Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031920\

Quantitation Report (Not Reviewed)

Data File : VU037339.D
Acq On : 19 Mar 2020 14:07
Operator : JC/MD
Sample : L1983-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA7

Quant Time: Mar 20 02:01:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	133637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	130479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55845	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.59	65	20	0.00	ug/L	-0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.00%#			
7) Chloroethane-d5	1.93	69	30126	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.59	63	32628	2.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 42.60%#			
20) 2-Butanone-d5	4.67	46	111639	53.07	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.14%			
24) Chloroform-d	5.11	84	84164	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.74	65	47683	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.76	84	138605	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.72	67	46100	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.93	98	50897	1.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 37.80%#			
43) trans-1,3-Dichloropropene-	8.21	79	13239	3.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.60%			
46) 2-Hexanone-d5	8.66	63	88044	48.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.80%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39868	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	49353	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	2634	0.173	ug/L	93
13) Acetone	2.66	43	7402	4.160	ug/L	99
14) Carbon disulfide	2.82	76	2174	0.079	ug/L #	86
15) Methyl Acetate	2.79	43	13919	3.402	ug/L #	55
16) Methylene chloride	3.08	84	724	0.070	ug/L	87
17) Methyl tert-butyl Ether	3.40	73	14735	0.598	ug/L	98
25) Chloroform	5.13	83	69419	3.428	ug/L	99
35) Methylcyclohexane	6.72	83	11666	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5791	0.559	ug/L #	88
38) Bromodichloromethane	7.14	83	21761	1.492	ug/L	97
49) Dibromochloromethane	8.84	129	14628	1.501	ug/L	98
61) Bromoform	10.31	173	2418	0.491	ug/L #	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031920\

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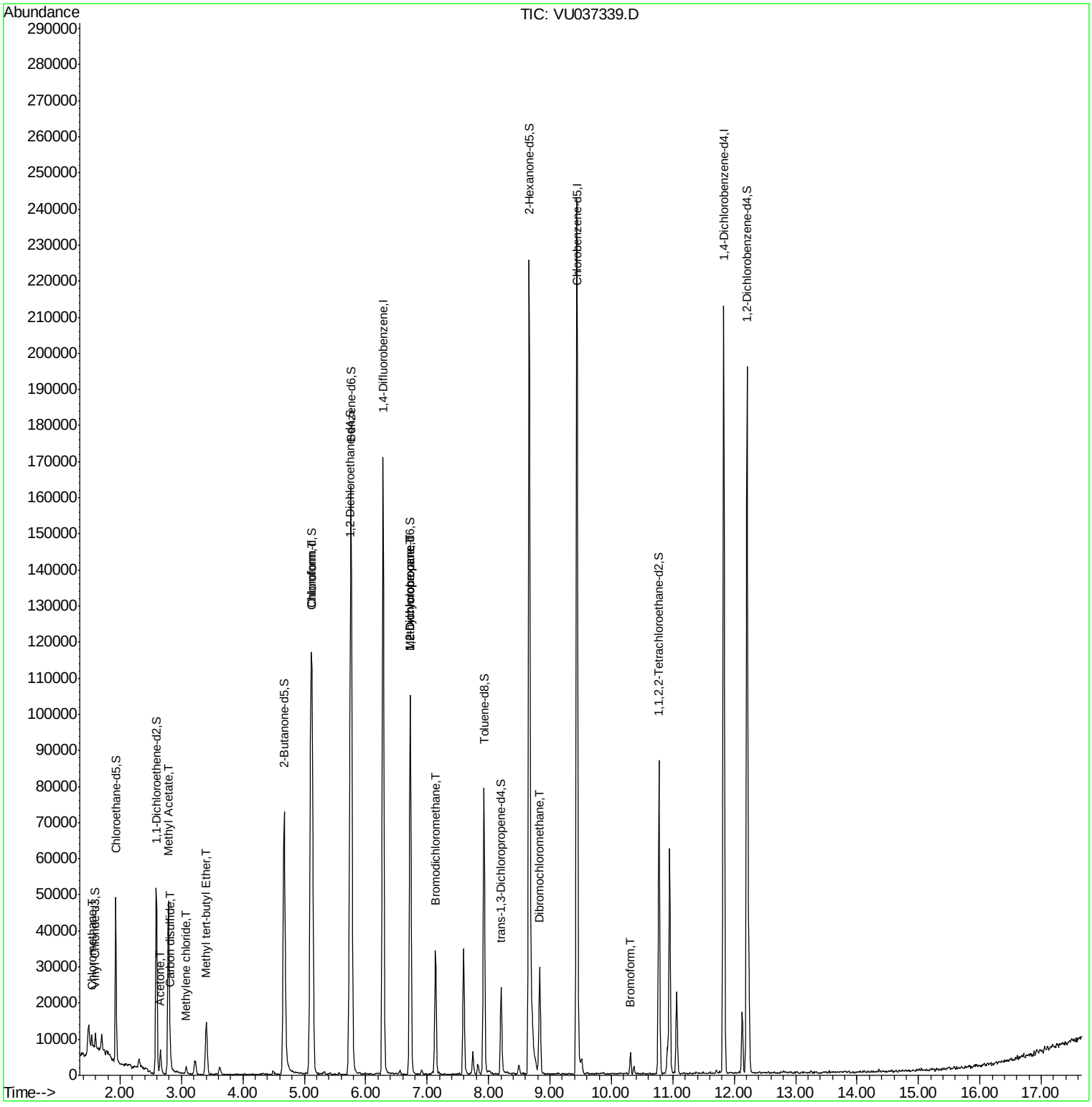
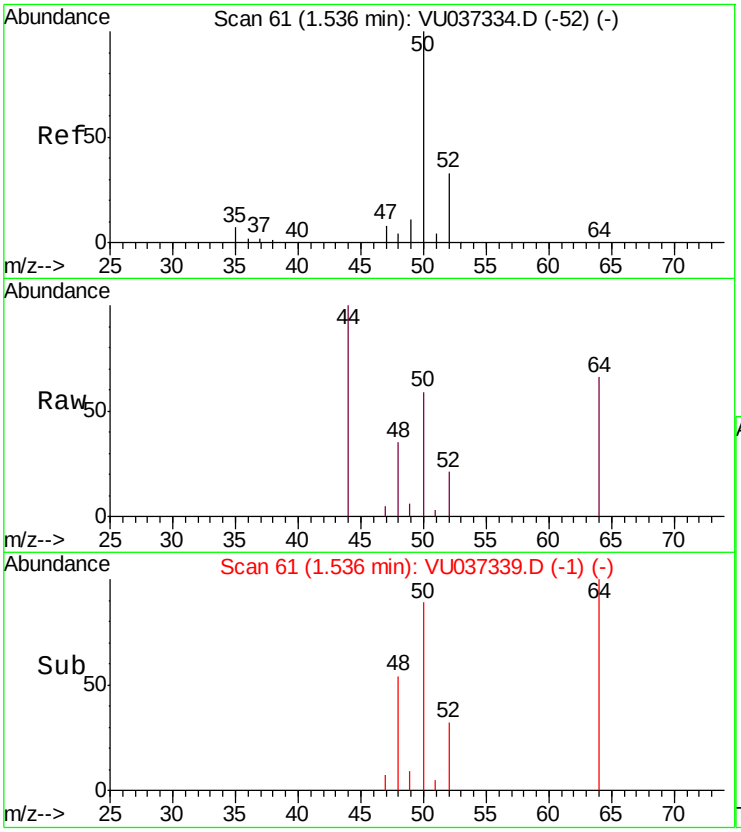
Quant Time: Mar 20 02:01:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration



