Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

Quantitation Report (Not Reviewed)

Data File : VU036289.D
Acq On : 19 Dec 2019 17:46
Operator : JC/MD
Sample : K6282-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4

Quant Time: Dec 20 03:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88869	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	113147	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.93	69	101260	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.60	63	114034	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.68	46	171990	40.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.04%			
24) Chloroform-d	5.11	84	157917	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.75	65	84770	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.77	84	310722	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.73	67	103002	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.93	98	261222	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloropropene-	8.21	79	36704	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.00%			
46) 2-Hexanone-d5	8.68	63	157522	44.90	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.80%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87871	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	81476	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.16	101	5743	0.133	ug/L	98
12) 1,1-Dichloroethene	2.61	96	6470	0.339	ug/L #	1
13) Acetone	2.66	43	10836	2.929	ug/L	98
14) Carbon disulfide	2.83	76	8484	0.132	ug/L #	93
15) Methyl Acetate	2.99	43	7556	1.011	ug/L #	52
17) Methyl tert-butyl Ether	3.41	73	19512	0.477	ug/L #	1
18) trans-1,2-Dichloroethene	3.40	96	2779	0.139	ug/L	82
22) cis-1,2-Dichloroethene	4.72	96	60678	2.830	ug/L	100
33) Benzene	5.82	78	9236	0.107	ug/L	100
34) Trichloroethene	6.58	95	752948	33.754	ug/L	98
35) Methylcyclohexane	6.73	83	24720	0.779	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10835	0.491	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2456	0.082	ug/L #	50
42) Toluene	8.01	91	8881	0.096	ug/L	88
47) Tetrachloroethene	8.58	164	2511	0.125	ug/L	83
48) 2-Hexanone	8.68	43	23292	2.703	ug/L #	64
49) Dibromochloromethane	8.58	129	2326	0.114	ug/L #	12

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

Quantitation Report (Not Reviewed)

Data File : VU036289.D
Acq On : 19 Dec 2019 17:46
Operator : JC/MD
Sample : K6282-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4

Quant Time: Dec 20 03:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.84	75	9514	0.648	ug/L #	81

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

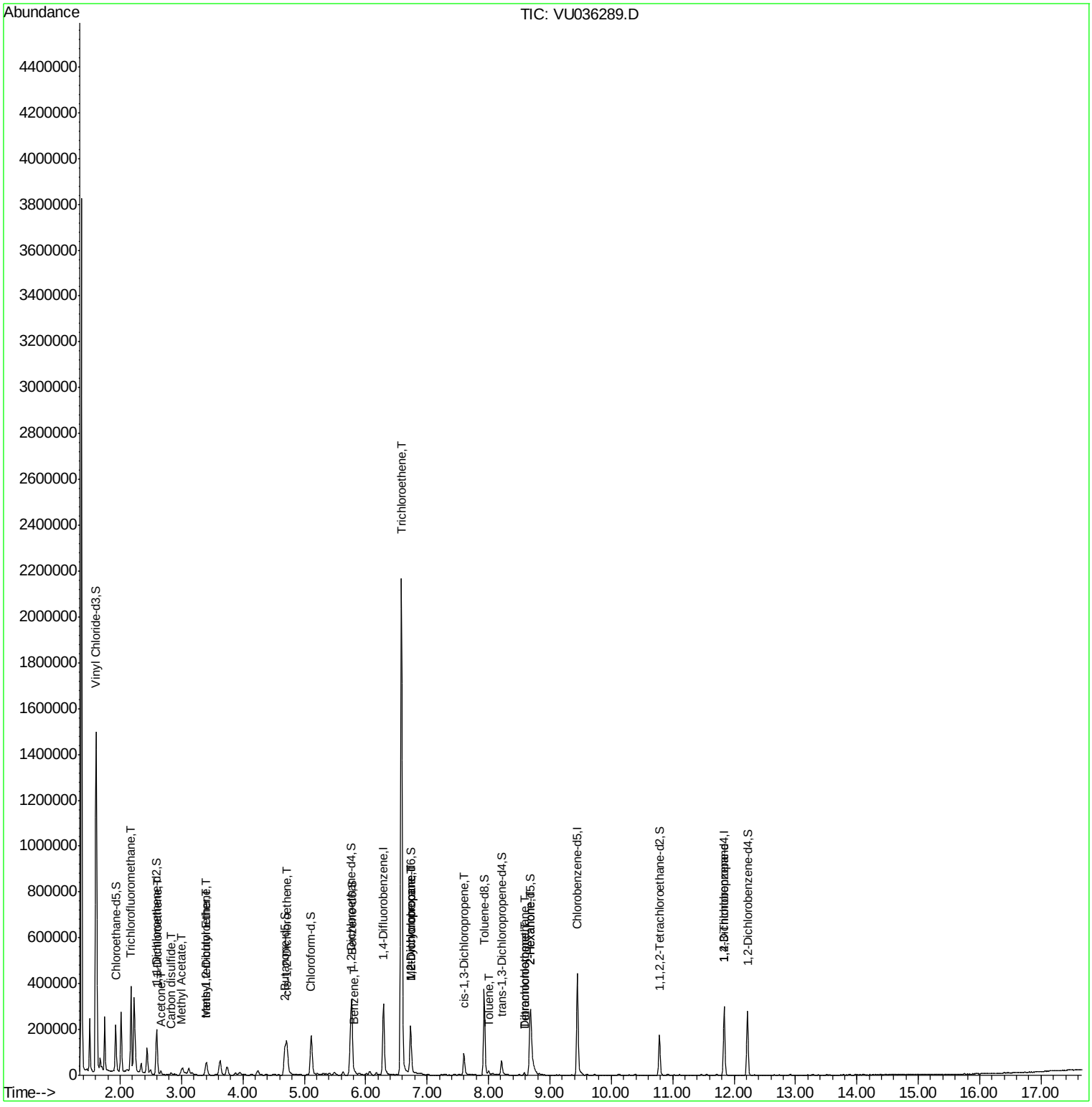
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

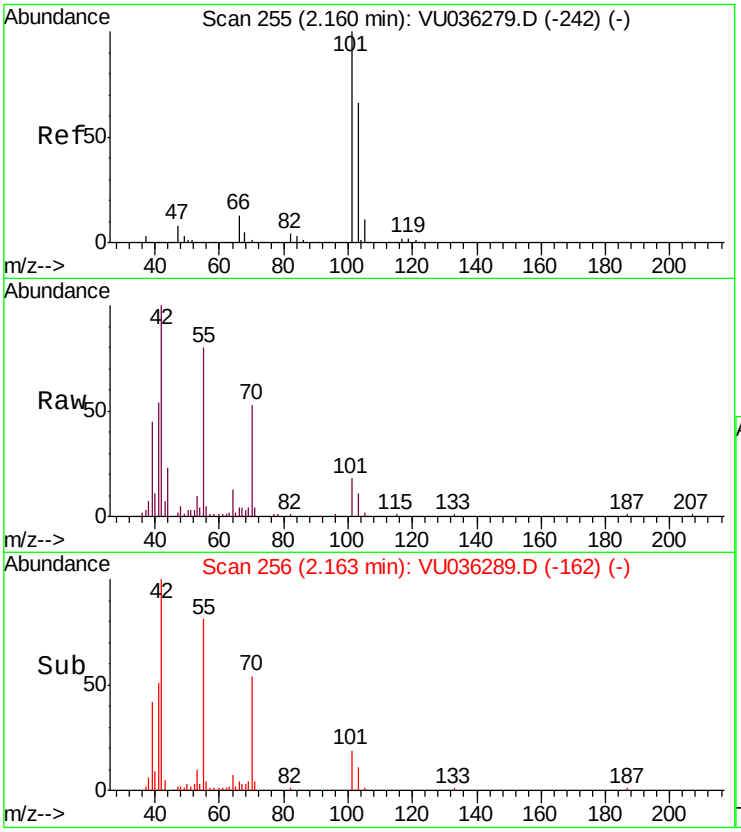
Quantitation Report (Not Reviewed)

