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

Quantitation Report (Not Reviewed)

Data File : VU036293.D
Acq On : 19 Dec 2019 19:21
Operator : JC/MD
Sample : K6282-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW8

Quant Time: Dec 20 03:18:59 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	233359	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	259151	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105673	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	111444	5.42	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%				
7) Chloroethane-d5	1.93	69	98228	5.33	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%				
11) 1,1-Dichloroethene-d2	2.59	63	114635	3.87	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%				
20) 2-Butanone-d5	4.69	46	192730	50.06	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.12%				
24) Chloroform-d	5.11	84	166105	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%				
26) 1,2-Dichloroethane-d4	5.75	65	86708	5.00	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%				
32) Benzene-d6	5.77	84	300961	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%				
36) 1,2-Dichloropropane-d6	6.73	67	99667	4.86	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%				
41) Toluene-d8	7.93	98	241070	3.93	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%				
43) trans-1,3-Dichloropropene-	8.21	79	35817	4.24	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%				
46) 2-Hexanone-d5	8.67	63	151637	46.96	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.92%				
57) 1,1,2,2-Tetrachloroethane-	10.78	84	89353	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%				
64) 1,2-Dichlorobenzene-d4	12.21	152	97520	4.82	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	2.16	101	7974	0.204	ug/L		97
12) 1,1-Dichloroethene	2.61	96	7619	0.440	ug/L	#	1
13) Acetone	2.67	43	10785	3.214	ug/L		100
14) Carbon disulfide	2.83	76	4132	0.071	ug/L		97
15) Methyl Acetate	3.00	43	1296	0.191	ug/L	#	49
17) Methyl tert-butyl Ether	3.42	73	17075	0.460	ug/L	#	66
18) trans-1,2-Dichloroethene	3.40	96	3944	0.218	ug/L	#	73
19) 1,1-Dichloroethane	3.92	63	3183	0.095	ug/L		89
22) cis-1,2-Dichloroethene	4.72	96	83064	4.271	ug/L		97
34) Trichloroethene	6.58	95	852261	41.506	ug/L		98
35) Methylcyclohexane	6.73	83	23295	0.798	ug/L	#	18
37) 1,2-Dichloropropane	6.73	63	11031	0.543	ug/L	#	86
39) cis-1,3-Dichloropropene	7.60	75	2317	0.084	ug/L	#	41
47) Tetrachloroethene	8.58	164	3209	0.173	ug/L		82
48) 2-Hexanone	8.68	43	20600	2.597	ug/L	#	63
49) Dibromochloromethane	8.58	129	2704	0.144	ug/L	#	12
59) 1,2,3-Trichloropropane	11.83	75	10822	0.801	ug/L		91

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

Quantitation Report (Not Reviewed)

Data File : VU036293.D
Acq On : 19 Dec 2019 19:21
Operator : JC/MD
Sample : K6282-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW8

Quant Time: Dec 20 03:18:59 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)

