Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028127.D
Acq On : 14 Nov 2018 17:48
Operator : MD/SY
Sample : J5948-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9C25

Quant Time: Nov 15 04:29:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63962	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55875	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.68	69	45575	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.28	63	78017	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	4.19	46	182931	50.82	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.64%			
24) Chloroform-d	4.65	84	92952	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.31	65	52584	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.34	84	191101	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.33	67	69315	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.57	98	171785	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.85	79	22373	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.31	63	144025	49.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49093	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	59257	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
8) Chloroethane	1.77	64	776	0.080	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	667	0.068	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	620	0.062	ug/L #	1
13) Acetone	2.32	43	2148	0.886	ug/L	91
25) Chloroform	4.68	83	4574	0.229	ug/L	96
35) Methylcyclohexane	6.33	83	14527	0.726	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	7460	0.572	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1329	0.075	ug/L #	63
47) Tetrachloroethene	8.23	164	2848	0.301	ug/L	88
48) 2-Hexanone	8.37	43	1692	0.265	ug/L #	87
49) Dibromochloromethane	8.23	129	2976	0.355	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8896	1.215	ug/L	97

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

Quantitation Report (Not Reviewed)

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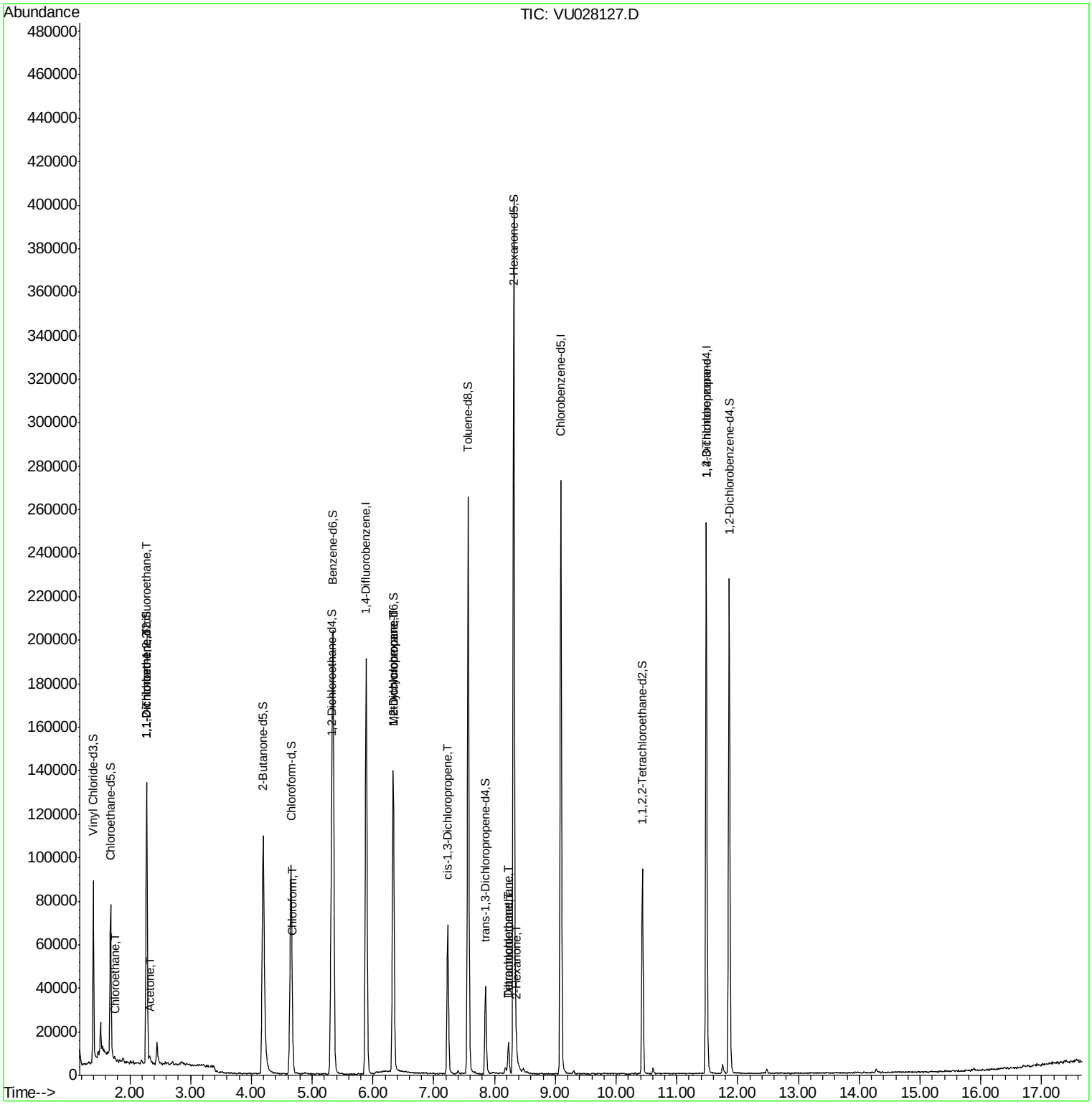
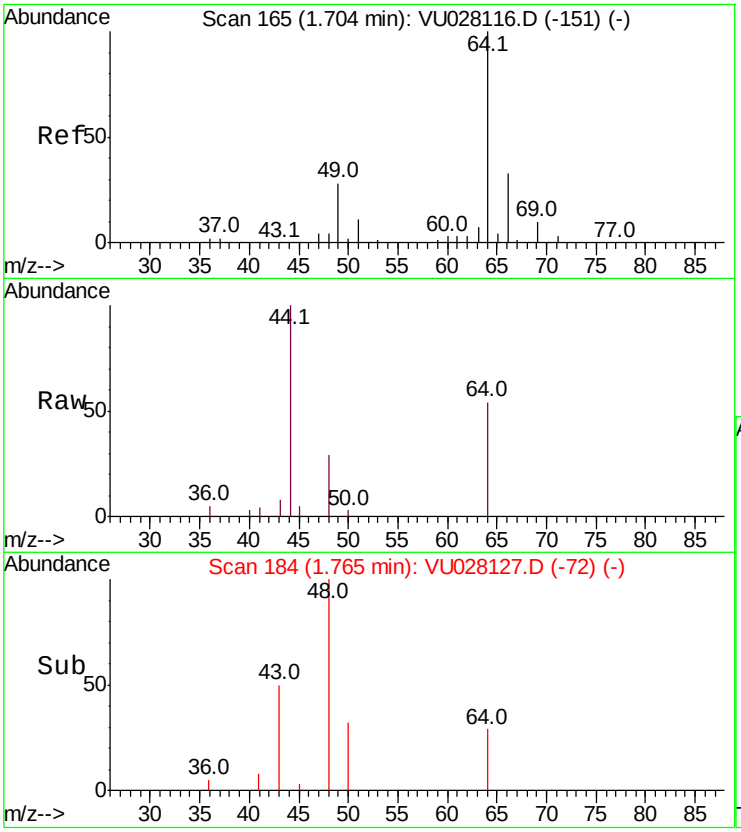
Operator : MD/SY
Sample : J5948-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9C25

