Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

Quantitation Report (Not Reviewed)

Data File : VU031946.D
Acq On : 12 May 2019 16:26
Operator : JC/SP
Sample : K2791-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D48

Quant Time: May 13 07:04:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177345	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	119014	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.68	69	121027	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.27	63	184840	2.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.00%#			
20) 2-Butanone-d5	4.20	46	505867	40.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.12%			
24) Chloroform-d	4.64	84	275065	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.31	65	157086	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
32) Benzene-d6	5.33	84	513463	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.32	67	180583	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.00%			
41) Toluene-d8	7.56	98	383266	3.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.00%			
43) trans-1,3-Dichloropropene-	7.85	79	51797	3.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.60%			
46) 2-Hexanone-d5	8.31	63	349748	43.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159128	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	144037	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
8) Chloroethane	1.67	64	2687	0.086	ug/L #	60
13) Acetone	2.33	43	127346	14.766	ug/L	85
14) Carbon disulfide	2.48	76	21981	0.194	ug/L	96
15) Methyl Acetate	2.51	43	28690	1.289	ug/L #	59
22) cis-1,2-Dichloroethene	4.22	96	40489	0.970	ug/L	72
34) Trichloroethene	6.18	95	14643	0.342	ug/L	88
35) Methylcyclohexane	6.33	83	40821	0.665	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20727	0.427	ug/L #	92
47) Tetrachloroethene	8.22	164	102814	3.698	ug/L	97
48) 2-Hexanone	8.37	43	23495	1.012	ug/L #	71
49) Dibromochloromethane	8.22	129	102745	3.072	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	23321	0.812	ug/L	94

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

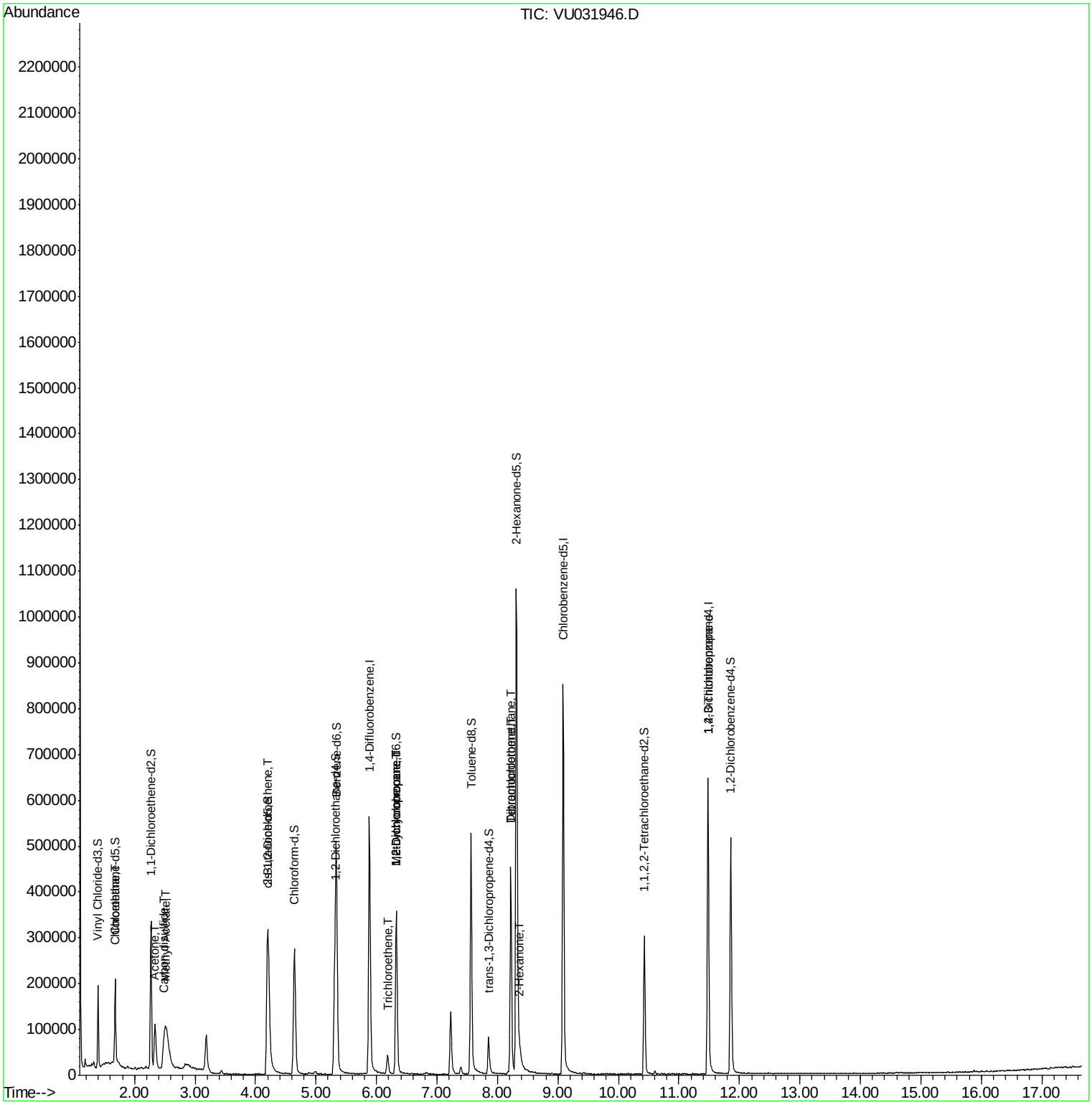
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