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

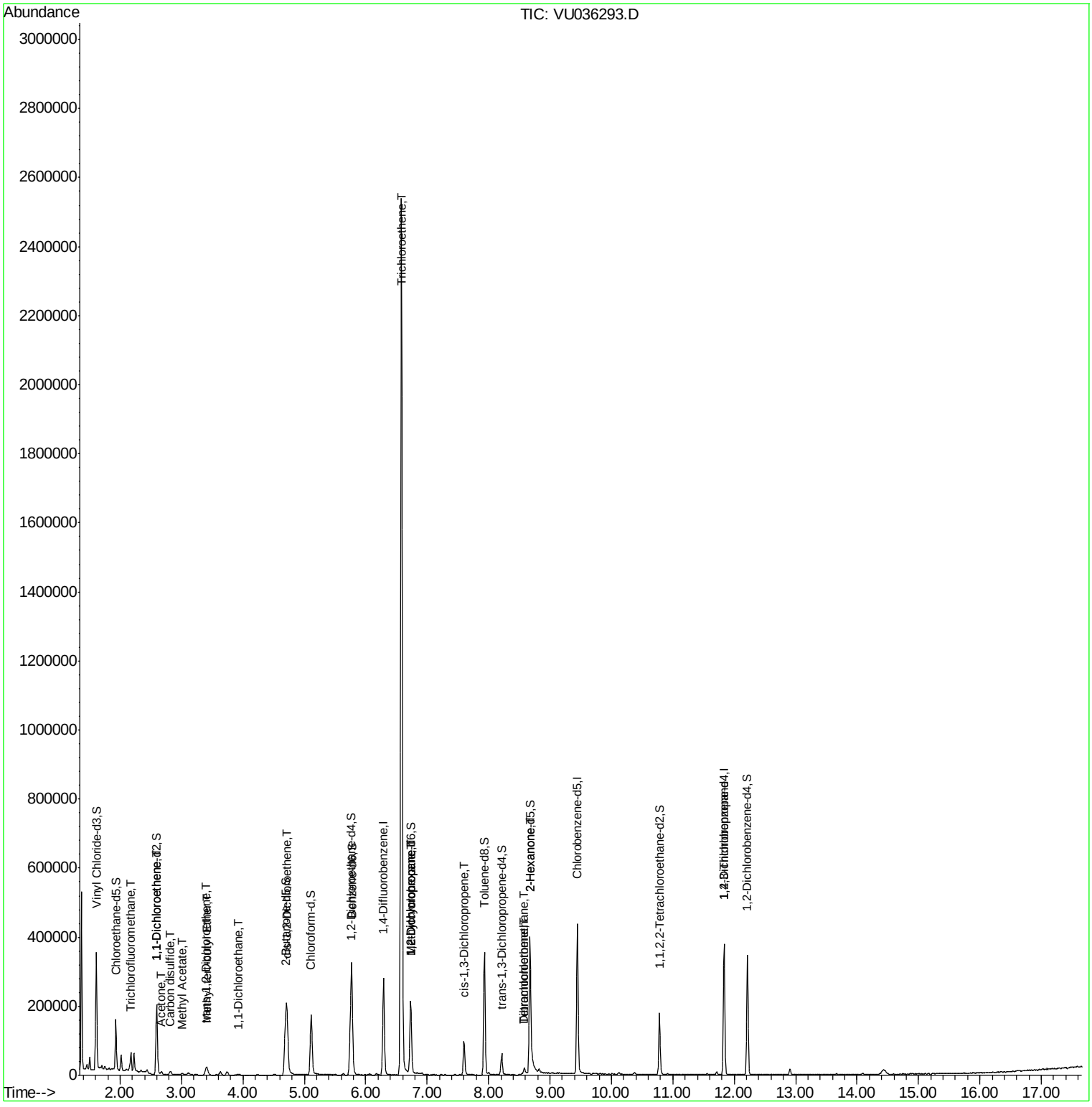
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

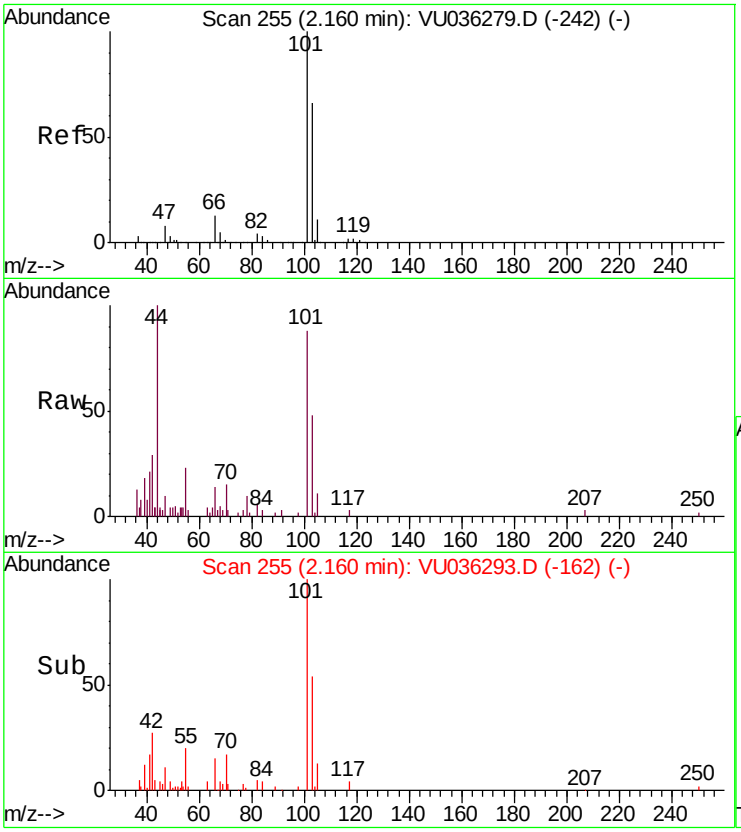
Quantitation Report (Not Reviewed)

