Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\

Quantitation Report (Not Reviewed)

Data File : VU035168.D
Acq On : 14 Oct 2019 22:39
Operator : JC/SP
Sample : K5317-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CE5

Quant Time: Oct 15 08:03:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	148854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	159991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	43370	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.67	69	44416	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.20%			
11) 1,1-Dichloroethene-d2	2.26	63	65477	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.18	46	158466	61.15	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.30%			
24) Chloroform-d	4.62	84	79973	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.29	65	53498	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
32) Benzene-d6	5.32	84	169662	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.31	67	61999	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.55	98	144878	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.84	79	19103	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.30	63	101251	47.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.34%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54484	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	51690	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	8716	4.107	ug/L	87
15) Methyl Acetate	2.48	43	3469	0.614	ug/L #	53
25) Chloroform	4.65	83	13847	0.606	ug/L	100
35) Methylcyclohexane	6.31	83	13708	0.681	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6666	0.513	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	1486	0.084	ug/L #	60
47) Tetrachloroethene	8.21	164	56146	5.581	ug/L	97
48) 2-Hexanone	8.35	43	5982	1.066	ug/L #	71
49) Dibromochloromethane	8.21	129	54654	5.478	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7810	0.928	ug/L	98

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

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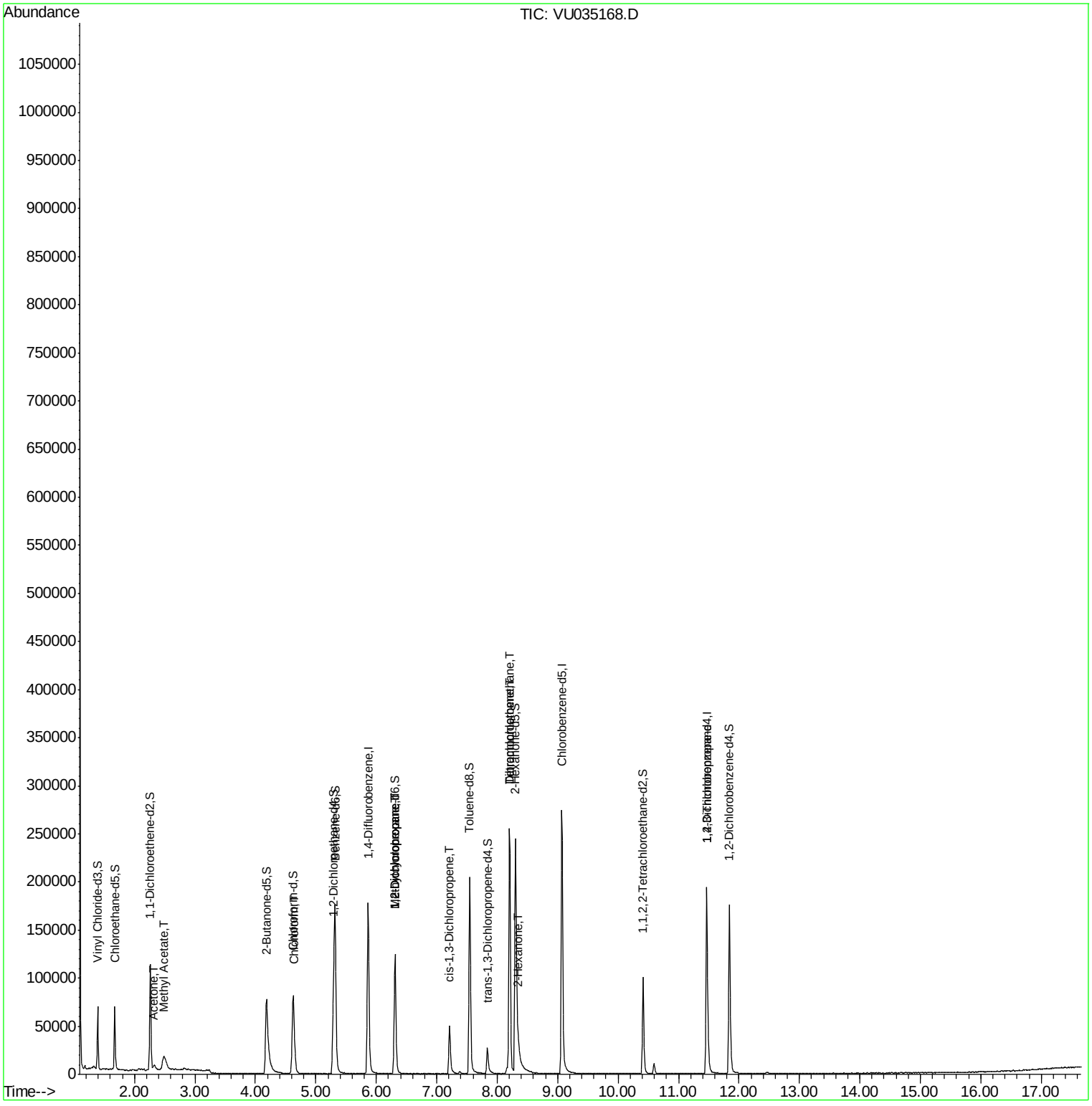
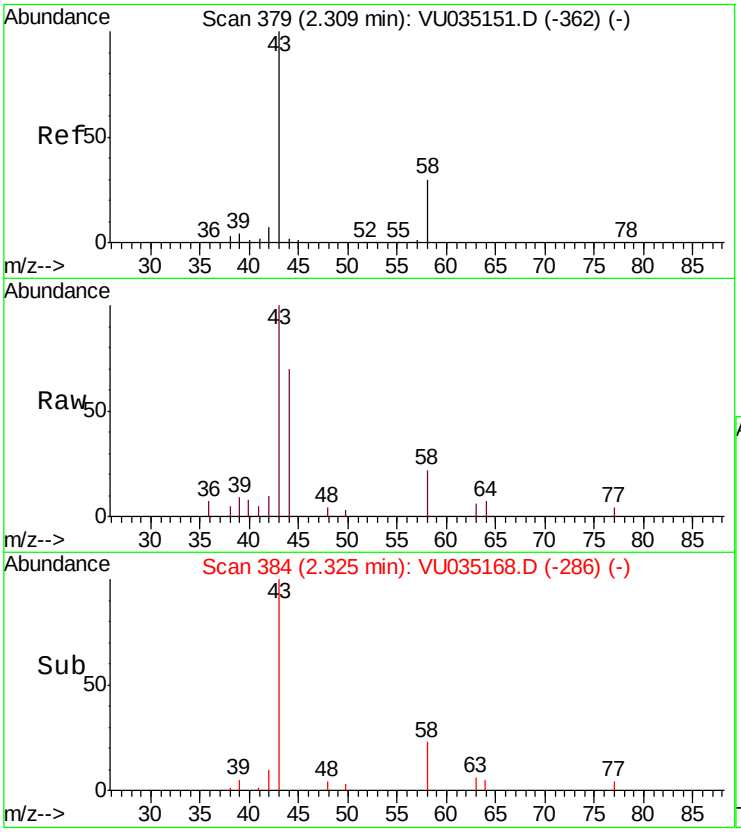


