Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028176.D
Acq On : 15 Nov 2018 17:02
Operator : MD/SY
Sample : J5946-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9C02

Quant Time: Nov 16 00:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	70532	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52980	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.68	69	46827	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.28	63	78366	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	4.19	46	212859	53.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.78%			
24) Chloroform-d	4.65	84	102147	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.31	65	60300	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.34	84	203800	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.33	67	75490	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.57	98	175497	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	7.85	79	22015	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	8.31	63	159859	48.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.38%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57602	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	62866	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
8) Chloroethane	1.67	64	47579	4.496	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	581	0.054	ug/L #	20
13) Acetone	2.33	43	2868	1.078	ug/L	93
25) Chloroform	4.67	83	1145	0.052	ug/L	98
35) Methylcyclohexane	6.33	83	16112	0.717	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	8099	0.554	ug/L #	92
39) cis-1,3-Dichloropropene	7.24	75	1700	0.086	ug/L #	79
49) Dibromochloromethane	8.22	129	680	0.072	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10301	1.254	ug/L	96

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

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Quant Title : TRACE VOA SOM01.0
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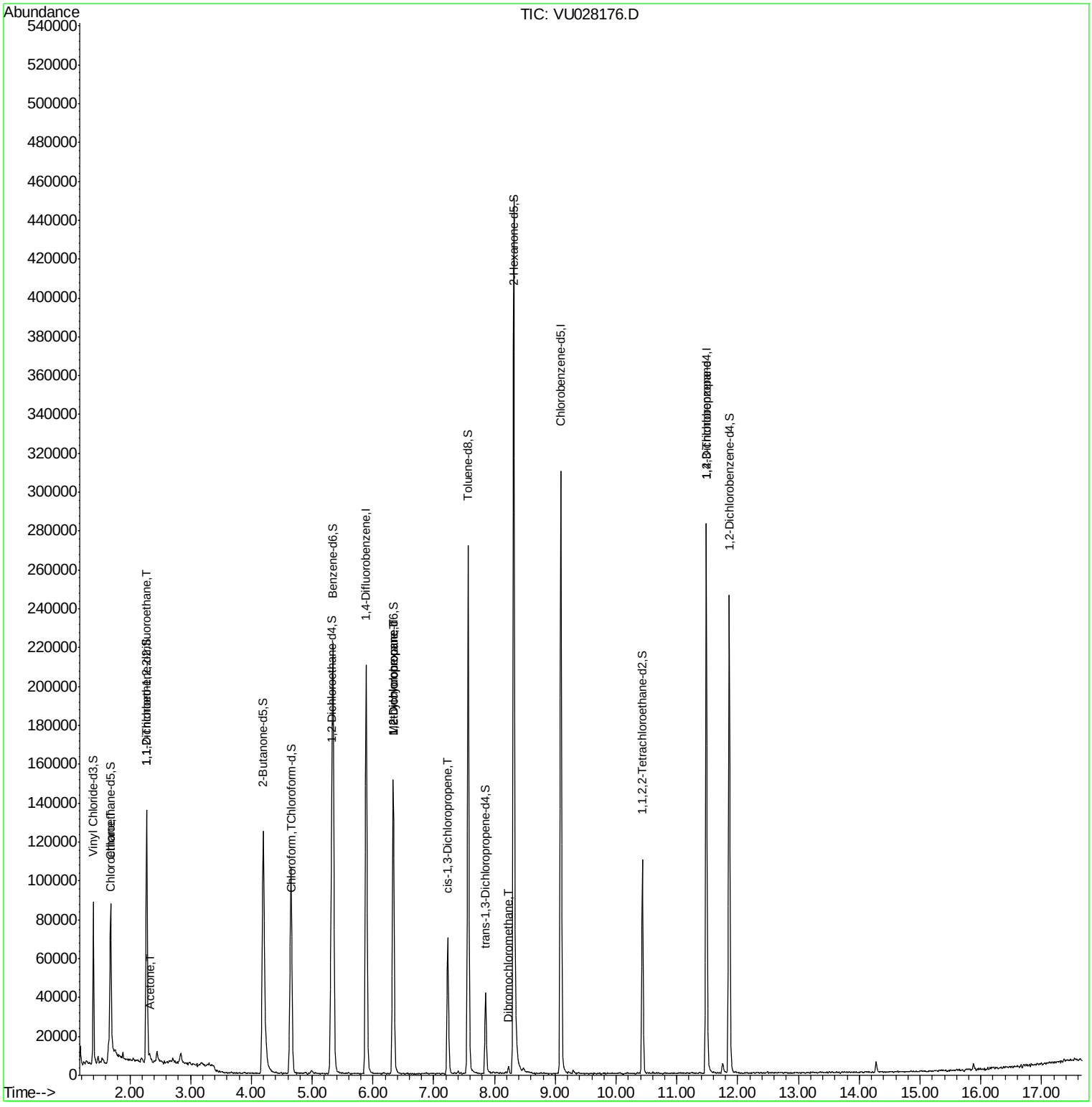
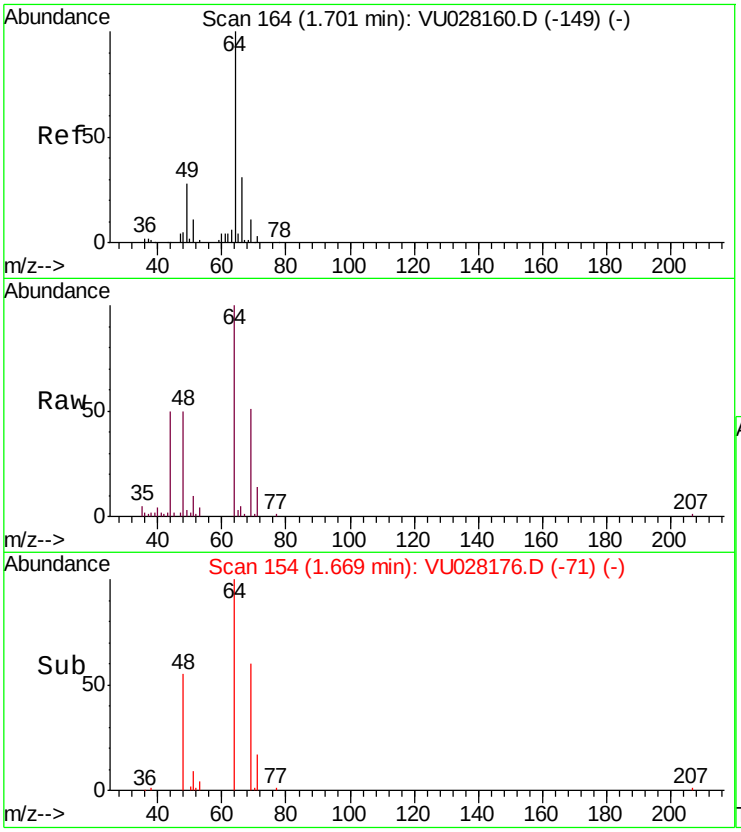