Quant Time: Nov 15 04:29:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration



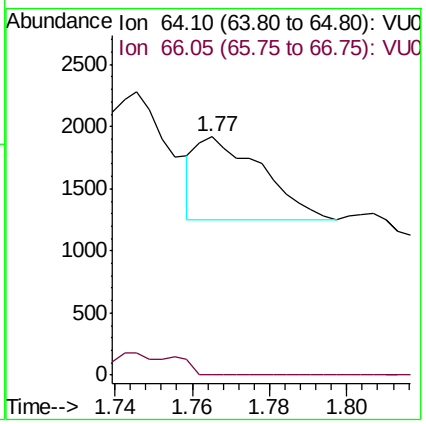


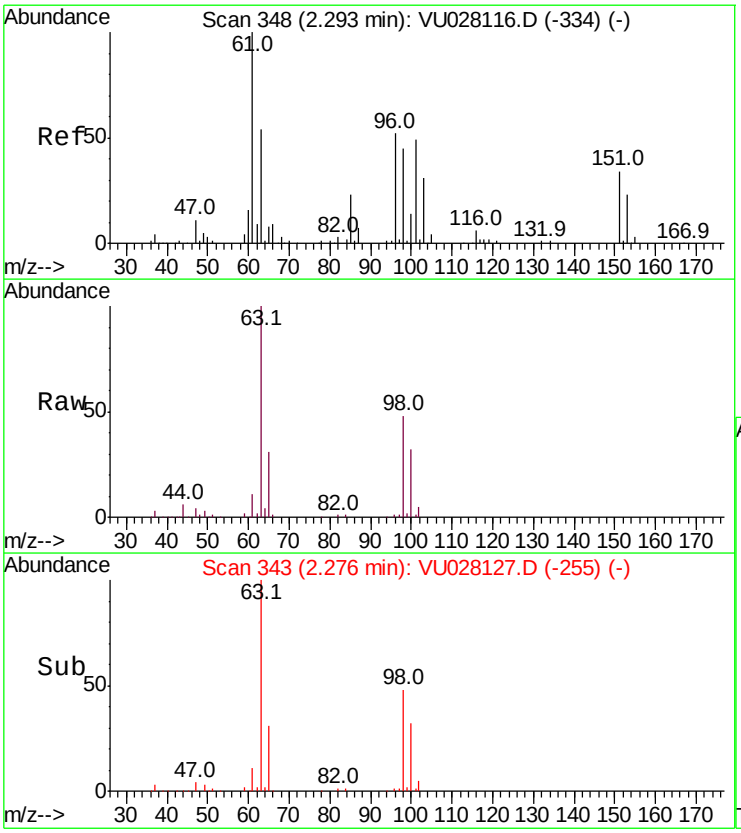
#8
Chloroethane
Concen: 0.080 ug/L
RT: 1.77 min Scan# 184
Delta R.T. 0.06 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :
F9C25