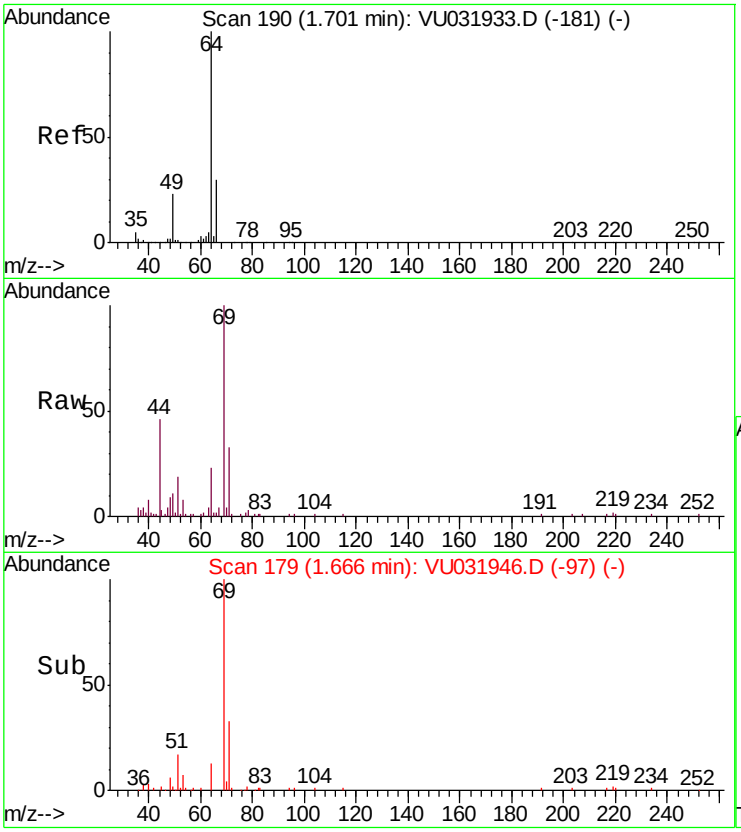
Quantitation Report (Not Reviewed)

Data File : VU031946.D
Acq On : 12 May 2019 16:26
Operator : JC/SP
Sample : K2791-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D48

Quant Time: May 13 07:04:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration



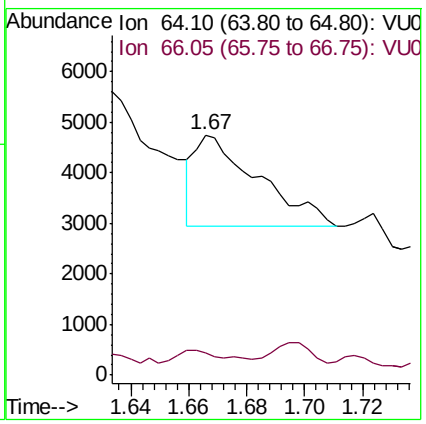


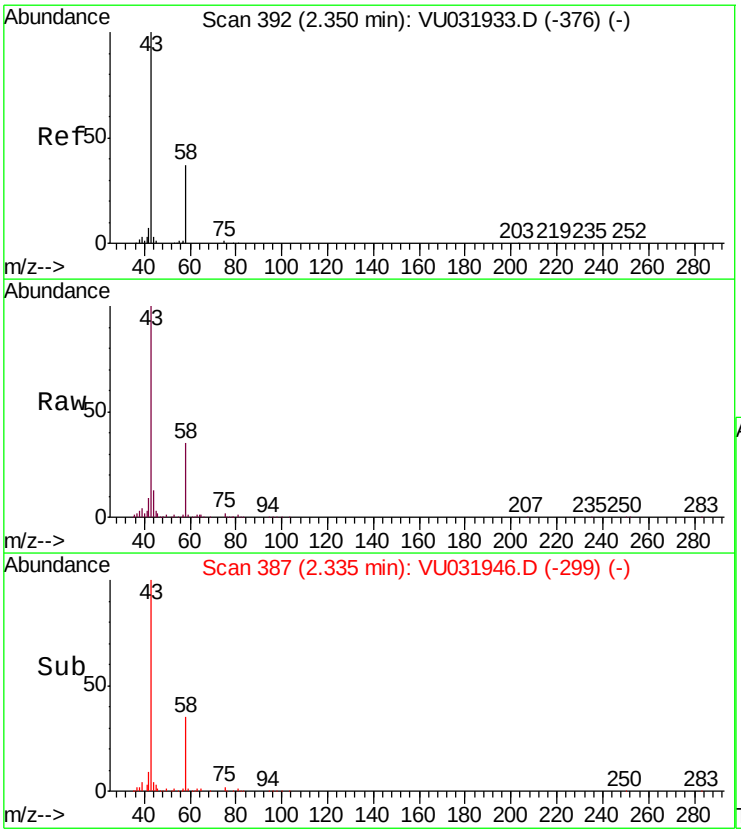
#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.67 min Scan# 179
Delta R.T. -0.04 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument : MSVOA_U
ClientSampleId : F9D48

