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

Quantitation Report (Not Reviewed)

Data File : VU035167.D
Acq On : 14 Oct 2019 22:14
Operator : JC/SP
Sample : K5317-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CE4

Quant Time: Oct 15 08:03:43 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	139209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	148211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52607	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40754	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.68	69	40651	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.26	63	61696	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.17	46	130519	53.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.72%			
24) Chloroform-d	4.62	84	75805	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.29	65	50303	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.20%			
32) Benzene-d6	5.32	84	160805	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.31	67	58535	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.55	98	134041	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.84	79	16457	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.31	63	94186	47.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.72%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	50913	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	46461	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
13) Acetone	2.31	43	4288	2.160	ug/L	91
15) Methyl Acetate	2.43	43	10839	2.052	ug/L #	53
25) Chloroform	4.65	83	12264	0.574	ug/L	94
35) Methylcyclohexane	6.31	83	12705	0.681	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6738	0.559	ug/L #	88
47) Tetrachloroethene	8.21	164	4839	0.519	ug/L	86
48) 2-Hexanone	8.31	43	10117	1.947	ug/L #	63
49) Dibromochloromethane	8.21	129	4305	0.466	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	6851	0.879	ug/L	89

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

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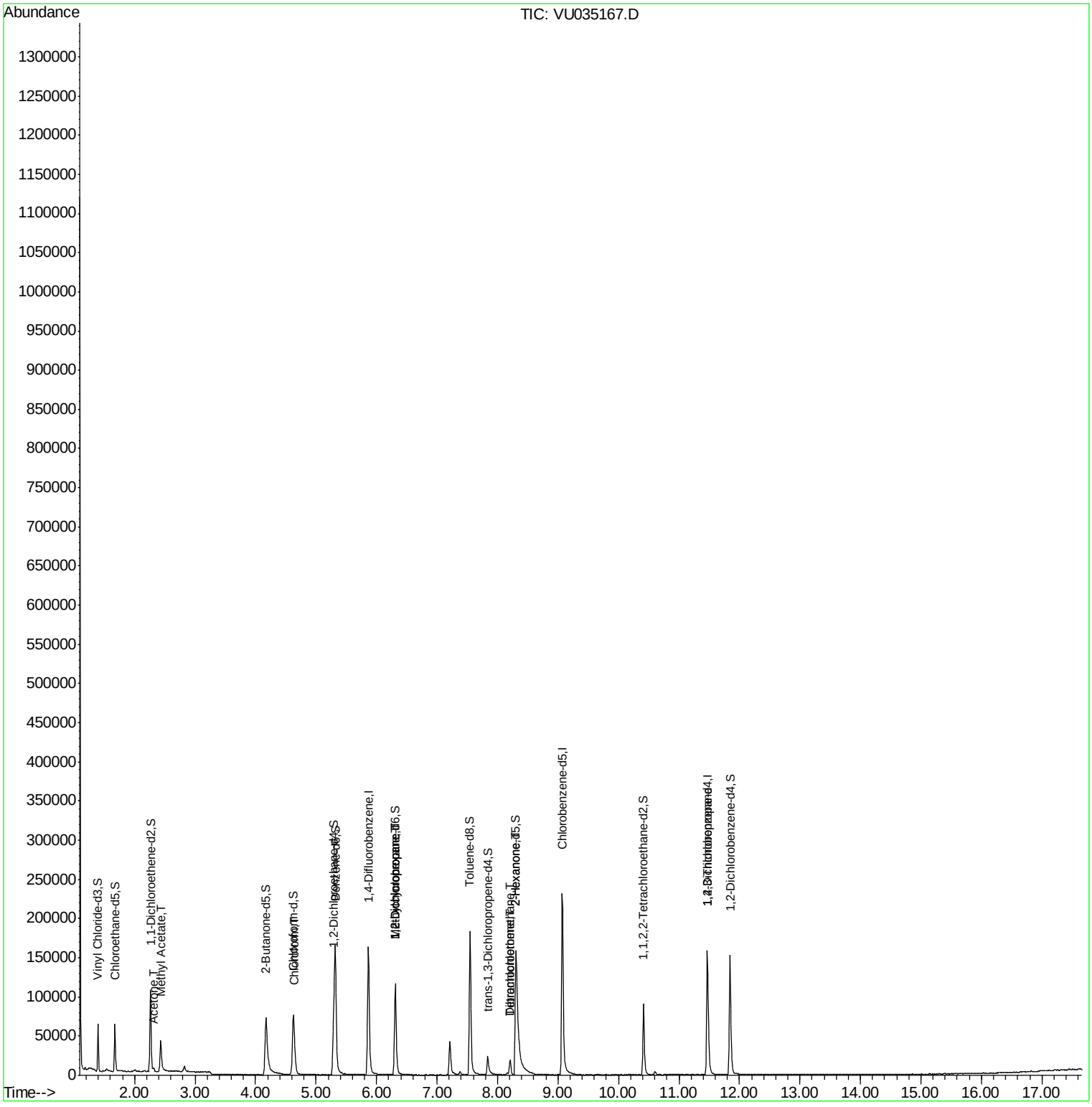
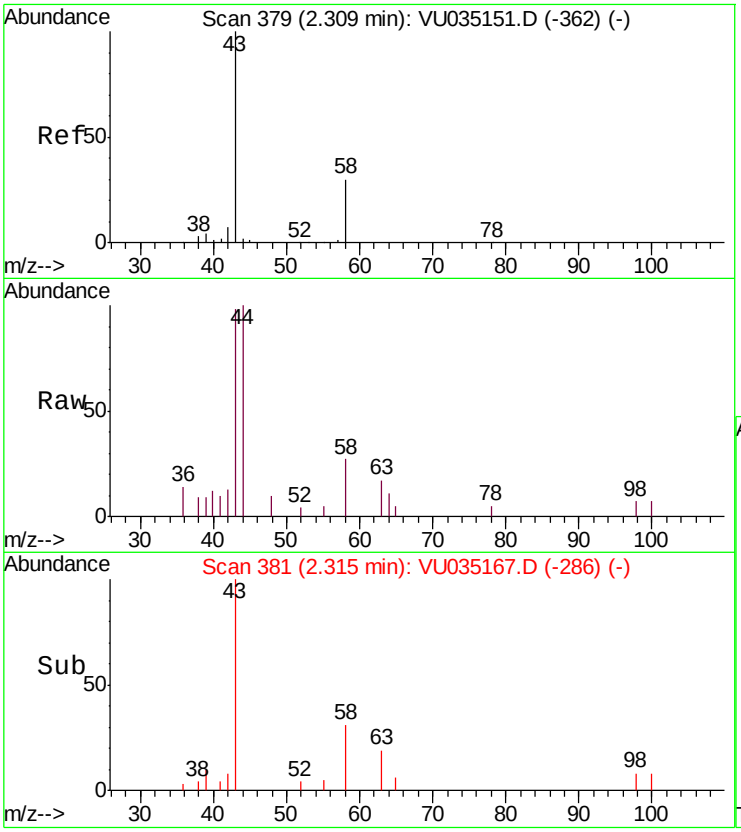