Tgt Ion: 64 Resp: 776

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.1	42.9#

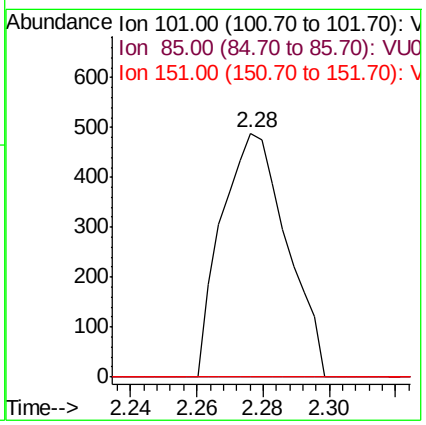


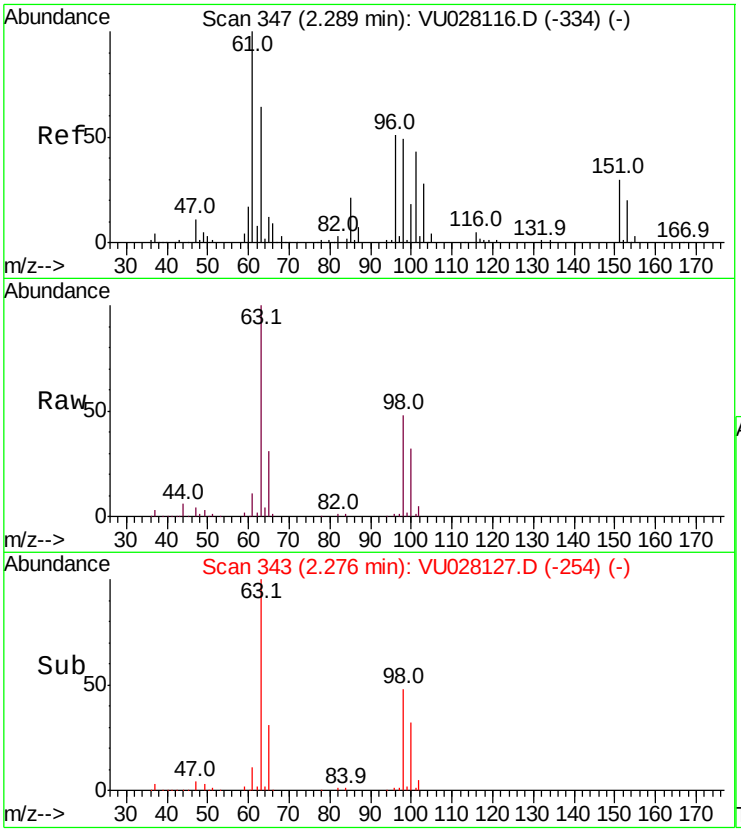


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion:101 Resp: 667

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



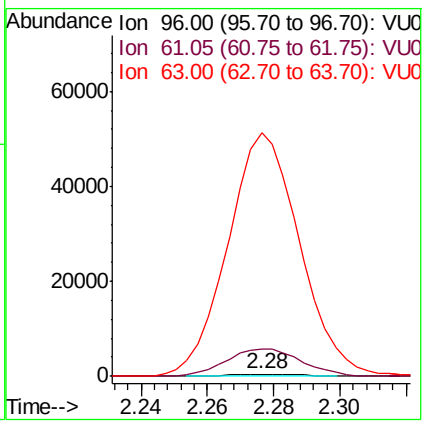


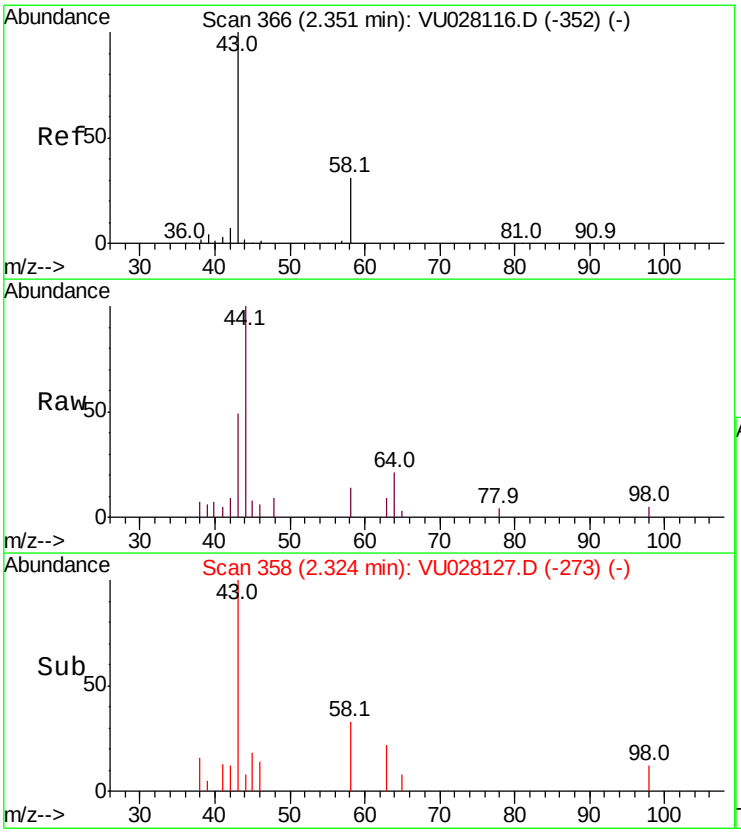
