Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028185.D
Acq On : 16 Nov 2018 15:49
Operator : MD/SY
Sample : J5960-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:02:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166157	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69783	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	48747	3.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.80%			
7) Chloroethane-d5	1.68	69	43946	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.28	63	71427	2.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.40%#			
20) 2-Butanone-d5	4.19	46	221020	55.27	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.54%			
24) Chloroform-d	4.65	84	97301	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.31	65	58633	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.34	84	190026	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.33	67	72885	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.57	98	161815	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloropropene-	7.85	79	20425	3.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.20%			
46) 2-Hexanone-d5	8.31	63	158115	48.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54110	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57493	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	579	0.053	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	599	0.054	ug/L #	1
13) Acetone	2.32	43	39355	14.612	ug/L	95
30) Cyclohexane	4.99	56	18132	0.739	ug/L	95
35) Methylcyclohexane	6.33	83	15428	0.697	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7575	0.526	ug/L #	92
38) Bromodichloromethane	6.78	83	2505	0.163	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	1524	0.078	ug/L	88
48) 2-Hexanone	8.37	43	4964	0.703	ug/L #	84
49) Dibromochloromethane	8.23	129	426	0.046	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10145	1.254	ug/L	93

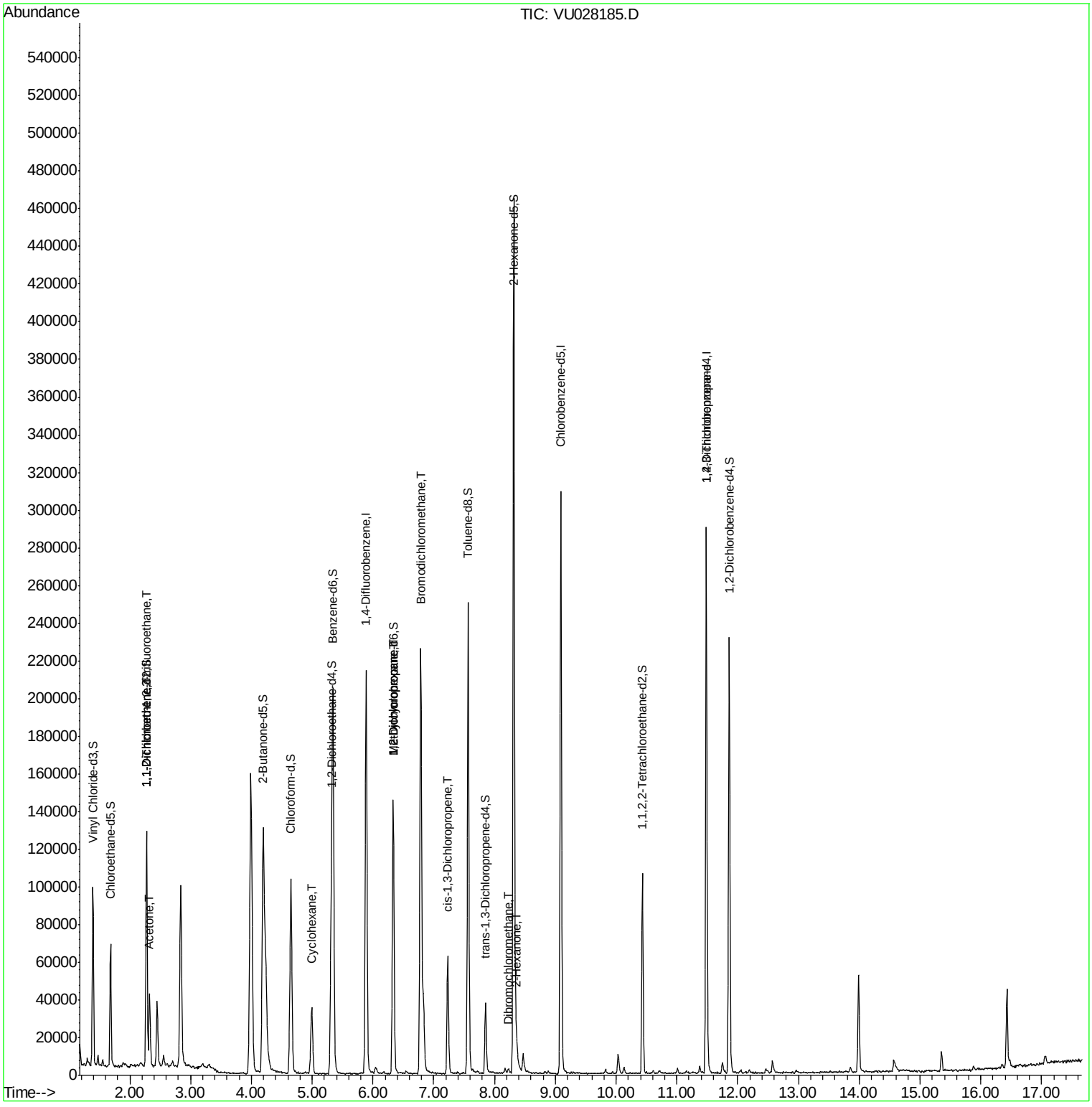
(#) = qualifier out of range (m) = manual integration (+) = signals summed