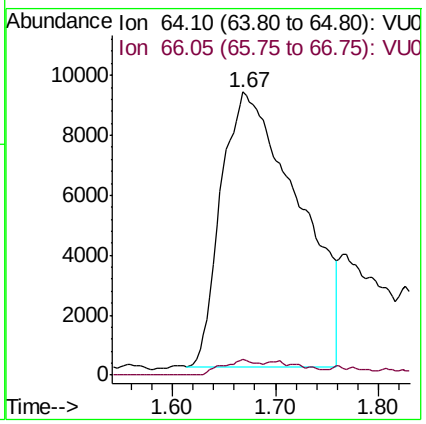


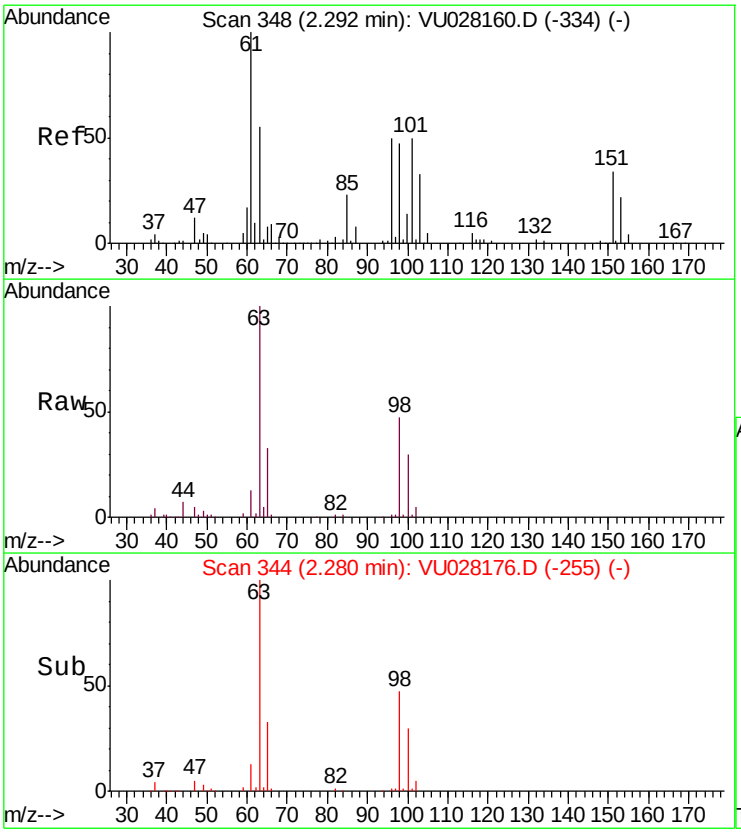
#8
Chloroethane
Concen: 4.496 ug/L
RT: 1.67 min Scan# 154
Delta R.T. -0.03 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Instrument :
MSVOA_U
ClientSampleId :
F9C02

