Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037504.D
Acq On : 31 Mar 2020 18:44
Operator : JC/MD
Sample : L2001-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 01 01:28:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93749	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	90883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46176	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	22687	3.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.60%			
7) Chloroethane-d5	1.90	69	14309	2.41	ug/L	-0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 48.20%#			
11) 1,1-Dichloroethene-d2	2.58	63	33148	2.48	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.60%#			
20) 2-Butanone-d5	4.67	46	88591	42.00	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.00%			
24) Chloroform-d	5.10	84	48560	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.20%			
26) 1,2-Dichloroethane-d4	5.73	65	27275	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.60%			
32) Benzene-d6	5.76	84	92583	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.60%#			
36) 1,2-Dichloropropane-d6	6.72	67	32763	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.20%			
41) Toluene-d8	7.92	98	80889	3.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.80%#			
43) trans-1,3-Dichloropropene-	8.20	79	13691	3.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.40%			
46) 2-Hexanone-d5	8.66	63	82215	45.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.22%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	31401	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	32800	3.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 73.40%#			
Target Compounds						Qvalue
6) Bromomethane	1.85	94	357	0.091	ug/L	95
13) Acetone	2.66	43	14048	11.769	ug/L	99
15) Methyl Acetate	2.98	43	16796	5.166	ug/L	97
16) Methylene chloride	3.07	84	940	0.134	ug/L	77
21) 2-Butanone	4.84	43	449655	214.169	ug/L #	48
31) Carbon tetrachloride	5.56	117	33852	3.563	ug/L	97
35) Methylcyclohexane	6.72	83	7094	0.575	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	3612	0.481	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	884	0.076	ug/L #	43
54) o-Xylene	10.12	106	855	0.070	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	7235	1.402	ug/L	90

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

Quantitation Report (Not Reviewed)