Data File : VU036293.D
Acq On : 19 Dec 2019 19:21
Operator : JC/MD
Sample : K6282-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Quant Time: Dec 20 03:18:59 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



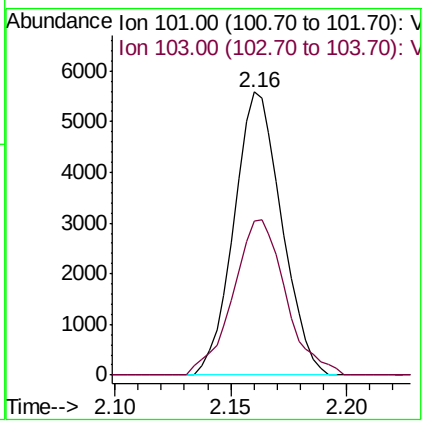


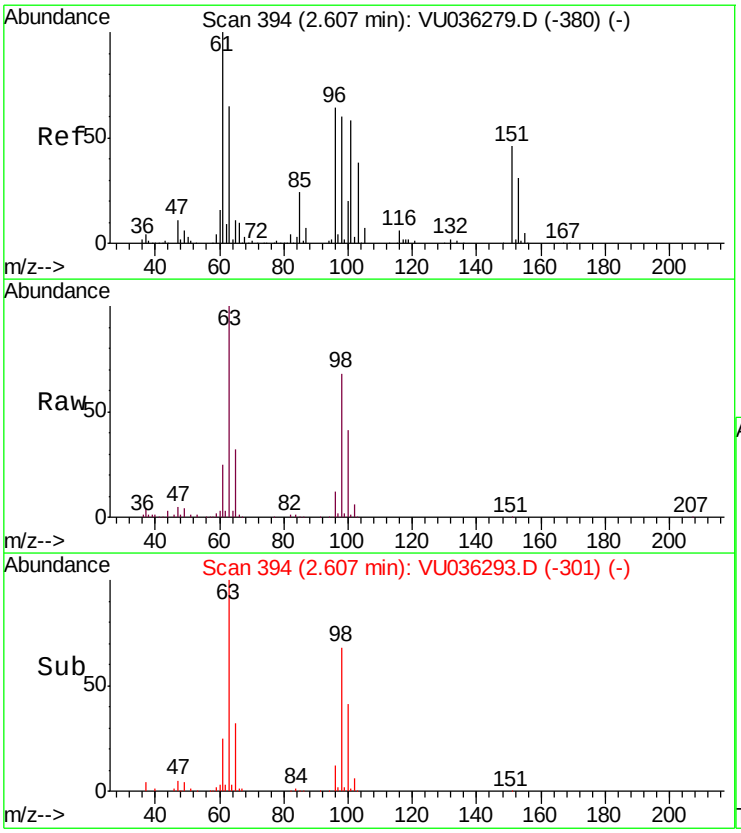
#9
Trichlorofluoromethane
Concen: 0.204 ug/L
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion:101 Resp: 7974