Data File : VU036289.D
Acq On : 19 Dec 2019 17:46
Operator : JC/MD
Sample : K6282-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Quant Time: Dec 20 03:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration



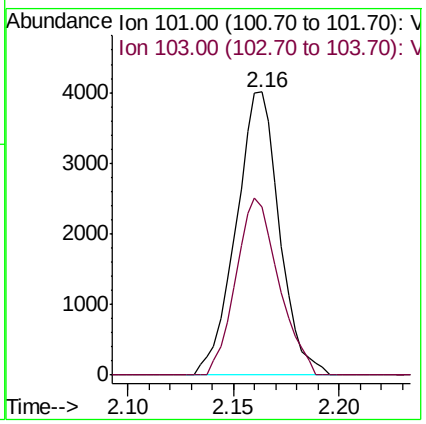


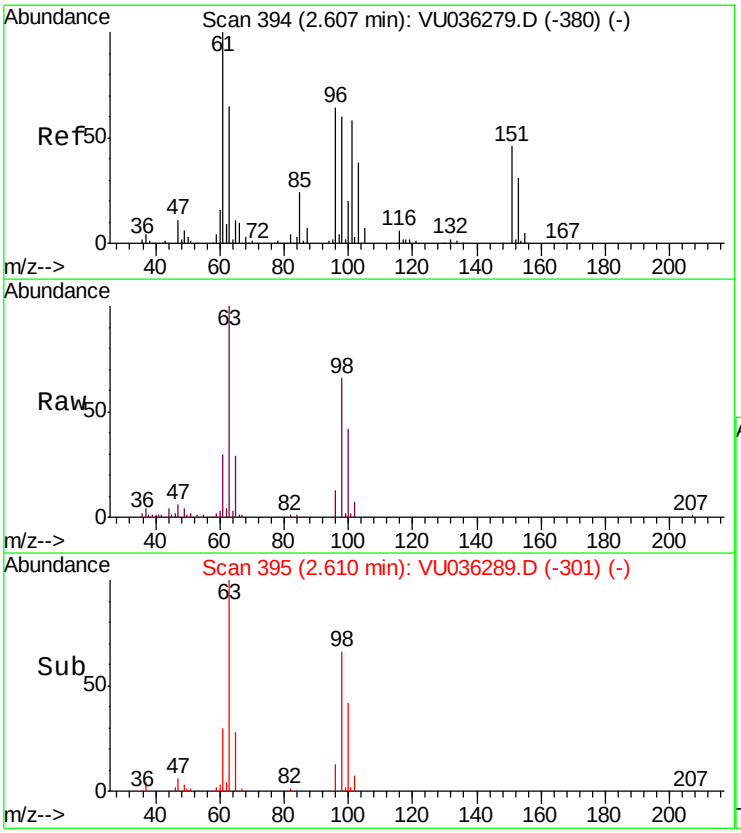
#9
Trichlorofluoromethane
Concen: 0.133 ug/L
RT: 2.16 min Scan# 256
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion:101 Resp: 5743

Ion	Ratio	Lower	Upper
101	100		
103	61.5	50.4	75.6

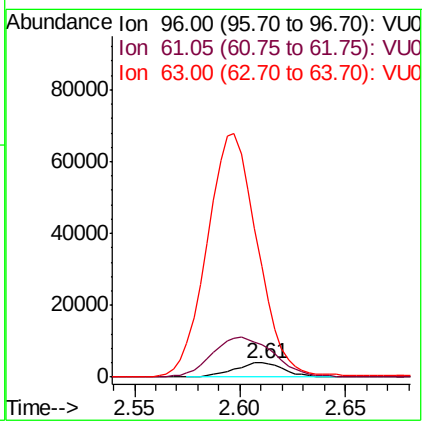


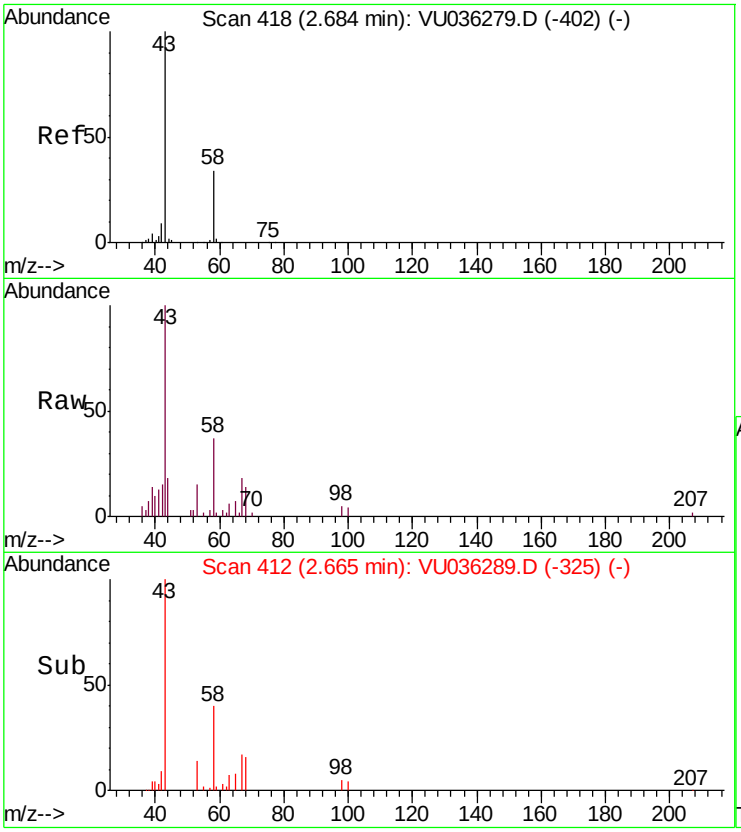


#12
1,1-Dichloroethene
Concen: 0.339 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 96 Resp: 6470