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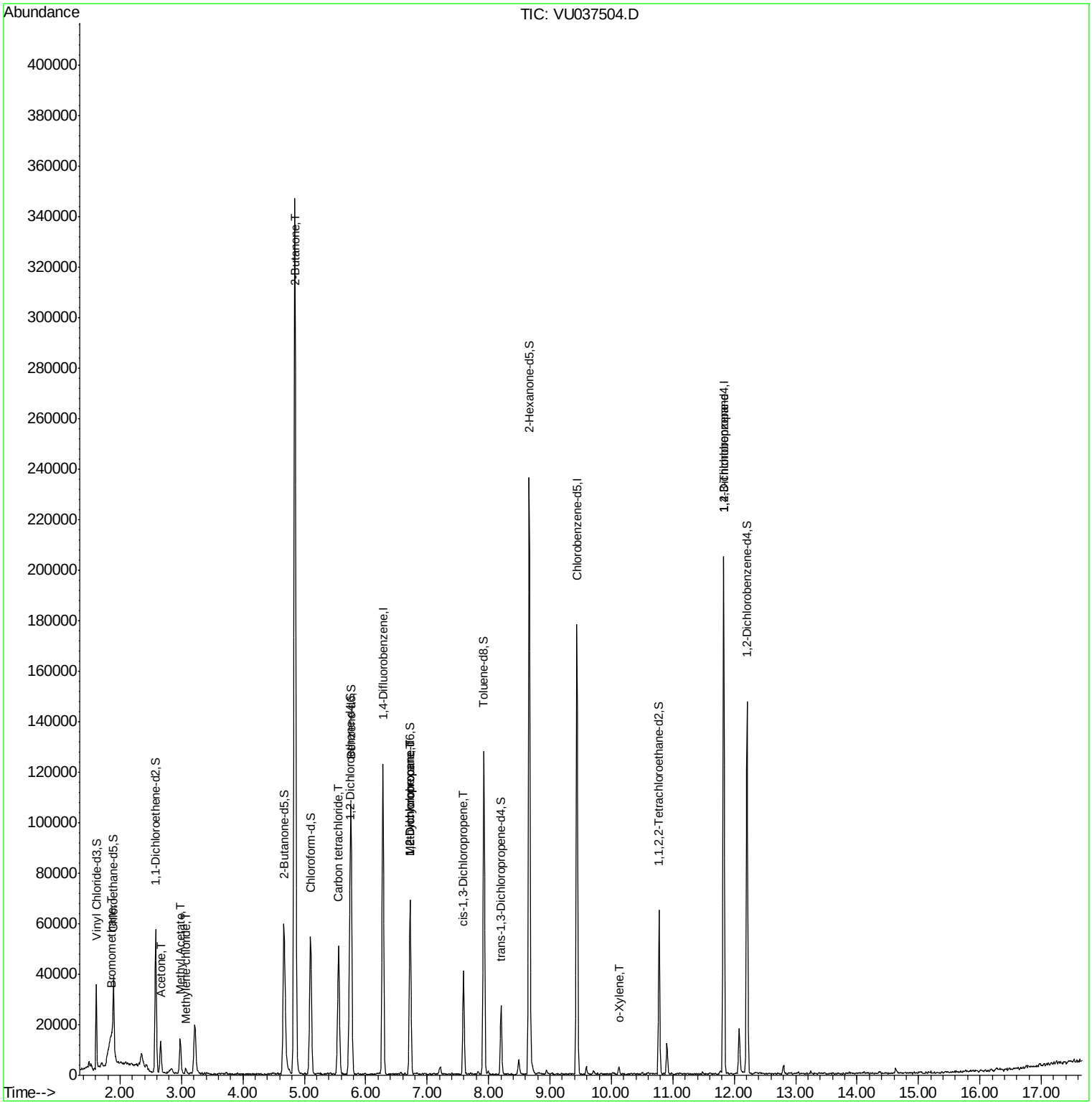
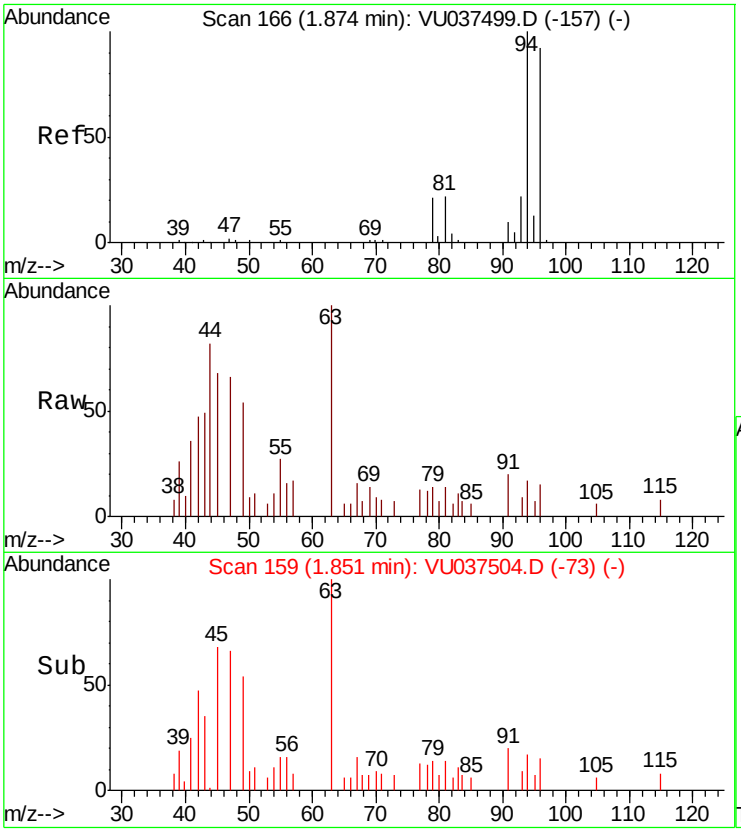
Sample : L2001-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 01 01:28:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration



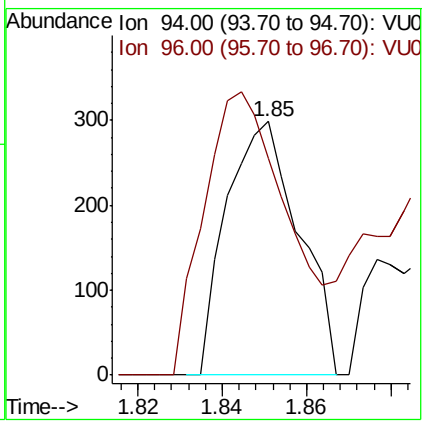


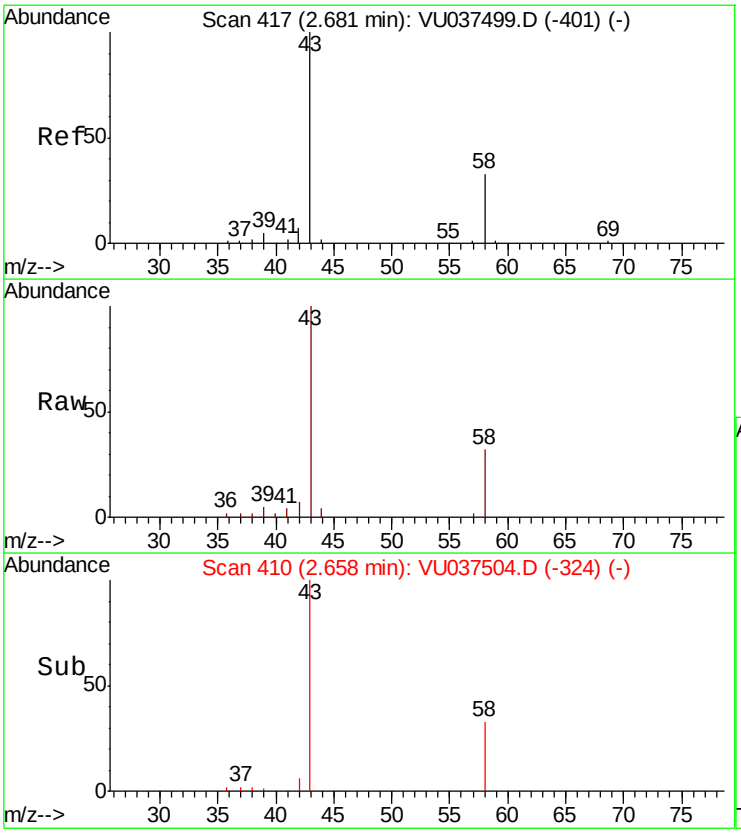
#6
Bromomethane
Concen: 0.091 ug/L
RT: 1.85 min Scan# 159
Delta R.T. -0.02 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 357

Ion	Ratio	Lower	Upper
94	100		
96	85.6	63.2	117.4

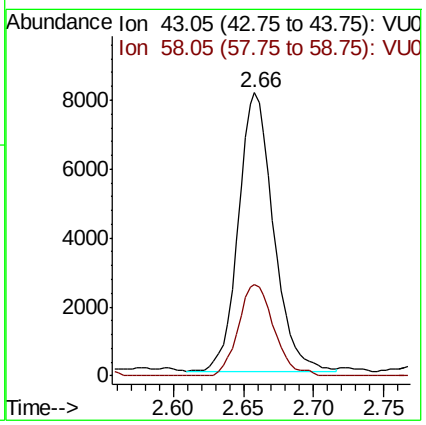


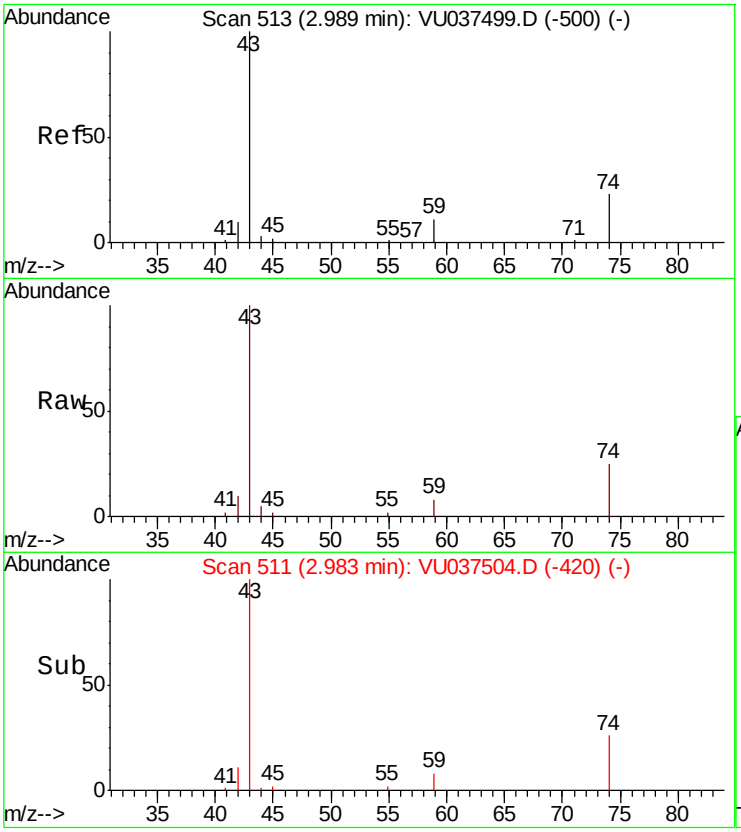


#13
Acetone
Concen: 11.769 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.02 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Tgt Ion: 43 Resp: 14048