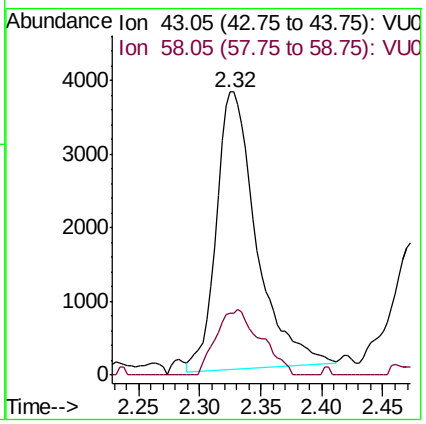


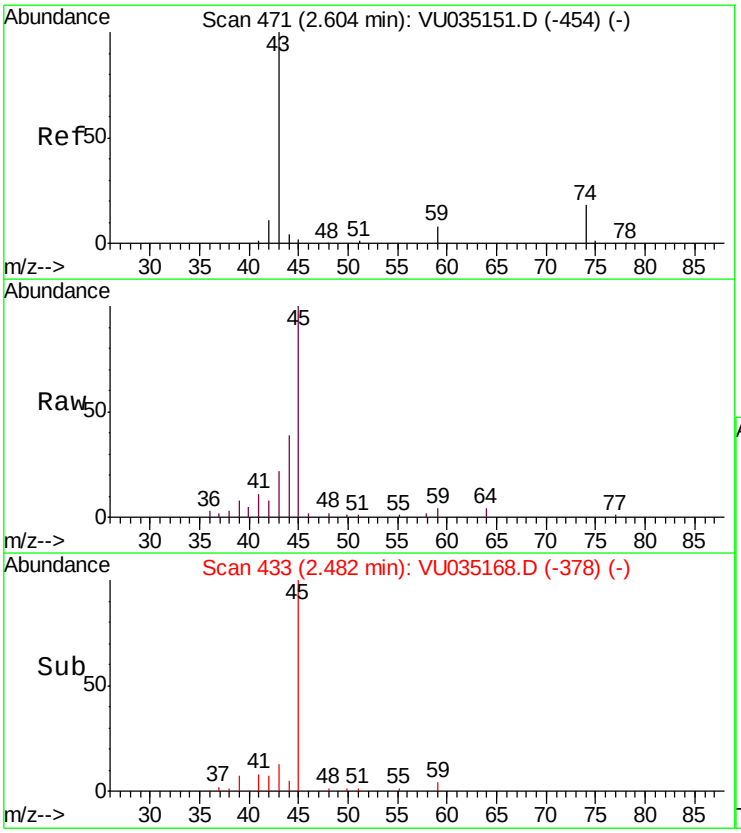
#13
Acetone
Concen: 4.107 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Instrument :
MSVOA_U
ClientSampleId :
C0CE5

Tgt Ion: 43 Resp: 8716

Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	66.6

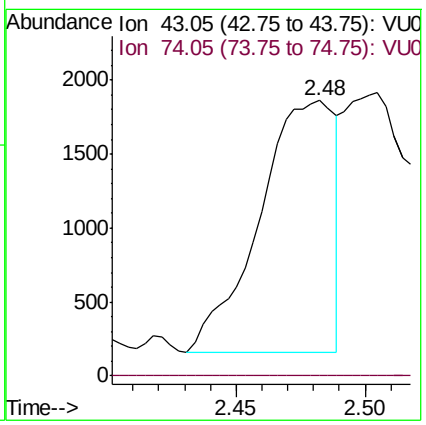


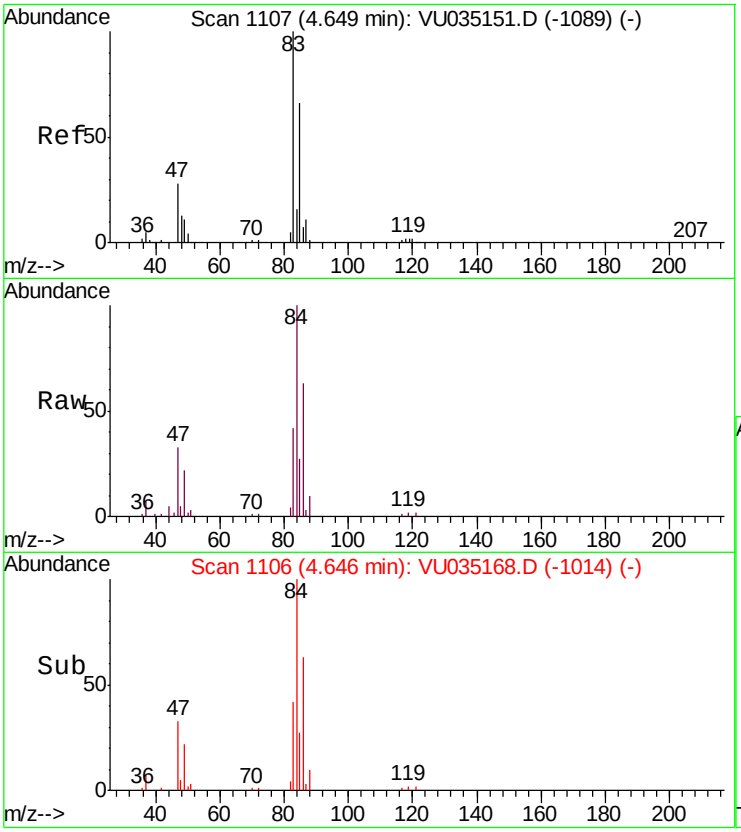


#15
Methyl Acetate
Concen: 0.614 ug/L
RT: 2.48 min Scan# 433
Delta R.T. -0.12 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Tgt Ion: 43 Resp: 3469