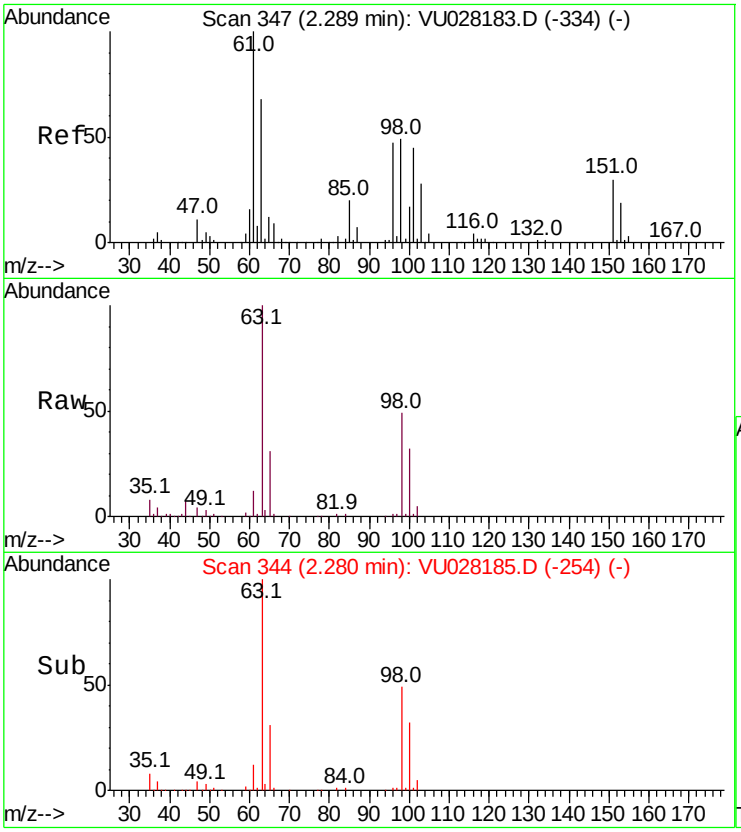
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028185.D
Acq On : 16 Nov 2018 15:49
Operator : MD/SY
Sample : J5960-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:02:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration