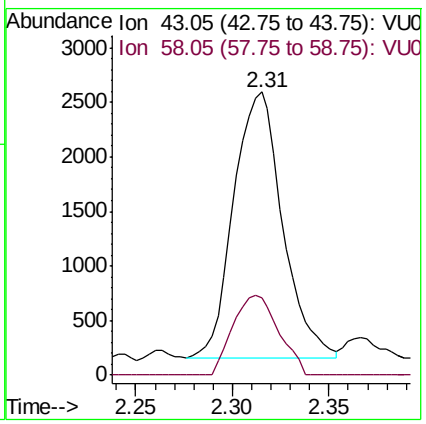


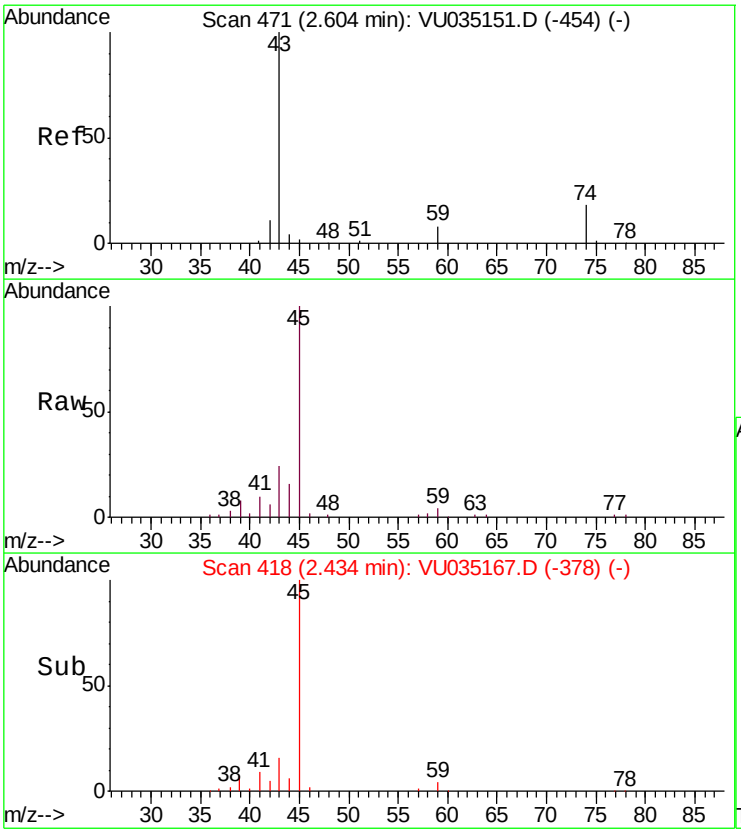
#13
Acetone
Concen: 2.160 ug/L
RT: 2.31 min Scan# 381
Delta R.T. 0.01 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Instrument : MSVOA_U
ClientSampleId : C0CE4

Tgt Ion: 43 Resp: 4288

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	66.6

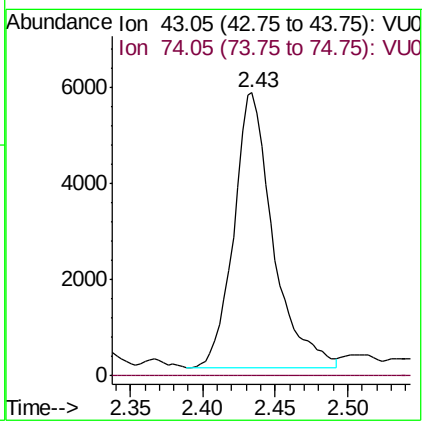


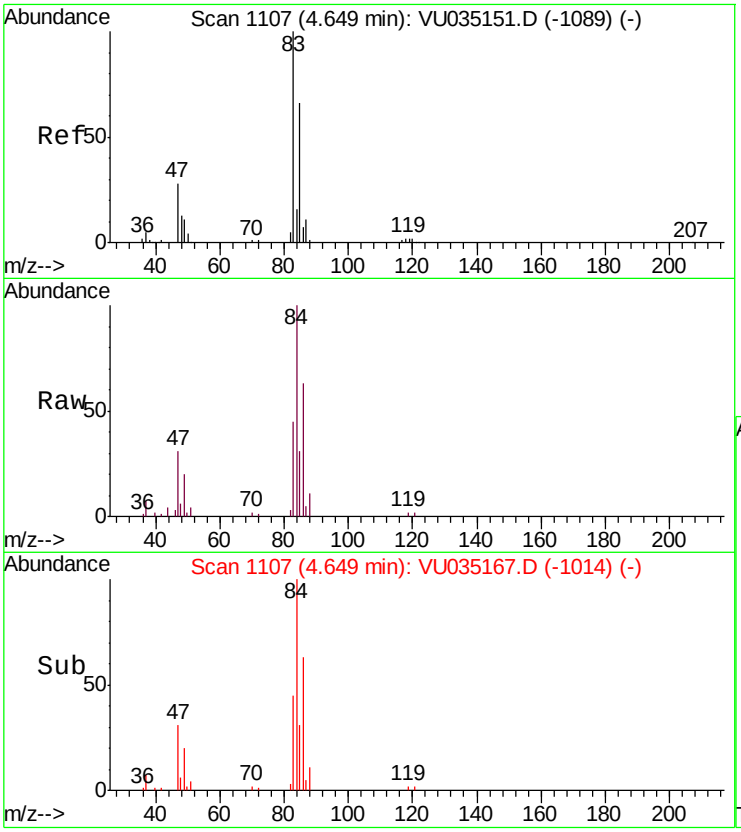


#15
Methyl Acetate
Concen: 2.052 ug/L
RT: 2.43 min Scan# 418
Delta R.T. -0.17 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Tgt Ion: 43 Resp: 10839