Ion	Ratio	Lower	Upper
101	100		
103	60.7	50.4	75.6

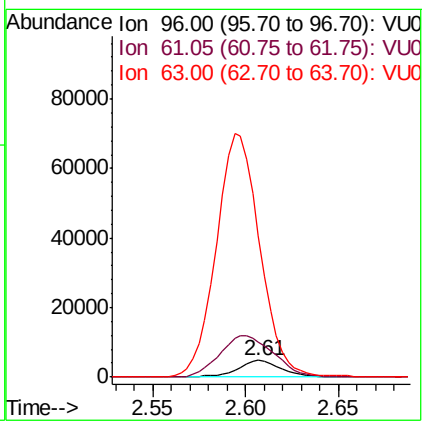


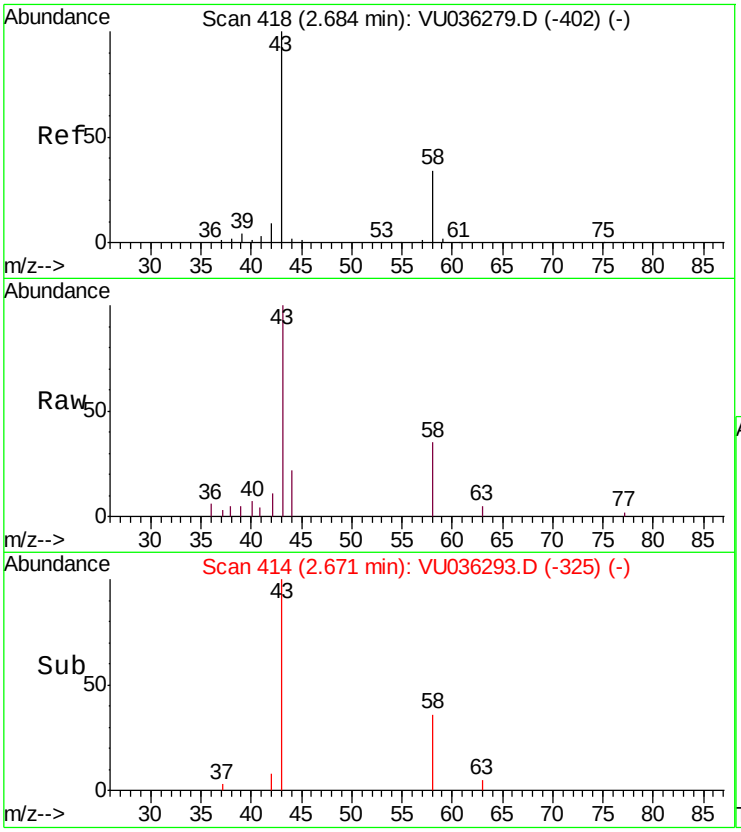


#12
1,1-Dichloroethene
Concen: 0.440 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 96 Resp: 7619

Ion	Ratio	Lower	Upper
96	100		
61	212.9	114.0	211.8#
63	855.7	63.6	118.0#



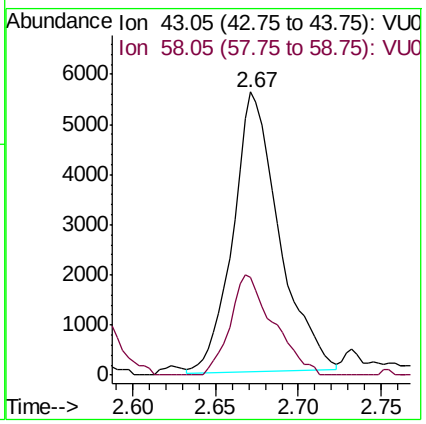


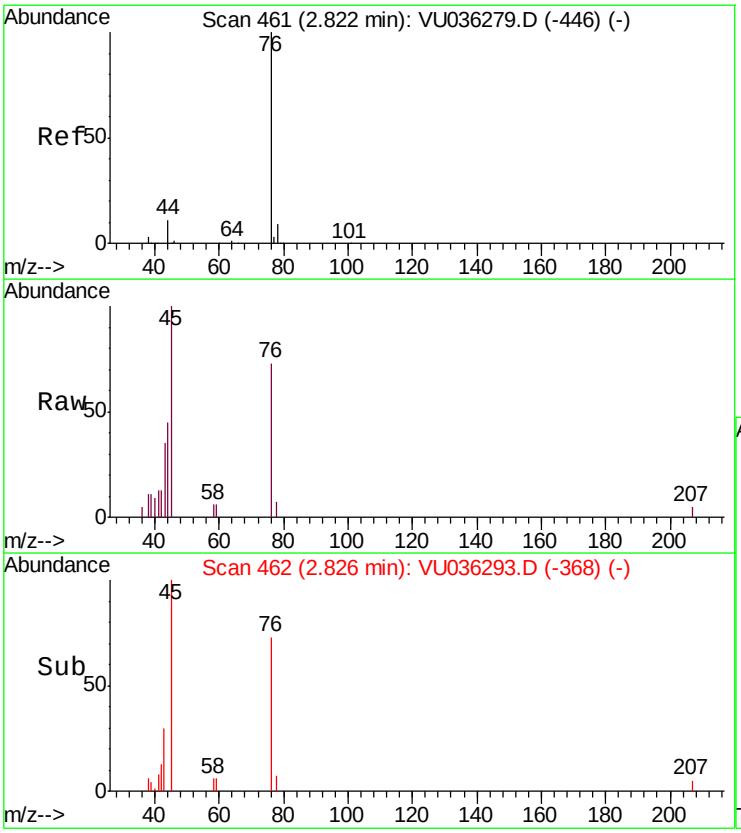
#13
Acetone
Concen: 3.214 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion: 43 Resp: 10785