Tgt Ion: 64 Resp: 47579

Ion	Ratio	Lower	Upper
64	100		
66	5.5	23.1	42.9#

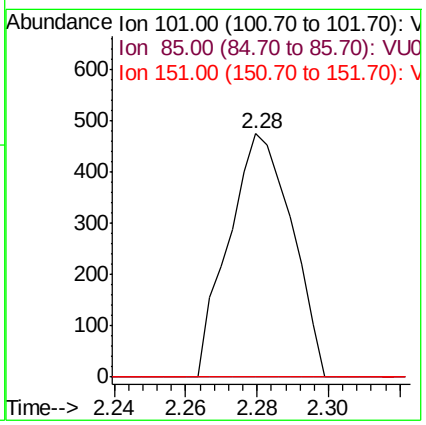


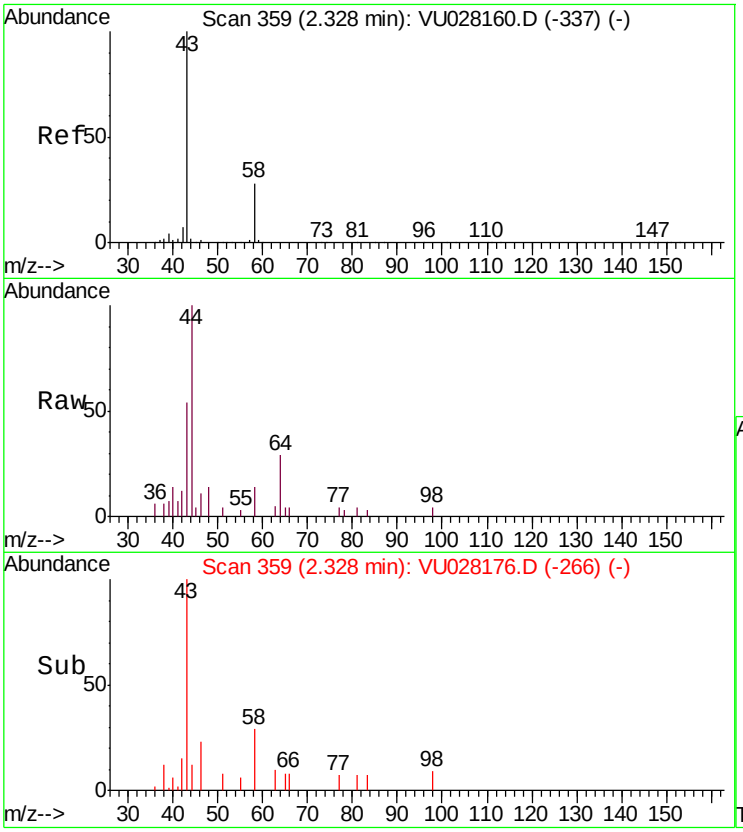


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Tgt Ion:101 Resp: 581

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



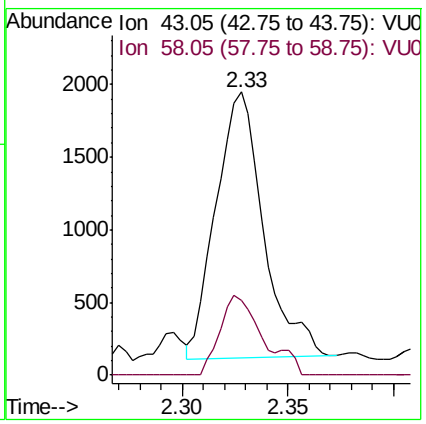


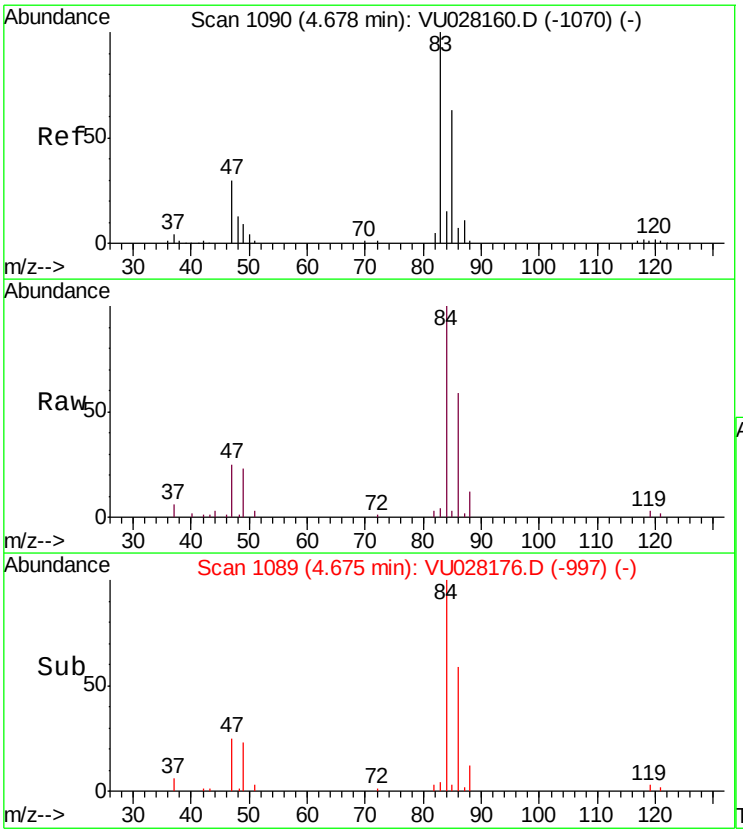
#13
Acetone
Concen: 1.078 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.00 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Instrument :
MSVOA_U
ClientSampleId :
F9C02