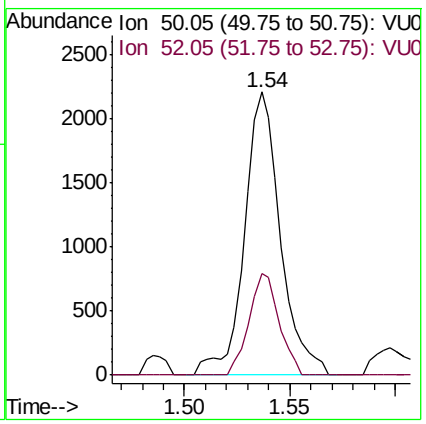


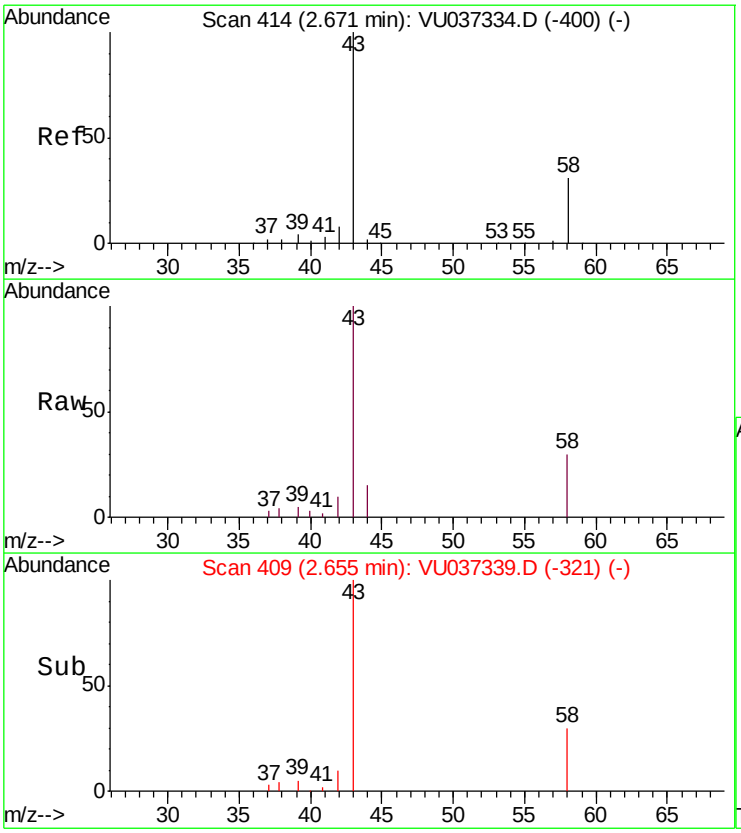
#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 50 Resp: 2634

