Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\

Quantitation Report (Not Reviewed)

Data File : VU035229.D
Acq On : 17 Oct 2019 22:38
Operator : JC/SP
Sample : K5318-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CH3

Quant Time: Oct 18 03:53:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	355998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	338954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143668	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	113204	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.93	69	101147	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.59	63	158596	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	4.72	46	305898	49.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.08%			
24) Chloroform-d	5.11	84	205827	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.75	65	117402	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.77	84	426463	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
36) 1,2-Dichloropropane-d6	6.74	67	136119	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.93	98	400613	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
43) trans-1,3-Dichloropropene-	8.22	79	60123	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
46) 2-Hexanone-d5	8.69	63	262097	49.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.52%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111566	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	135614	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1782	0.078	ug/L #	1
13) Acetone	2.68	43	9552	2.201	ug/L	91
34) Trichloroethene	6.29	95	6832	0.255	ug/L #	3
35) Methylcyclohexane	6.74	83	32241	0.719	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15489	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4424	0.104	ug/L #	49
47) Tetrachloroethene	8.58	164	163238	7.308	ug/L	97
49) Dibromochloromethane	8.58	129	144580	6.067	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	18289	1.037	ug/L	97

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

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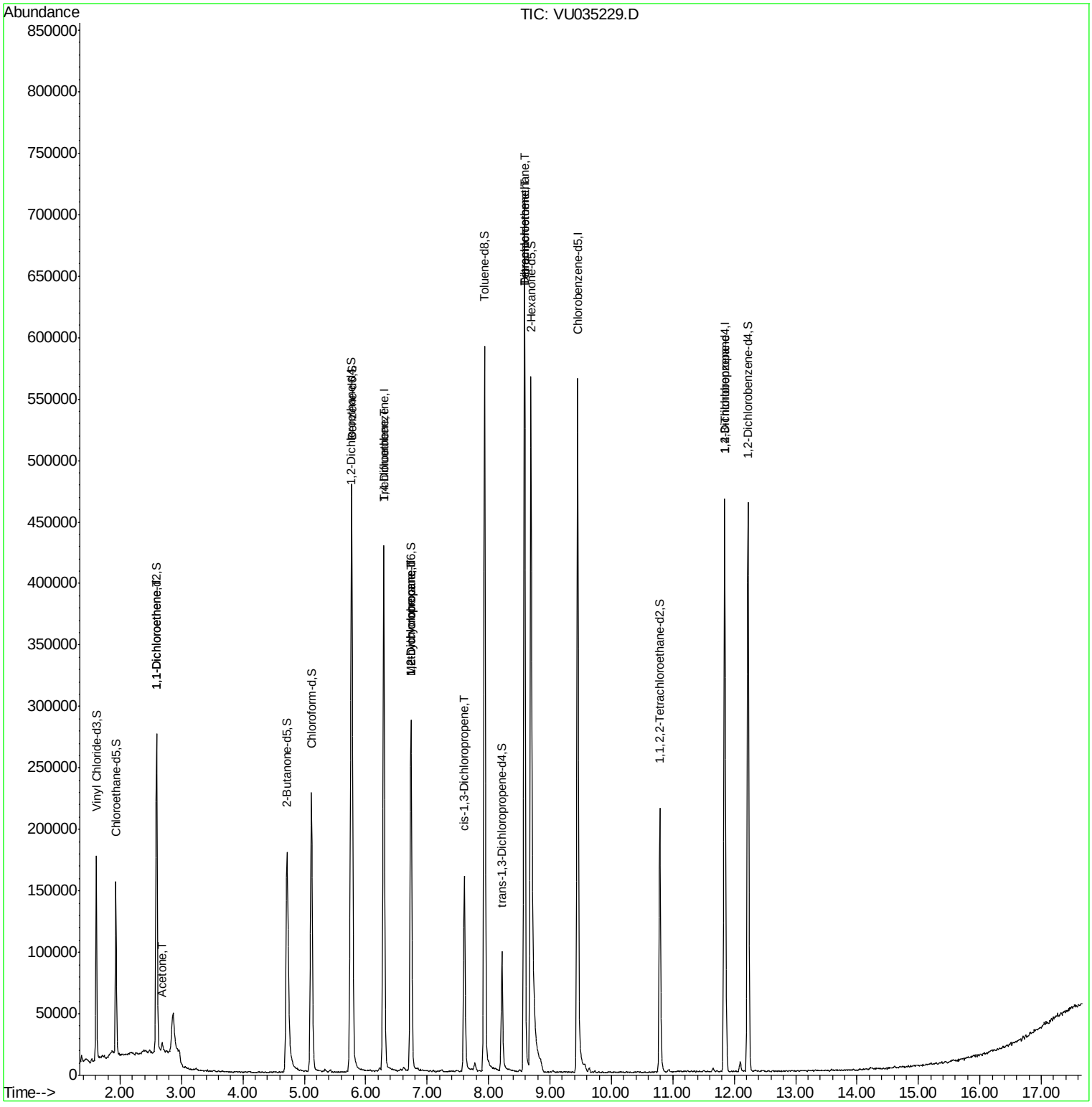
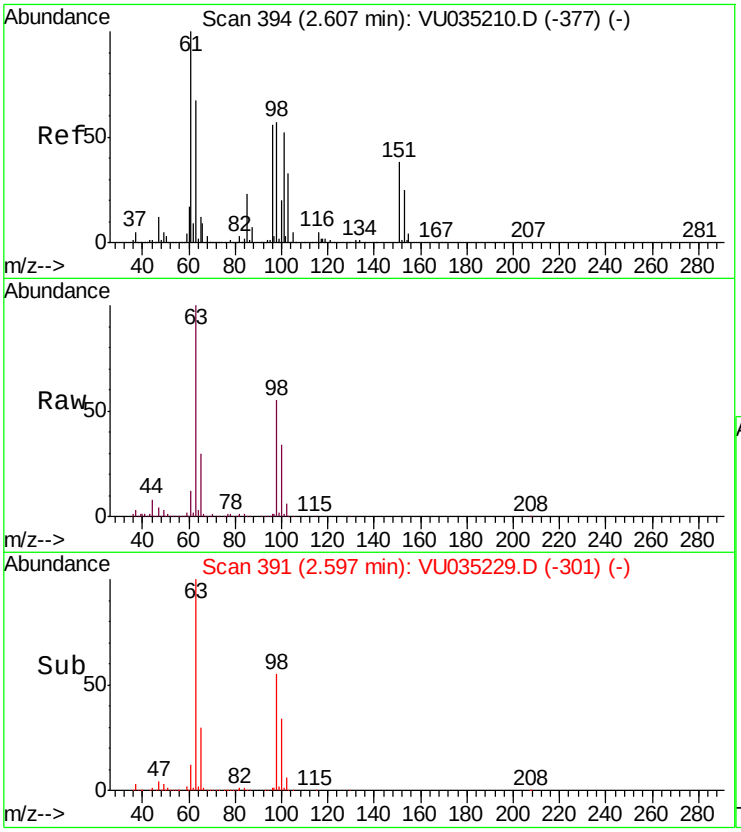