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



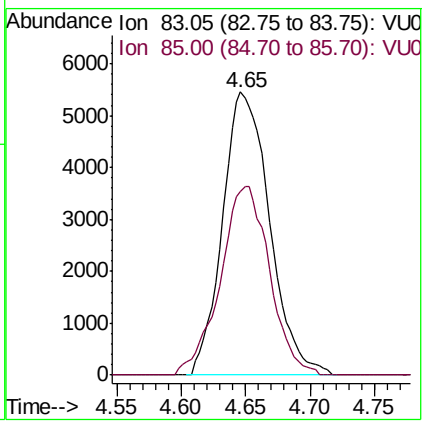


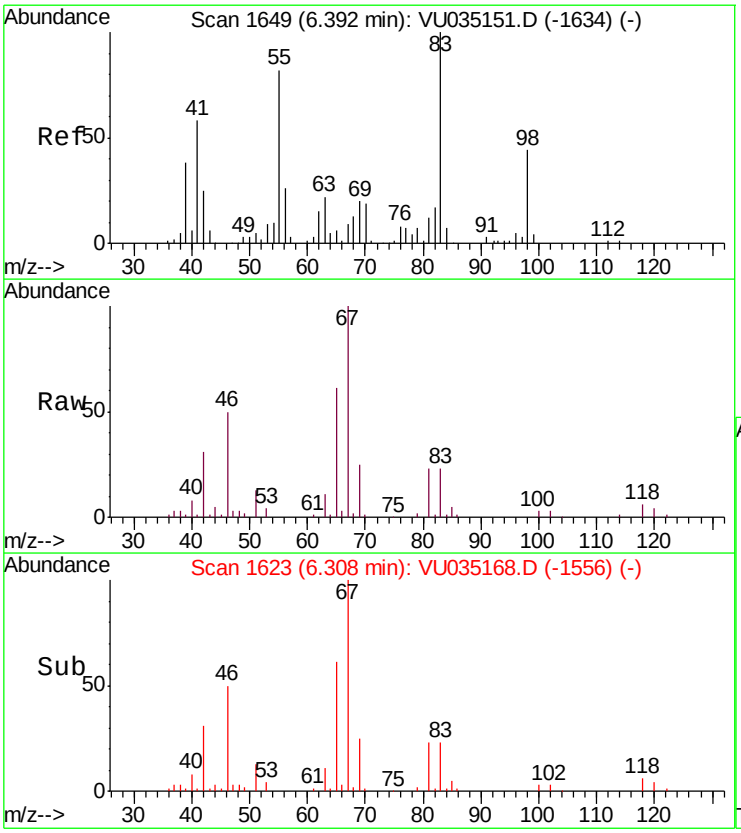
#25
Chloroform
Concen: 0.606 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Instrument :
MSVOA_U
ClientSampleId :
C0CE5