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	68.2



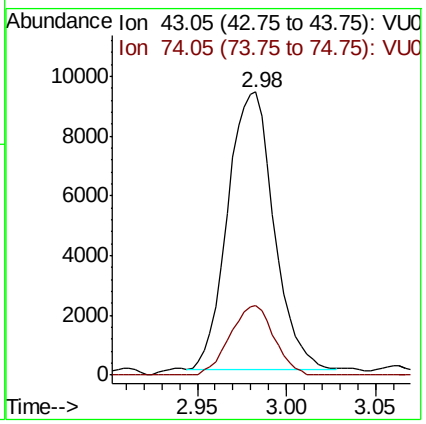


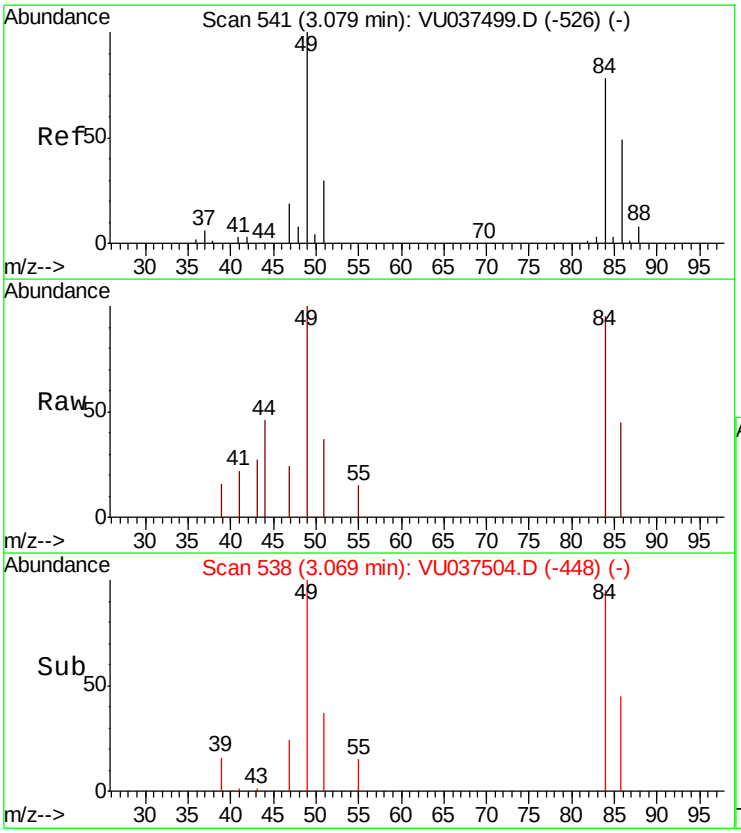
#15
Methyl Acetate
Concen: 5.166 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 16796