Tgt Ion: 64 Resp: 2687

Ion	Ratio	Lower	Upper
64	100		
66	9.2	21.9	40.7#

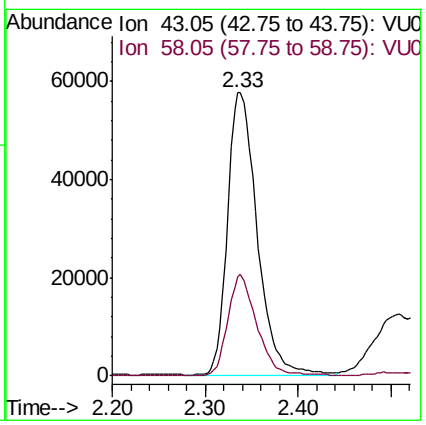


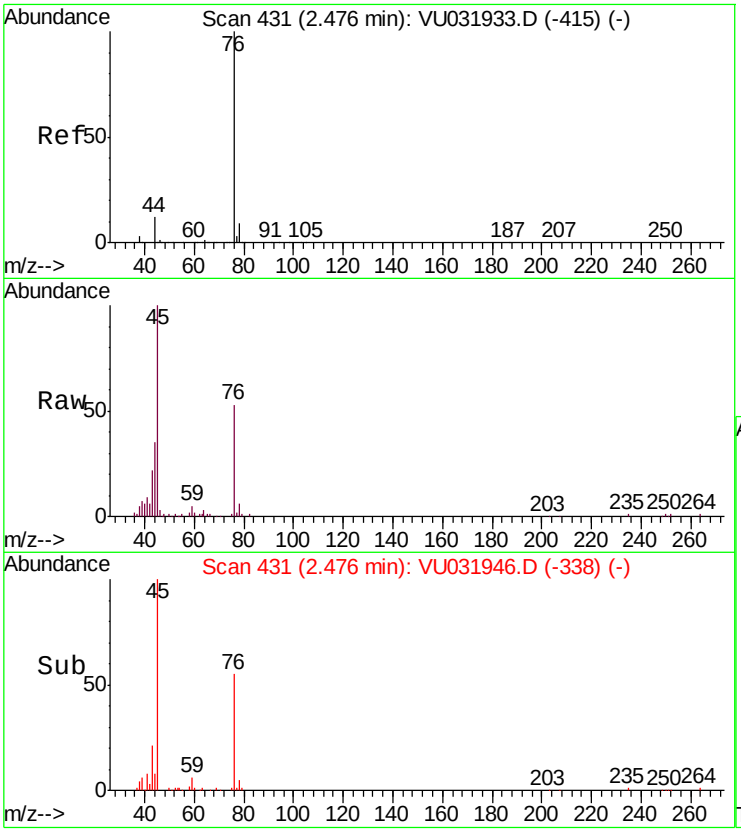


#13
Acetone
Concen: 14.766 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.02 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 43 Resp: 127346