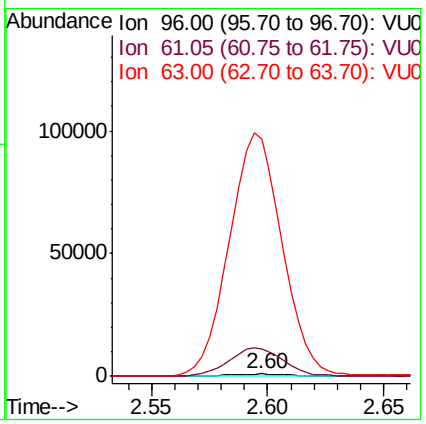


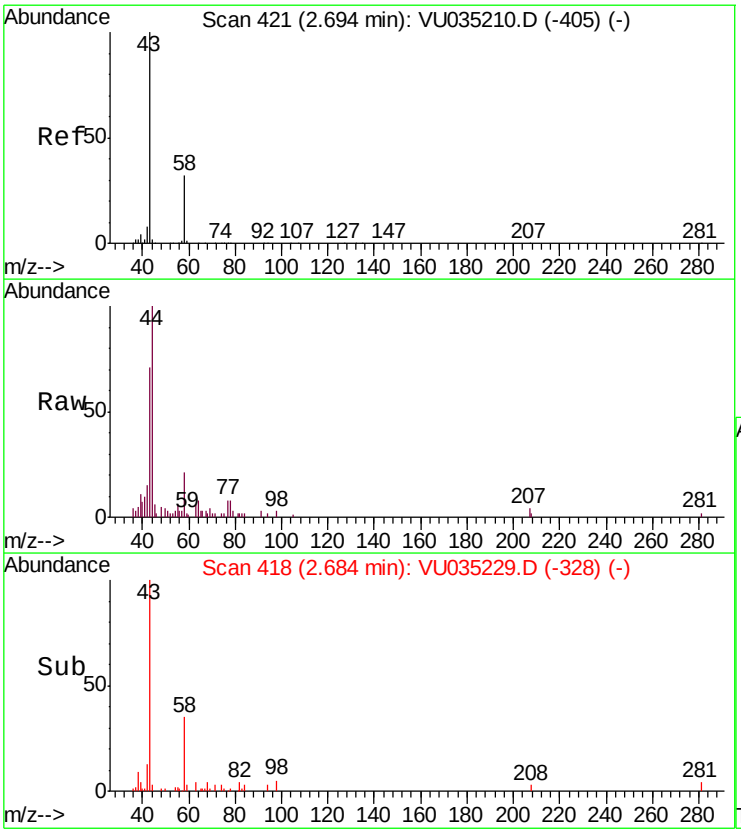
#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Instrument :
MSVOA_U
ClientSampleId :
C0CH3

Tgt Ion: 96 Resp: 1782

Ion	Ratio	Lower	Upper
96	100		
61	1127.0	120.6	224.0#
63	9653.6	86.8	161.2#

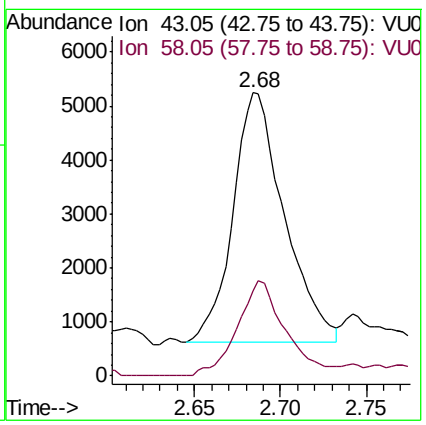


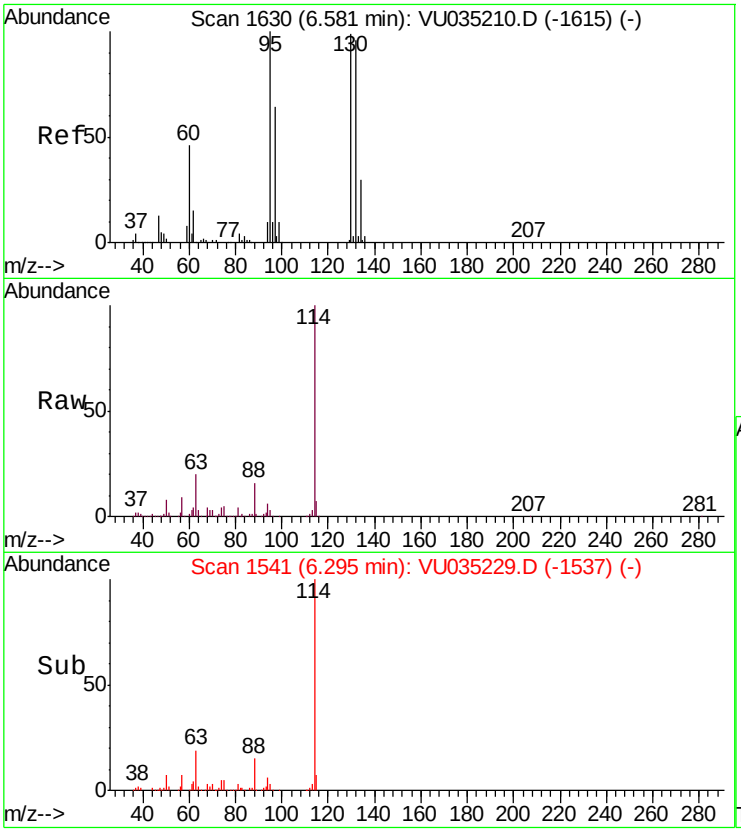


#13
Acetone
Concen: 2.201 ug/L
RT: 2.68 min Scan# 418
Delta R.T. -0.01 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Tgt Ion: 43 Resp: 9552