Ion	Ratio	Lower	Upper
43	100		
74	23.8	17.9	26.9

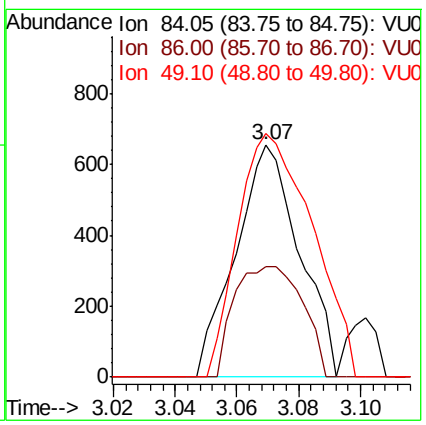


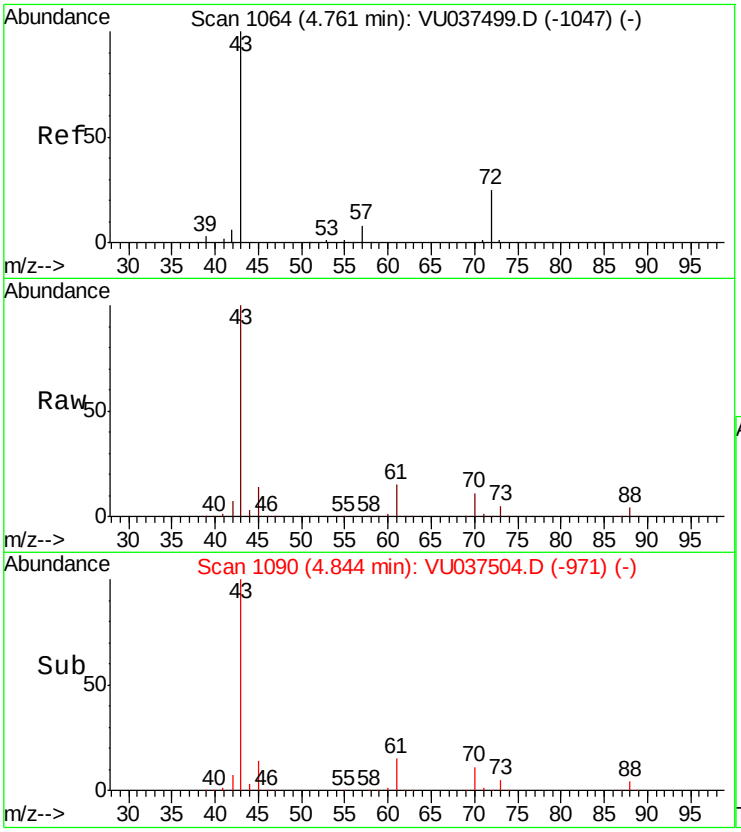


#16
Methylene chloride
Concen: 0.134 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Tgt Ion: 84 Resp: 940

Ion	Ratio	Lower	Upper
84	100		
86	47.6	44.7	82.9
49	104.7	92.7	172.3



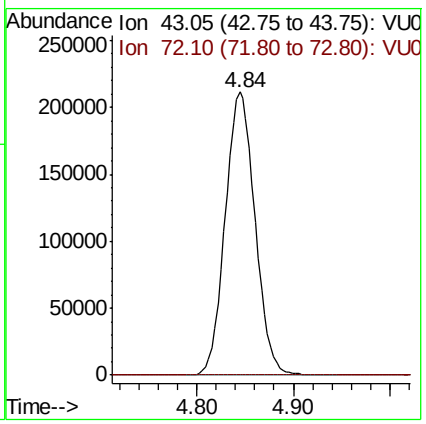


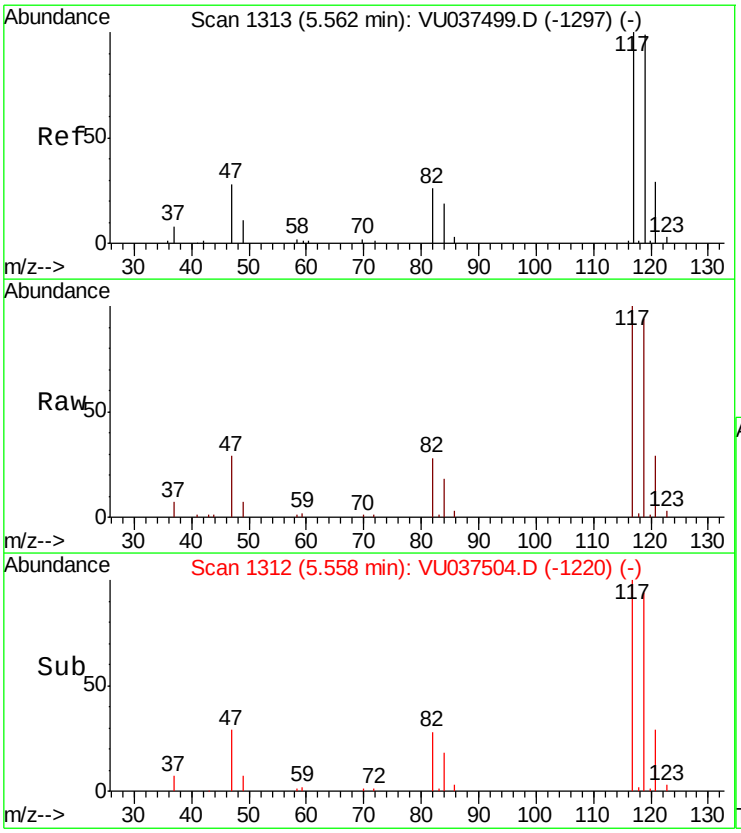
#21
2-Butanone
Concen: 214.169 ug/L
RT: 4.84 min Scan# 1090
Delta R.T. 0.08 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 449655