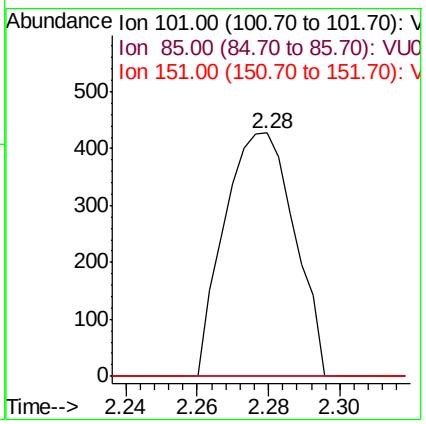


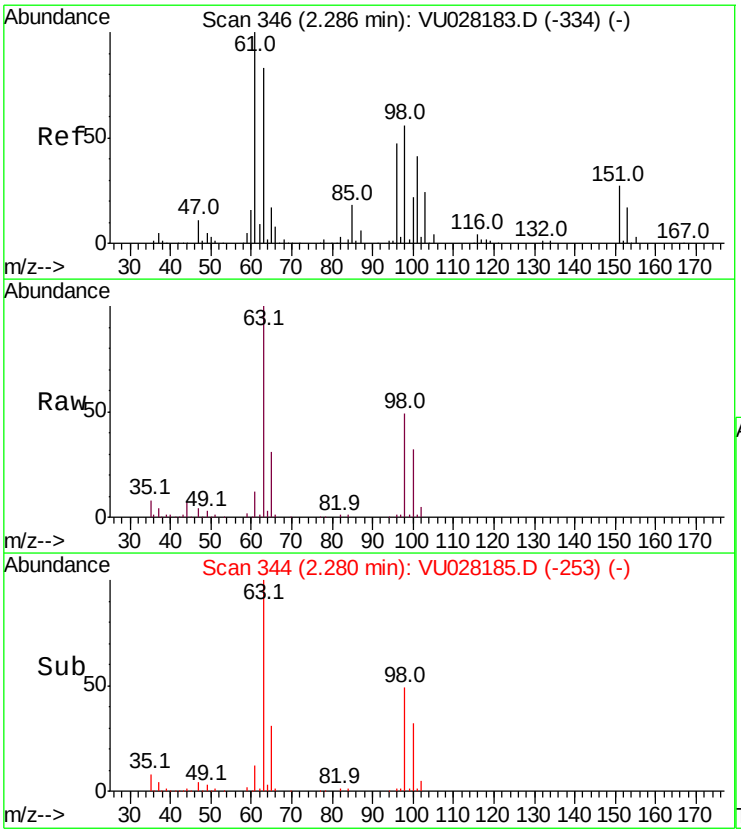
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 579