Tgt Ion: 83 Resp: 13847

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.4	84.4

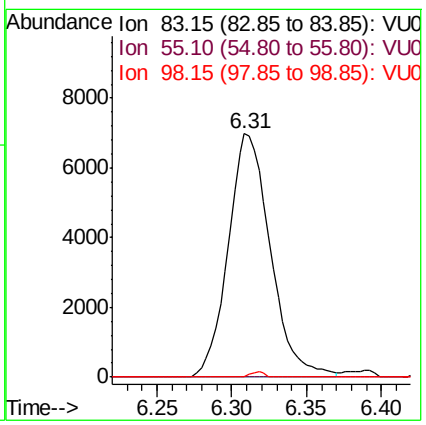


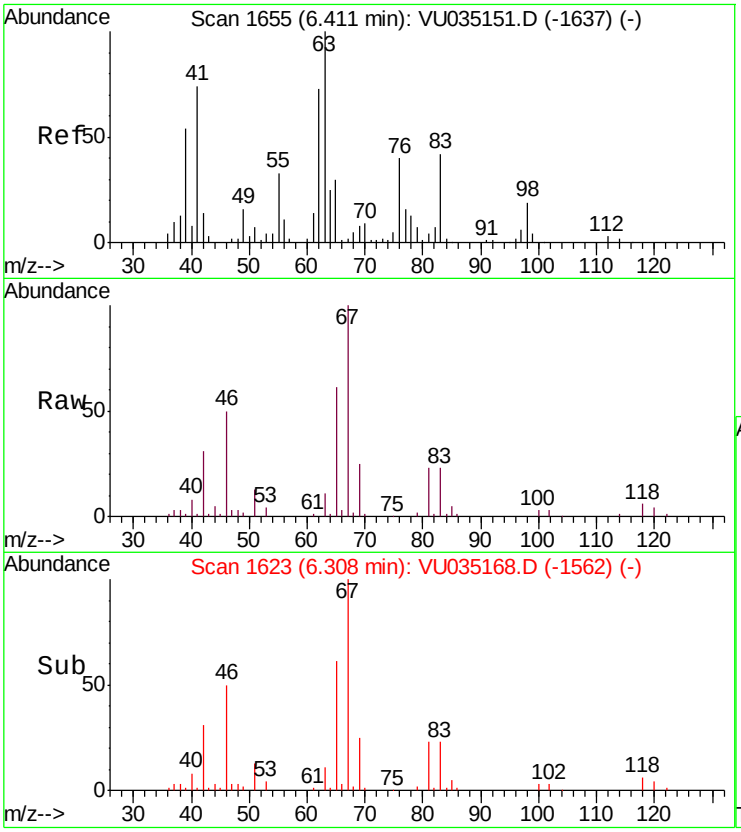


#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Tgt Ion: 83 Resp: 13708

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.7	36.2	54.2#



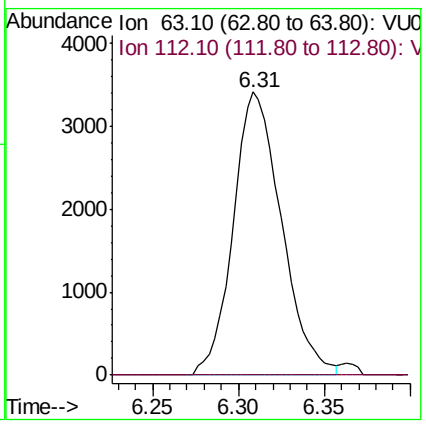


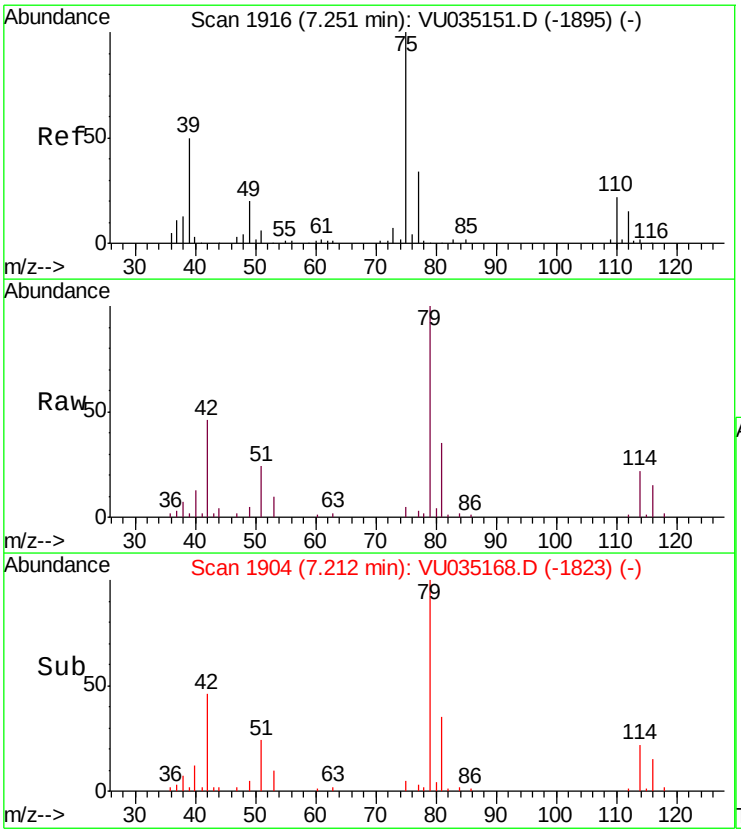
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Instrument : MSVOA_U
ClientSampleId : C0CE5

