Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035113.D
Acq On : 12 Oct 2019 00:50
Operator : JC/SP
Sample : K5310-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-21D-001-01

Quant Time: Oct 12 02:50:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	157094	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	166645	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60414	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	49395	5.32	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%				
7) Chloroethane-d5	1.68	69	46278	5.34	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%				
11) 1,1-Dichloroethene-d2	2.26	63	70449	3.60	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.00%				
20) 2-Butanone-d5	4.17	46	134770	49.28	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.56%				
24) Chloroform-d	4.63	84	83584	4.81	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%				
26) 1,2-Dichloroethane-d4	5.29	65	51626	4.96	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%				
32) Benzene-d6	5.32	84	178421	4.57	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%				
36) 1,2-Dichloropropane-d6	6.31	67	62779	4.81	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%				
41) Toluene-d8	7.55	98	149557	3.96	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%				
43) trans-1,3-Dichloropropene-	7.84	79	18046	3.84	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%				
46) 2-Hexanone-d5	8.31	63	94060	42.07	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.14%				
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52437	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%				
64) 1,2-Dichlorobenzene-d4	11.85	152	51899	5.09	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	45749	2.957	ug/L		100
13) Acetone	2.31	43	6635	2.962	ug/L		96
17) Methyl tert-butyl Ether	2.99	73	58224	2.115	ug/L		97
18) trans-1,2-Dichloroethene	2.96	96	1634	0.151	ug/L		89
22) cis-1,2-Dichloroethene	4.20	96	228750	18.980	ug/L		86
25) Chloroform	4.65	83	8676	0.360	ug/L		96
34) Trichloroethene	6.16	95	40238	3.108	ug/L		98
35) Methylcyclohexane	6.31	83	13483	0.643	ug/L	#	19
37) 1,2-Dichloropropane	6.31	63	6999	0.517	ug/L	#	88
47) Tetrachloroethene	8.21	164	3309	0.316	ug/L		96
48) 2-Hexanone	8.31	43	11281	1.931	ug/L	#	57
49) Dibromochloromethane	8.21	129	3059	0.294	ug/L	#	12
59) 1,2,3-Trichloropropane	11.47	75	7818	0.892	ug/L		94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035113.D
Acq On : 12 Oct 2019 00:50
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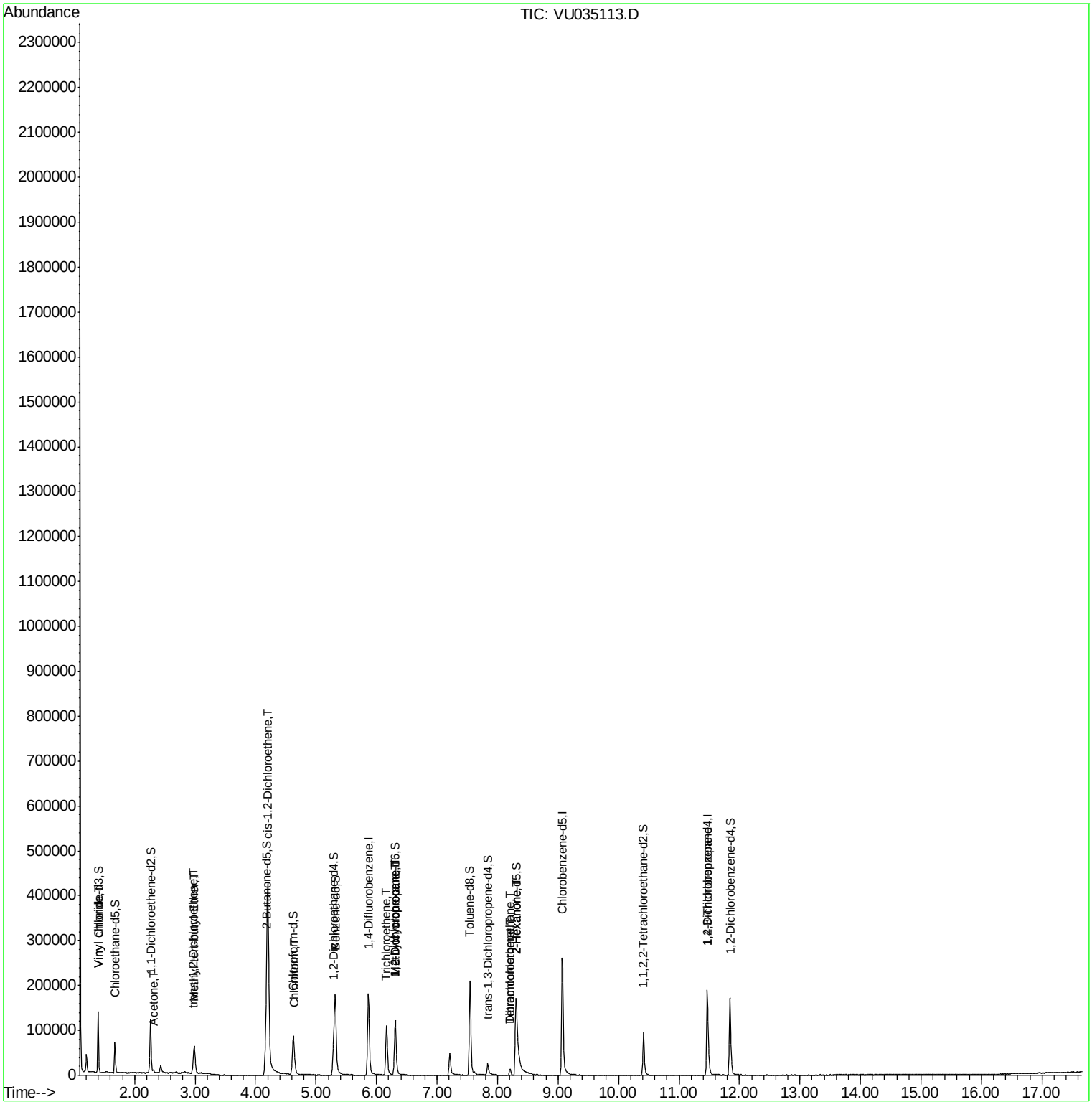
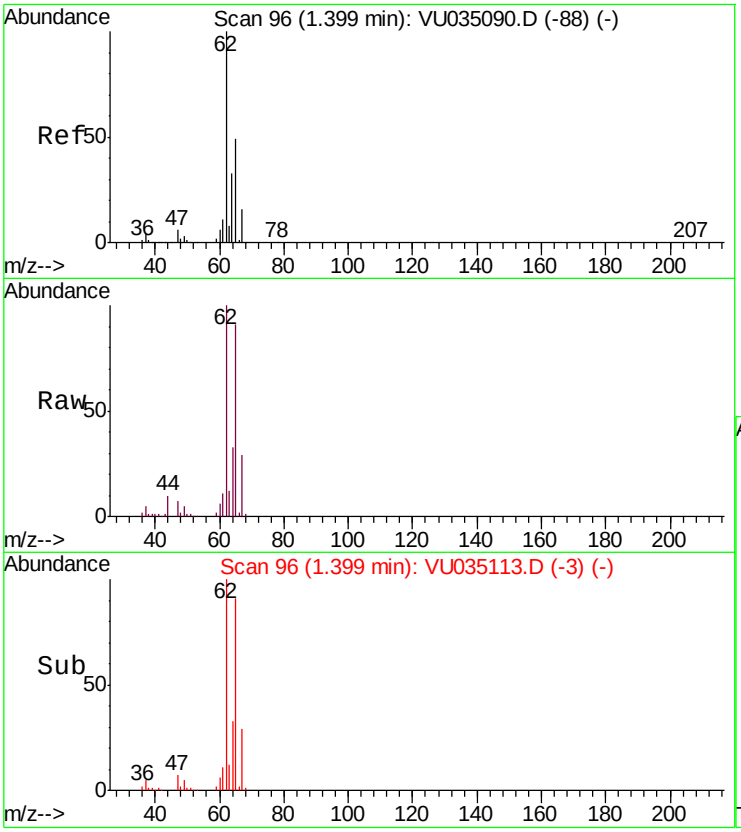
Sample : K5310-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Quant Time: Oct 12 02:50:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration



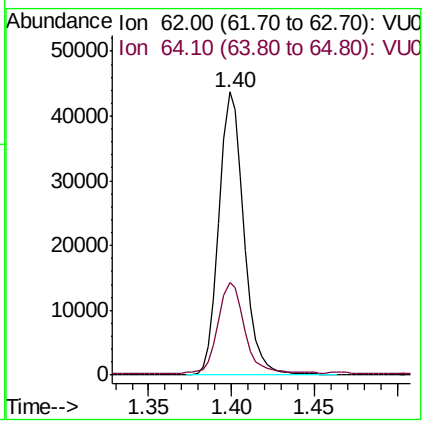


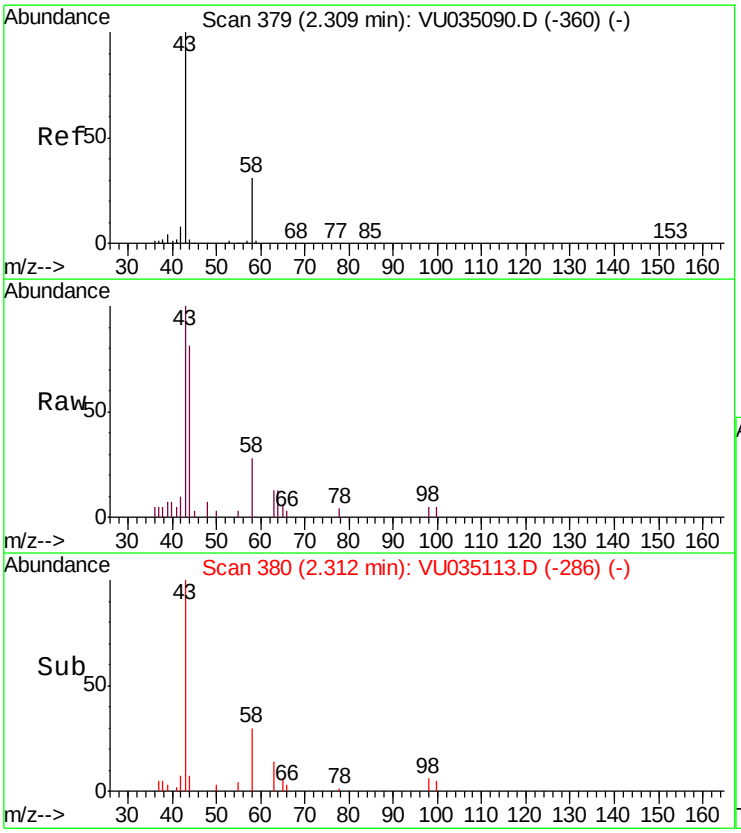
#5
Vinyl chloride
Concen: 2.957 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument : MSVOA_U
ClientSampleId : MW-21D-001-01