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	67.6

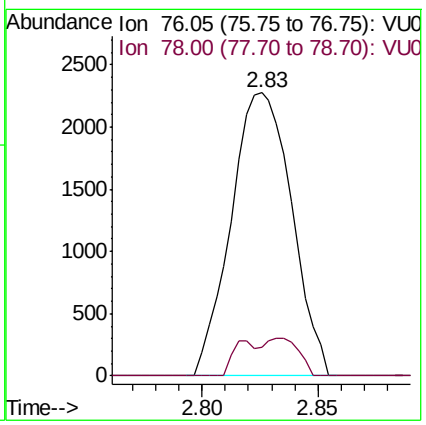


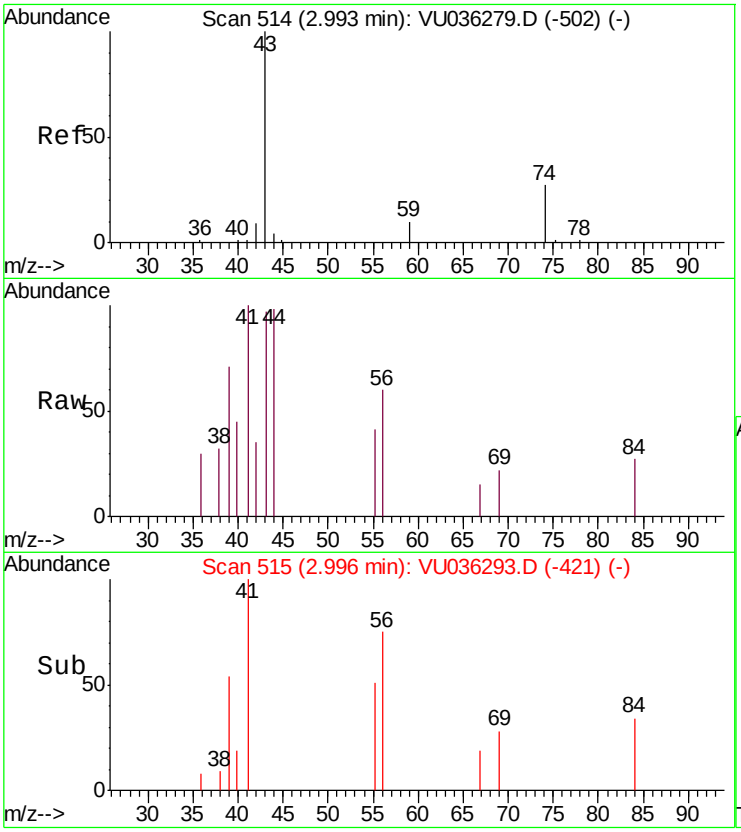


#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 76 Resp: 4132

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.1	10.7



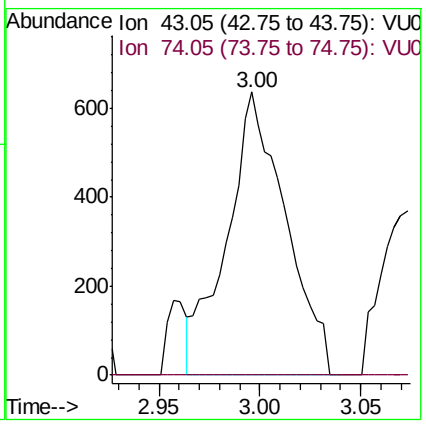


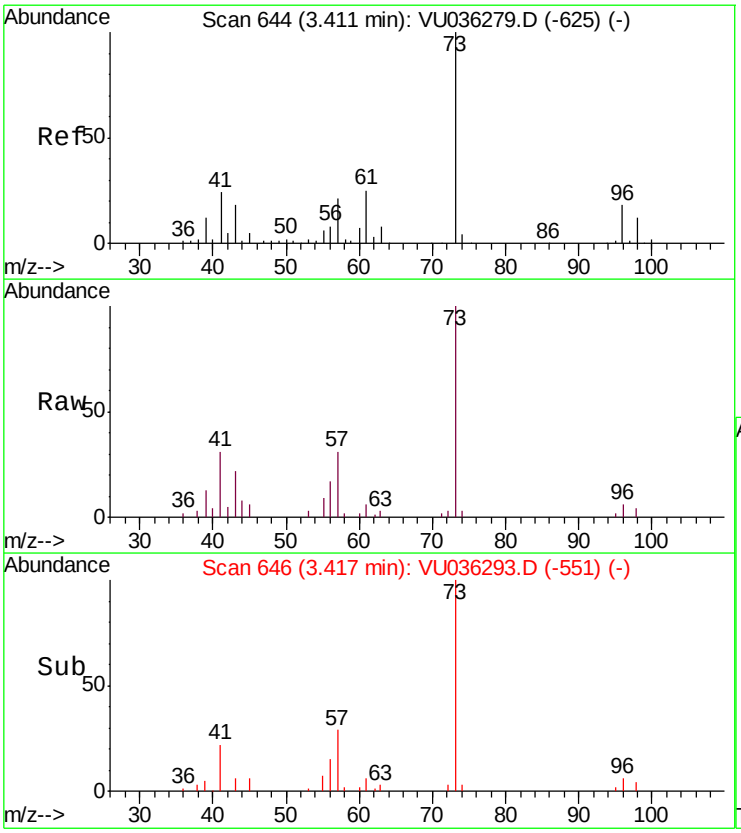
#15
Methyl Acetate
Concen: 0.191 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion: 43 Resp: 1296