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.6	56.4#
151	0.0	58.2	87.2#

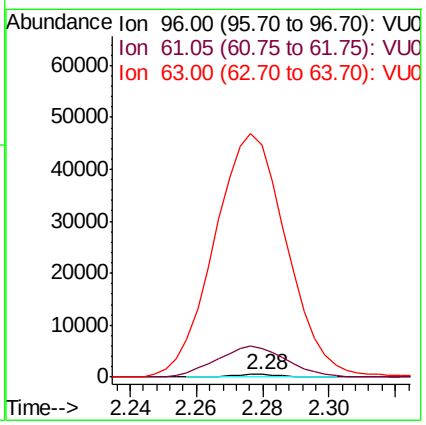


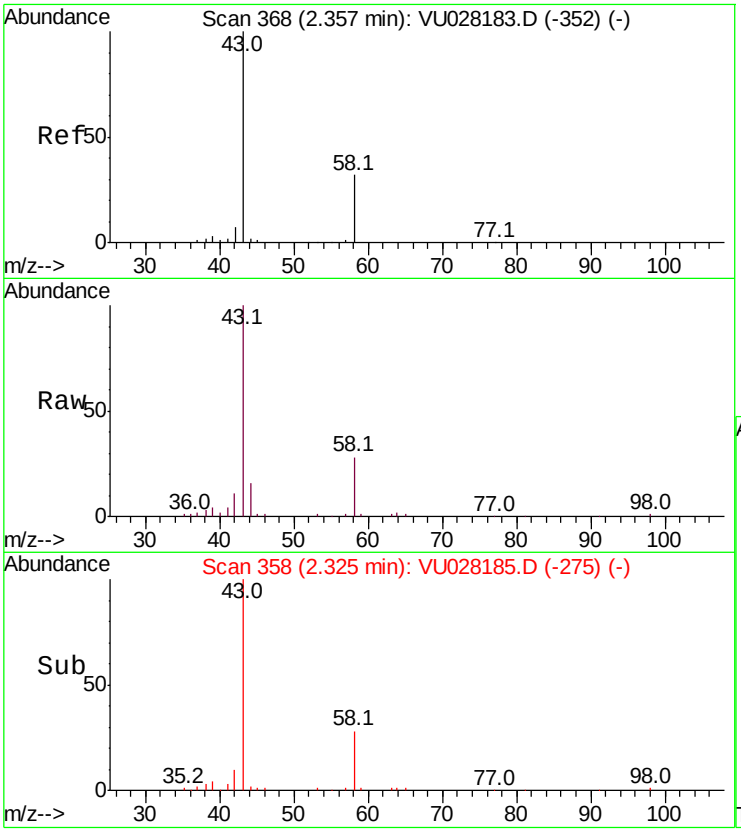


#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Tgt Ion: 96 Resp: 599

Ion	Ratio	Lower	Upper
96	100		
61	1054.9	134.8	250.3#
63	8445.5	100.1	185.9#



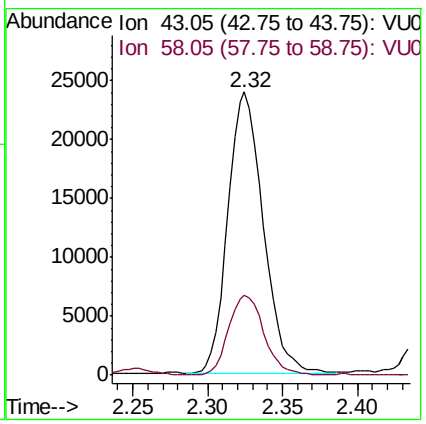


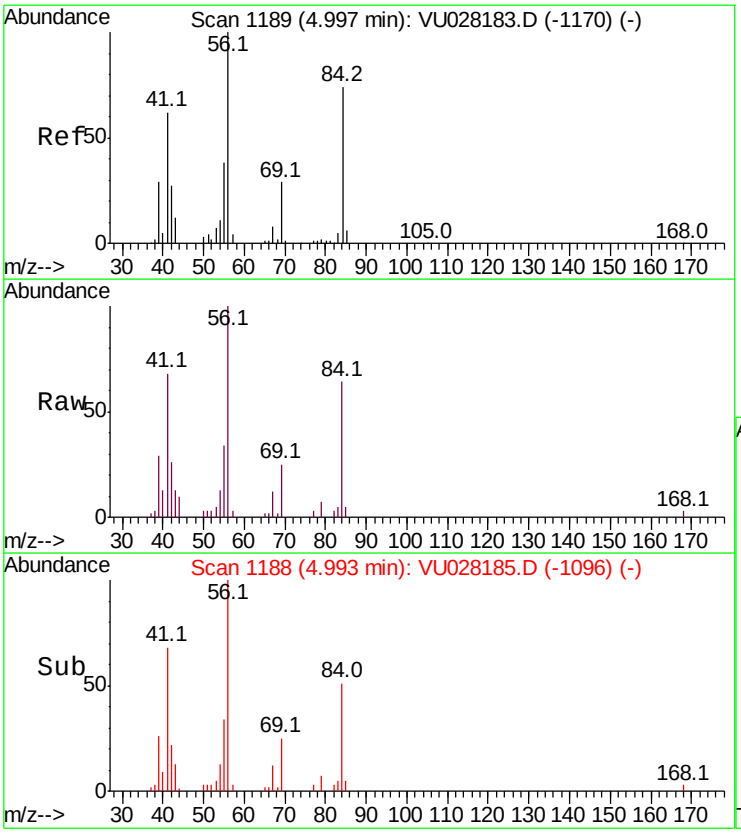
#13
Acetone
Concen: 14.612 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.03 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 39355