Tgt Ion: 62 Resp: 45749

Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.8	42.4

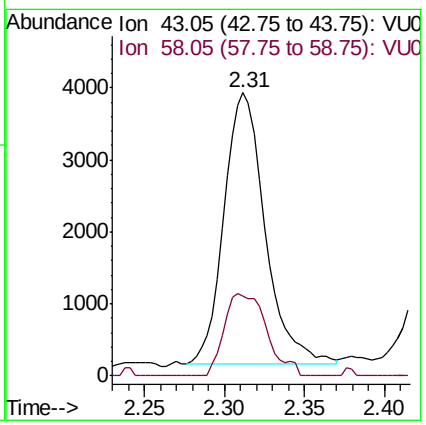


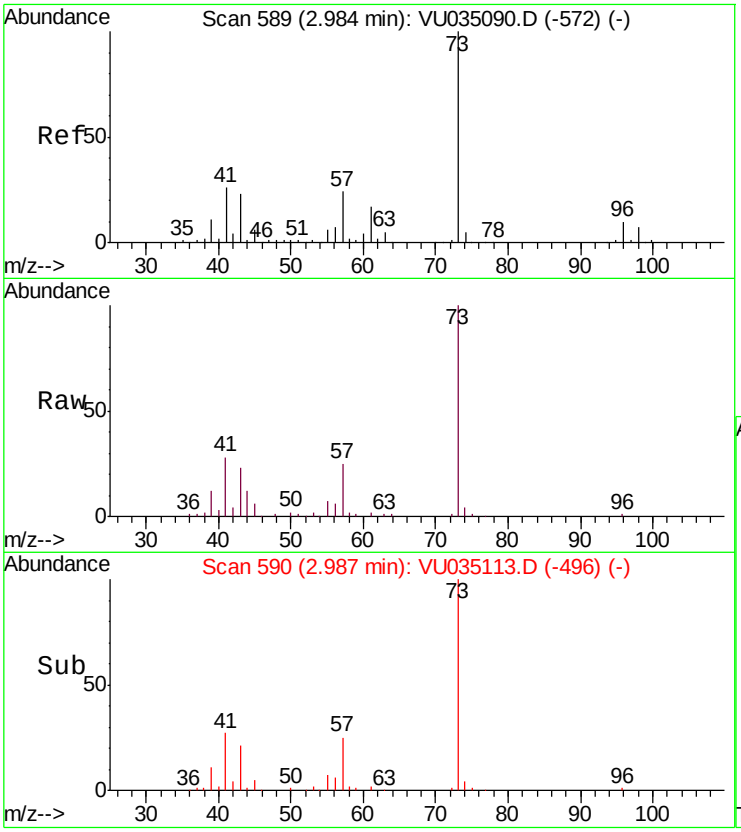


#13
Acetone
Concen: 2.962 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion: 43 Resp: 6635

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	66.6



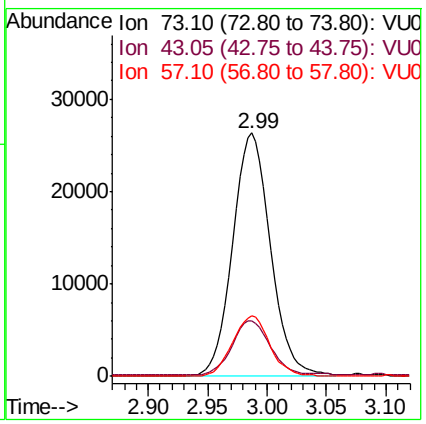


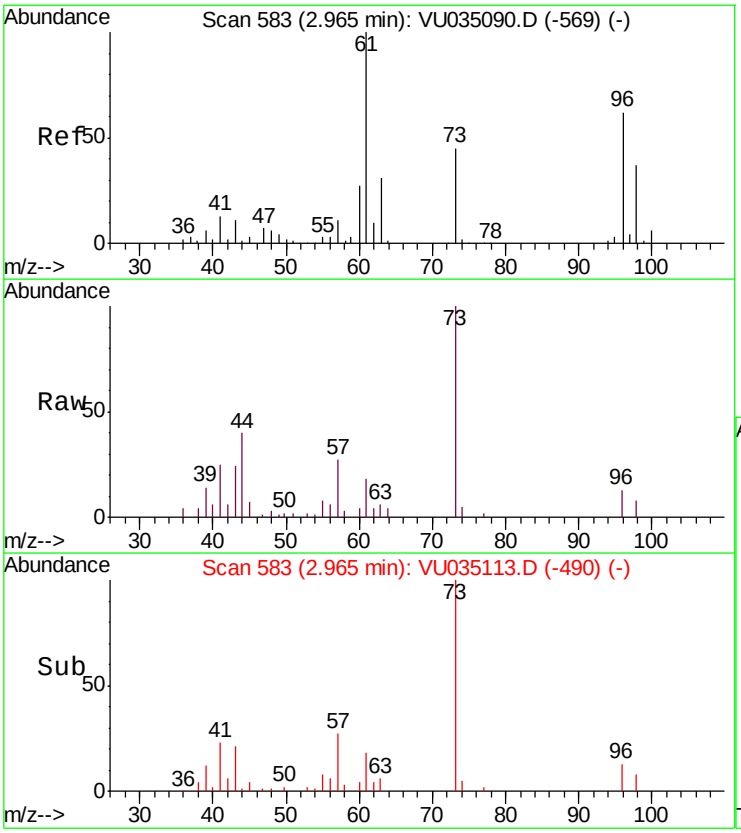
#17
Methyl tert-butyl Ether
Concen: 2.115 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Tgt Ion: 73 Resp: 58224

Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.3	24.5
57	24.2	18.6	28.0

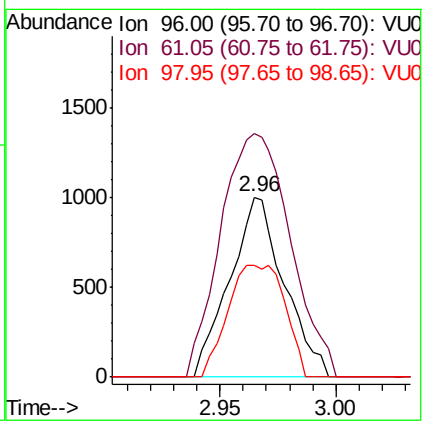


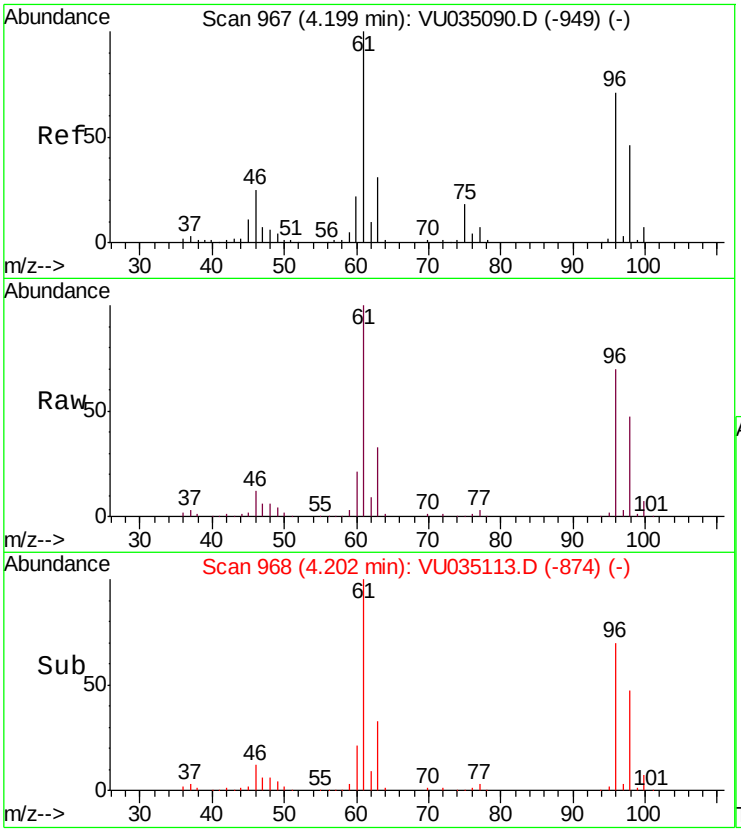


#18
trans-1,2-Dichloroethene
Concen: 0.151 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion: 96 Resp: 1634