Ion	Ratio	Lower	Upper
50	100		
52	35.7	22.3	41.5

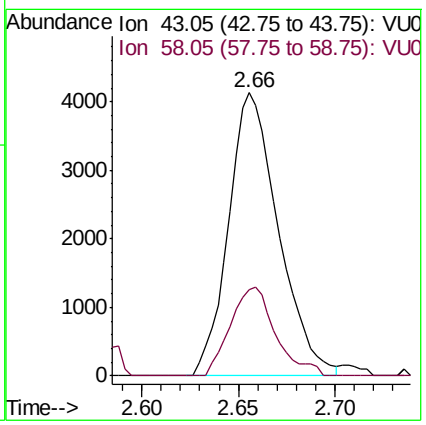


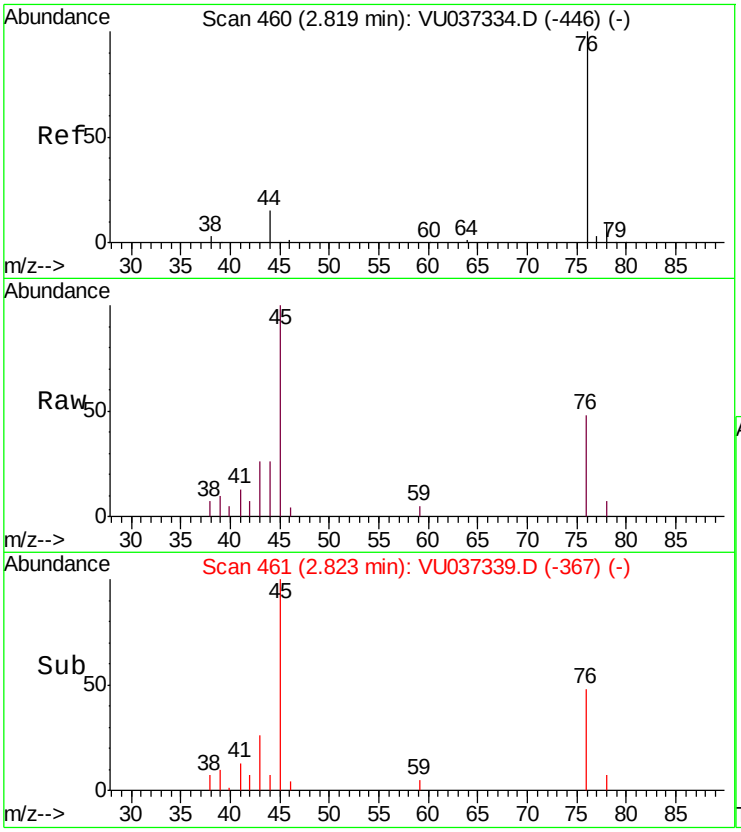


#13
Acetone
Concen: 4.160 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.02 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 43 Resp: 7402