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.0#

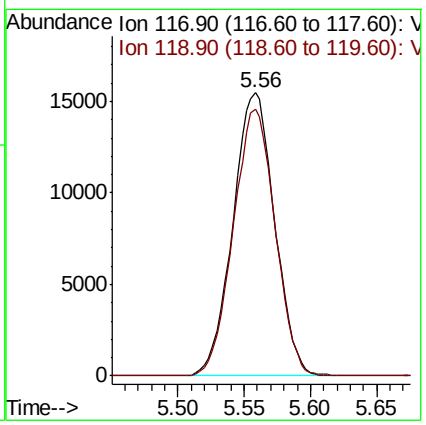


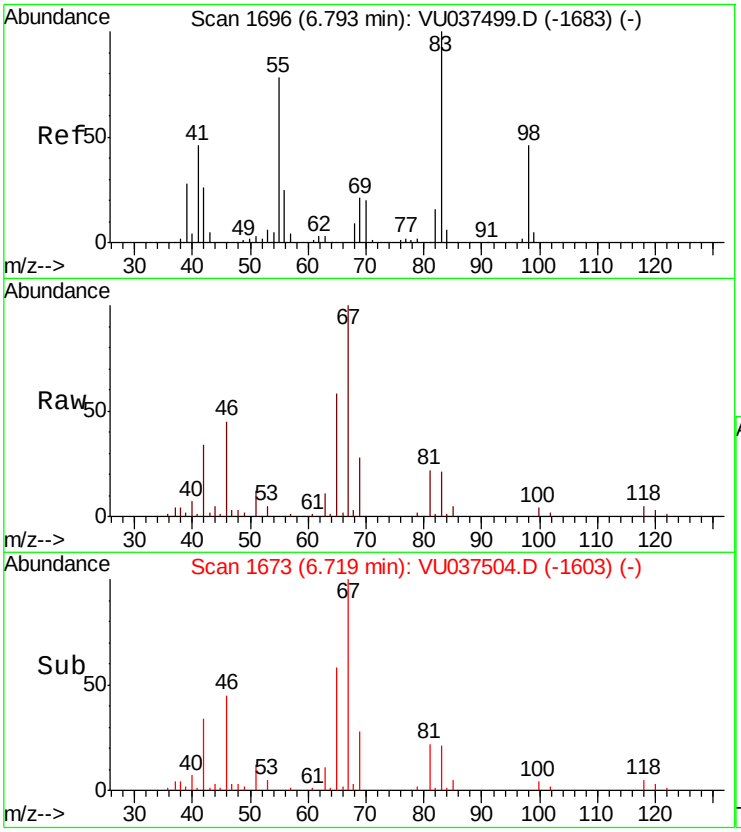


#31
Carbon tetrachloride
Concen: 3.563 ug/L
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Tgt Ion:117 Resp: 33852

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.6	116.4



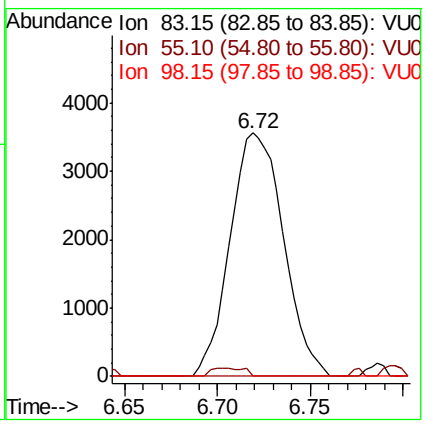


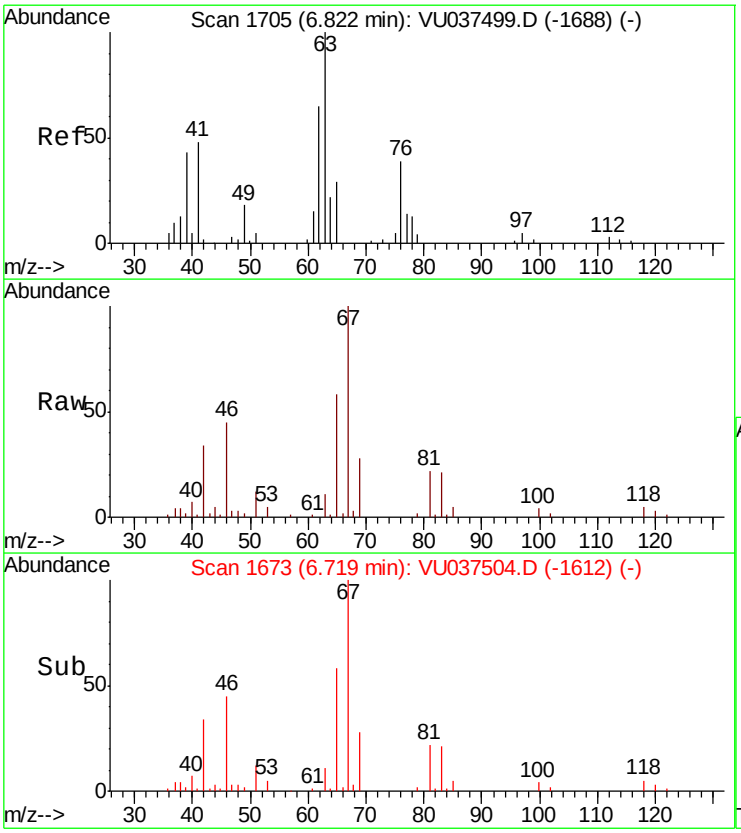
#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7094