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

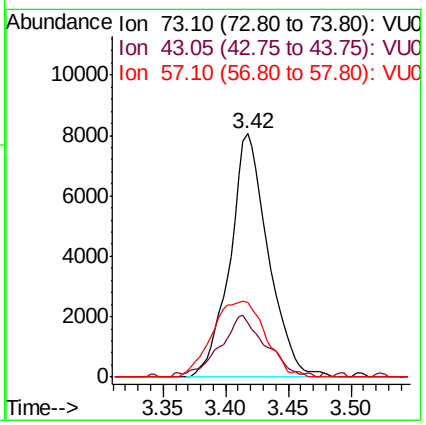


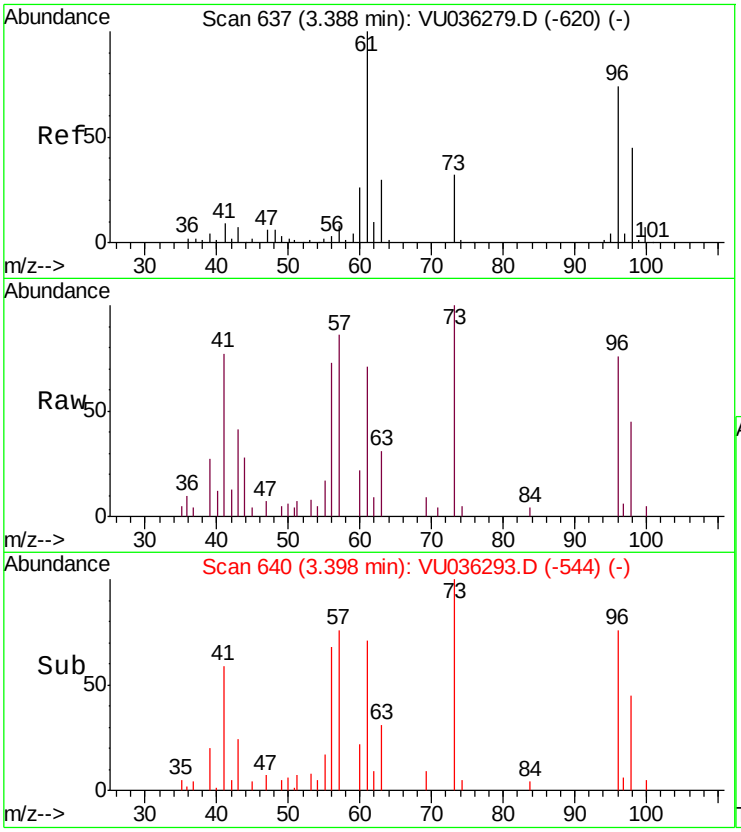


#17
Methyl tert-butyl Ether
Concen: 0.460 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.01 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 73 Resp: 17075