Ion	Ratio	Lower	Upper
96	100		
61	228.6	114.0	211.8#
63	773.3	63.6	118.0#



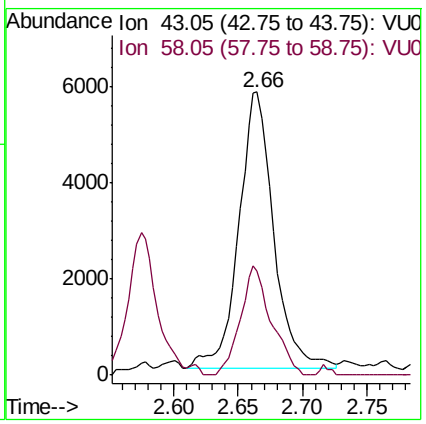


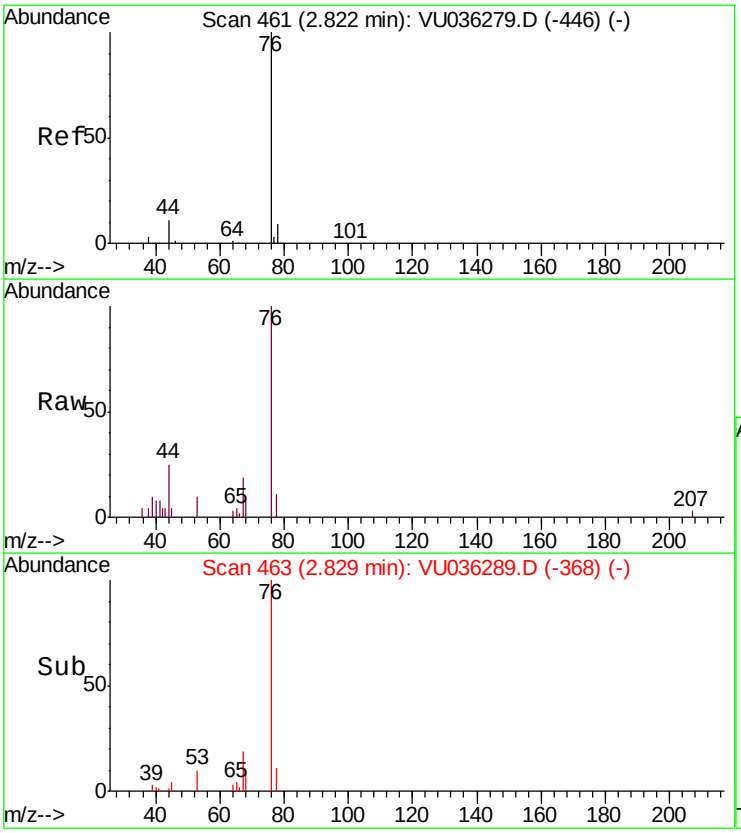
#13
Acetone
Concen: 2.929 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion: 43 Resp: 10836

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	67.6

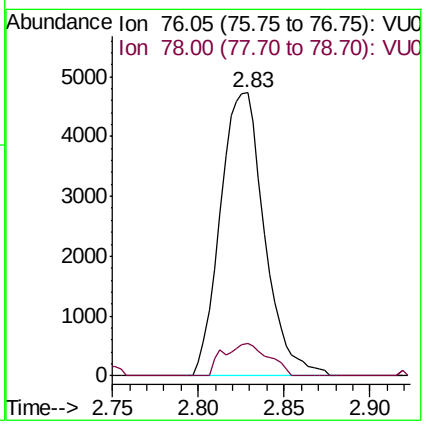


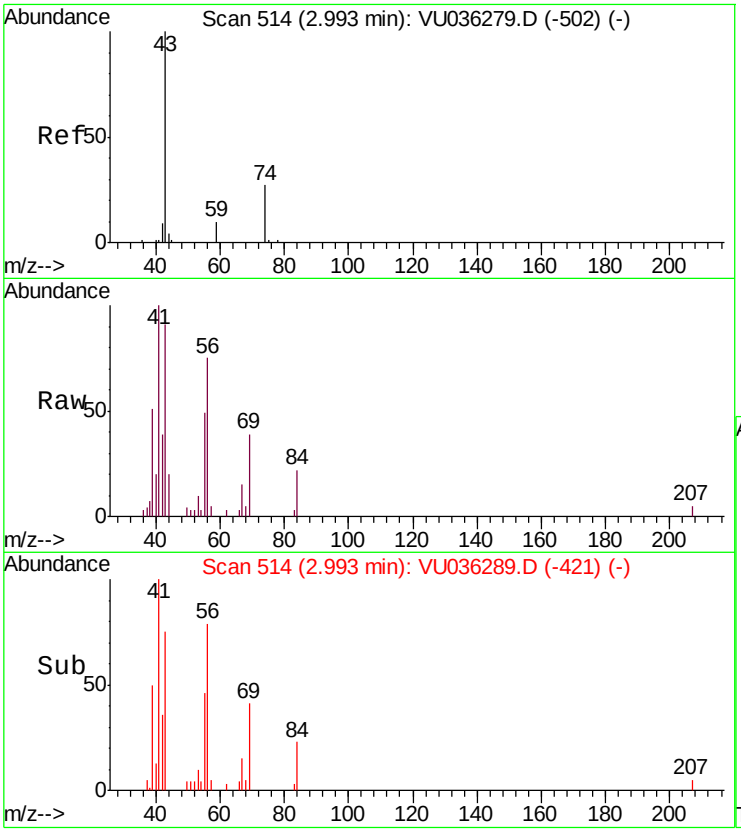


#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.83 min Scan# 463
Delta R.T. 0.01 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 76 Resp: 8484