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	53.6



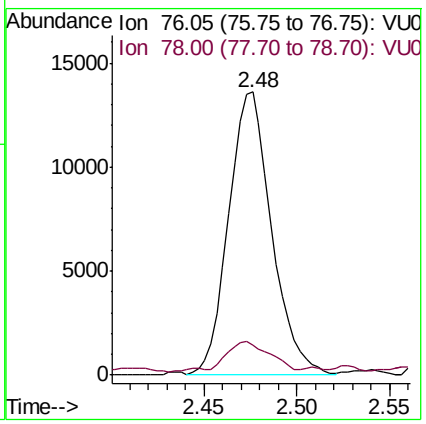


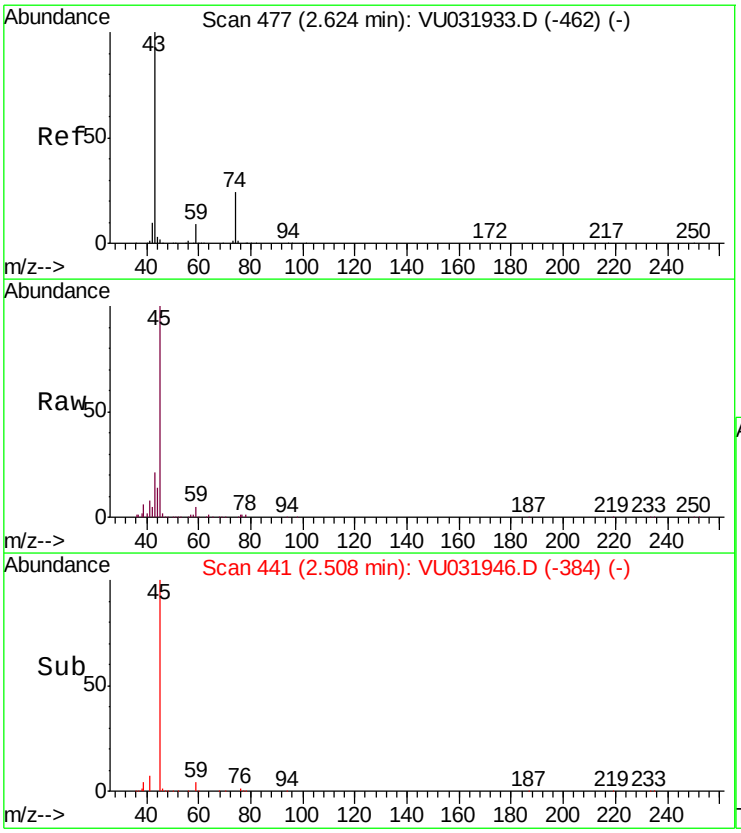
#14
Carbon disulfide
Concen: 0.194 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument :
MSVOA_U
ClientSampleId :
F9D48

Tgt Ion: 76 Resp: 21981

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.5	11.3

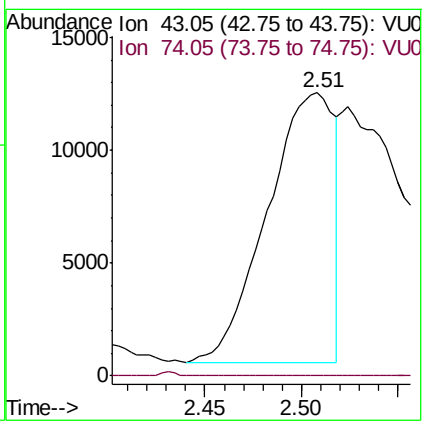


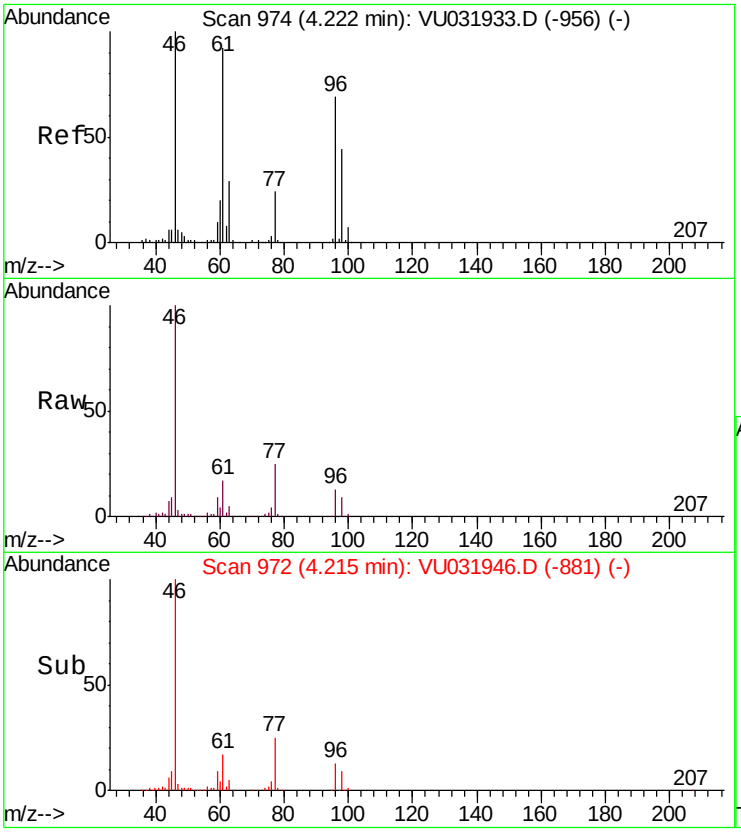


#15
Methyl Acetate
Concen: 1.289 ug/L
RT: 2.51 min Scan# 441
Delta R.T. -0.12 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 43 Resp: 28690