Ion	Ratio	Lower	Upper
73	100		
43	30.2	15.3	22.9#
57	43.3	18.2	27.2#



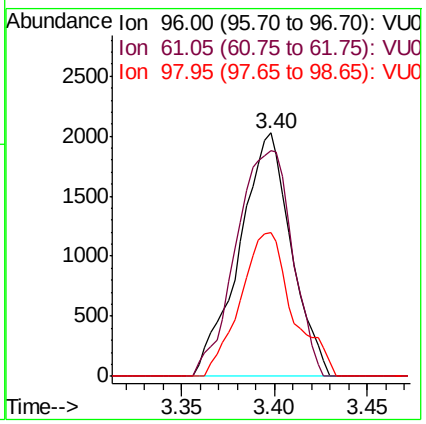


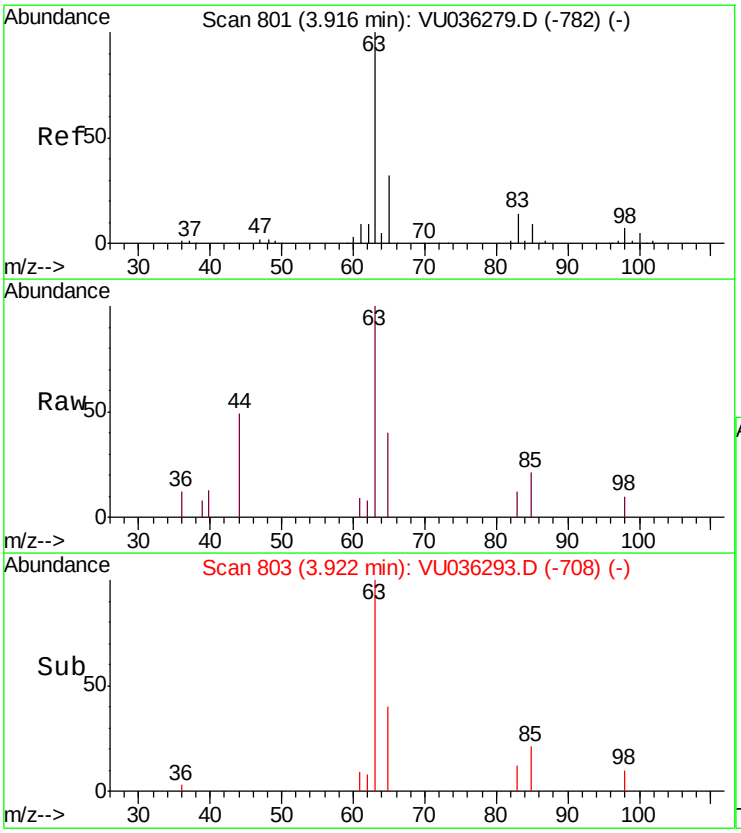
#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument : MSVOA_U
ClientSampleId : BFDW8