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.1	10.7#



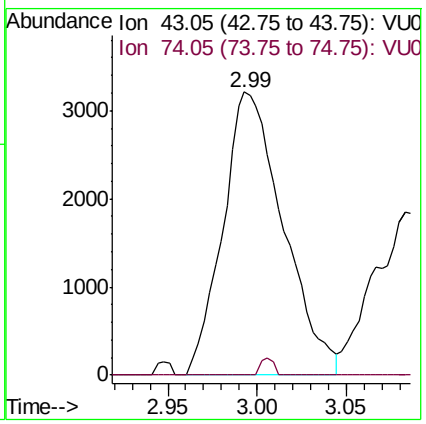


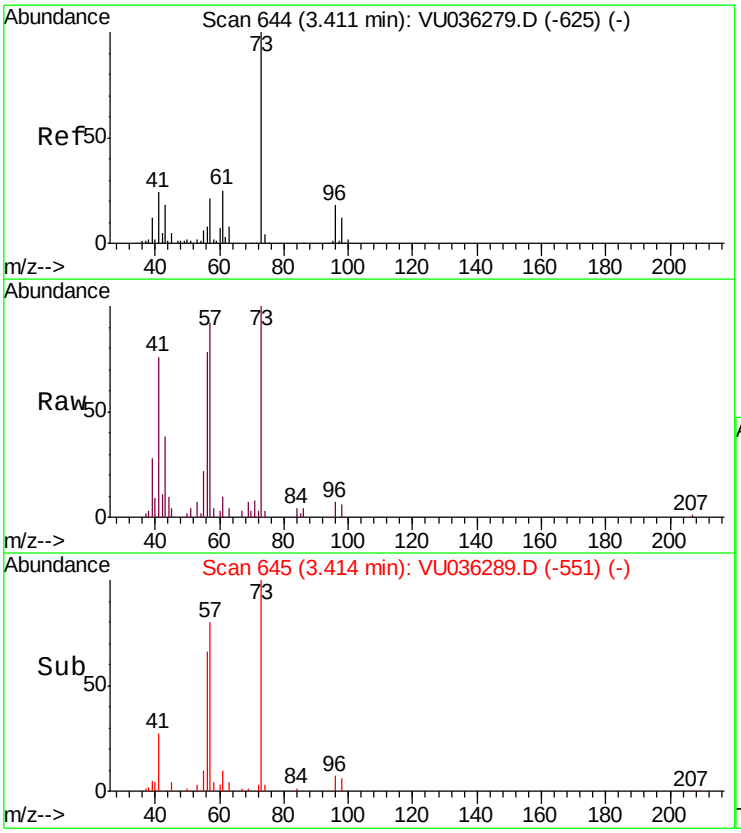
#15
Methyl Acetate
Concen: 1.011 ug/L
RT: 2.99 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument : MSVOA_U
ClientSampleId : BFDW4

Tgt Ion: 43 Resp: 7556

Ion	Ratio	Lower	Upper
43	100		
74	1.3	20.8	31.2#

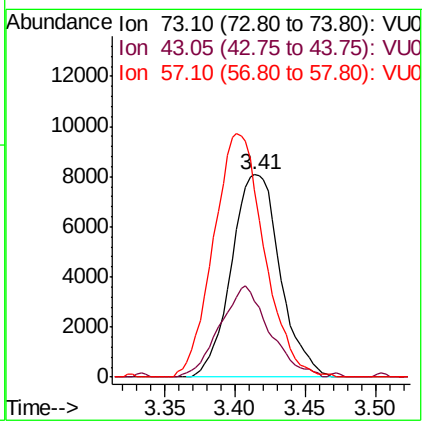


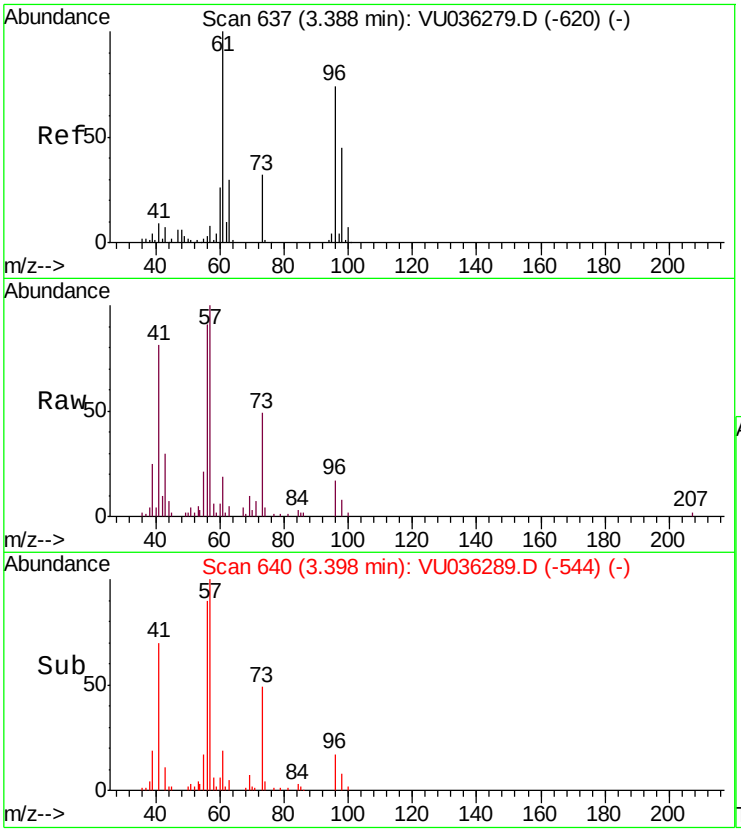


#17
Methyl tert-butyl Ether
Concen: 0.477 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 73 Resp: 19512

Ion	Ratio	Lower	Upper
73	100		
43	45.7	15.3	22.9#
57	124.6	18.2	27.2#



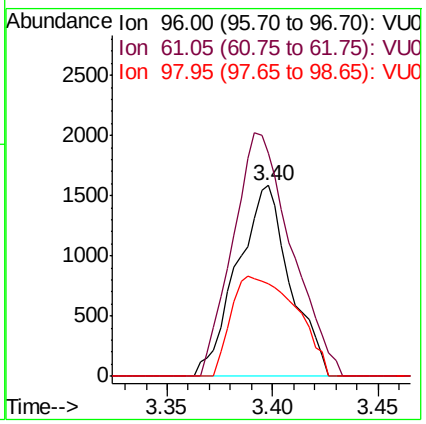


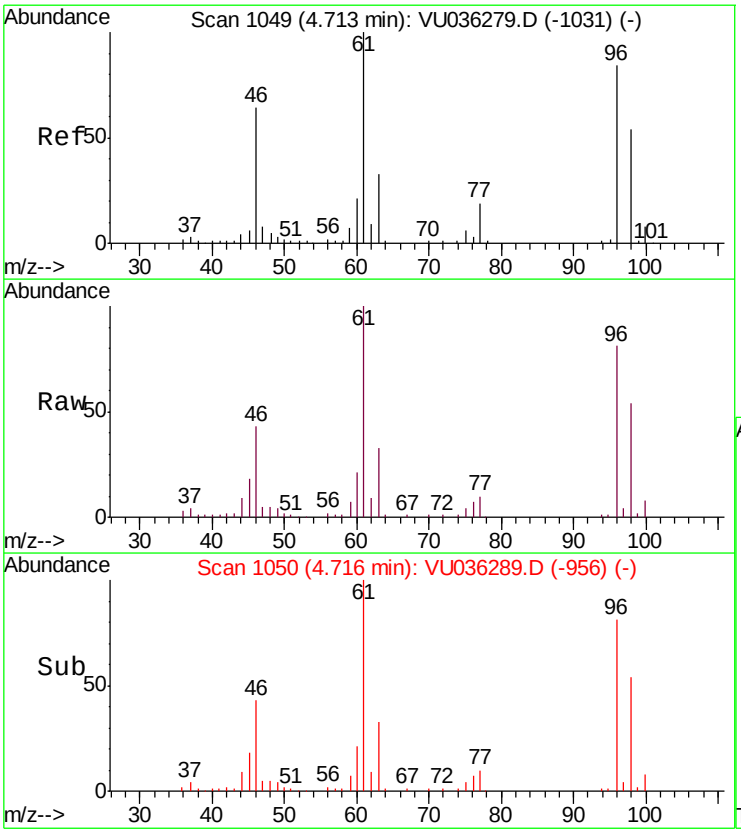
#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion: 96 Resp: 2779