#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument : MSVOA_U
ClientSampleId : F9C25

Tgt Ion: 96 Resp: 620

Ion	Ratio	Lower	Upper
96	100		
61	1365.8	134.8	250.3#
63	11925.6	100.1	185.9#

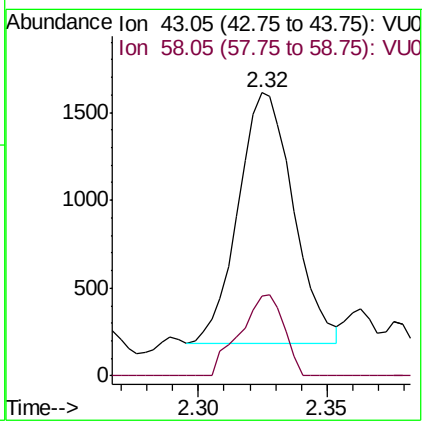


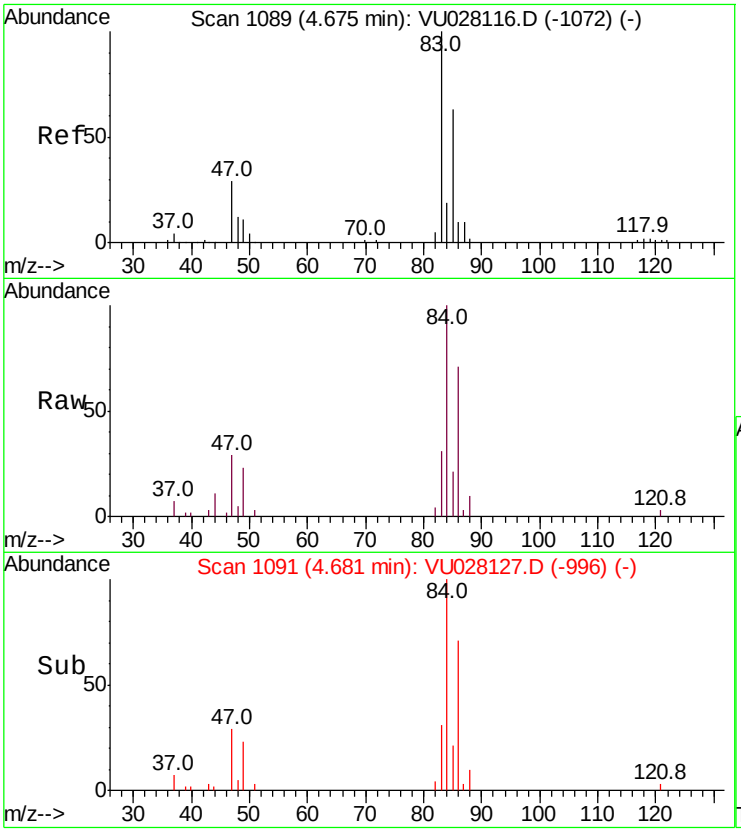


#13
Acetone
Concen: 0.886 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.03 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion: 43 Resp: 2148