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	61.6

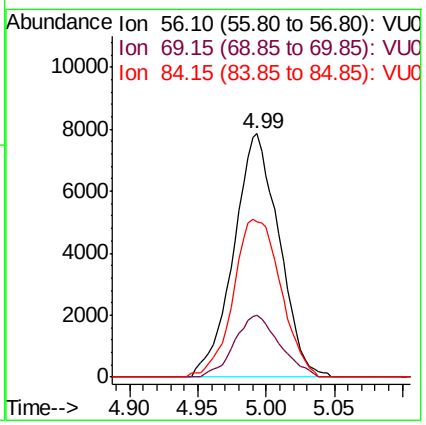


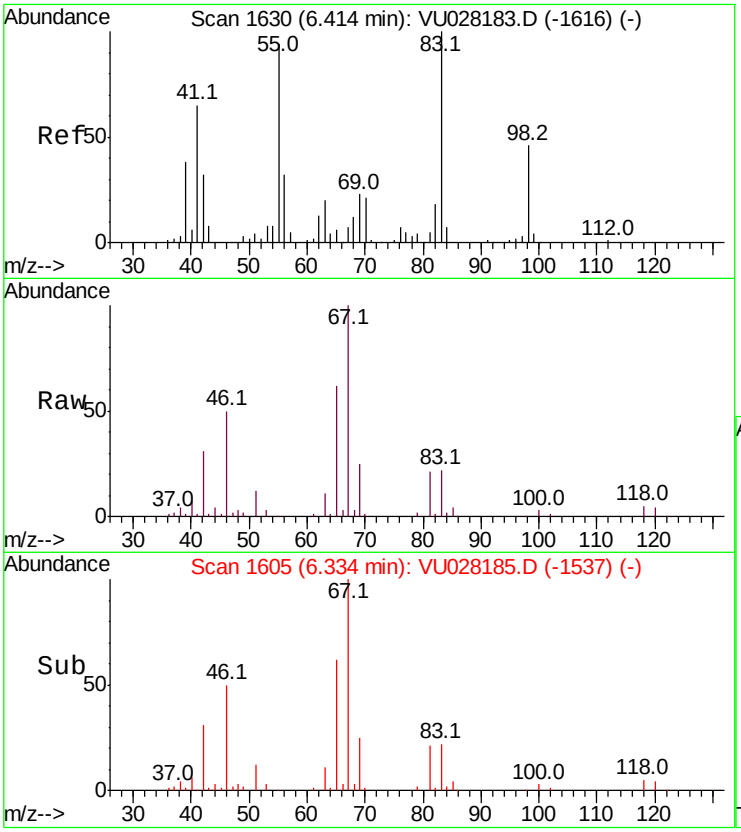


#30
Cyclohexane
Concen: 0.739 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Tgt Ion: 56 Resp: 18132

Ion	Ratio	Lower	Upper
56	100		
69	25.4	22.6	33.8
84	67.9	57.7	86.5



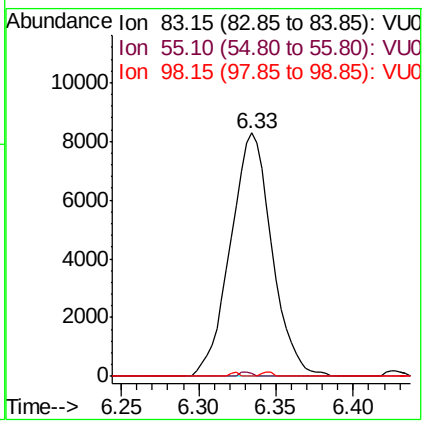


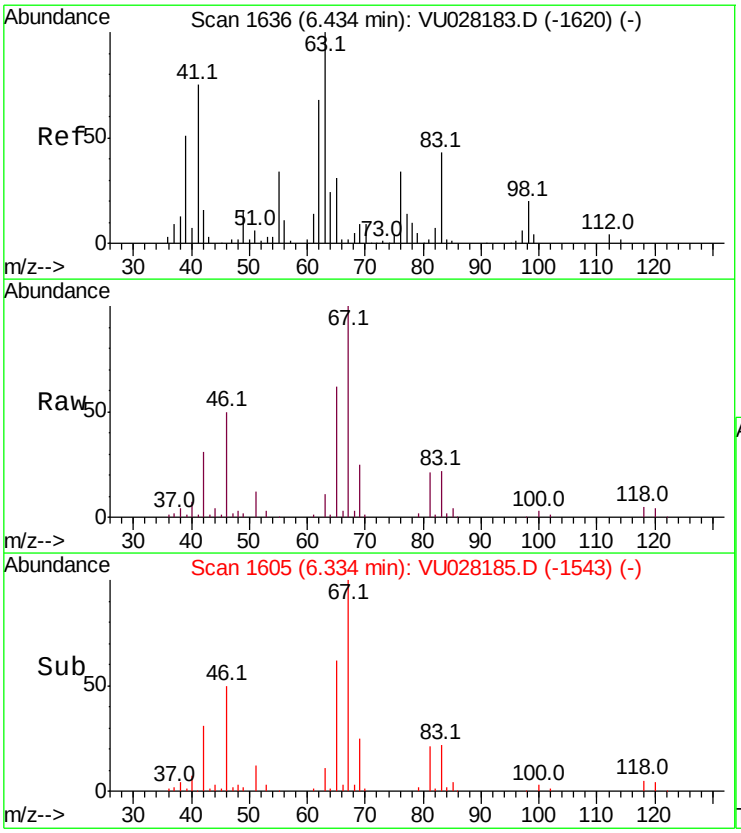
#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 15428

Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.0	103.4#
98	0.3	33.3	49.9#

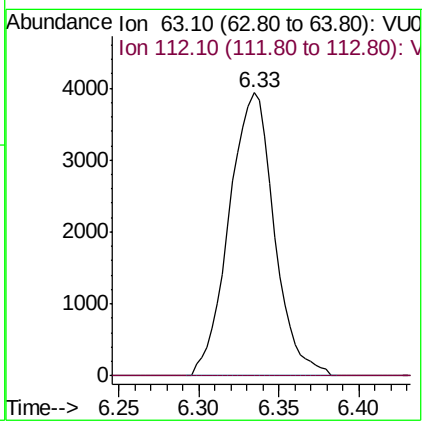


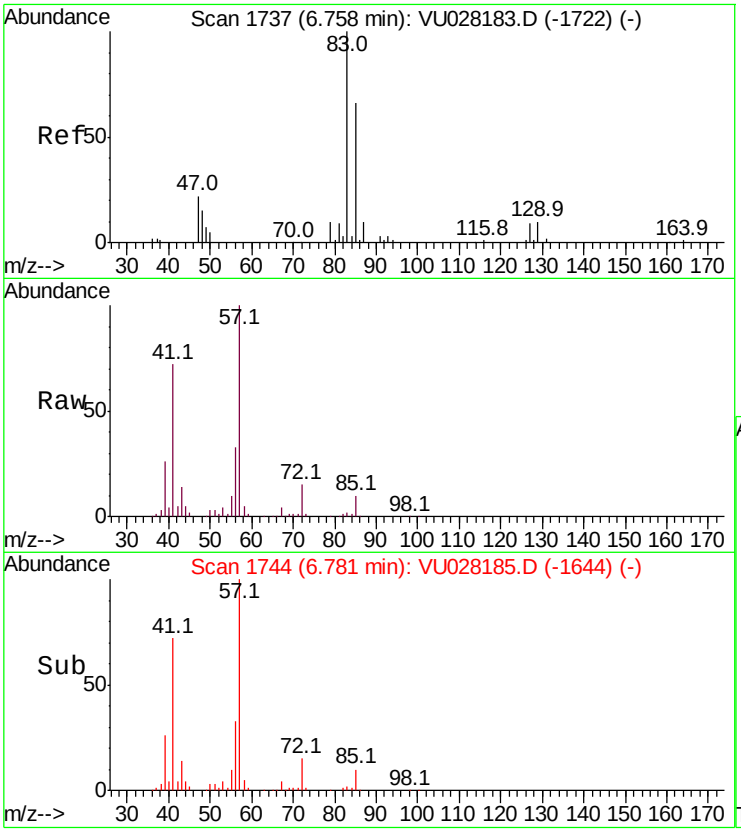


#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Tgt Ion: 63 Resp: 7575

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



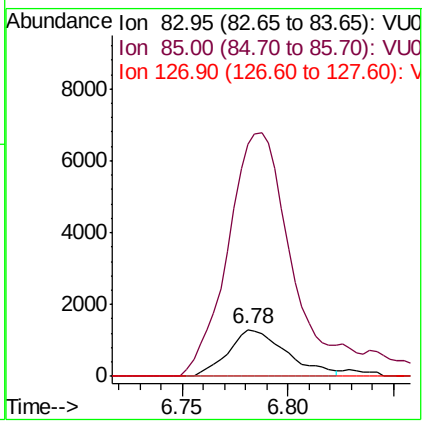


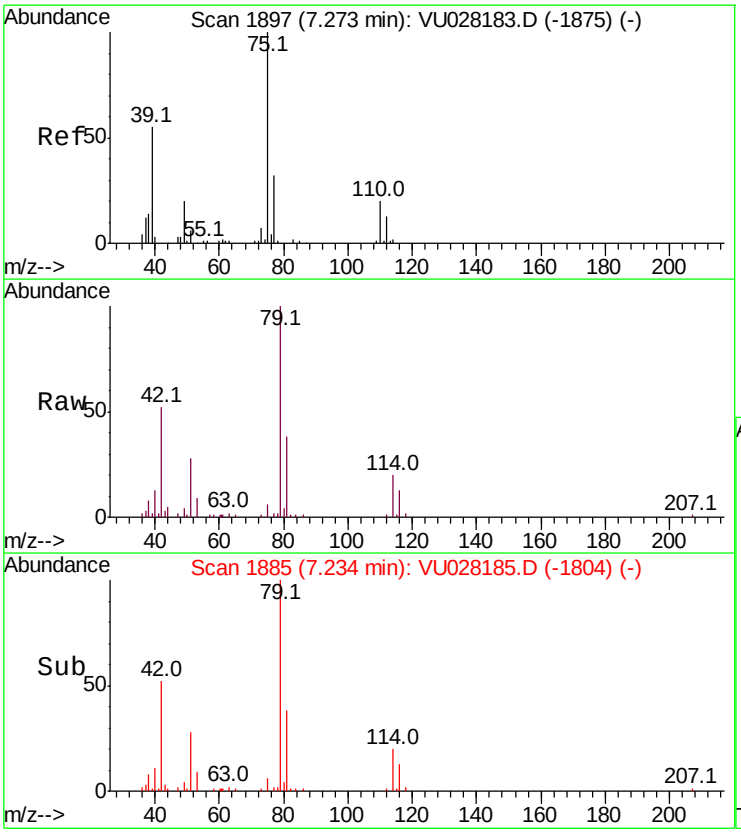
#38
Bromodichloromethane
Concen: 0.163 ug/L
RT: 6.78 min Scan# 1744
Delta R.T. 0.02 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2505