Ion	Ratio	Lower	Upper
96	100		
61	135.4	107.1	198.9
98	61.9	45.4	84.4



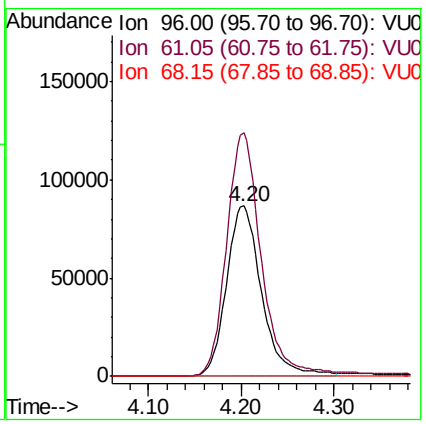


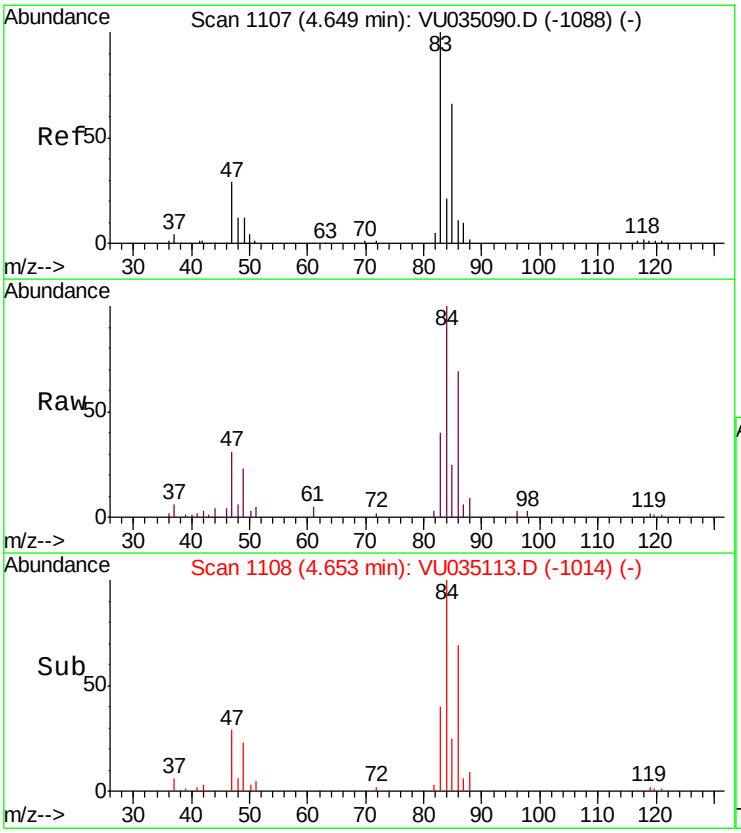
#22
cis-1,2-Dichloroethene
Concen: 18.980 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Tgt Ion: 96 Resp: 228750

Ion	Ratio	Lower	Upper
96	100		
61	143.2	89.2	165.6
68	0.0	0.0	0.0

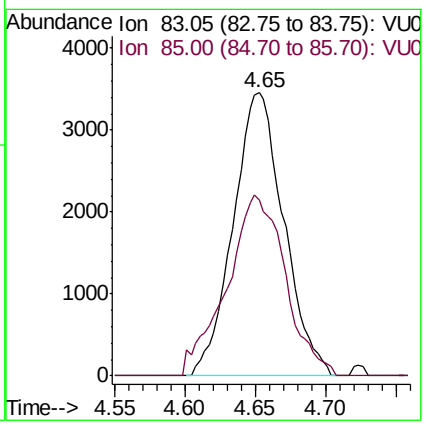


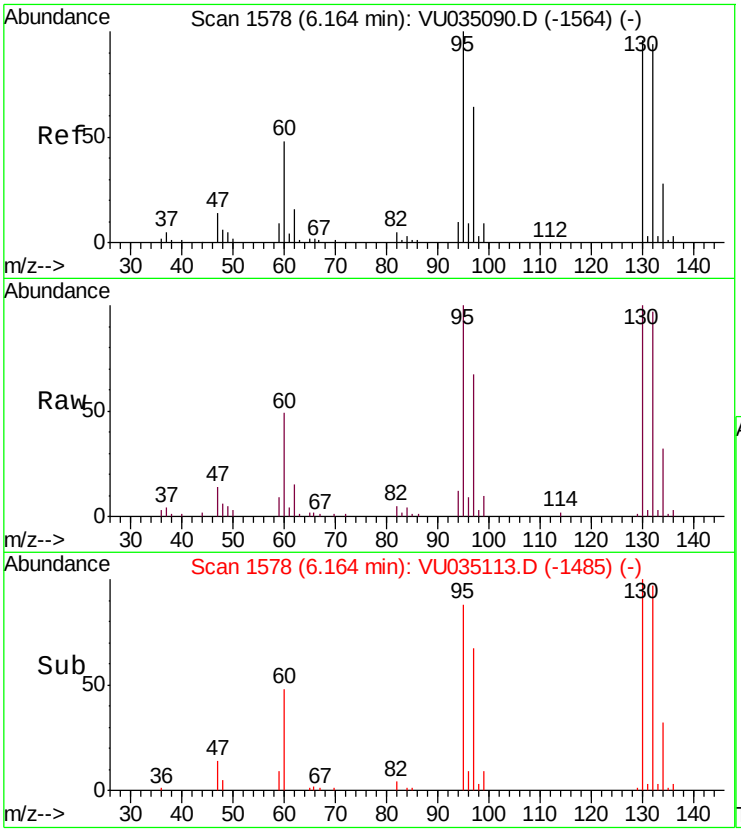


#25
Chloroform
Concen: 0.360 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion: 83 Resp: 8676