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	58.0



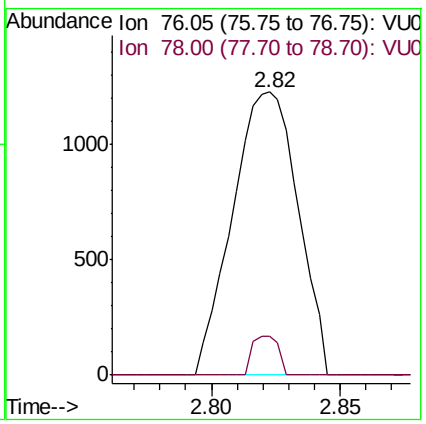


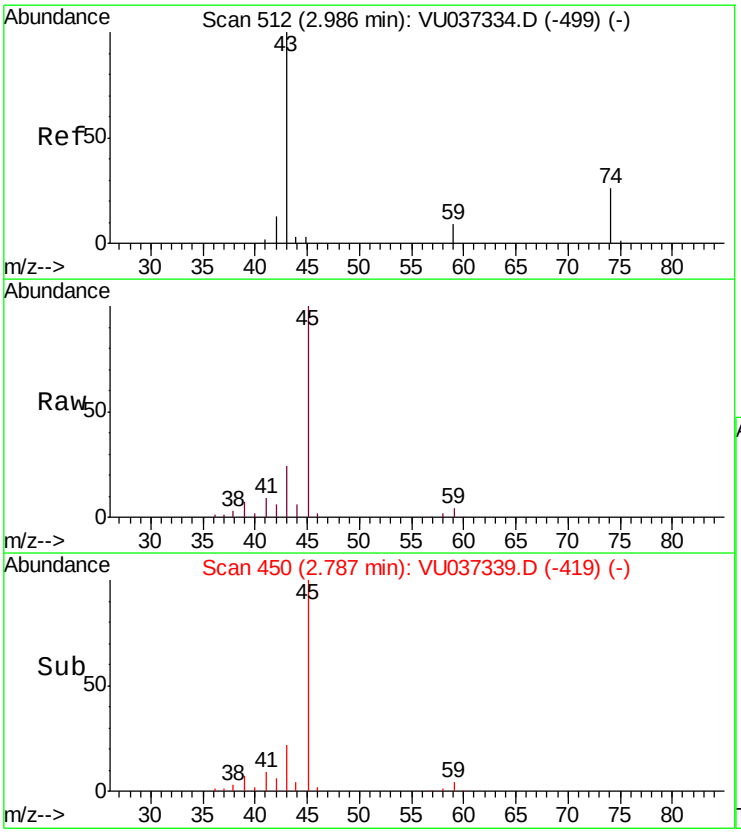
#14
Carbon disulfide
Concen: 0.079 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 76 Resp: 2174

Ion	Ratio	Lower	Upper
76	100		
78	13.9	7.1	10.7#

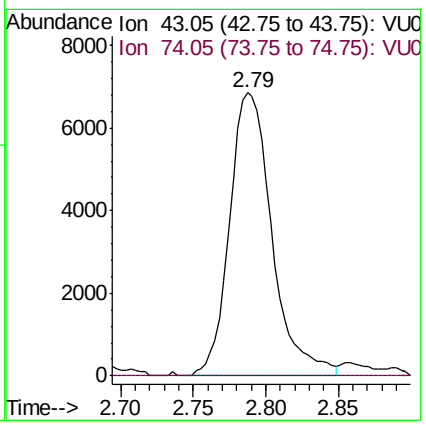


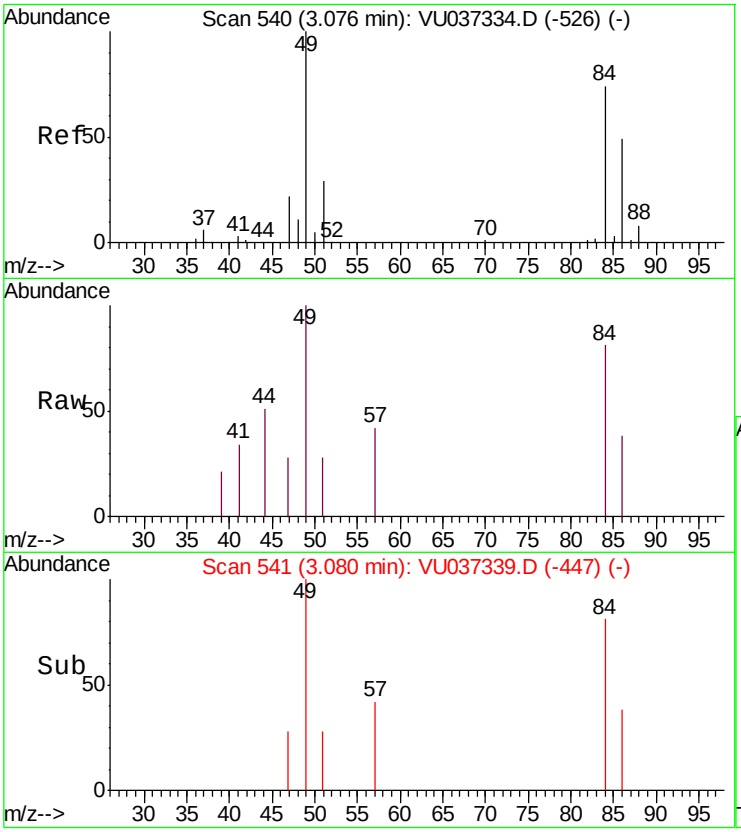


#15
Methyl Acetate
Concen: 3.402 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.20 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 43 Resp: 13919