Ion	Ratio	Lower	Upper
83	100		
85	492.9	44.5	82.7#
127	0.0	6.8	10.2#

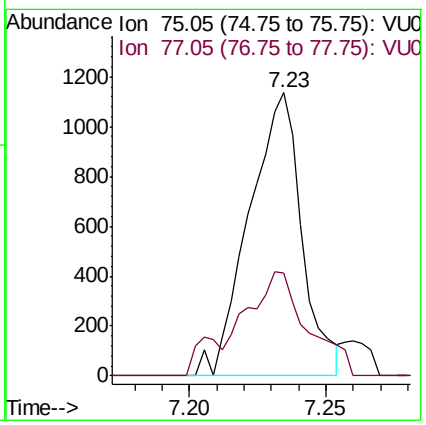


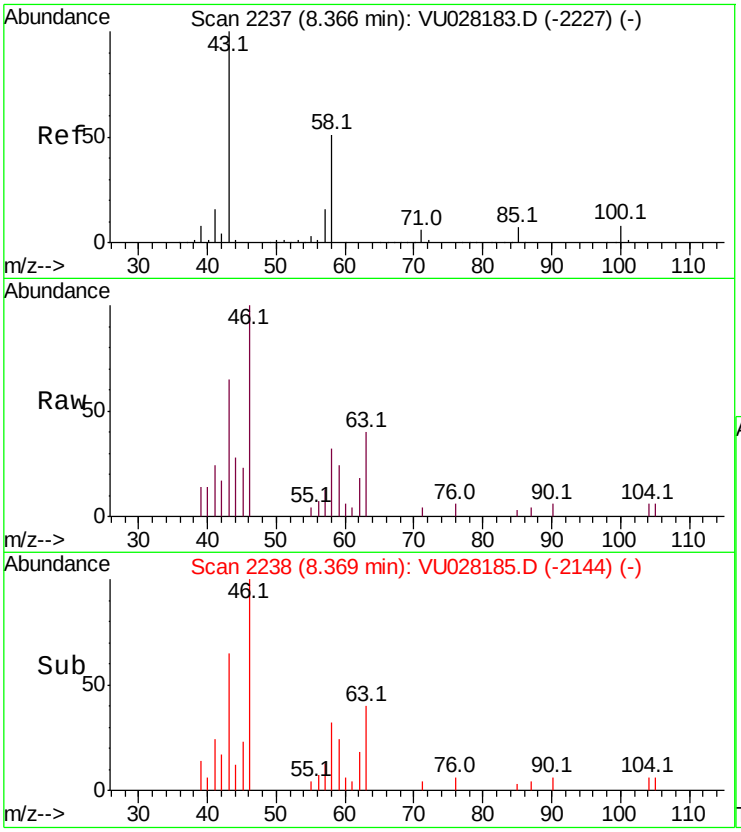


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Tgt Ion: 75 Resp: 1524

Ion	Ratio	Lower	Upper
75	100		
77	36.4	20.9	38.9



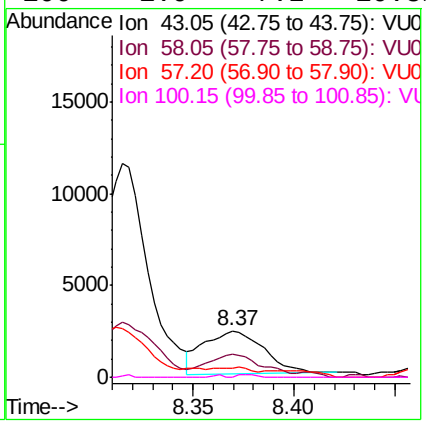


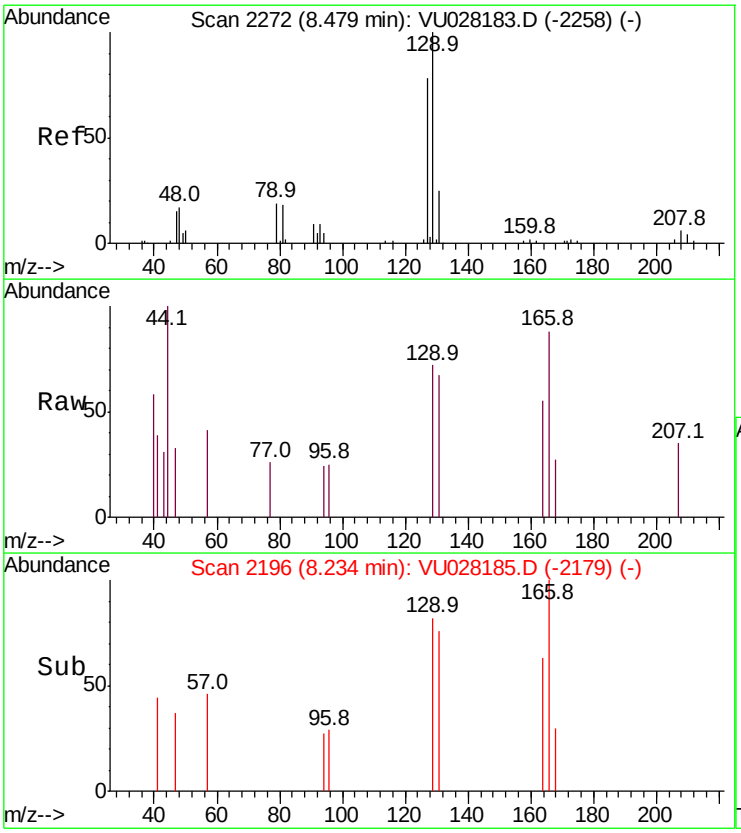
#48
2-Hexanone
Concen: 0.703 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4964

Ion	Ratio	Lower	Upper