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	61.8



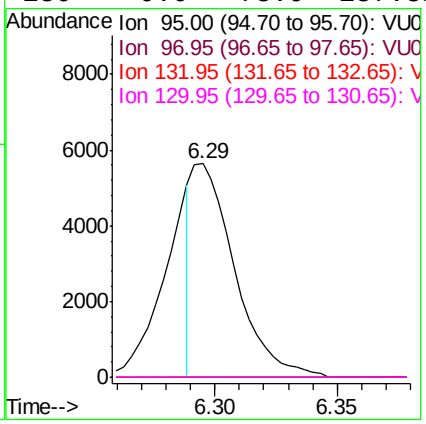


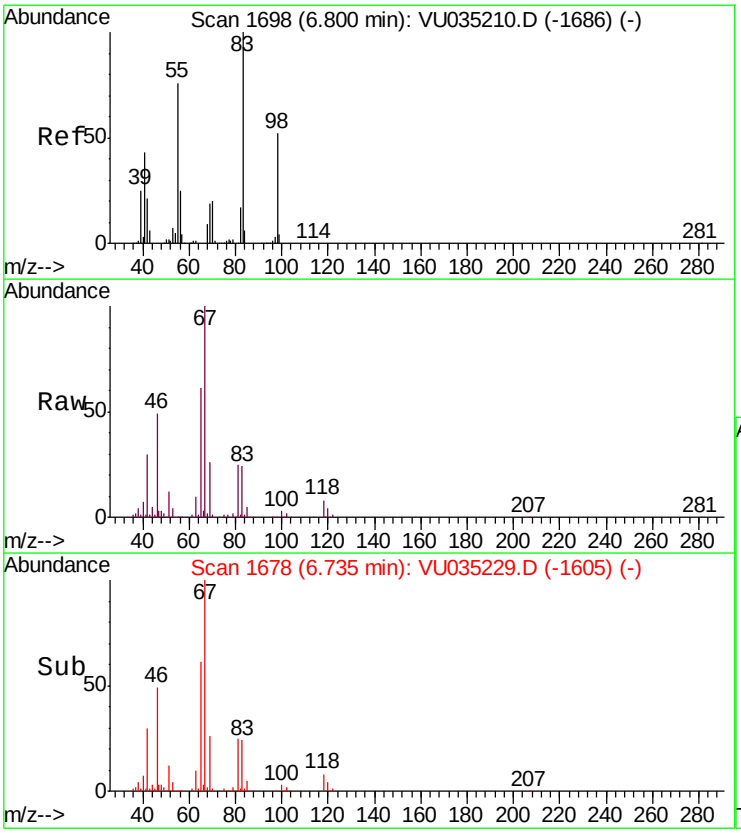
#34
Trichloroethene
Concen: 0.255 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Instrument : MSVOA_U
ClientSampleId : C0CH3

Tgt Ion: 95 Resp: 6832

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.6	86.6#
132	0.0	68.7	127.7#
130	0.0	73.9	137.3#