Ion	Ratio	Lower	Upper
43	100		
74	0.3	14.7	22.1#



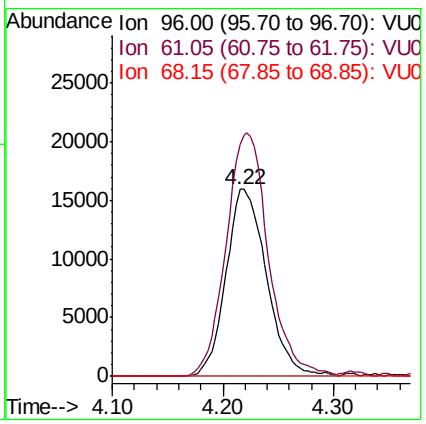


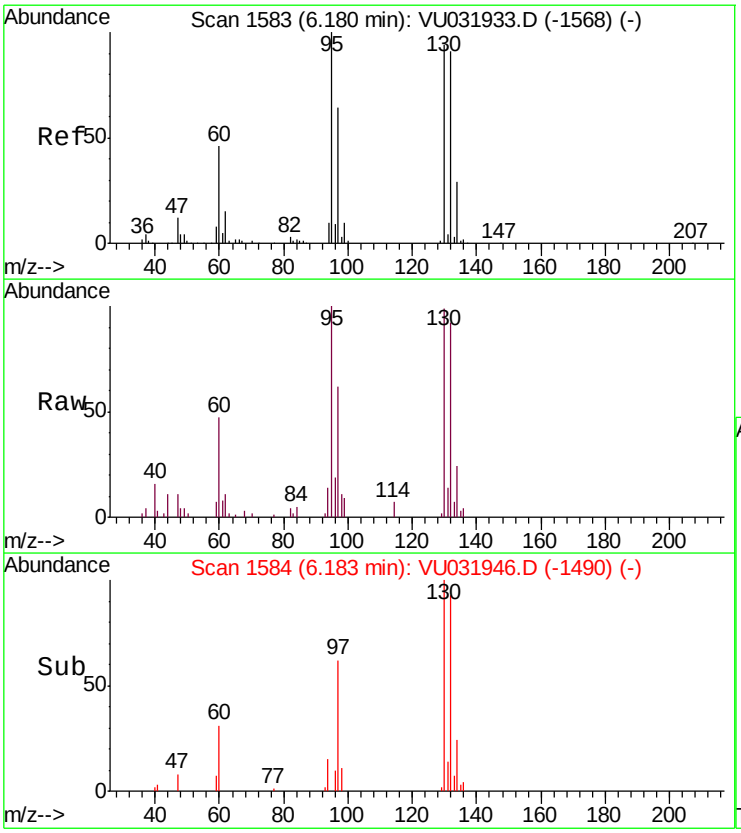
#22
cis-1,2-Dichloroethene
Concen: 0.970 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.01 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument :
MSVOA_U
ClientSampleId :
F9D48

Tgt Ion: 96 Resp: 40489

Ion	Ratio	Lower	Upper
96	100		
61	124.3	113.3	210.5
68	0.0	0.0	0.0

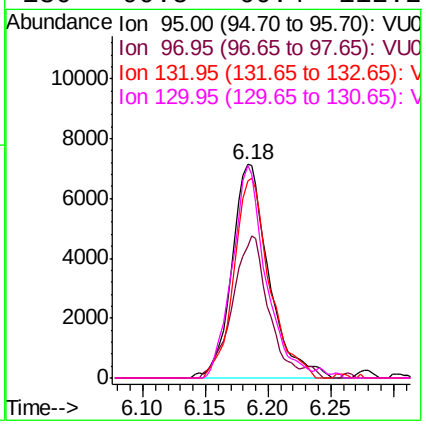


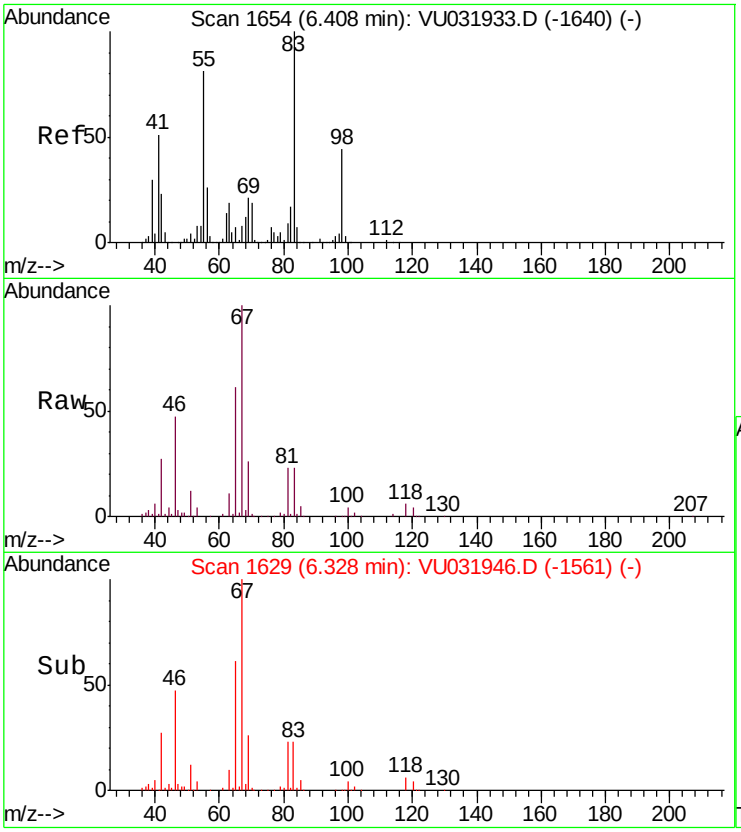


#34
Trichloroethene
Concen: 0.342 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 95 Resp: 14643

Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.8	85.2
132	92.4	56.0	104.0
130	99.5	60.4	112.2



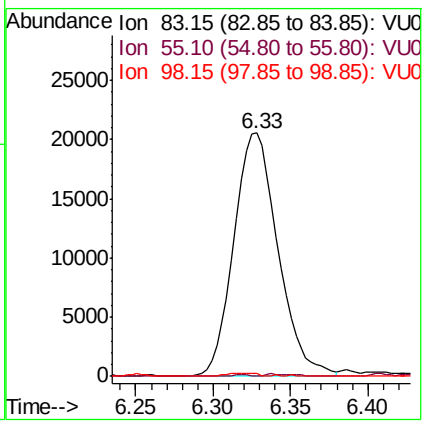


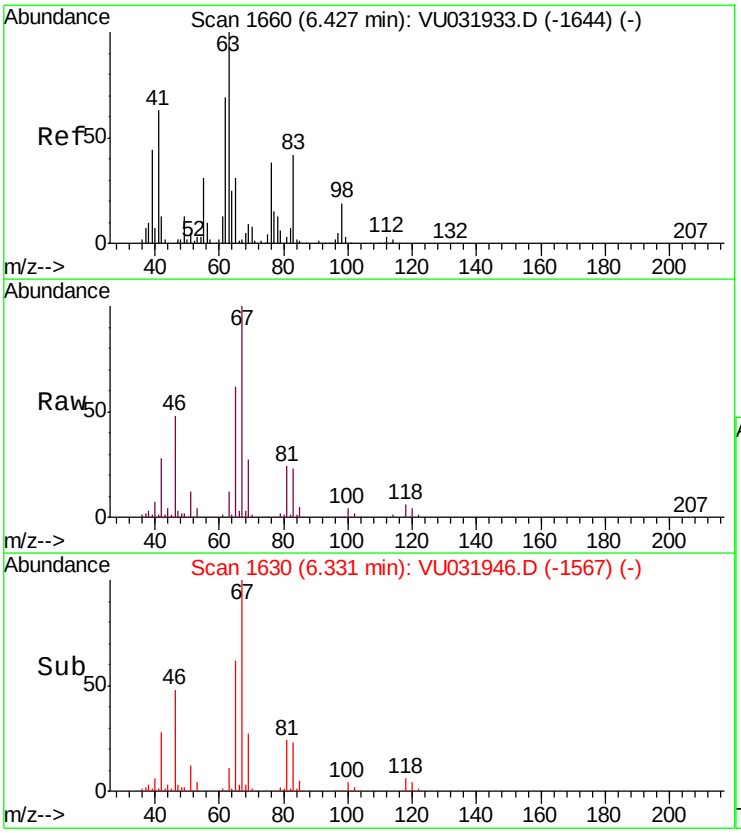
#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument : MSVOA_U
ClientSampleId : F9D48