Ion	Ratio	Lower	Upper
83	100		
85	62.1	45.4	84.4



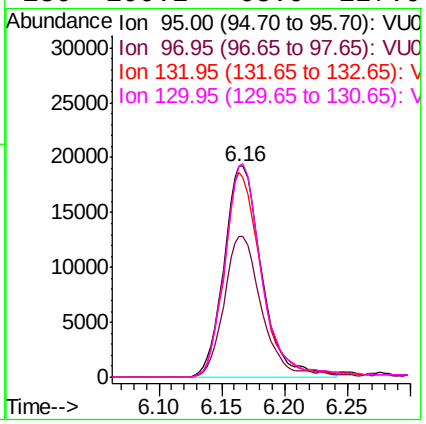


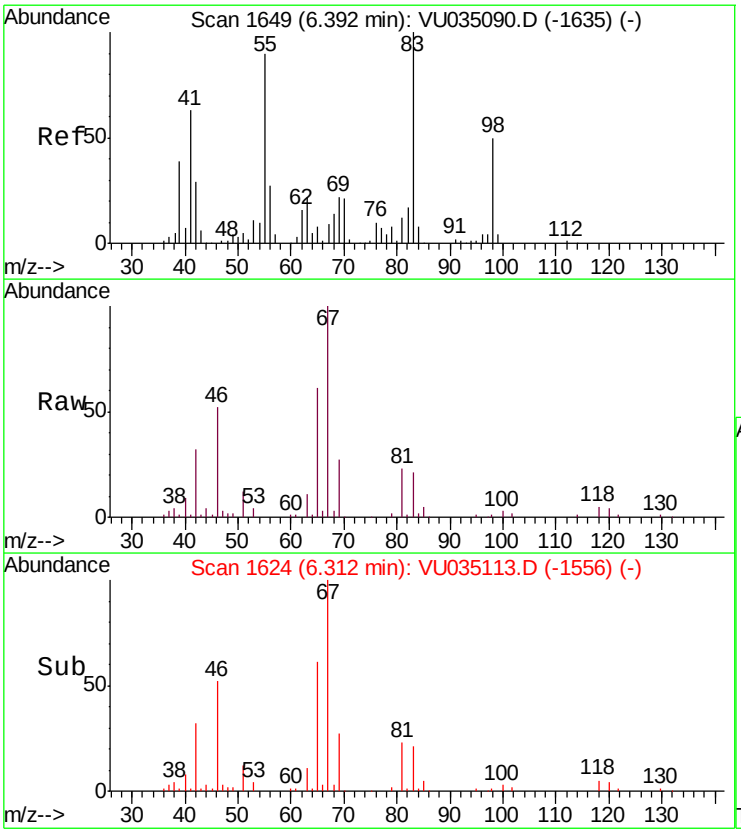
#34
Trichloroethene
Concen: 3.108 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Tgt Ion: 95 Resp: 40238

Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.5	82.7
132	97.2	66.6	123.8
130	100.2	68.9	127.9