Ion	Ratio	Lower	Upper
83	100		
55	2.1	64.4	96.6#
98	0.0	38.2	57.2#

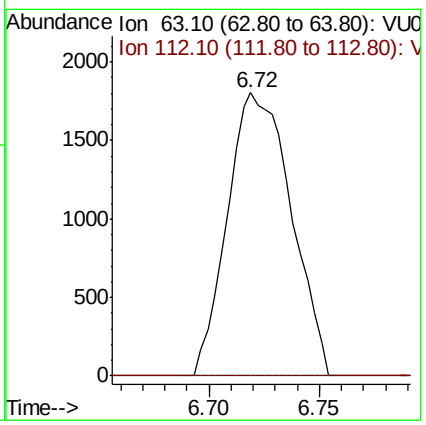


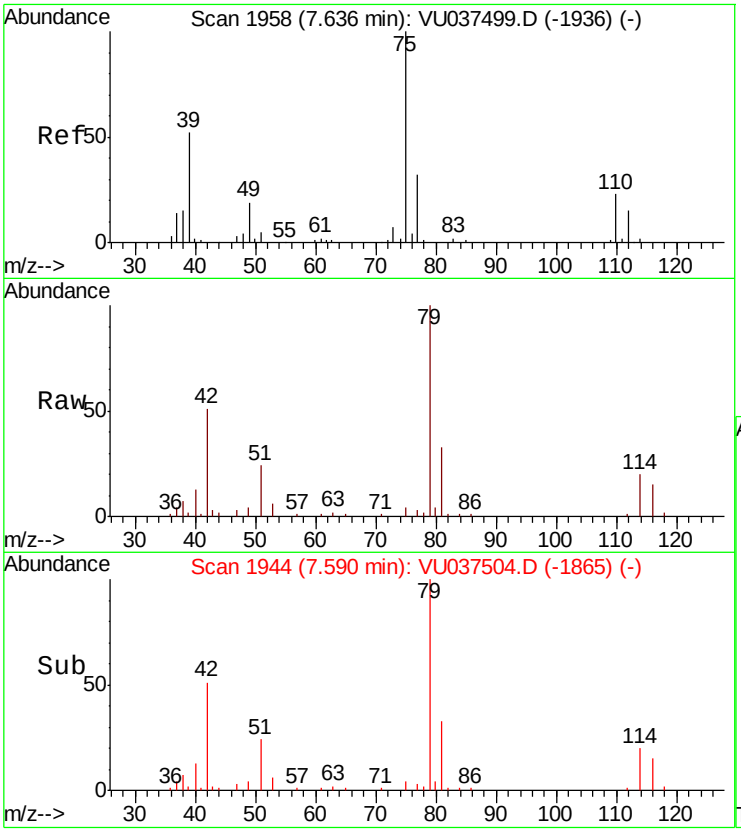


#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Tgt Ion: 63 Resp: 3612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