Ion	Ratio	Lower	Upper
43	100		
58	25.7	0.0	61.6



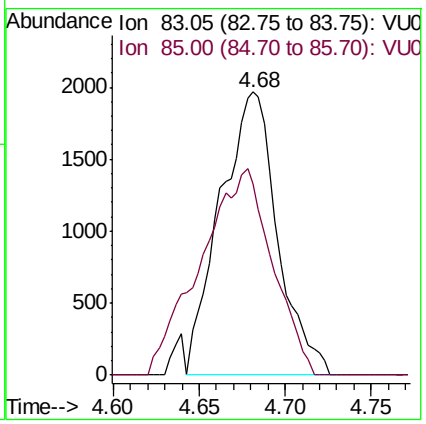


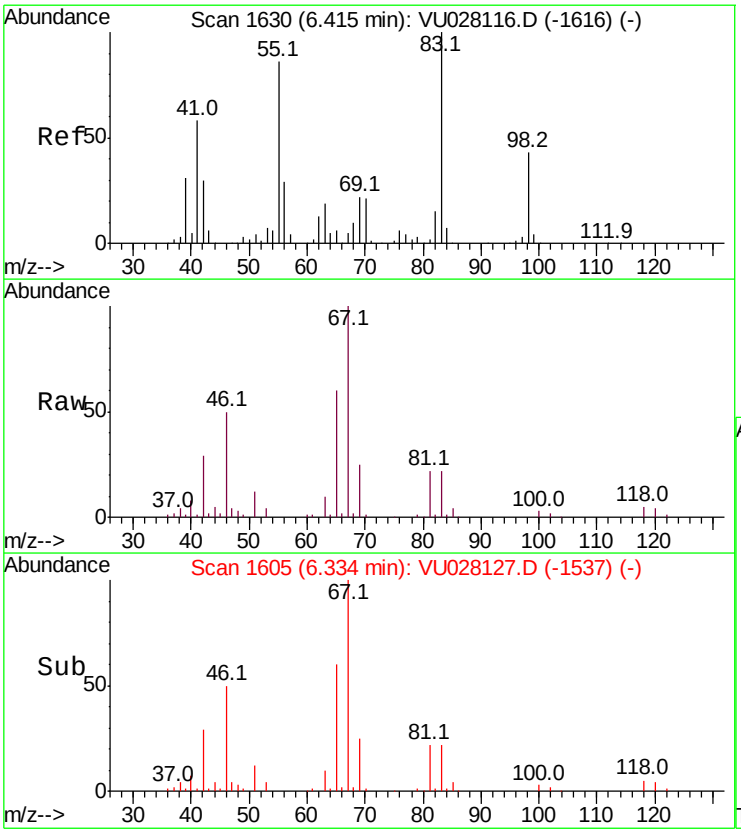
#25
Chloroform
Concen: 0.229 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument : MSVOA_U
ClientSampleId : F9C25