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#



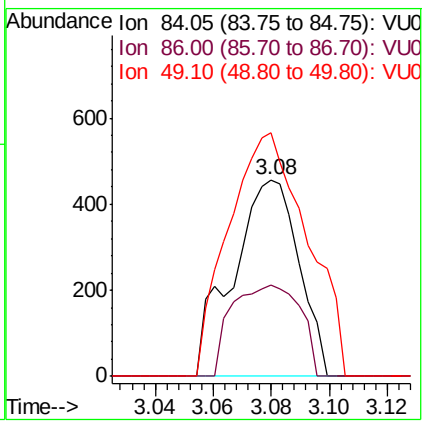


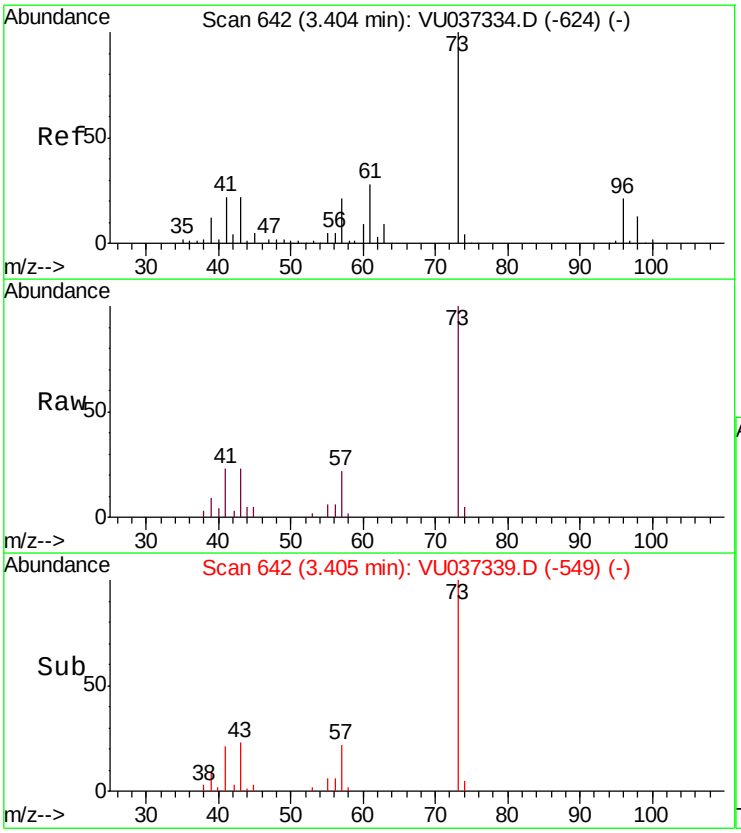
#16
Methylene chloride
Concen: 0.070 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 84 Resp: 724

Ion	Ratio	Lower	Upper
84	100		
86	46.7	45.2	84.0
49	124.1	94.4	175.4

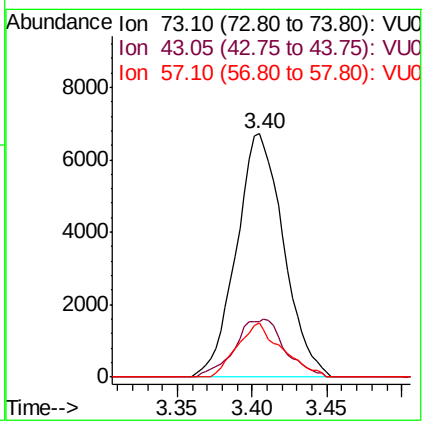


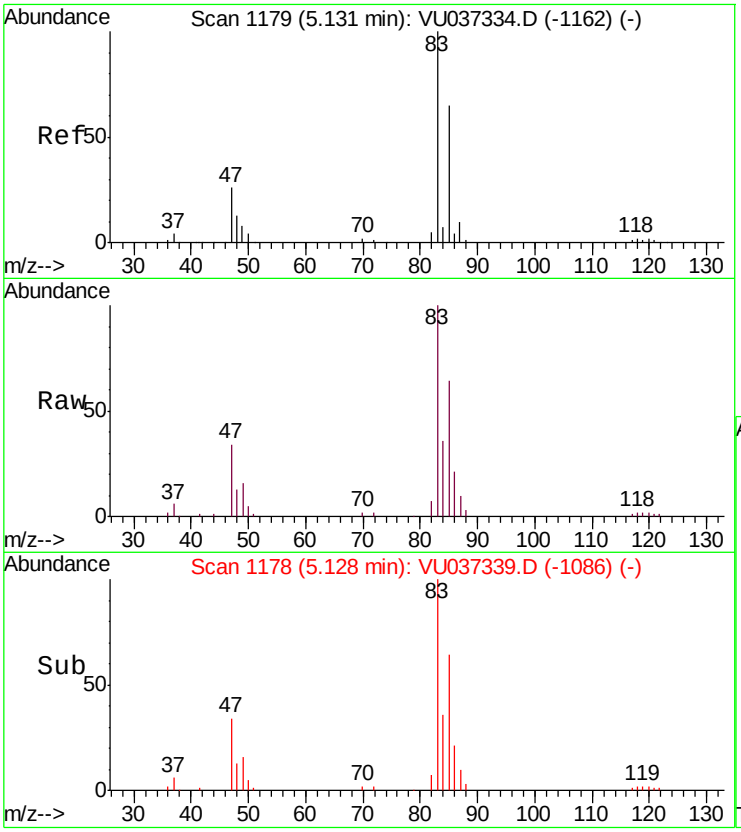


#17
Methyl tert-butyl Ether
Concen: 0.598 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 73 Resp: 14735