43	100		
58	47.3	41.7	62.5
57	0.0	14.0	21.0#
100	1.9	7.2	10.8#

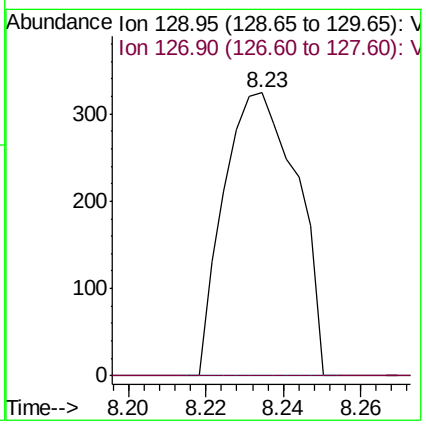


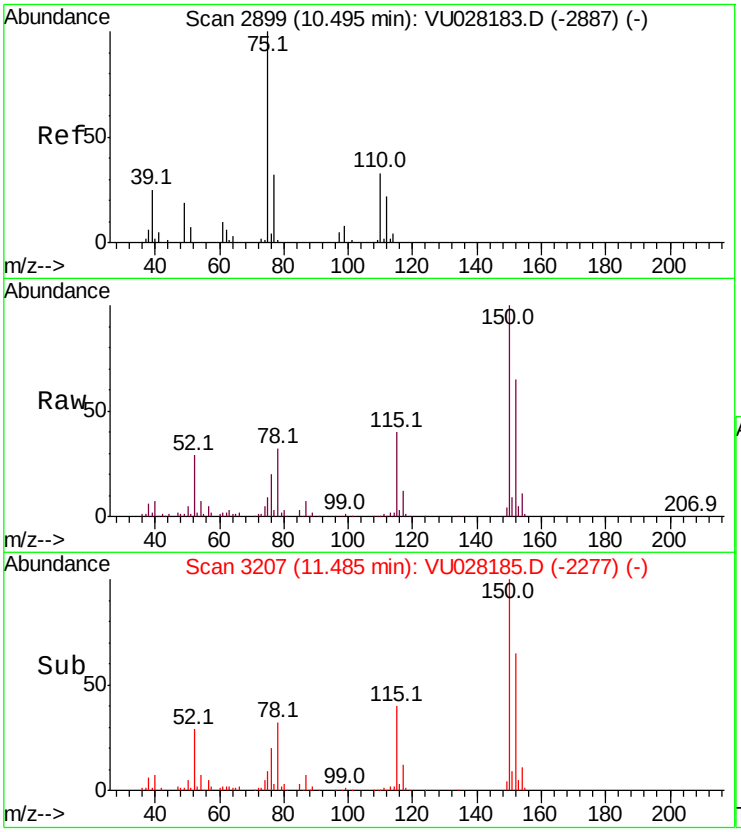


#49
Dibromochloromethane
Concen: 0.046 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Tgt Ion:129 Resp: 426

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028185.D
Acq: 16 Nov 2018 15:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10145

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.0