Tgt Ion: 83 Resp: 4574

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.0	83.6

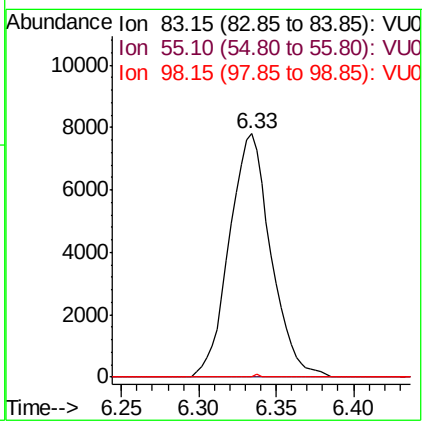


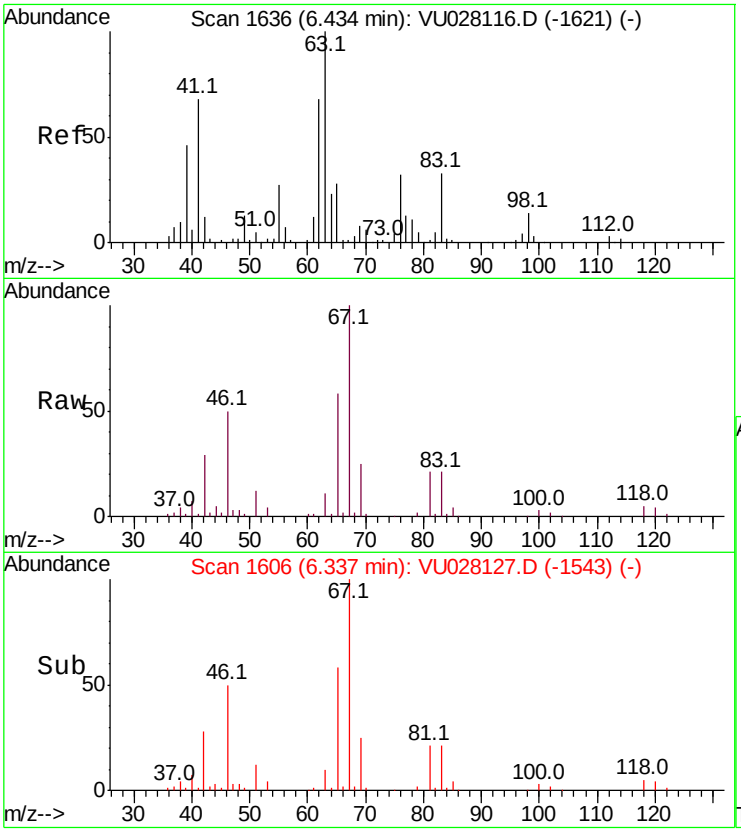


#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion: 83 Resp: 14527

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.1	33.3	49.9#



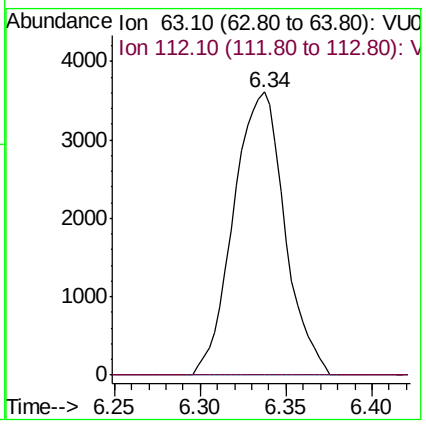


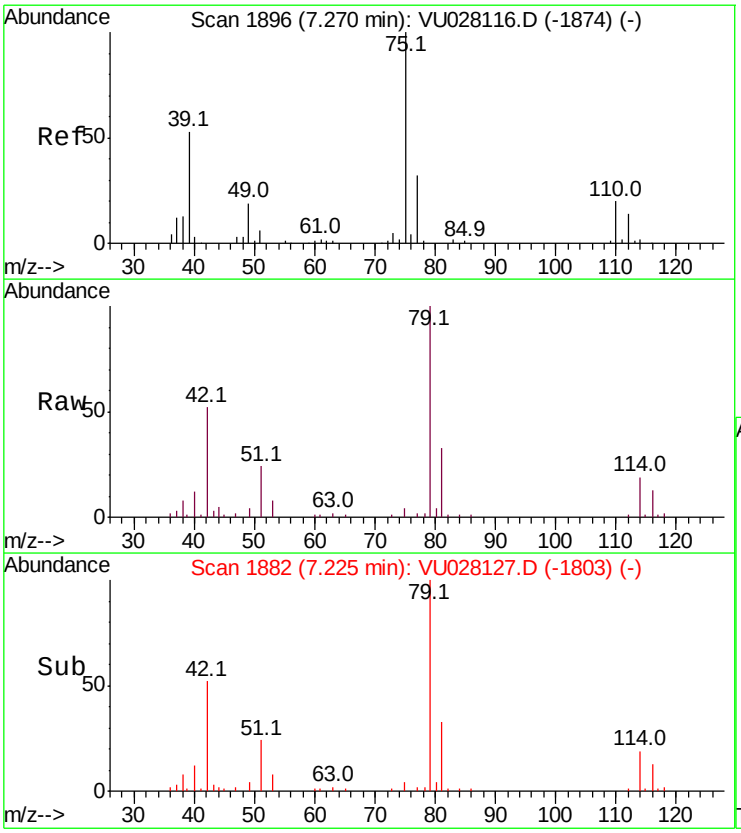
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :
F9C25

Tgt Ion: 63 Resp: 7460

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

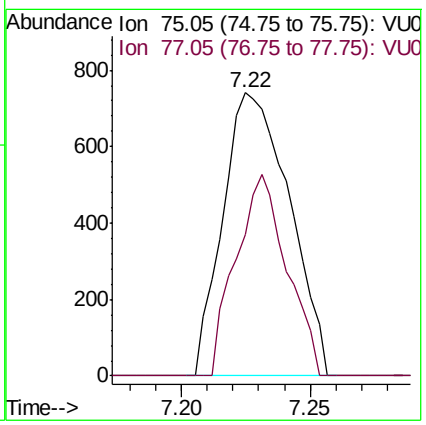


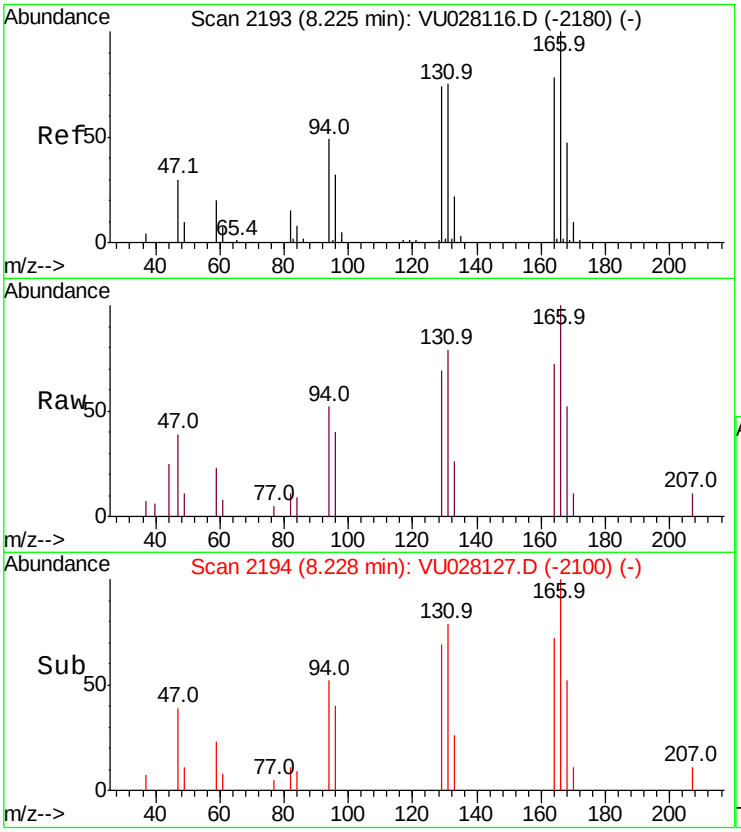


#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.05 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion: 75 Resp: 1329