Ion	Ratio	Lower	Upper
73	100		
43	25.2	18.6	28.0
57	21.1	17.1	25.7



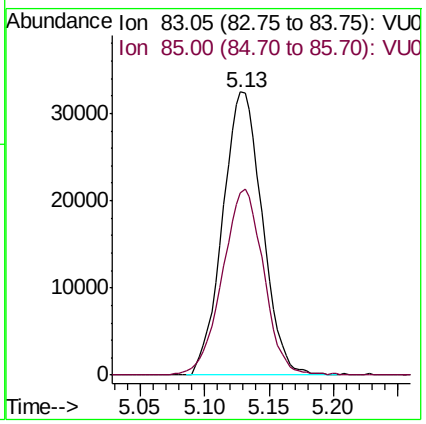


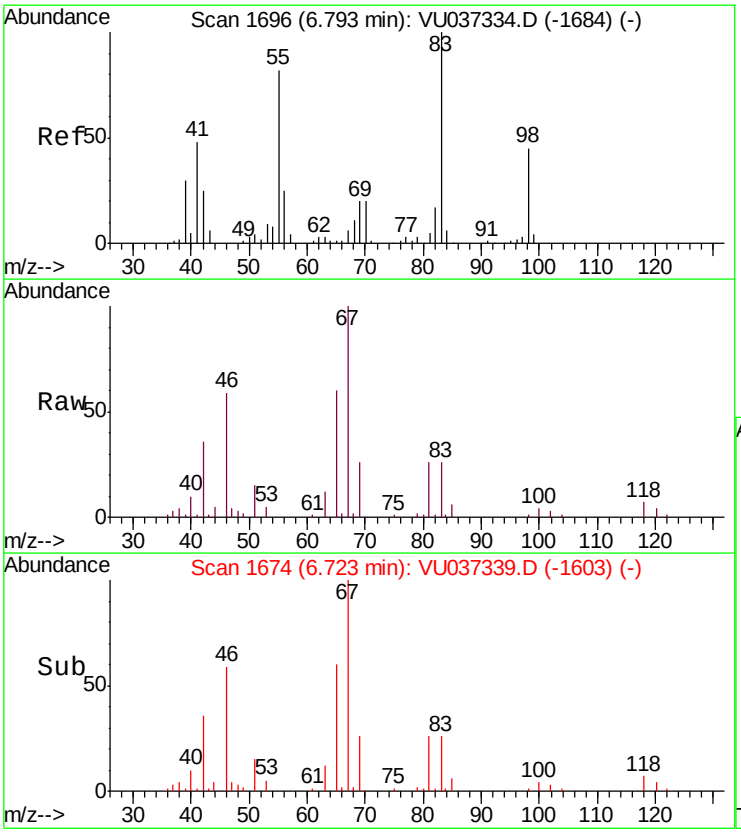
#25
Chloroform
Concen: 3.428 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 83 Resp: 69419

Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.7	82.9

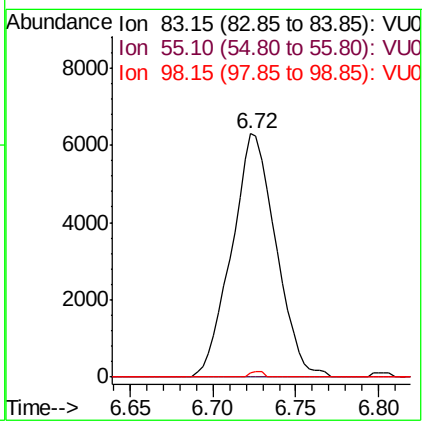


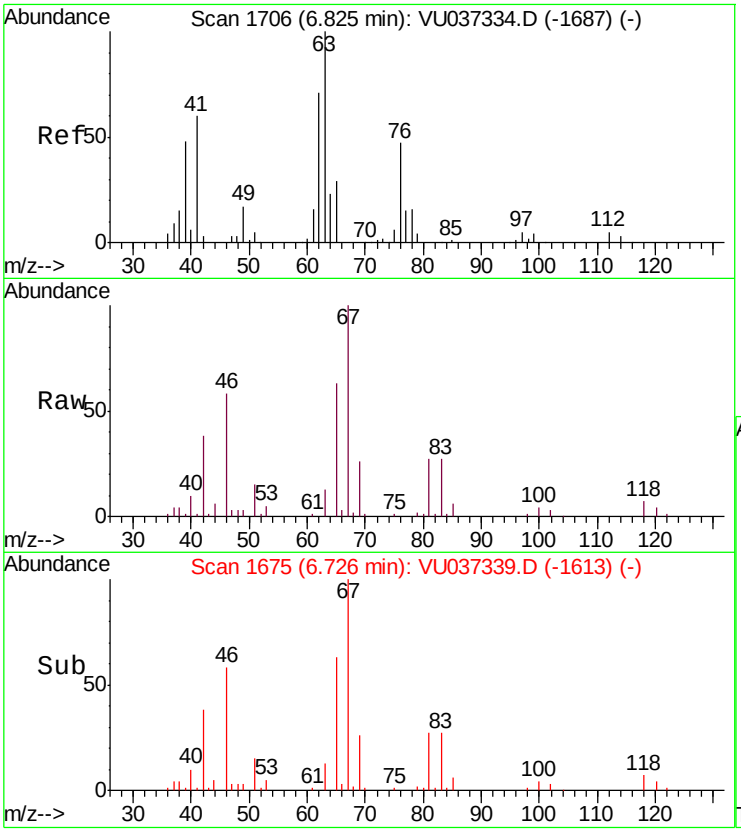


#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 83 Resp: 11666

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.6#
98	0.7	37.4	56.0#



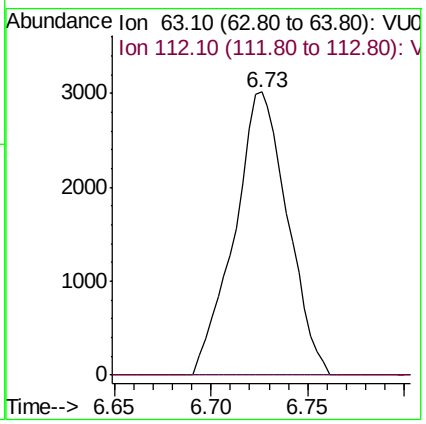


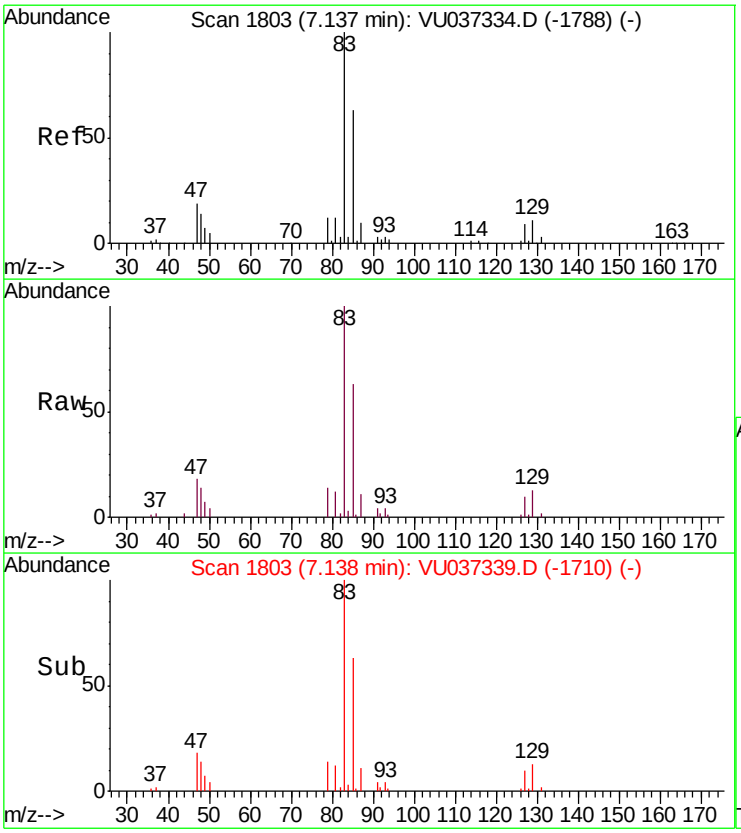
#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion: 63 Resp: 5791