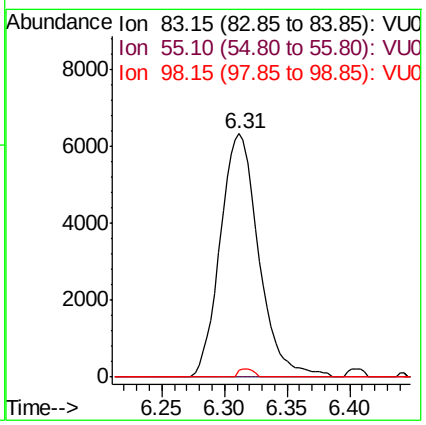


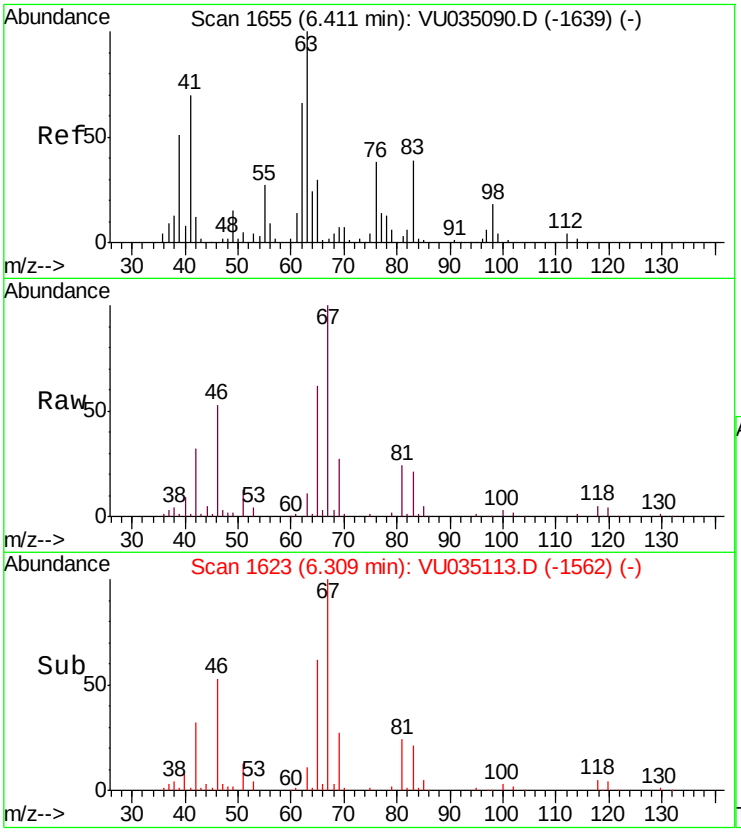


#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion: 83 Resp: 13483

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.3	36.2	54.2#



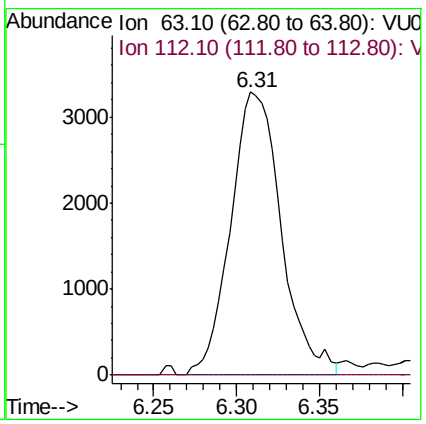


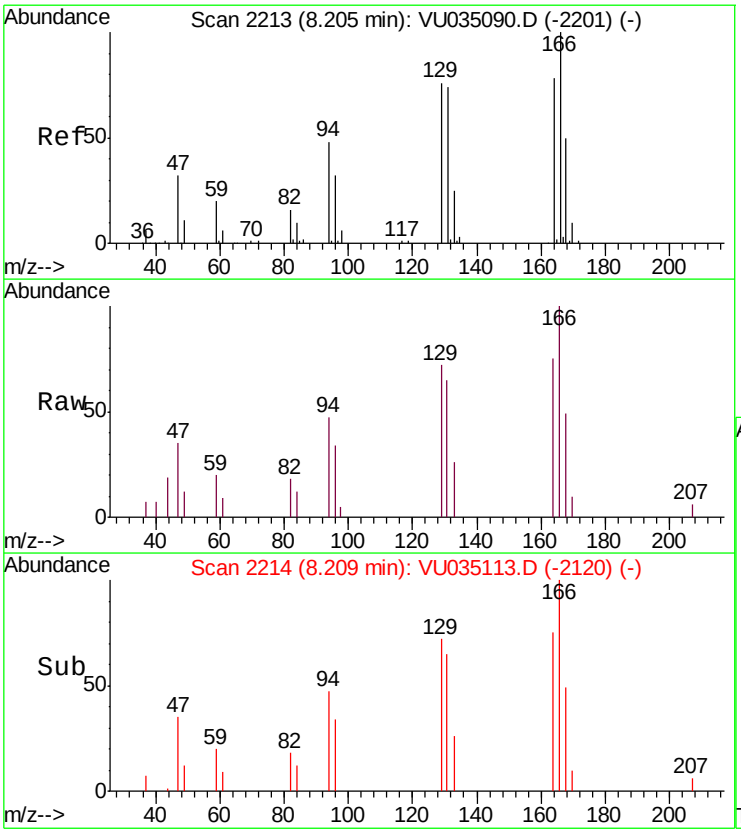
#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument : MSVOA_U
ClientSampleId : MW-21D-001-01

Tgt Ion: 63 Resp: 6999

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

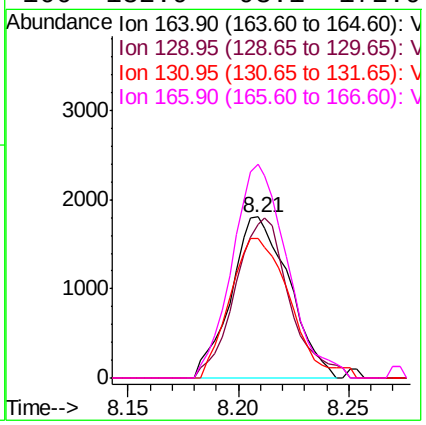


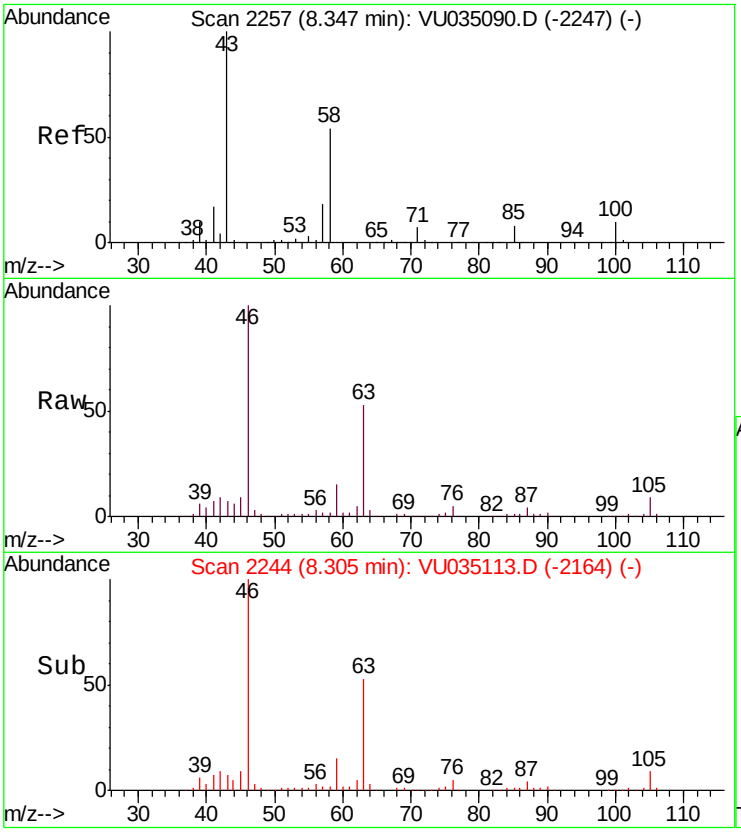


#47
Tetrachloroethene
Concen: 0.316 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion:164 Resp: 3309

Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.5	127.1
131	86.9	67.3	124.9
166	132.9	93.1	172.9