Tgt Ion: 83 Resp: 40821

Ion	Ratio	Lower	Upper
83	100		
55	0.4	79.2	118.8#
98	0.0	34.0	51.0#

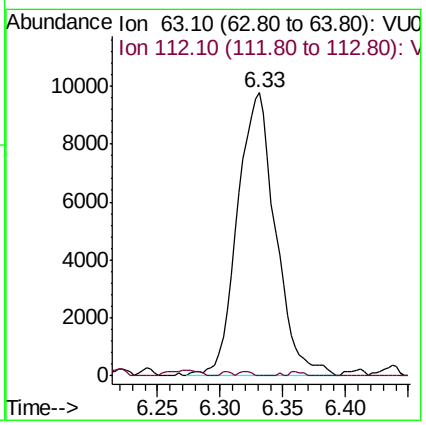


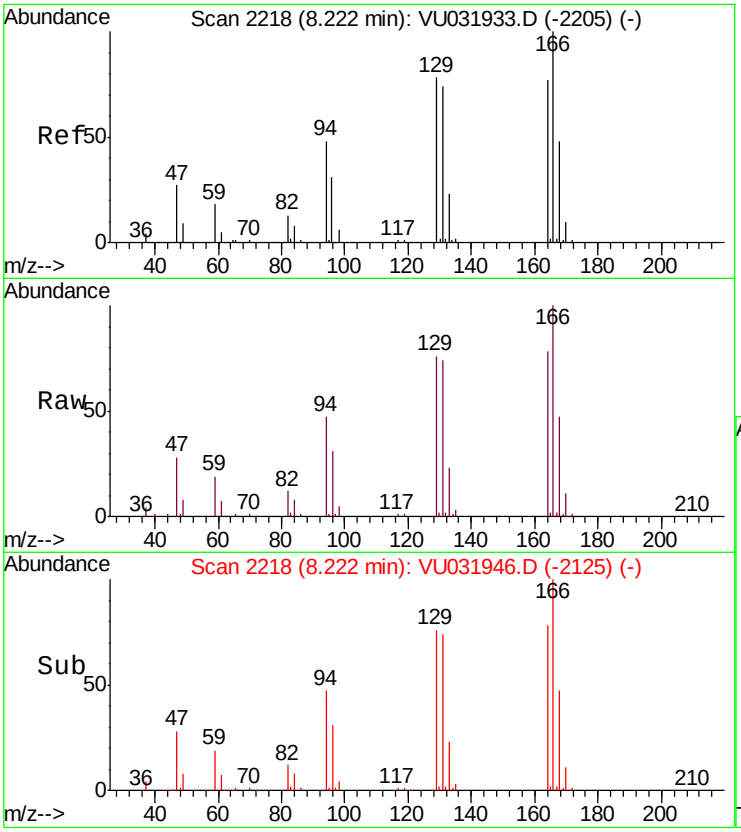


#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 63 Resp: 20727

Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.5	3.7#



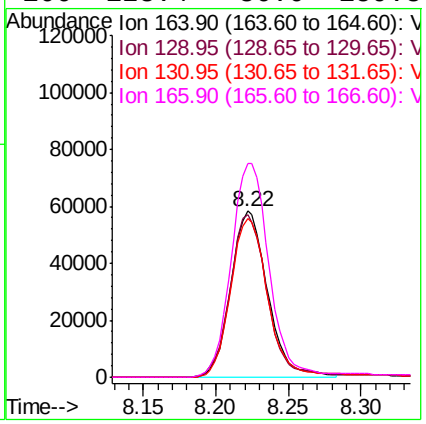


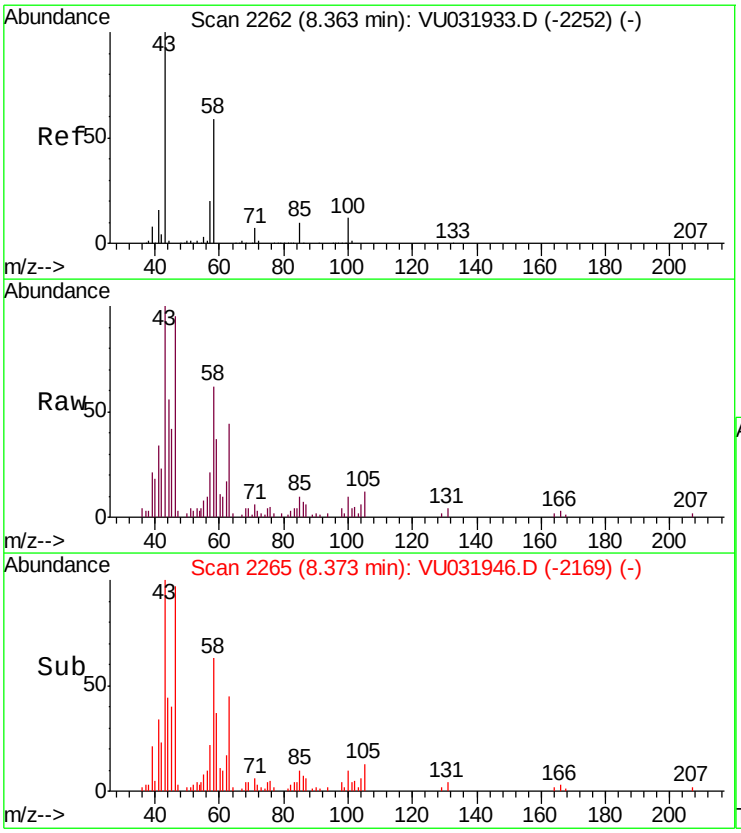
#47
Tetrachloroethene
Concen: 3.698 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument : MSVOA_U
ClientSampleId : F9D48

Tgt Ion:164 Resp: 102814

Ion	Ratio	Lower	Upper
164	100		
129	98.0	70.3	130.5
131	95.1	65.4	121.4
166	128.4	86.0	159.8