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



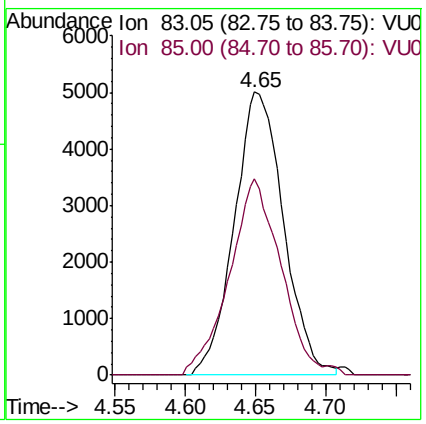


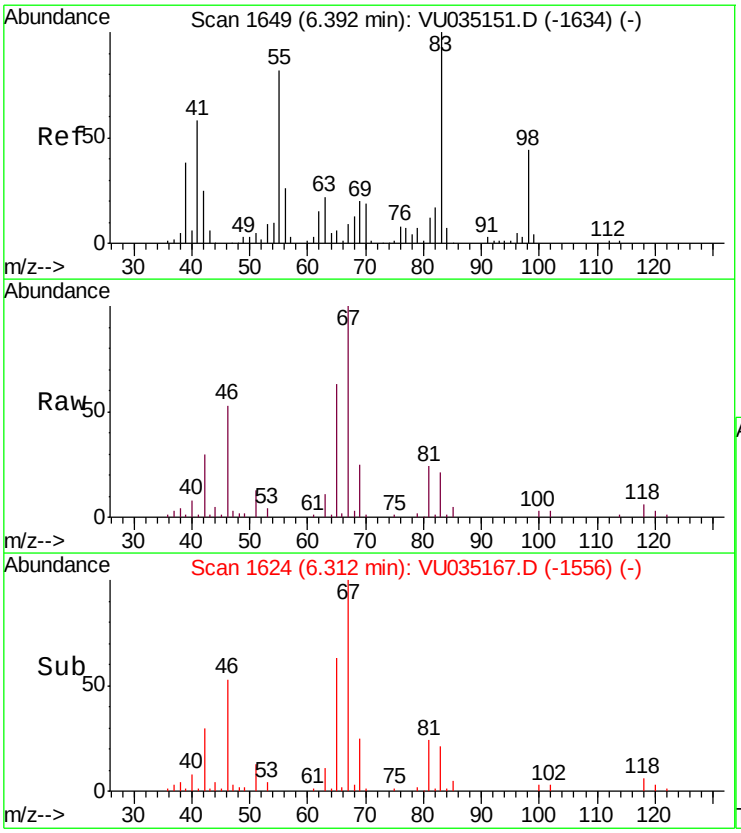
#25
Chloroform
Concen: 0.574 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
C0CE4

