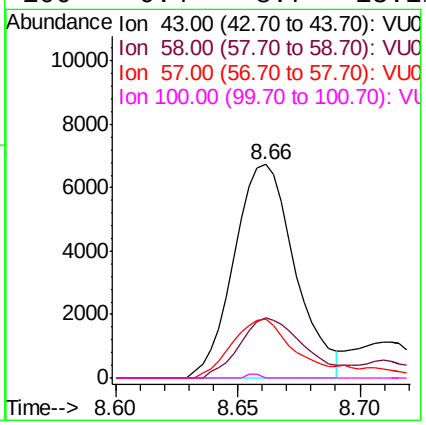


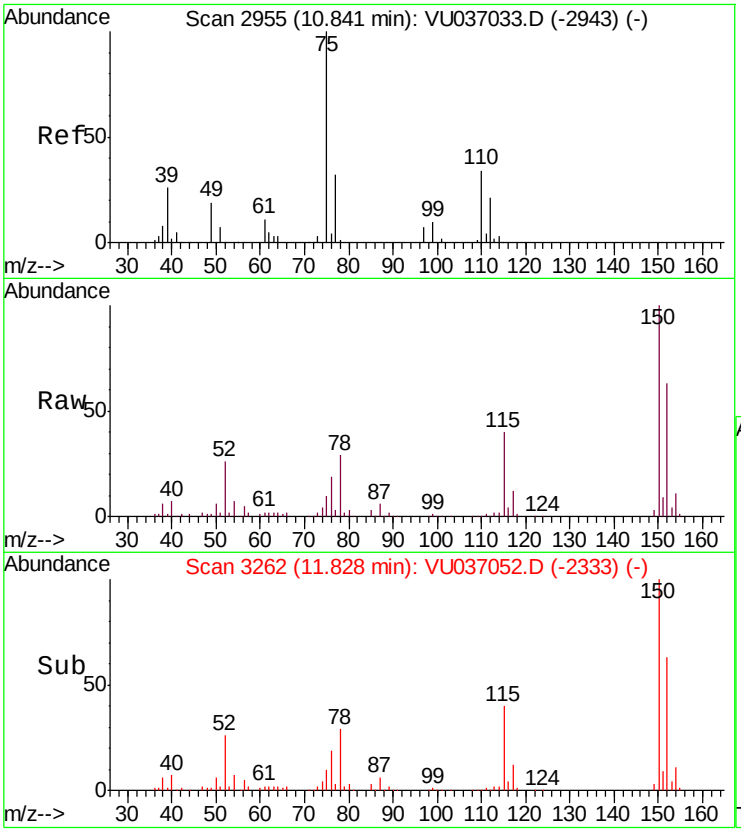


#48
2-Hexanone
Concen: 5.156 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 43 Resp: 11693

Ion	Ratio	Lower	Upper
43	100		
58	30.3	43.5	65.3#
57	27.6	15.1	22.7#
100	0.4	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 4.560 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tgt Ion: 75 Resp: 11314

Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.2	39.2