Ion	Ratio	Lower	Upper
96	100		
61	116.8	94.8	176.2
98	48.3	46.8	86.8

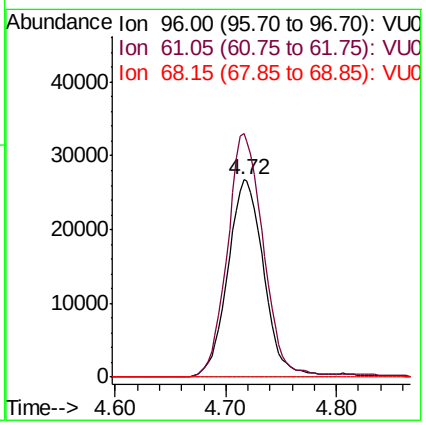


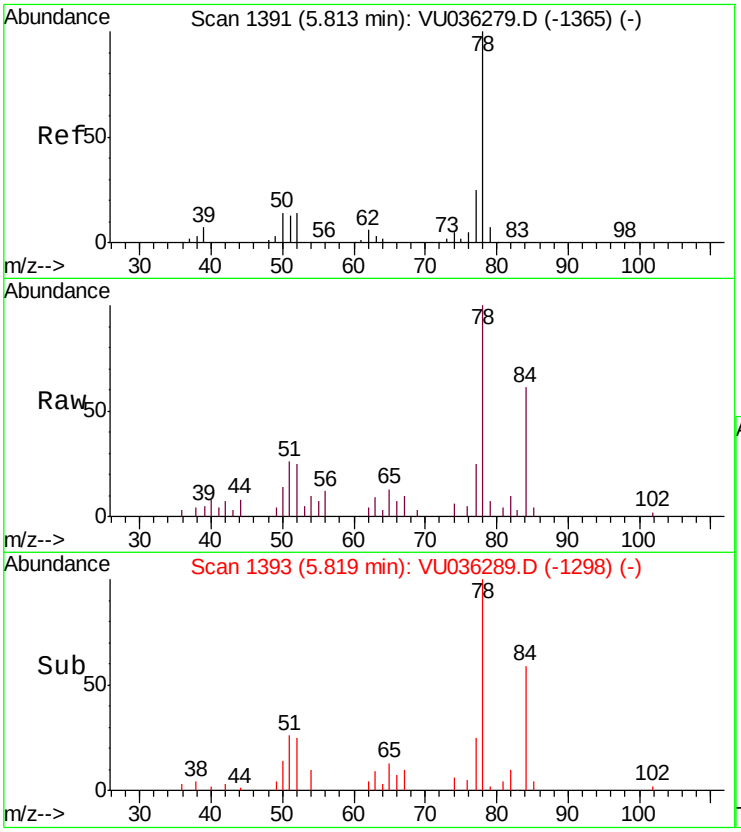


#22
cis-1,2-Dichloroethene
Concen: 2.830 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 96 Resp: 60678

Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.7	161.1
68	0.0	0.0	0.0

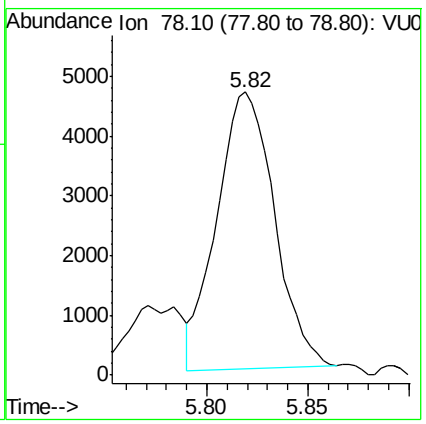


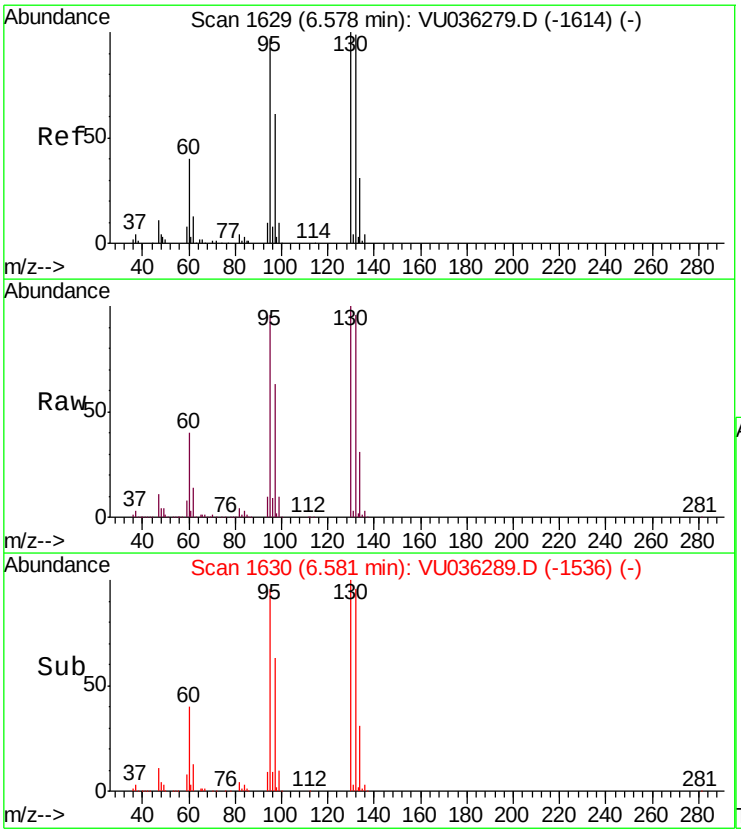


#33
Benzene
Concen: 0.107 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion: 78 Resp: 9236