Tgt Ion: 43 Resp: 2868

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	61.6

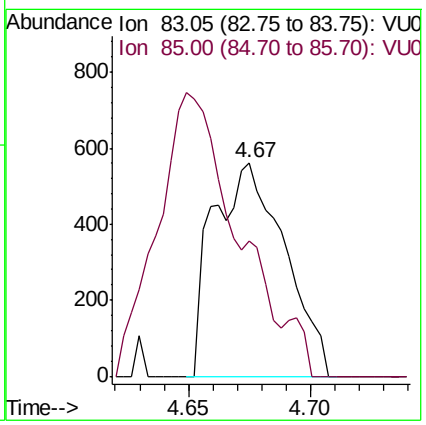


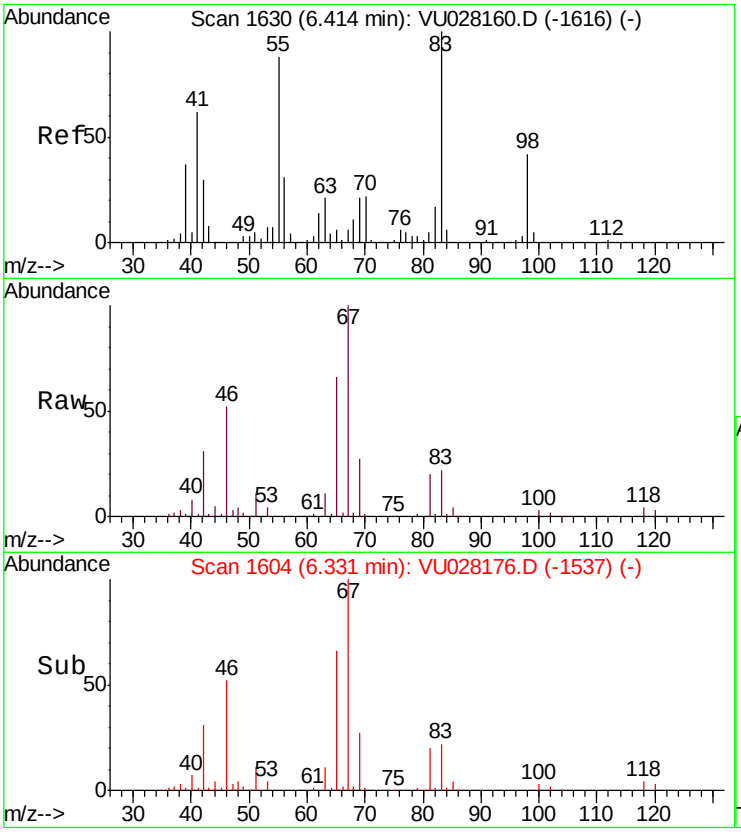


#25
Chloroform
Concen: 0.052 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Tgt Ion: 83 Resp: 1145

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.0	83.6



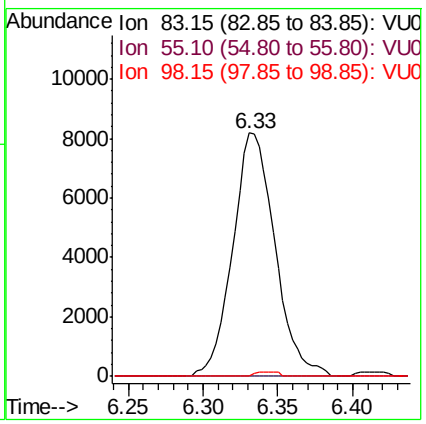


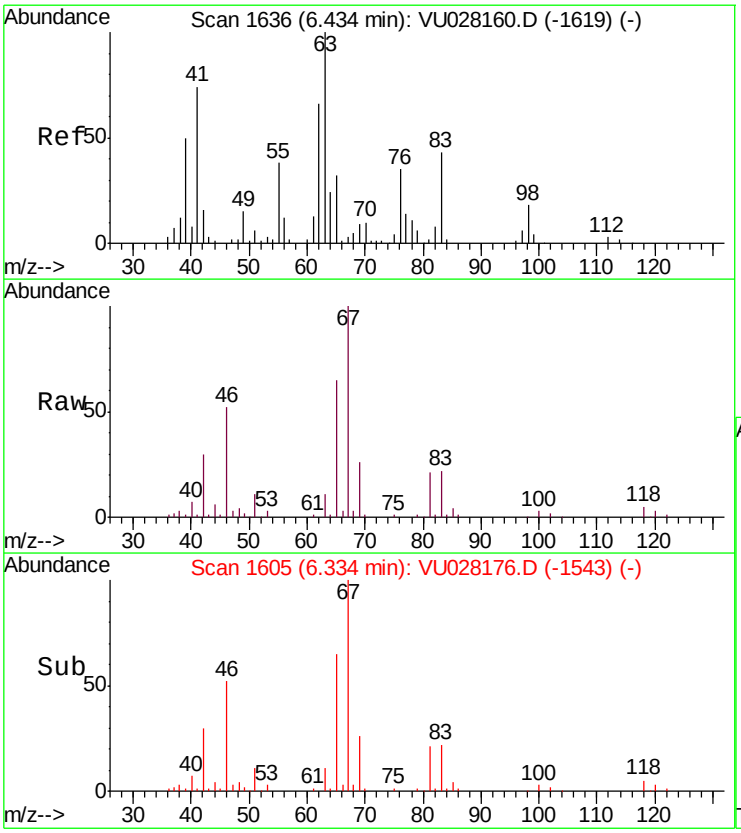
#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Instrument :
MSVOA_U
ClientSampleId :
F9C02