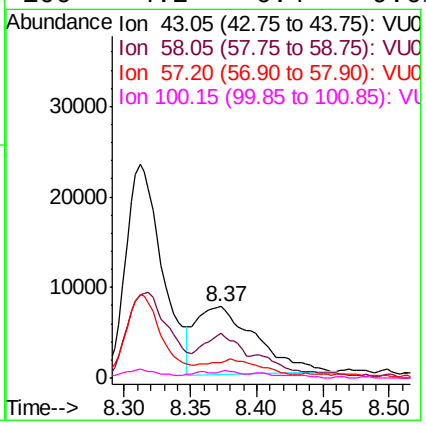


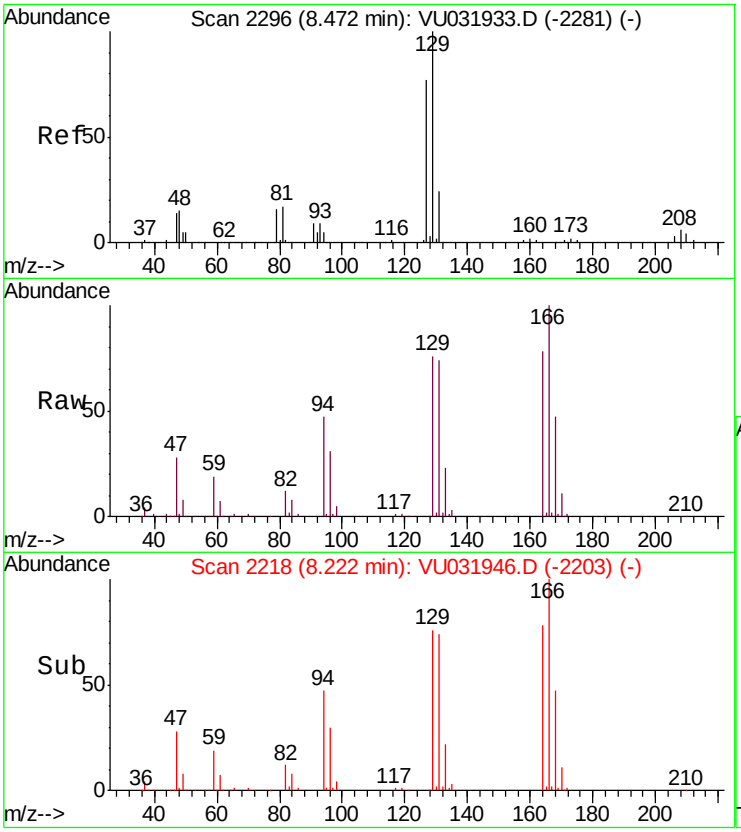


#48
2-Hexanone
Concen: 1.012 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 43 Resp: 23495

Ion	Ratio	Lower	Upper
43	100		
58	21.6	40.2	60.2#
57	18.5	13.8	20.6
100	4.2	6.4	9.6#



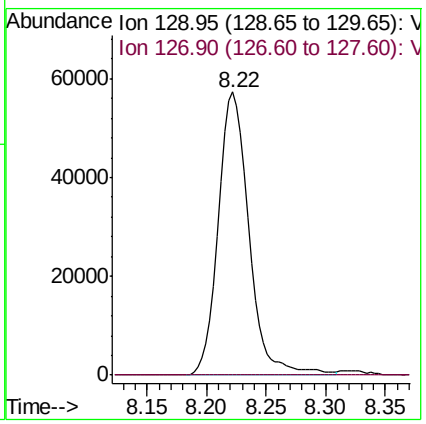


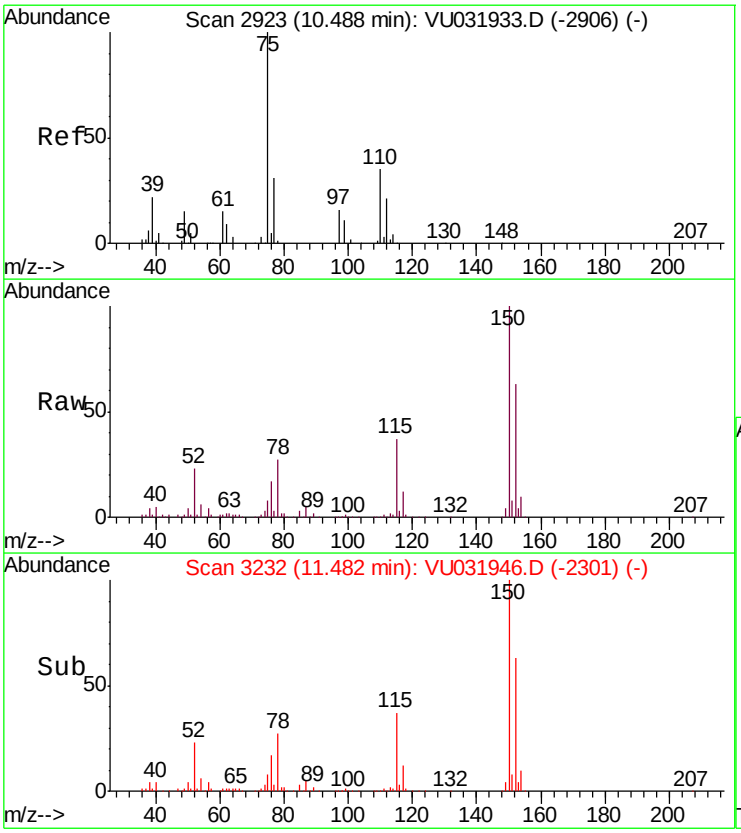
#49
Dibromochloromethane
Concen: 3.072 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument : MSVOA_U
ClientSampleId : F9D48

Tgt Ion:129 Resp: 102745

Ion	Ratio	Lower	Upper
129	100		
127	0.4	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.812 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 75 Resp: 23321

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.3	39.5