Tgt Ion: 83 Resp: 12264

Ion	Ratio	Lower	Upper
83	100		
85	69.3	45.4	84.4

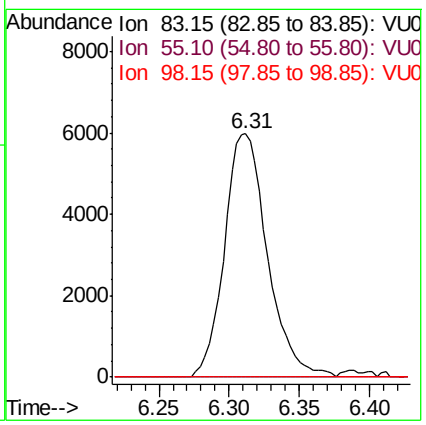


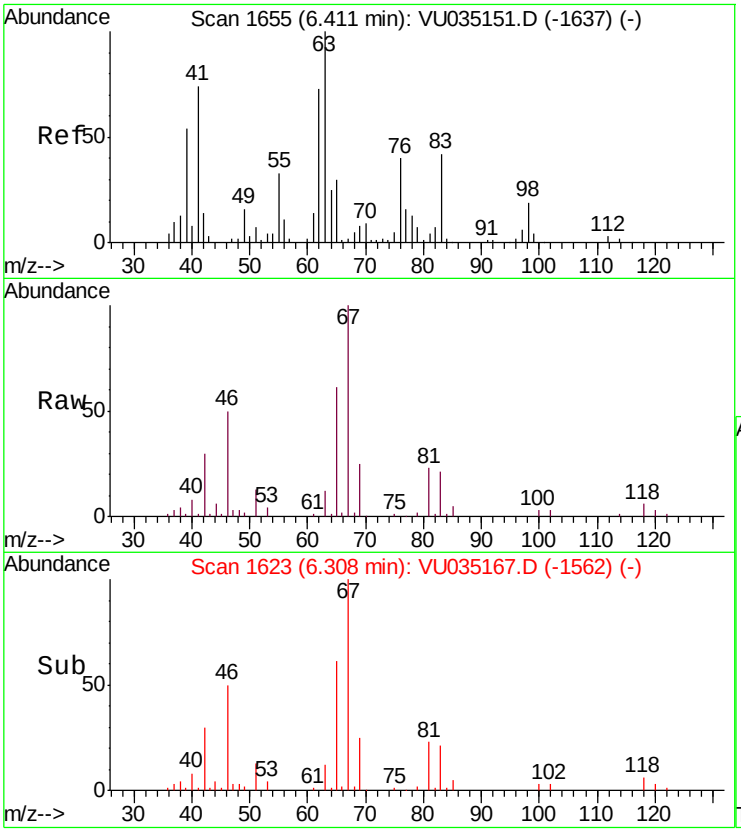


#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Tgt Ion: 83 Resp: 12705

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



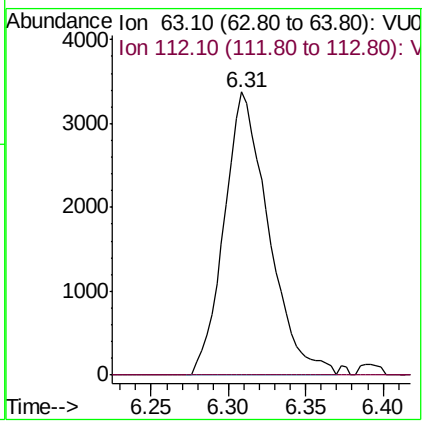


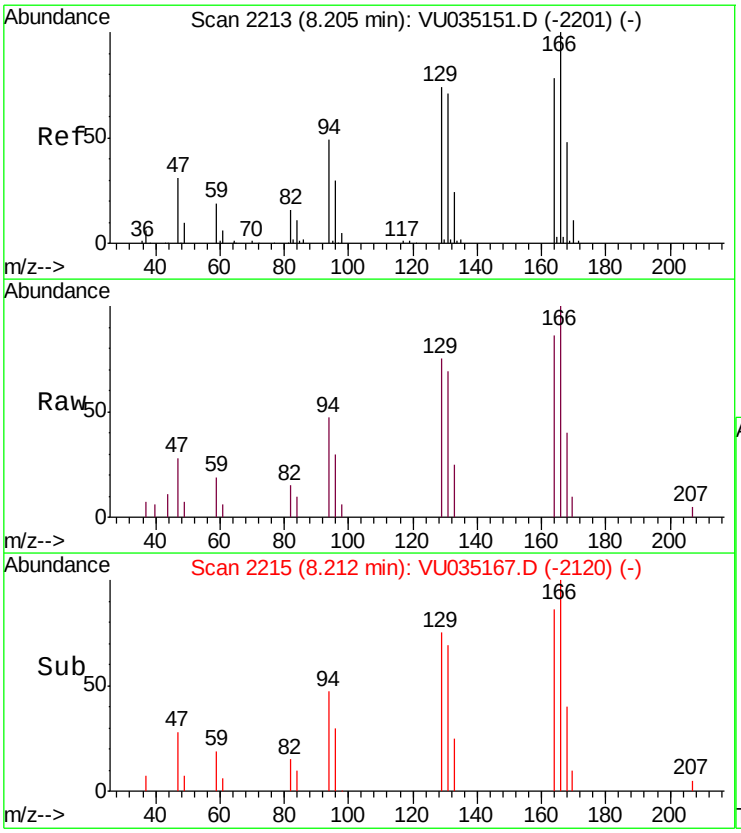
#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Instrument : MSVOA_U
ClientSampleId : C0CE4