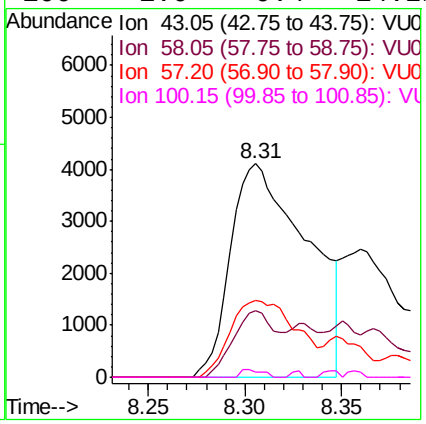


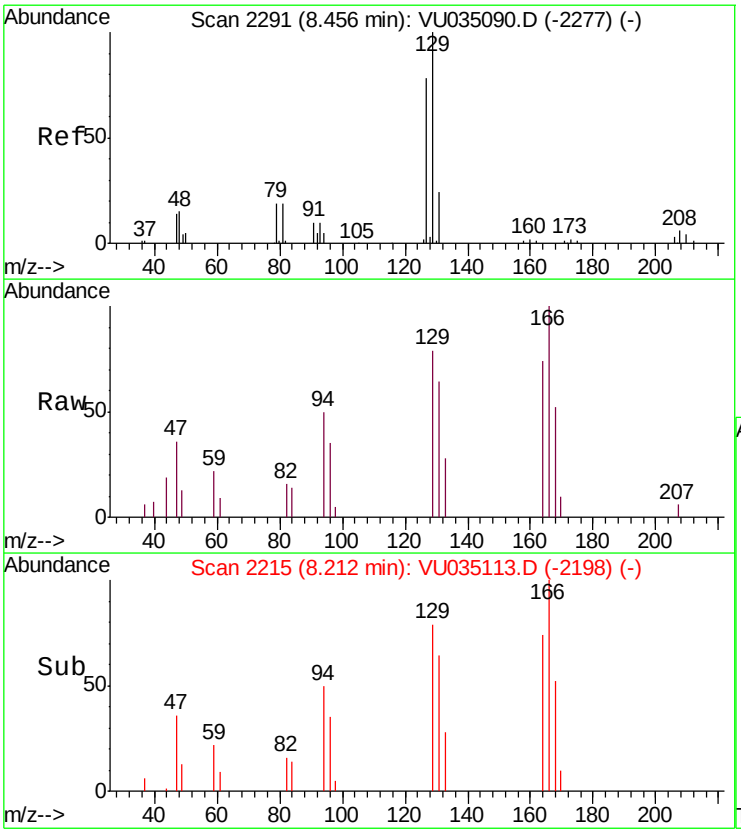
#48
2-Hexanone
Concen: 1.931 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument : MSVOA_U
ClientSampleId : MW-21D-001-01

Tgt Ion: 43 Resp: 11281

Ion	Ratio	Lower	Upper
43	100		
58	16.8	44.1	66.1#
57	31.3	15.8	23.8#
100	1.0	9.4	14.2#

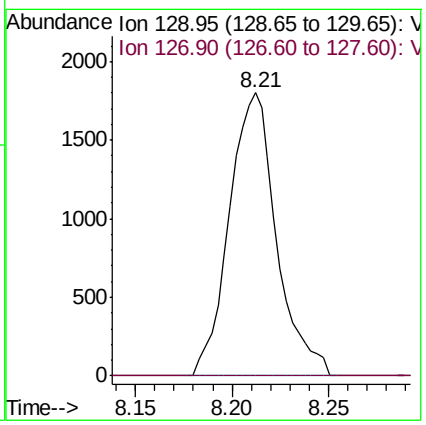


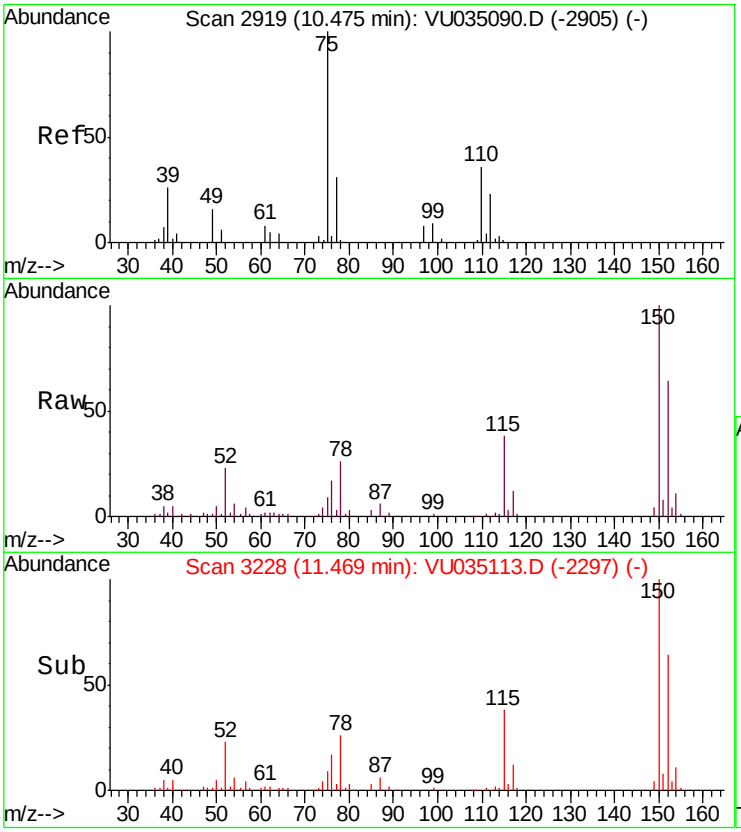


#49
Dibromochloromethane
Concen: 0.294 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. -0.24 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Tgt Ion:129 Resp: 3059

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.892 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035113.D
Acq: 12 Oct 2019 00:50

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Tgt Ion: 75 Resp: 7818

Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.5	39.7