Tgt Ion: 63 Resp: 6666

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

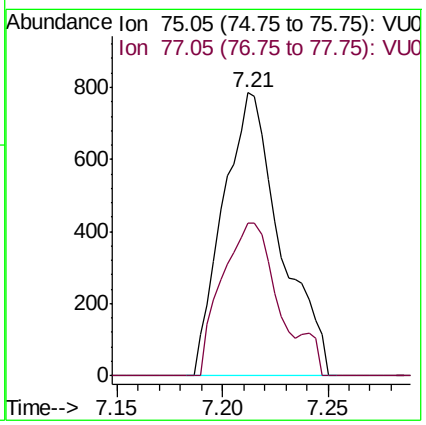


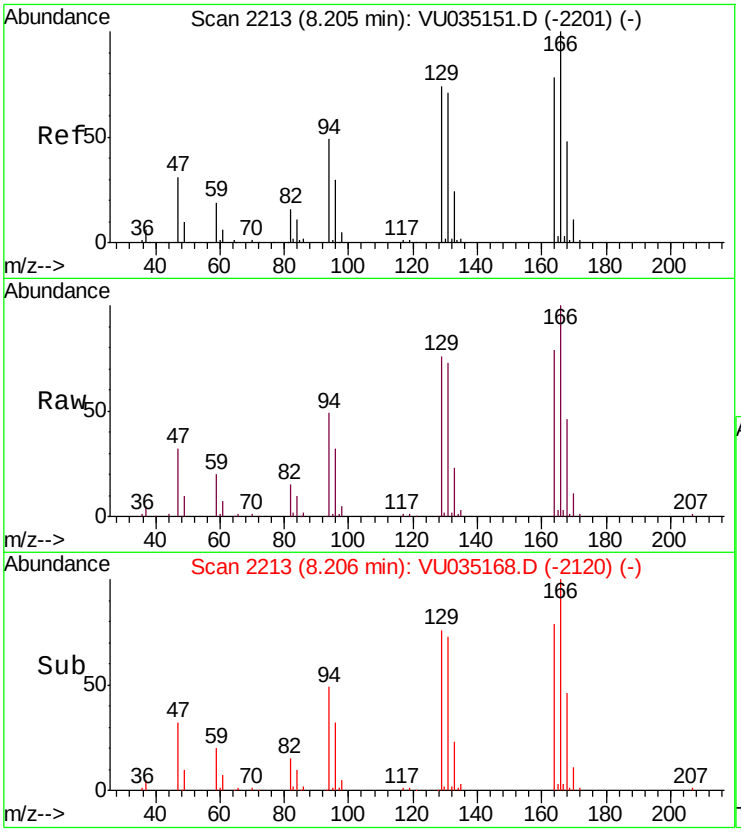


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Tgt Ion: 75 Resp: 1486

Ion	Ratio	Lower	Upper
75	100		
77	53.9	22.1	41.1#



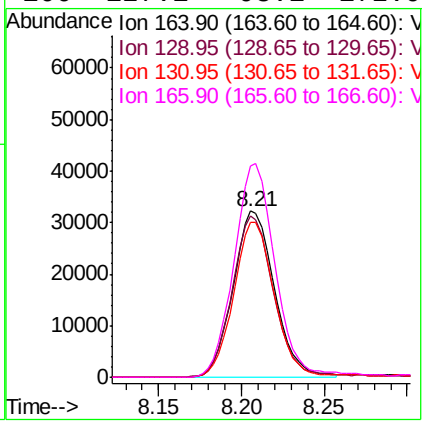


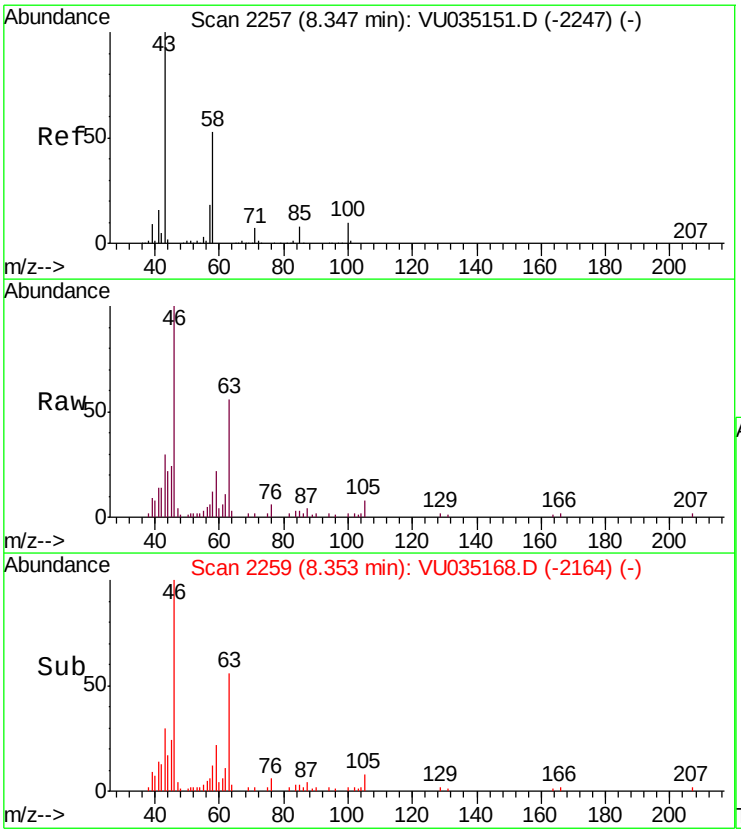
#47
Tetrachloroethene
Concen: 5.581 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Instrument : MSVOA_U
ClientSampleId : C0CE5

Tgt Ion:164 Resp: 56146

Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.1
131	93.4	67.3	124.9
166	127.1	93.1	172.9