Tgt Ion: 63 Resp: 6738

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

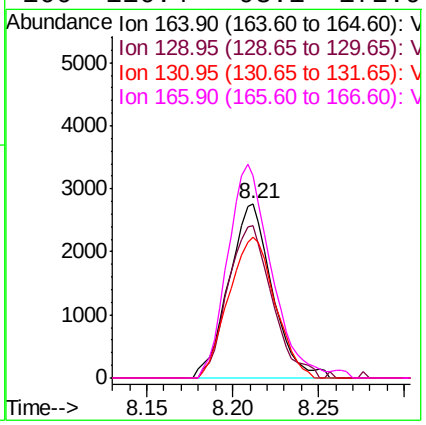


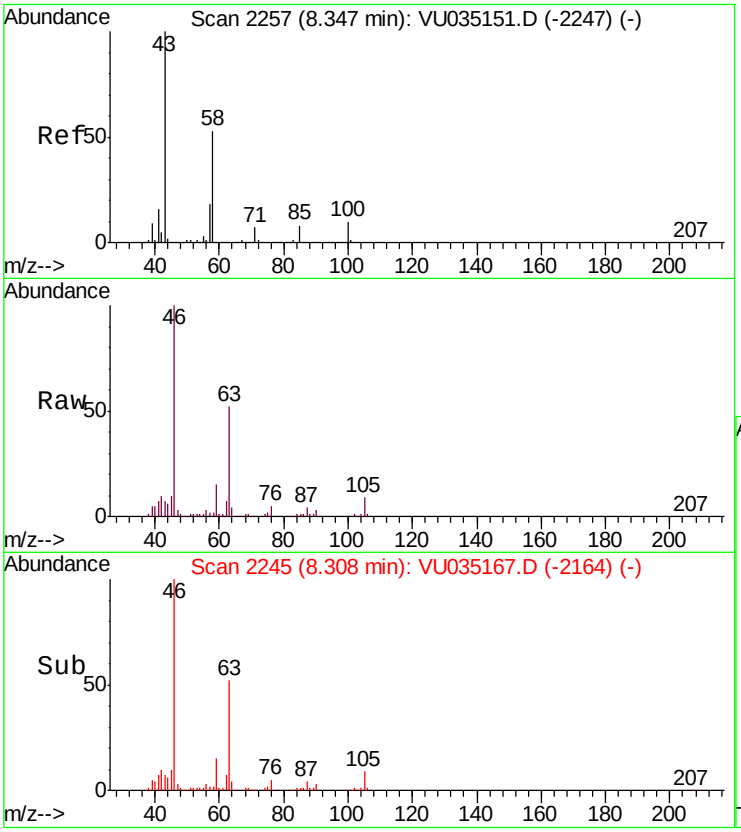


#47
Tetrachloroethene
Concen: 0.519 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Tgt Ion:164 Resp: 4839

Ion	Ratio	Lower	Upper
164	100		
129	87.3	68.5	127.1
131	80.9	67.3	124.9
166	116.4	93.1	172.9