Ion	Ratio	Lower	Upper
75	100		
77	50.1	20.9	38.9#



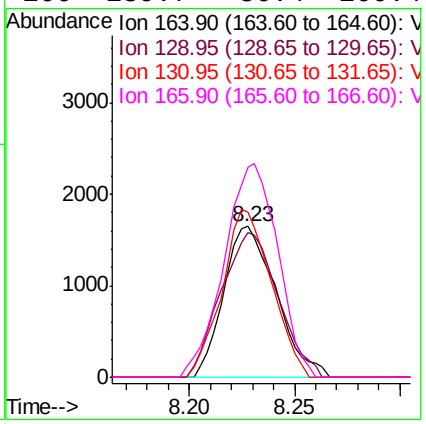


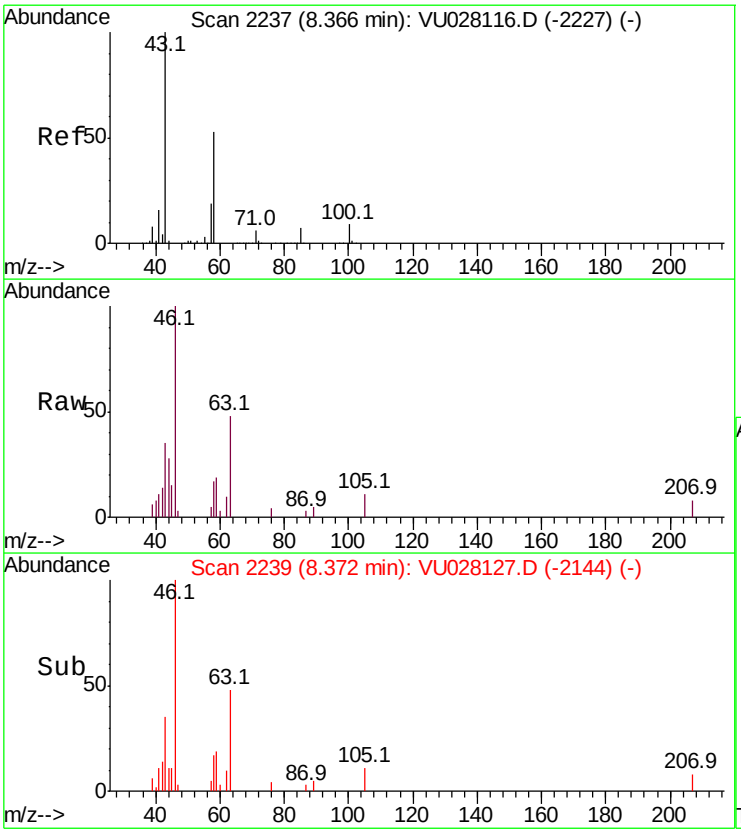
#47
Tetrachloroethene
Concen: 0.301 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument : MSVOA_U
ClientSampleId : F9C25

Tgt Ion:164 Resp: 2848

Ion	Ratio	Lower	Upper
164	100		
129	96.1	69.7	129.4
131	110.0	64.0	118.8
166	139.7	86.4	160.4