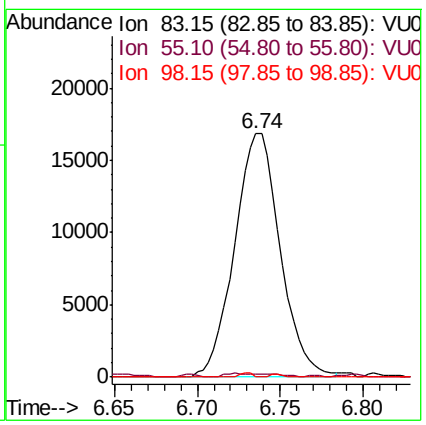


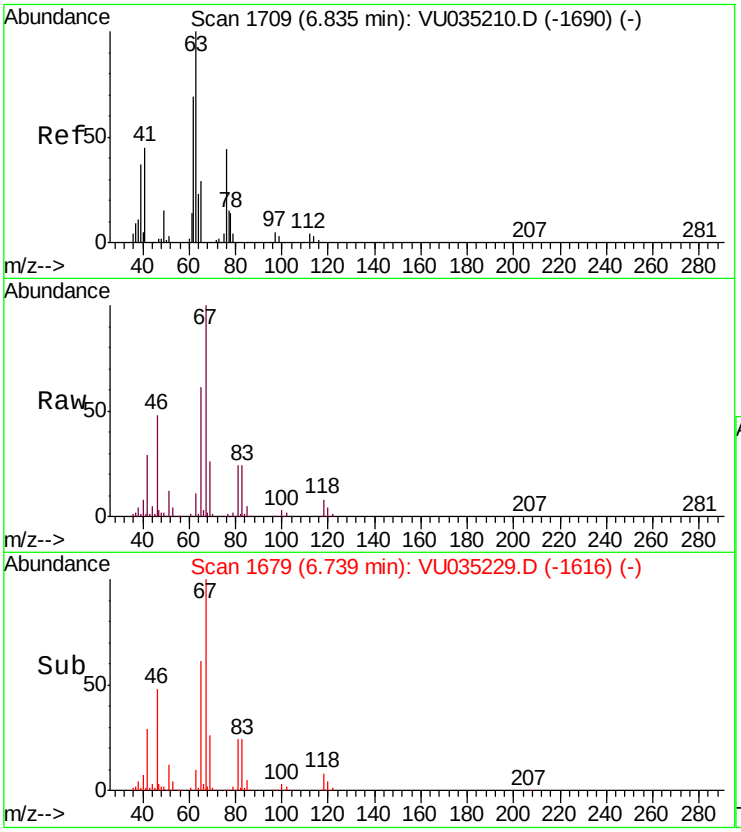


#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Tgt Ion: 83 Resp: 32241

Ion	Ratio	Lower	Upper
83	100		
55	1.5	60.4	90.6#
98	0.5	39.5	59.3#



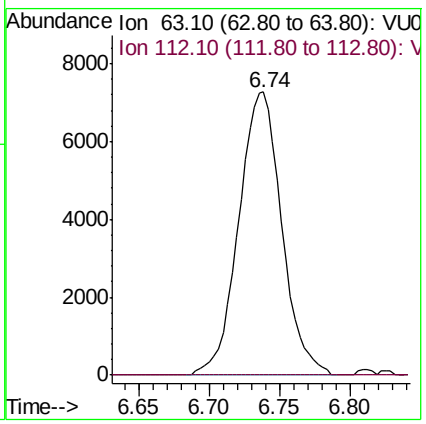


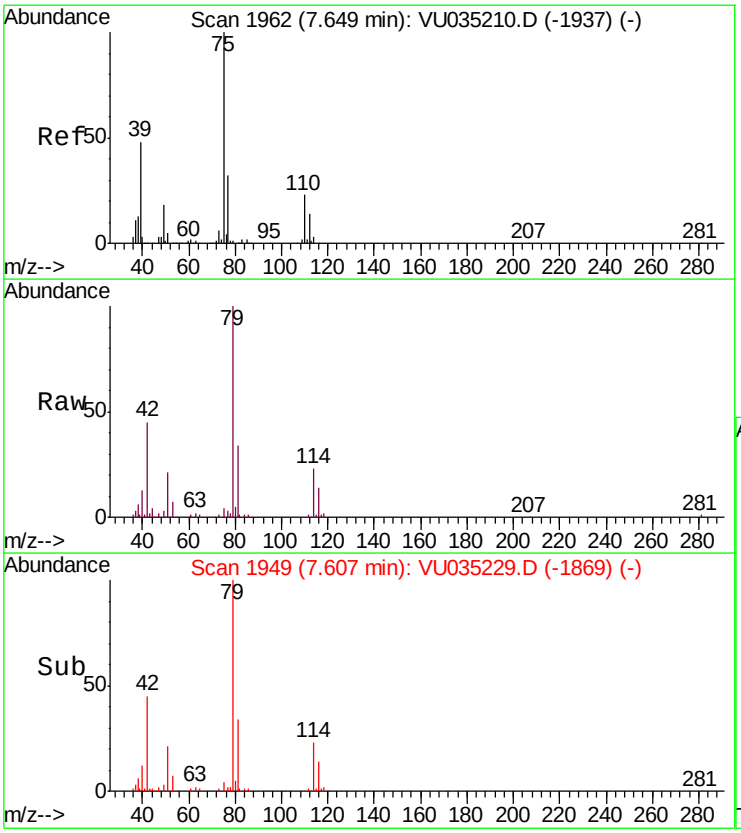
#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.10 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Instrument : MSVOA_U
ClientSampleId : C0CH3