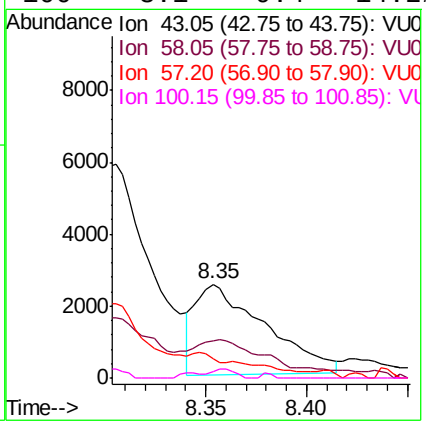


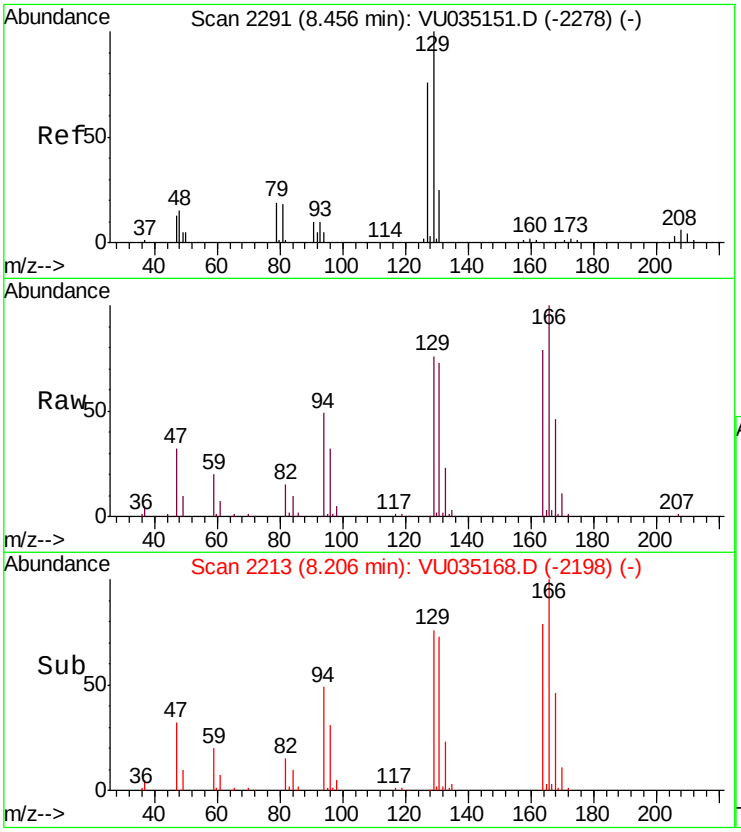


#48
2-Hexanone
Concen: 1.066 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Tgt Ion: 43 Resp: 5982

Ion	Ratio	Lower	Upper
43	100		
58	37.2	44.1	66.1#
57	0.0	15.8	23.8#
100	3.1	9.4	14.2#



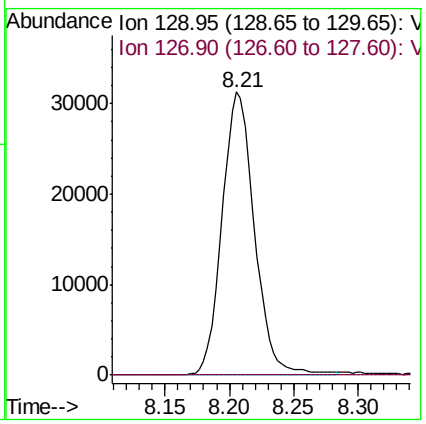


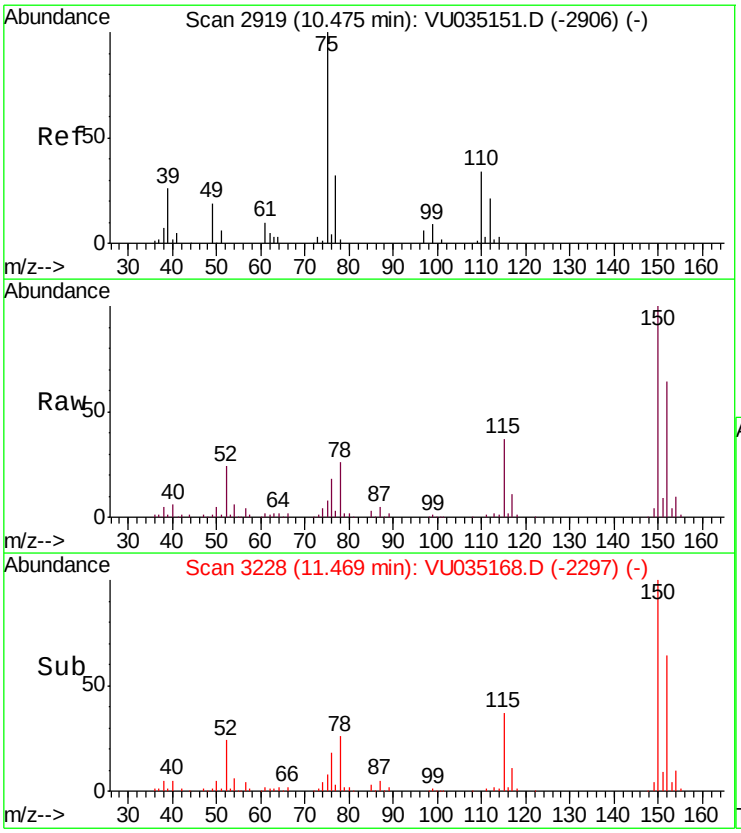
#49
Dibromochloromethane
Concen: 5.478 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Instrument :
MSVOA_U
ClientSampleId :
C0CE5

Tgt Ion:129 Resp: 54654

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.928 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035168.D
Acq: 14 Oct 2019 22:39

Tgt Ion: 75 Resp: 7810

Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.5	39.7