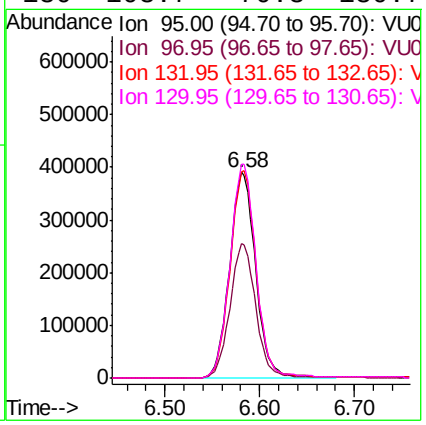


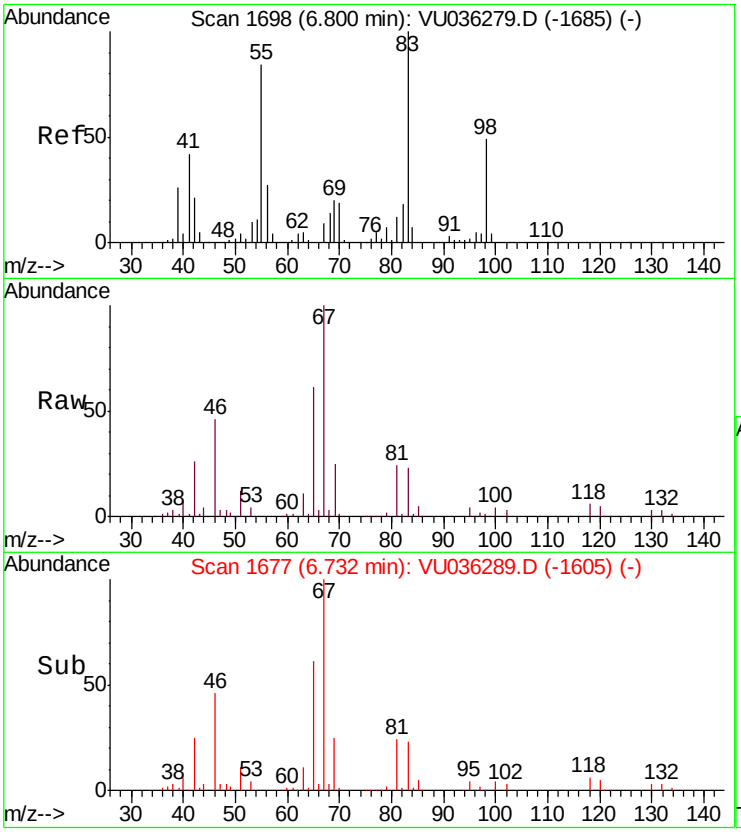


#34
Trichloroethene
Concen: 33.754 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 95 Resp: 752948

Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.6	81.0
132	100.0	69.6	129.2
130	103.7	70.3	130.7



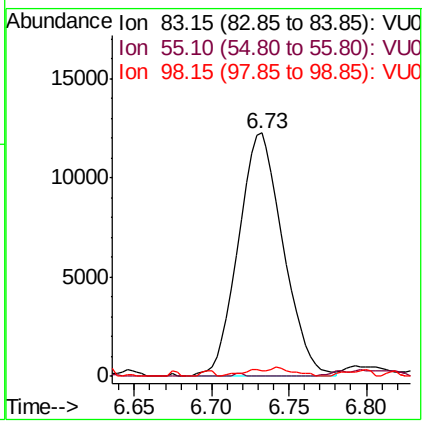


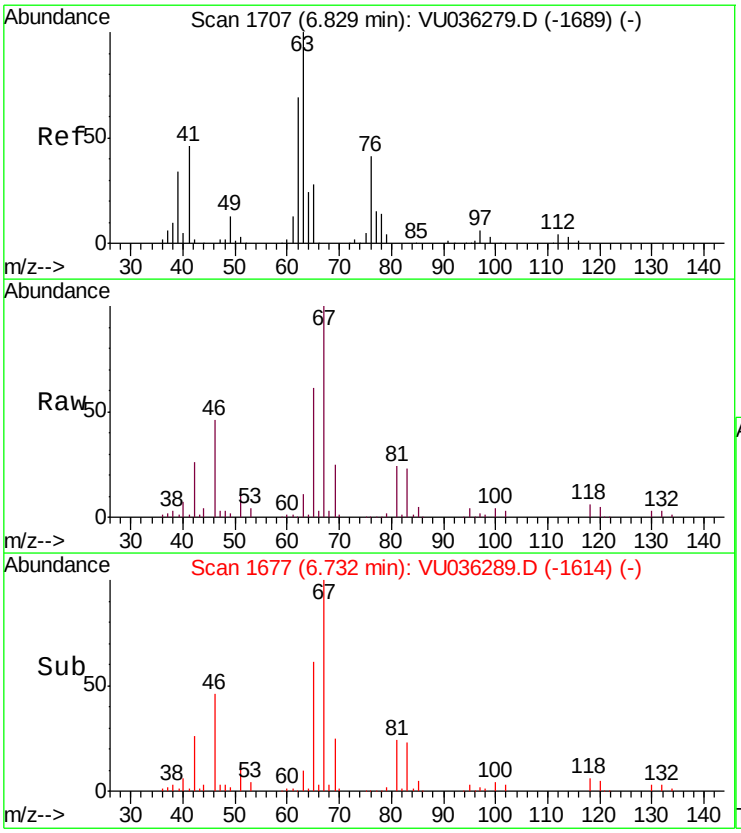
#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion: 83 Resp: 24720