Tgt Ion: 83 Resp: 16112

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	1.0	33.3	49.9#

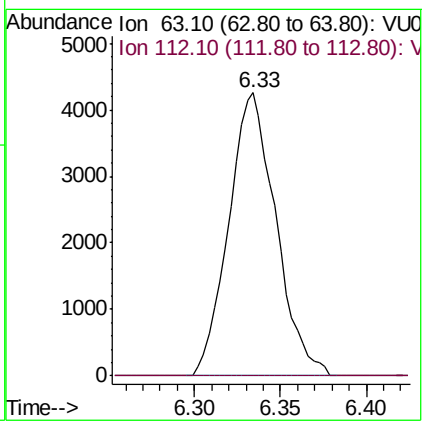


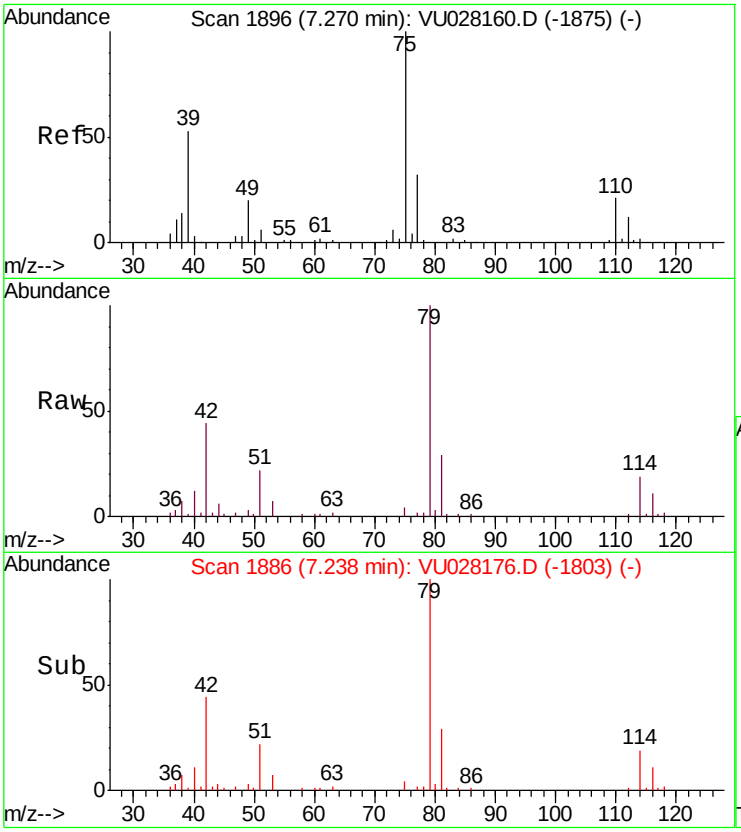


#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Tgt Ion: 63 Resp: 8099

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



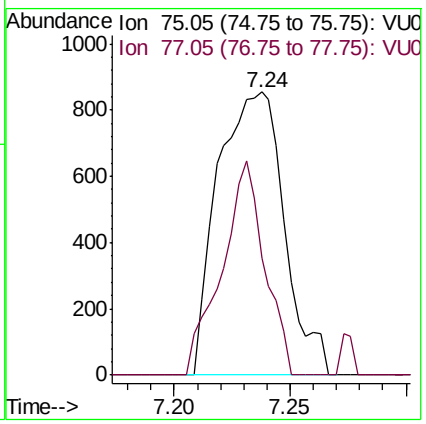


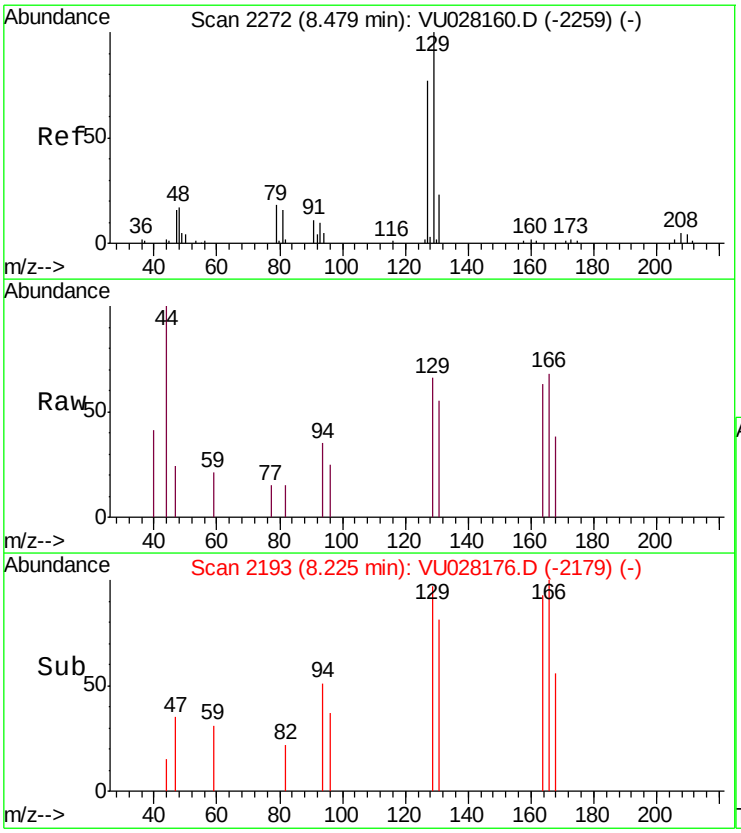
#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.24 min Scan# 1886
Delta R.T. -0.03 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Instrument :