Tgt Ion: 63 Resp: 15489

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

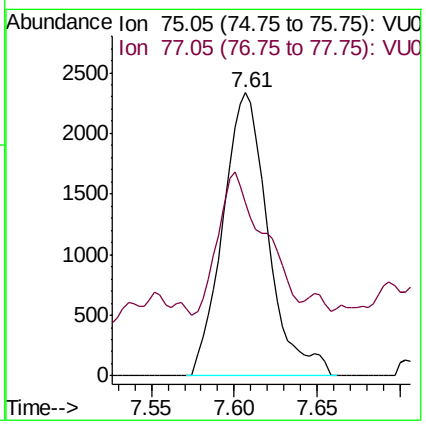


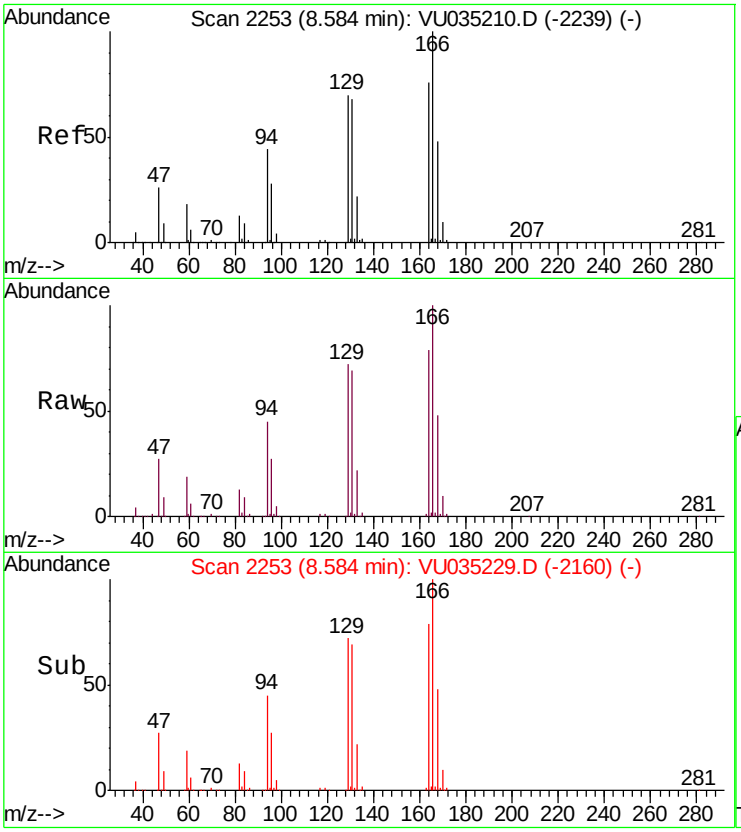


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Tgt Ion: 75 Resp: 4424

Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.7	42.1#



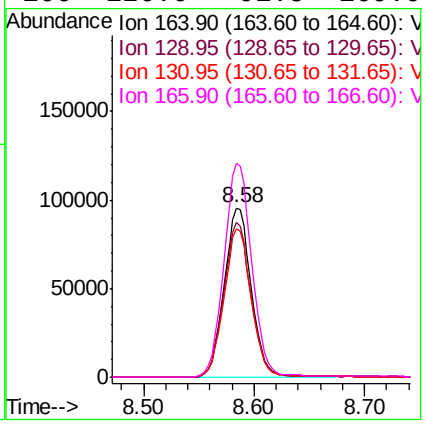


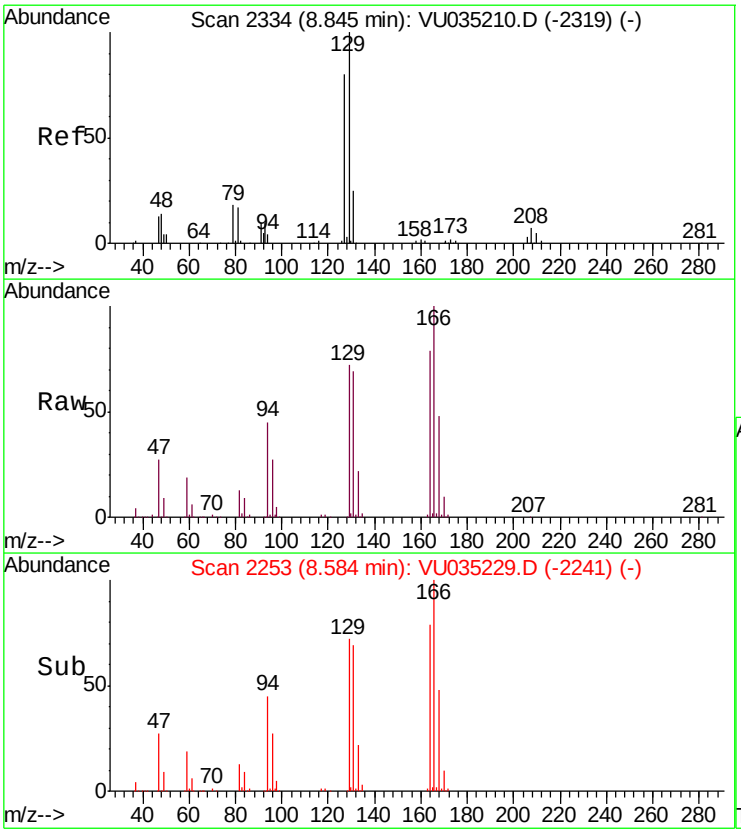
#47
Tetrachloroethene
Concen: 7.308 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Instrument :
MSVOA_U
ClientSampleId :
C0CH3