Ion	Ratio	Lower	Upper
83	100		
55	1.1	62.6	94.0#
98	0.0	36.2	54.2#

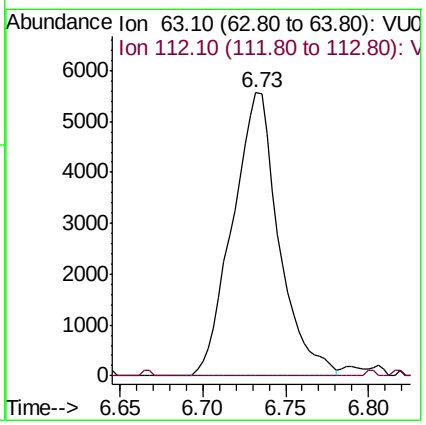


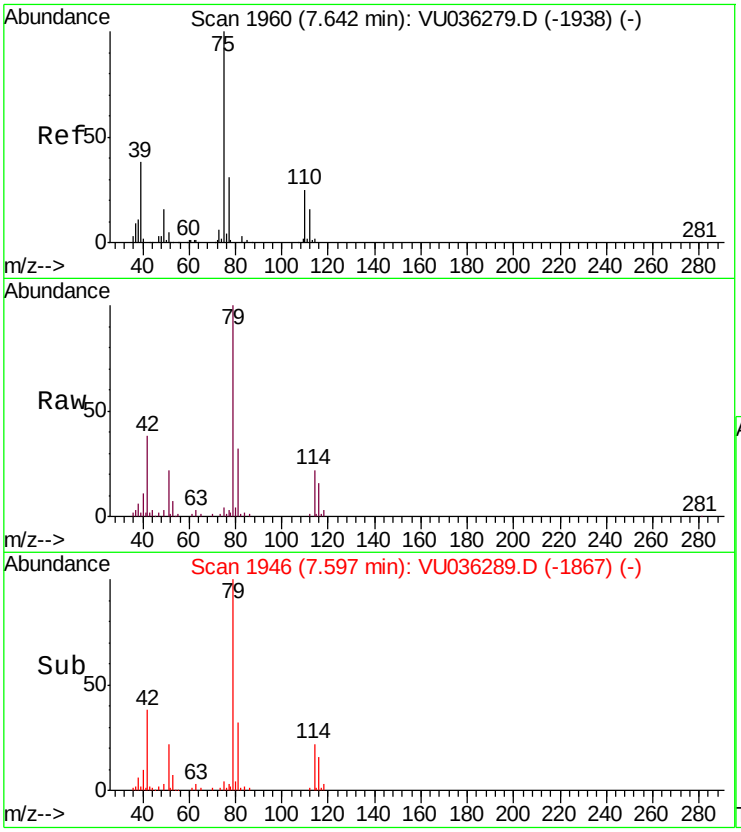


#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 63 Resp: 10835

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



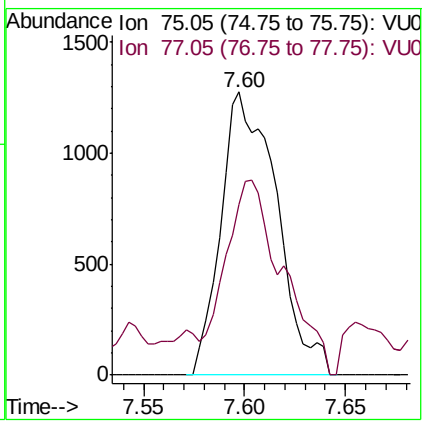


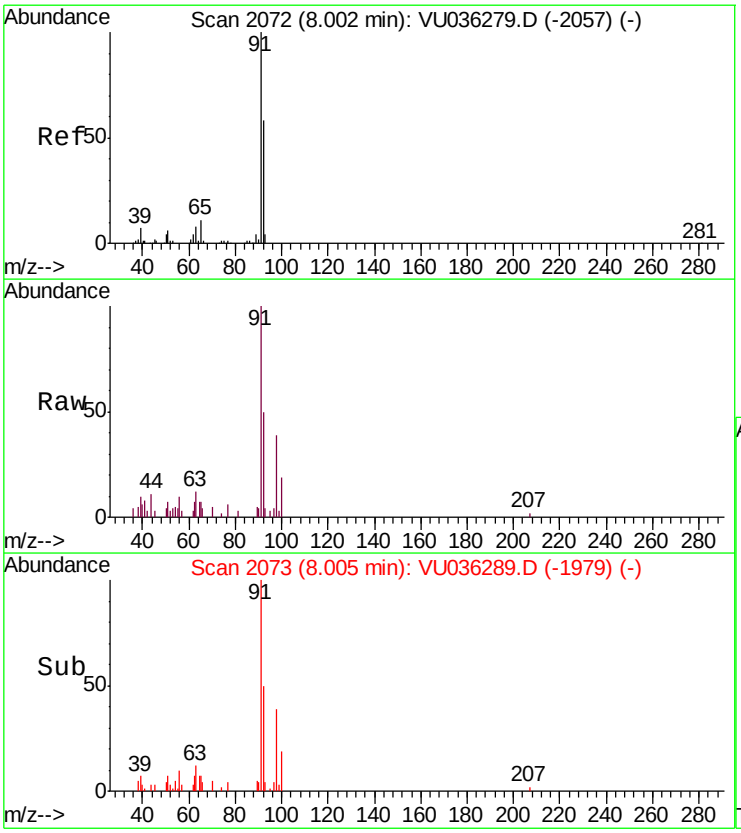
#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.05 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion: 75 Resp: 2456

Ion	Ratio	Lower	Upper
75	100		
77	60.3	22.7	42.1#

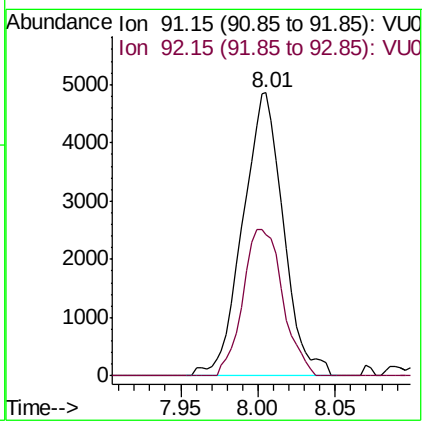


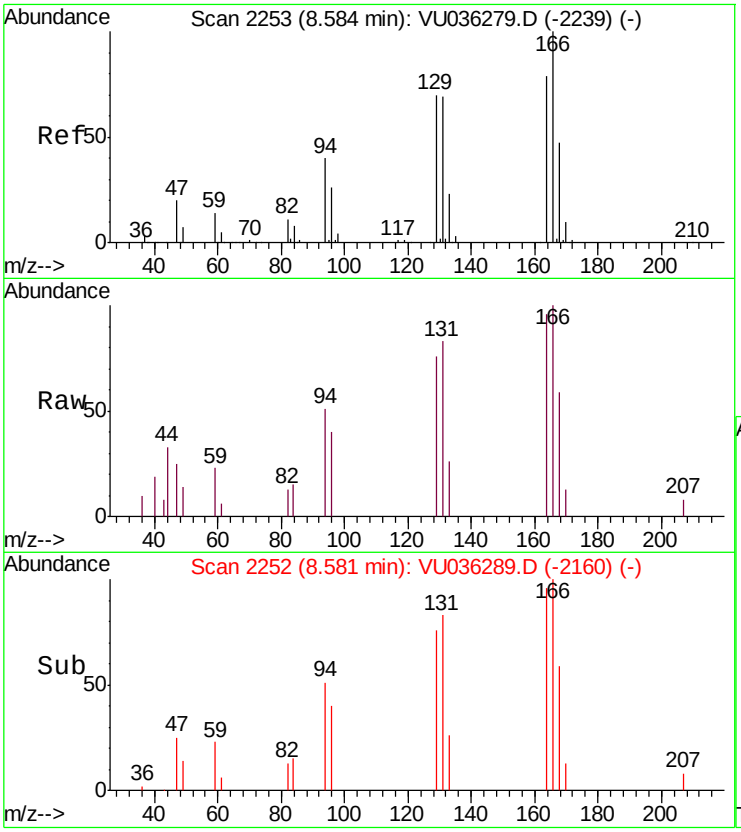


#42
Toluene
Concen: 0.096 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 91 Resp: 8881

Ion	Ratio	Lower	Upper
91	100		
92	50.1	41.2	76.6



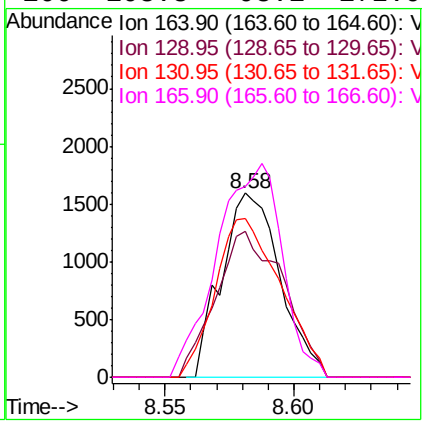


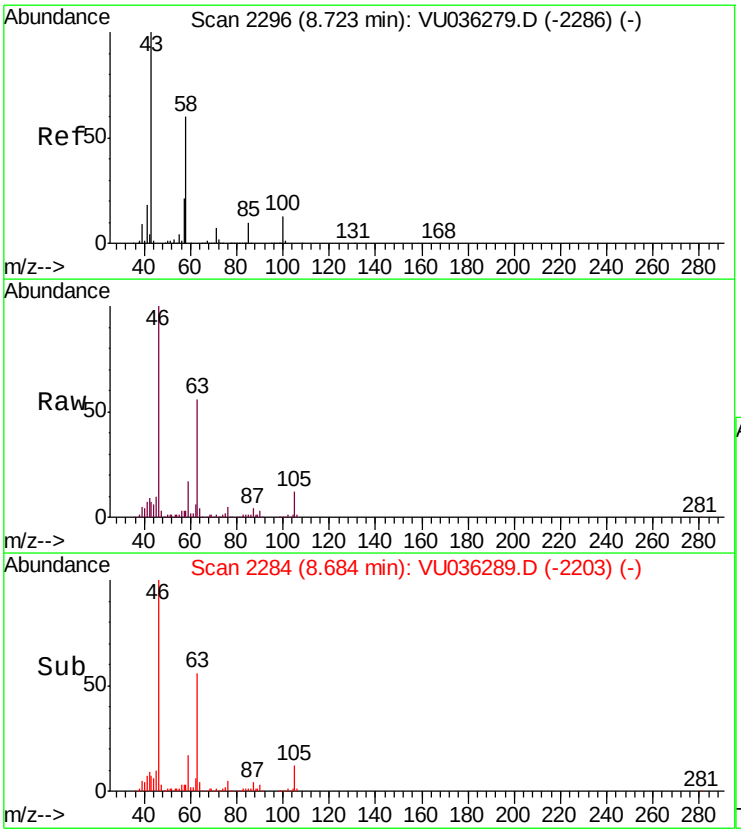
#47
Tetrachloroethene
Concen: 0.125 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion:164 Resp: 2511