MSVOA_U
ClientSampleId :
F9C02

Tgt Ion: 75 Resp: 1700

Ion	Ratio	Lower	Upper
75	100		
77	41.2	20.9	38.9#

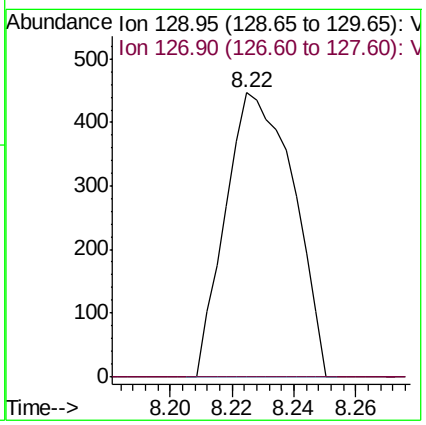


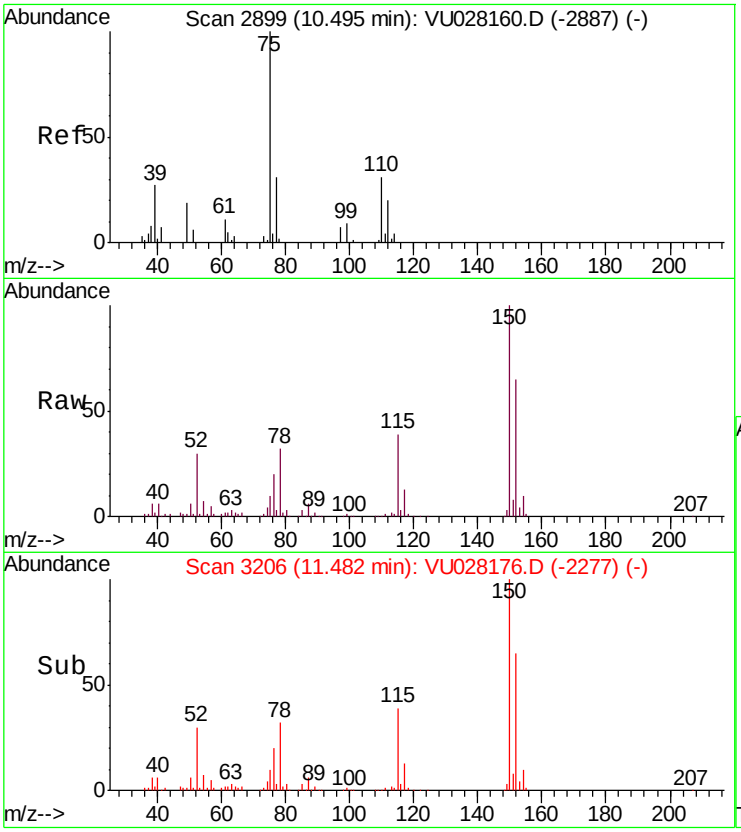


#49
Dibromochloromethane
Concen: 0.072 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Tgt Ion:129 Resp: 680

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# 3206
Delta R.T. 0.99 min
Lab File: VU028176.D
Acq: 15 Nov 2018 17:02

Instrument :
MSVOA_U
ClientSampleId :
F9C02

Tgt Ion: 75 Resp: 10301

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.0