Tgt Ion:164 Resp: 163238

Ion	Ratio	Lower	Upper
164	100		
129	91.0	65.2	121.0
131	87.3	62.9	116.9
166	126.0	91.5	169.9

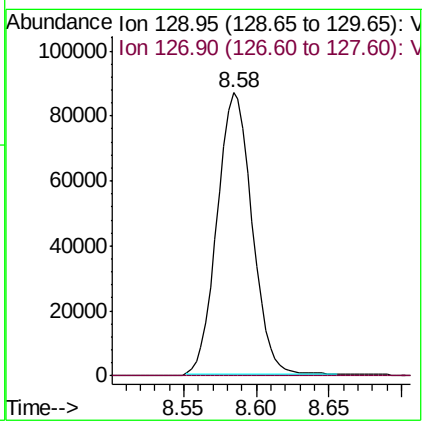


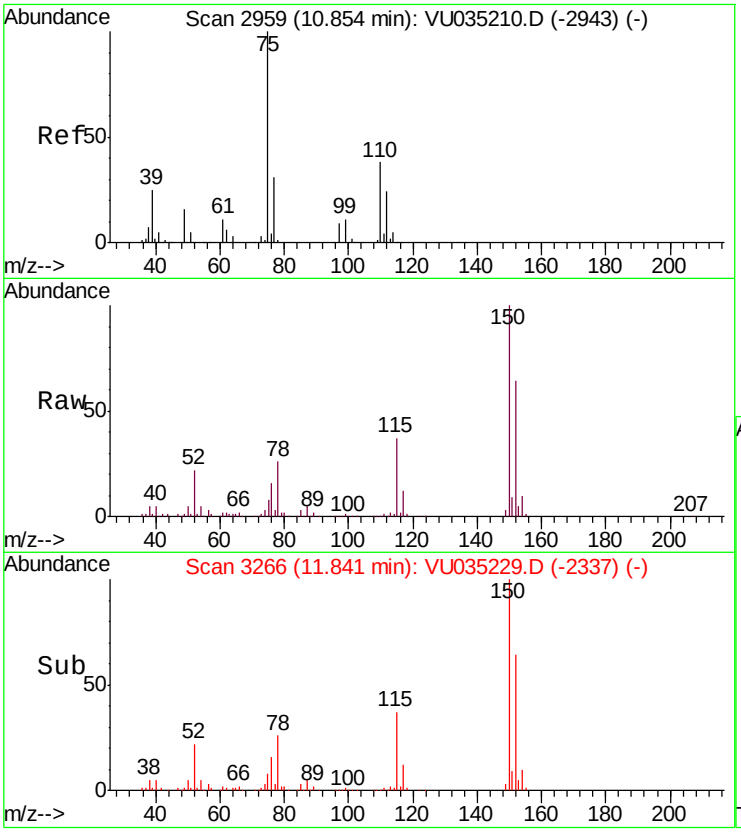


#49
Dibromochloromethane
Concen: 6.067 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Tgt Ion:129 Resp: 144580

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035229.D
Acq: 17 Oct 2019 22:38

Instrument :
MSVOA_U
ClientSampleId :
C0CH3

Tgt Ion: 75 Resp: 18289

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.2	39.2