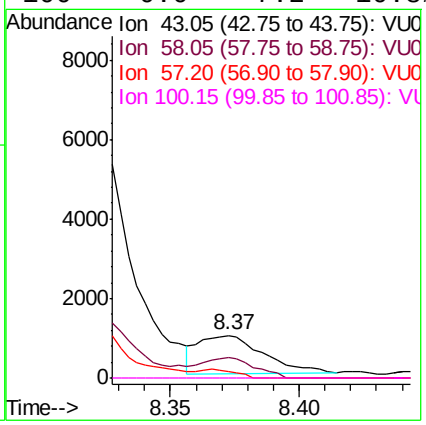


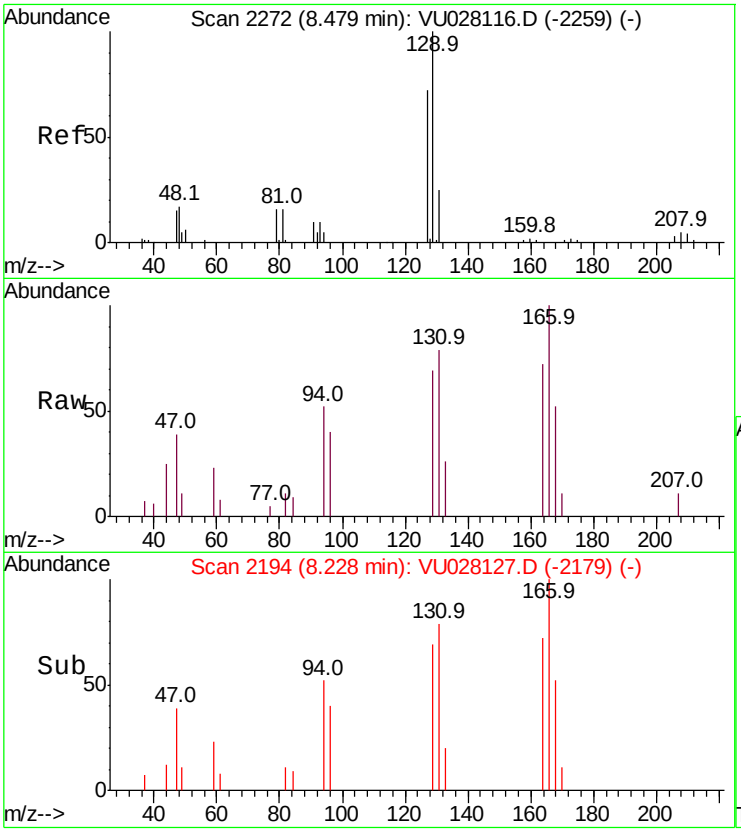


#48
2-Hexanone
Concen: 0.265 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion: 43 Resp: 1692

Ion	Ratio	Lower	Upper
43	100		
58	43.2	41.7	62.5
57	13.4	14.0	21.0#
100	0.0	7.2	10.8#



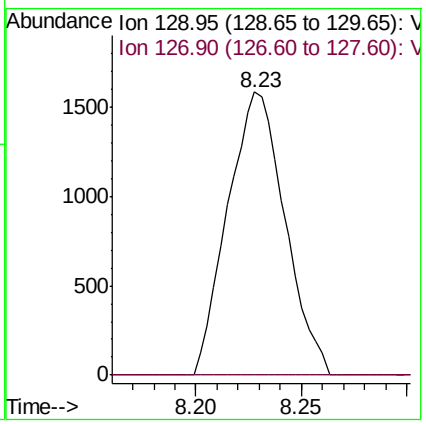


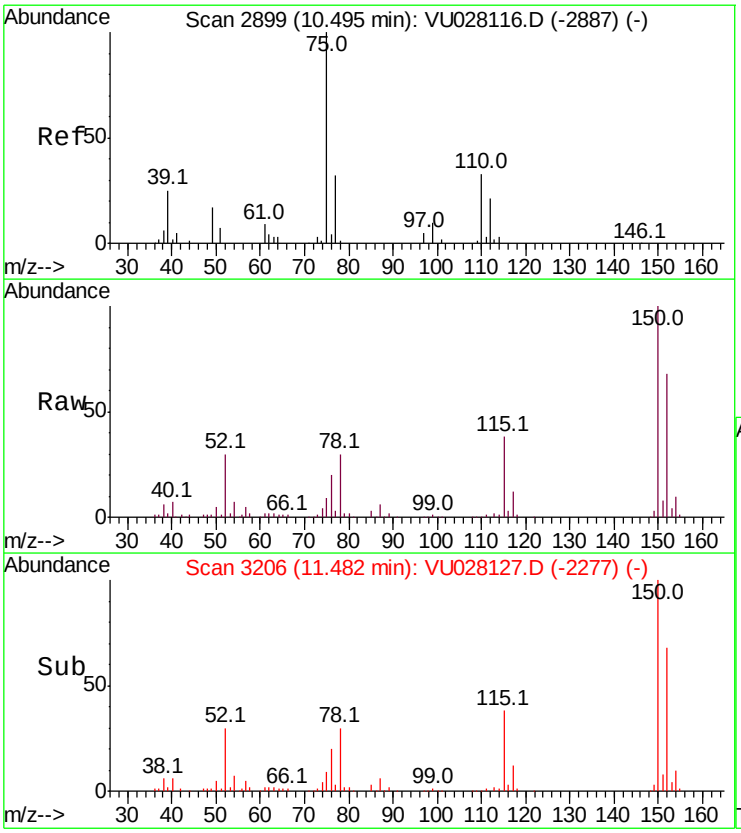
#49
Dibromochloromethane
Concen: 0.355 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :
F9C25

Tgt Ion:129 Resp: 2976

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028127.D
Acq: 14 Nov 2018 17:48

Tgt Ion: 75 Resp: 8896

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.0