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

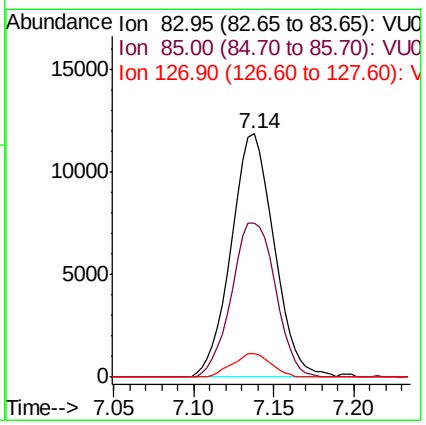


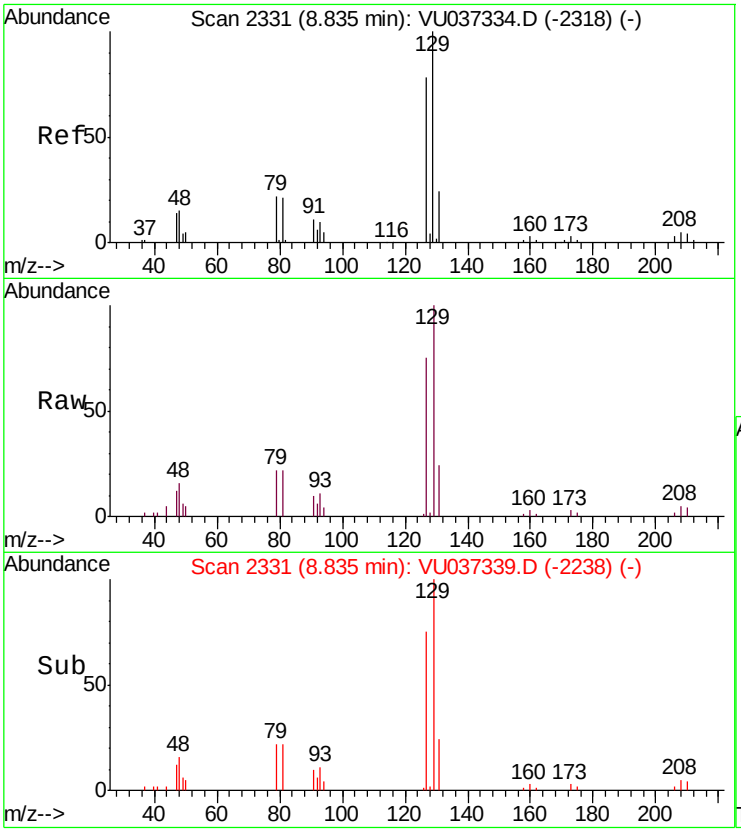


#38
Bromodichloromethane
Concen: 1.492 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 83 Resp: 21761

Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.8	85.0
127	9.7	7.0	10.6



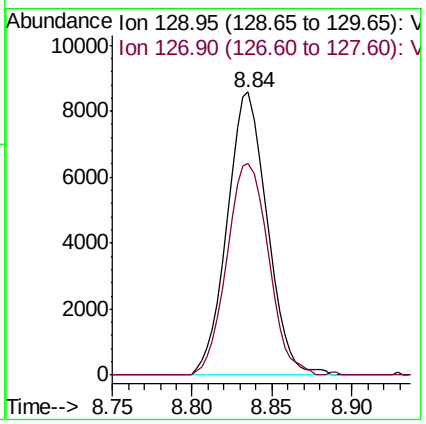


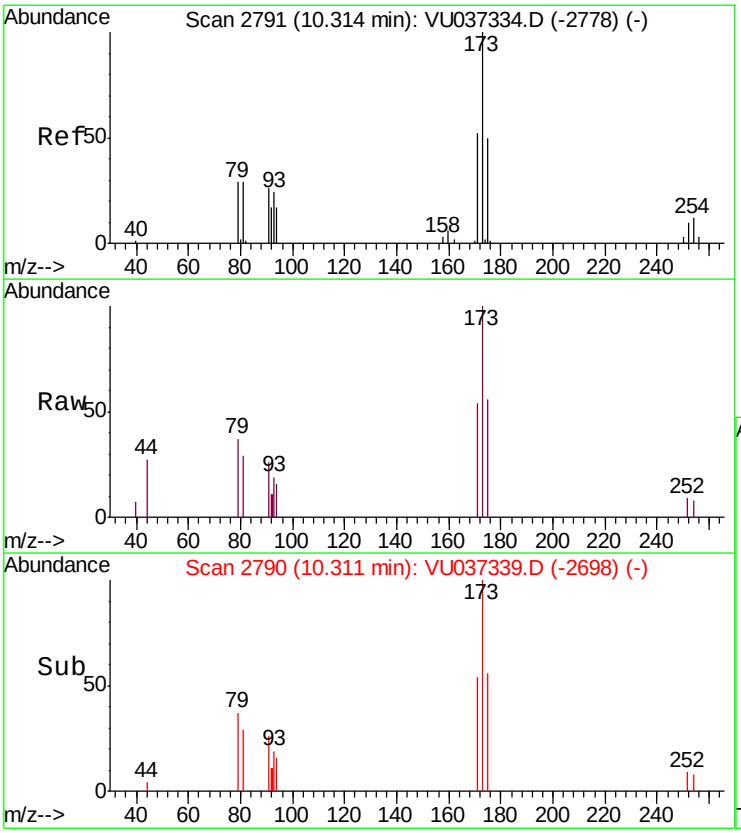
#49
Dibromochloromethane
Concen: 1.501 ug/L
RT: 8.84 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument : MSVOA_U
ClientSampleId : C0AA7

Tgt Ion:129 Resp: 14628

Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.6	99.6





#61
Bromoform
Concen: 0.491 ug/L
RT: 10.31 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion:173 Resp: 2418

Ion	Ratio	Lower	Upper
173	100		
175	50.4	38.2	57.2
254	4.7	7.8	11.8#