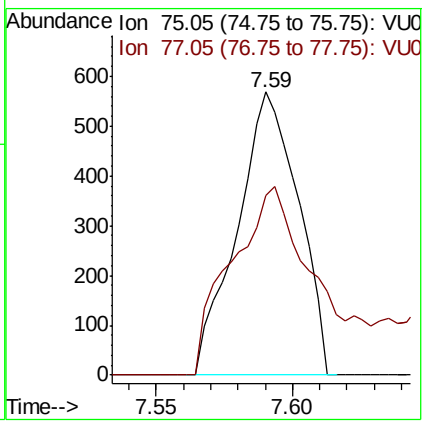


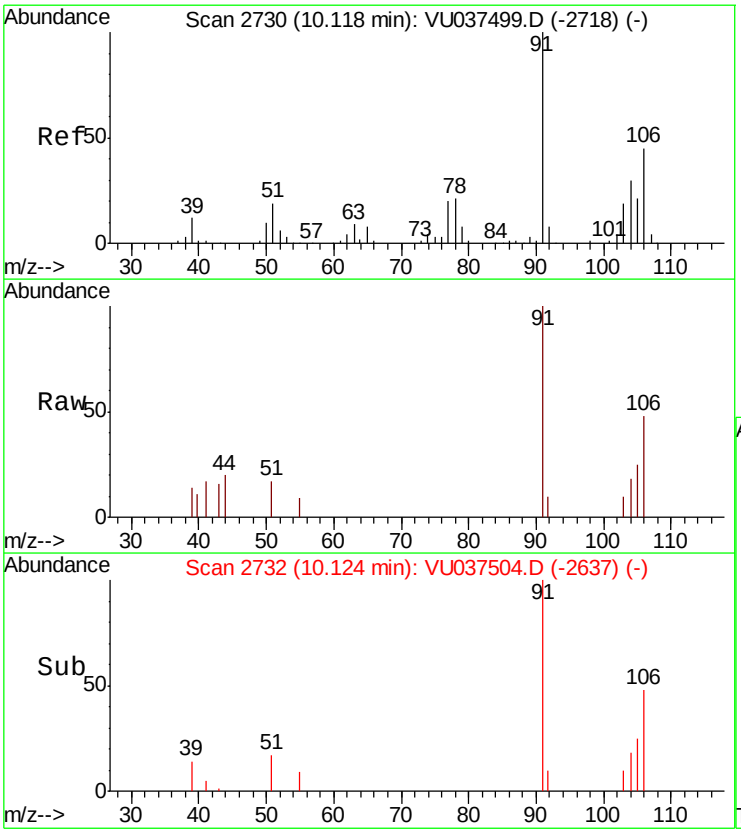
#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 884

Ion	Ratio	Lower	Upper
75	100		
77	63.7	22.4	41.6#

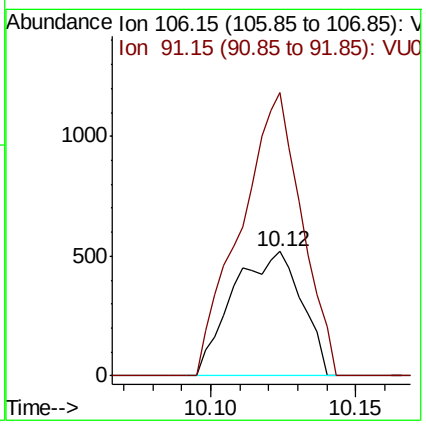


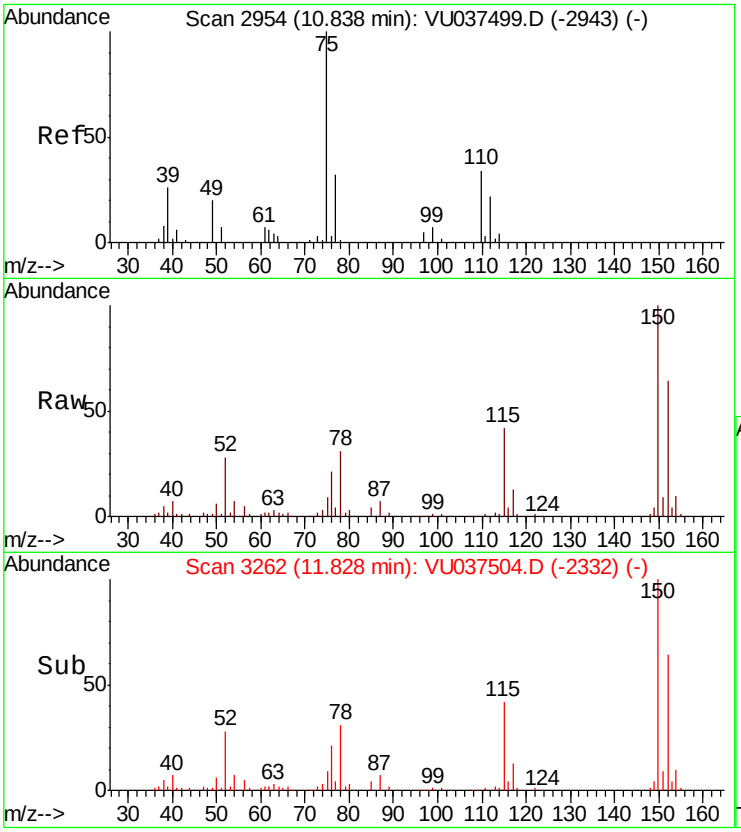


#54
o-Xylene
Concen: 0.070 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.01 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Tgt Ion:106 Resp: 855

Ion	Ratio	Lower	Upper
106	100		
91	227.3	155.6	289.0





#59
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037504.D
Acq: 31 Mar 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7235

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.2	39.2