Ion	Ratio	Lower	Upper
164	100		
129	79.1	64.2	119.2
131	86.2	66.6	123.8
166	103.8	93.1	172.9

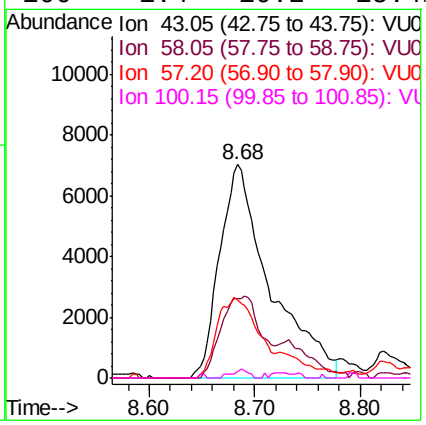


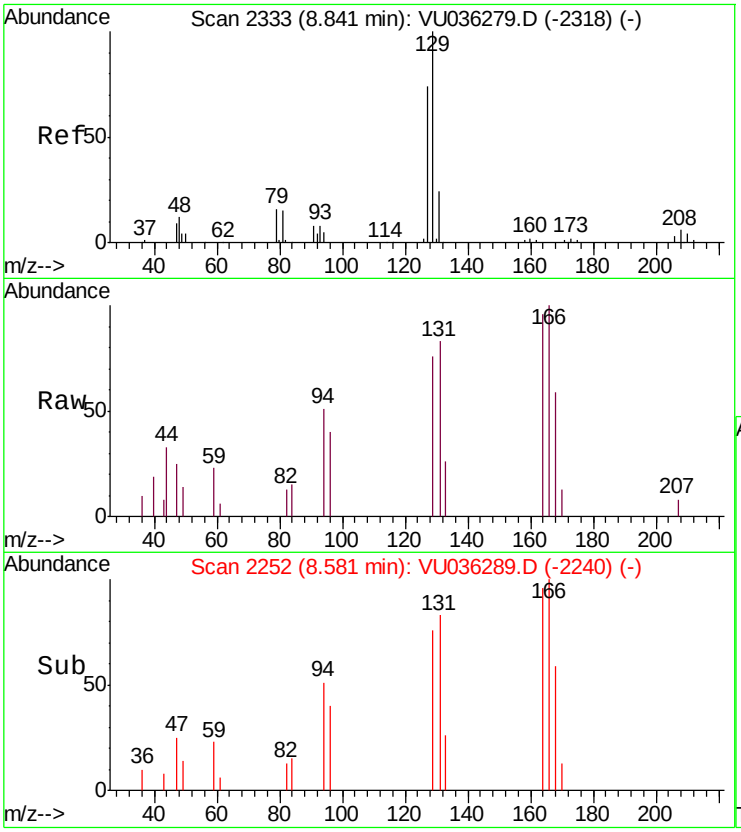


#48
2-Hexanone
Concen: 2.703 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.04 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 43 Resp: 23292

Ion	Ratio	Lower	Upper
43	100		
58	30.7	46.2	69.2#
57	37.8	16.2	24.4#
100	1.4	10.2	15.4#



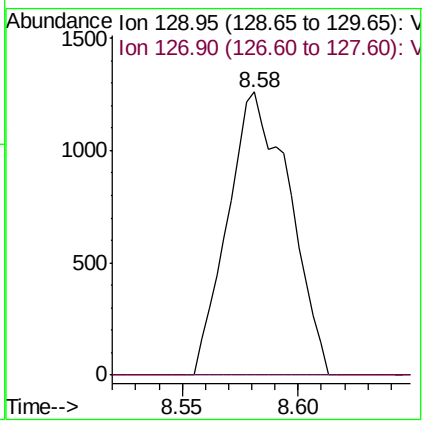


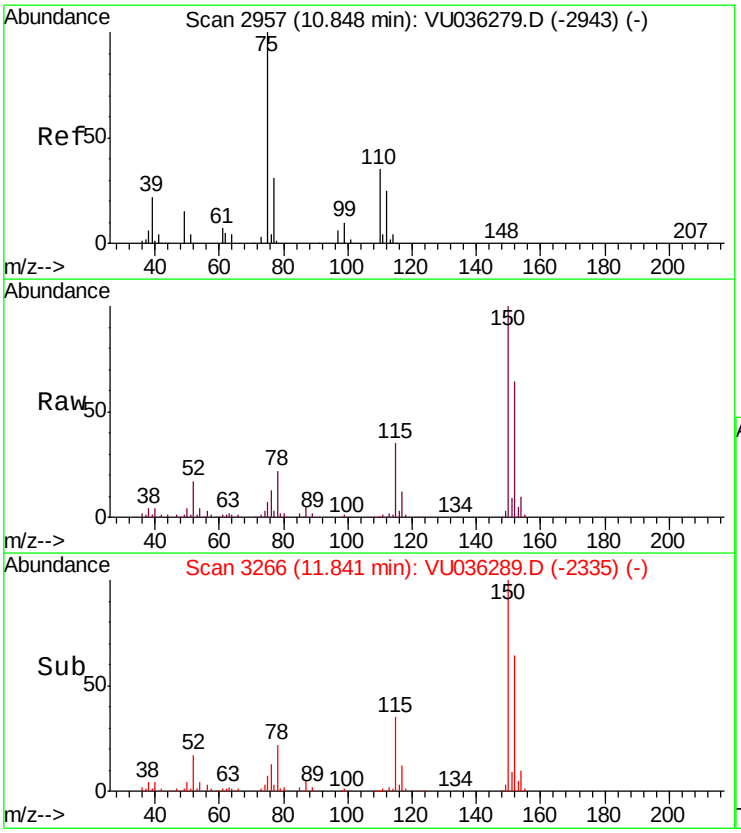
#49
Dibromochloromethane
Concen: 0.114 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDW4

Tgt Ion:129 Resp: 2326

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#59
1,2,3-Trichloropropane
Concen: 0.648 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036289.D
Acq: 19 Dec 2019 17:46

Tgt Ion: 75 Resp: 9514

Ion	Ratio	Lower	Upper
75	100		
77	45.0	27.2	40.8#