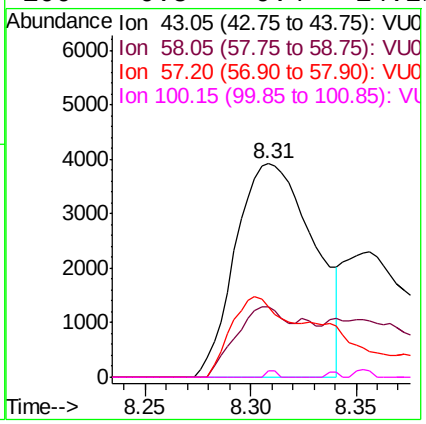


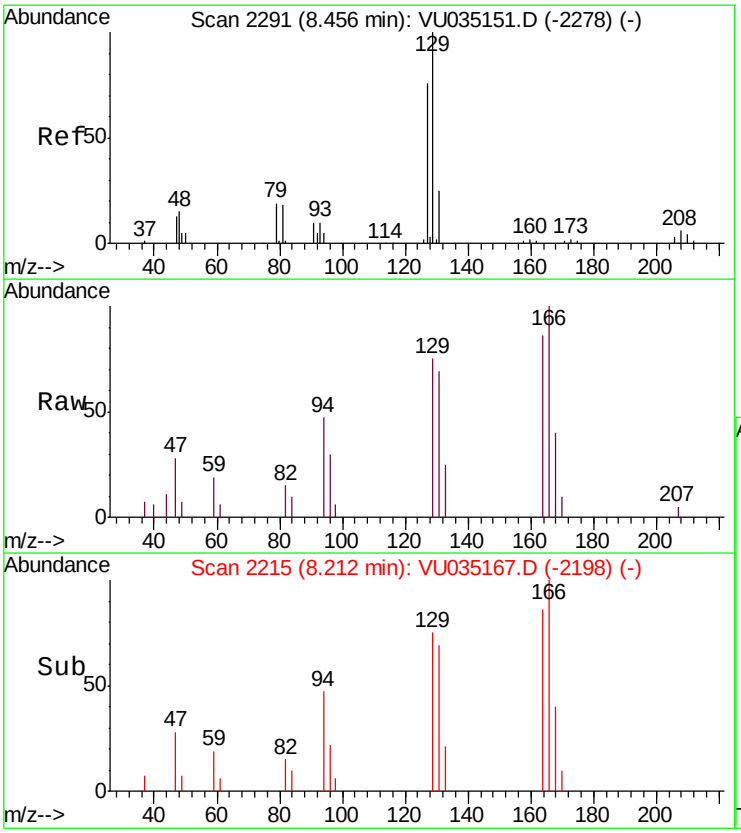
#48
2-Hexanone
Concen: 1.947 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.04 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Instrument : MSVOA_U
ClientSampleId : C0CE4

Tgt Ion: 43 Resp: 10117

Ion	Ratio	Lower	Upper
43	100		
58	20.8	44.1	66.1#
57	26.0	15.8	23.8#
100	0.5	9.4	14.2#

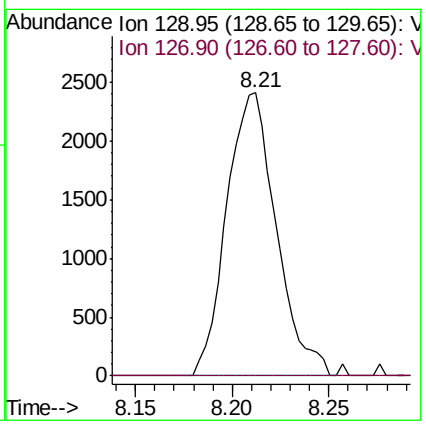


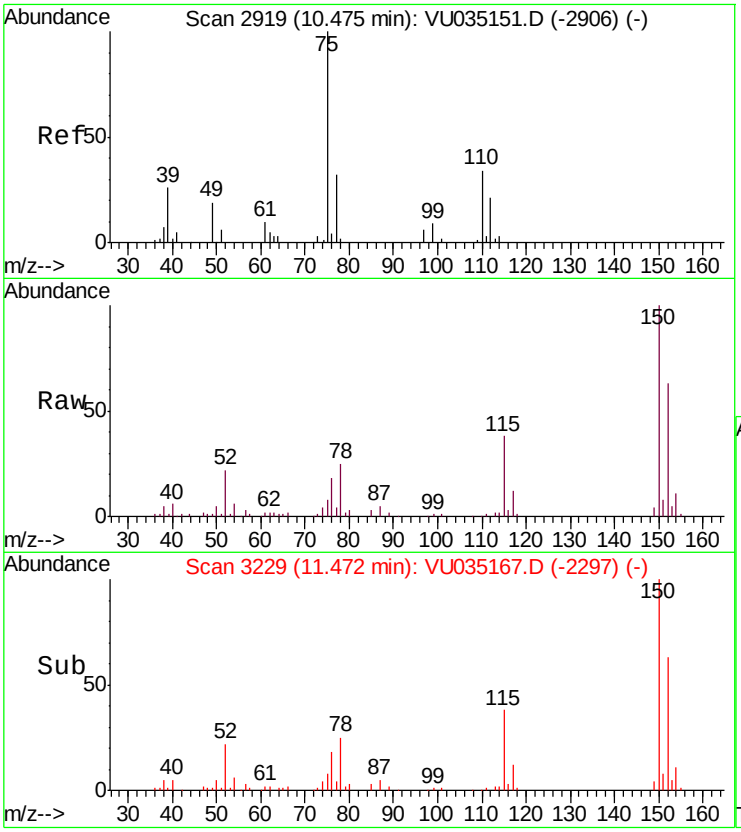


#49
Dibromochloromethane
Concen: 0.466 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. -0.24 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Tgt Ion:129 Resp: 4305

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 1.00 min
Lab File: VU035167.D
Acq: 14 Oct 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
C0CE4

Tgt Ion: 75 Resp: 6851

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.5	39.7