Tgt Ion: 96 Resp: 3944

Ion	Ratio	Lower	Upper
96	100		
61	92.7	94.8	176.2#
98	59.1	46.8	86.8

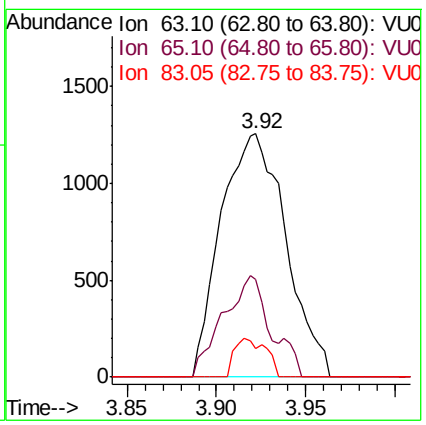


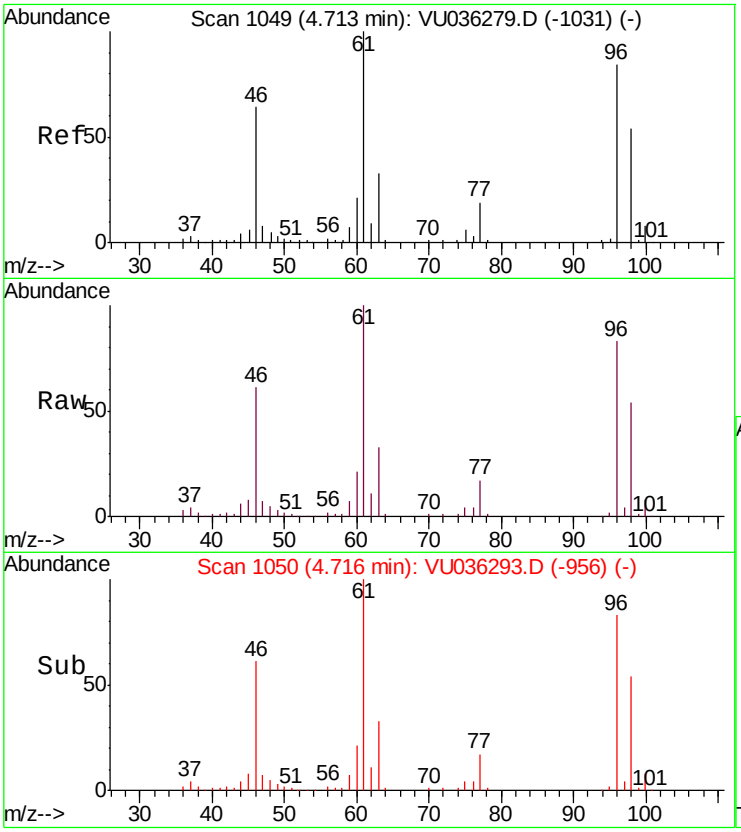


#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 63 Resp: 3183

Ion	Ratio	Lower	Upper
63	100		
65	40.0	22.6	42.0
83	11.9	9.7	18.1



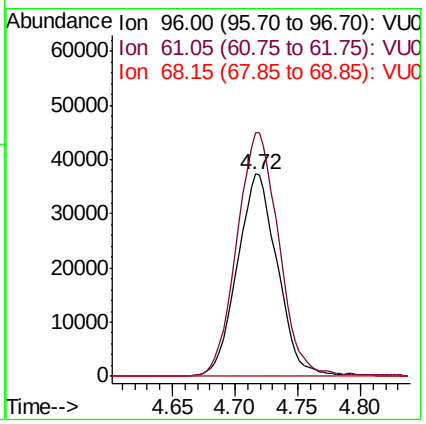


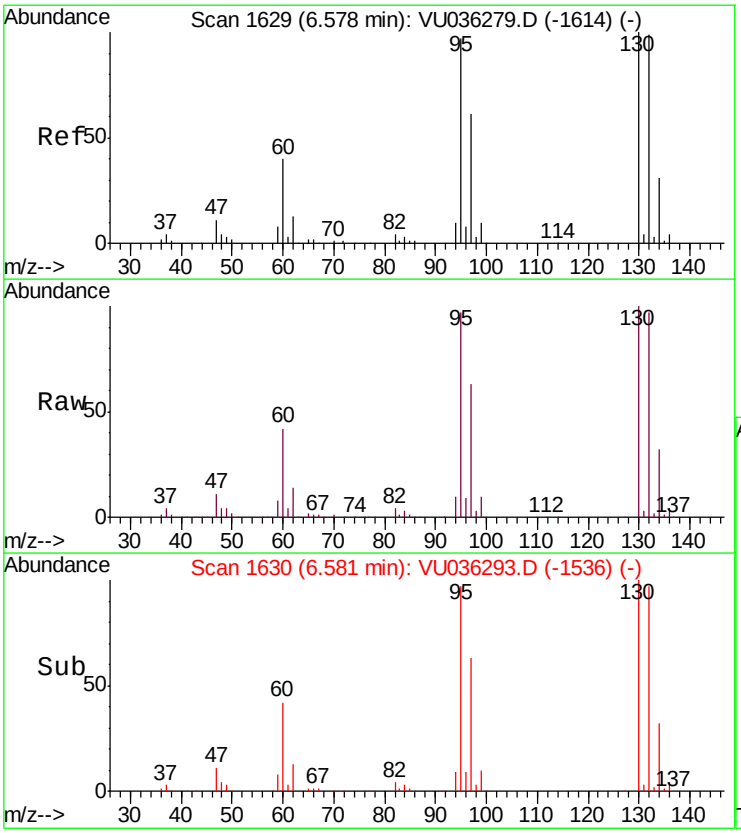
#22
cis-1,2-Dichloroethene
Concen: 4.271 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion: 96 Resp: 83064

Ion	Ratio	Lower	Upper
96	100		
61	120.1	86.7	161.1
68	0.0	0.0	0.0

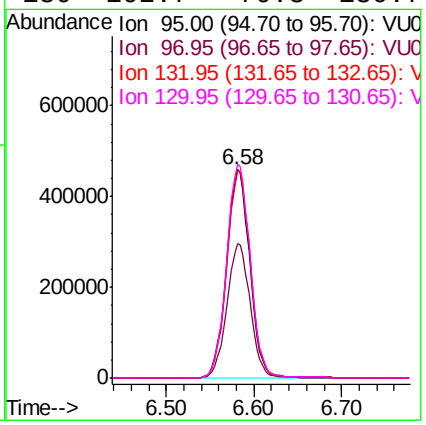


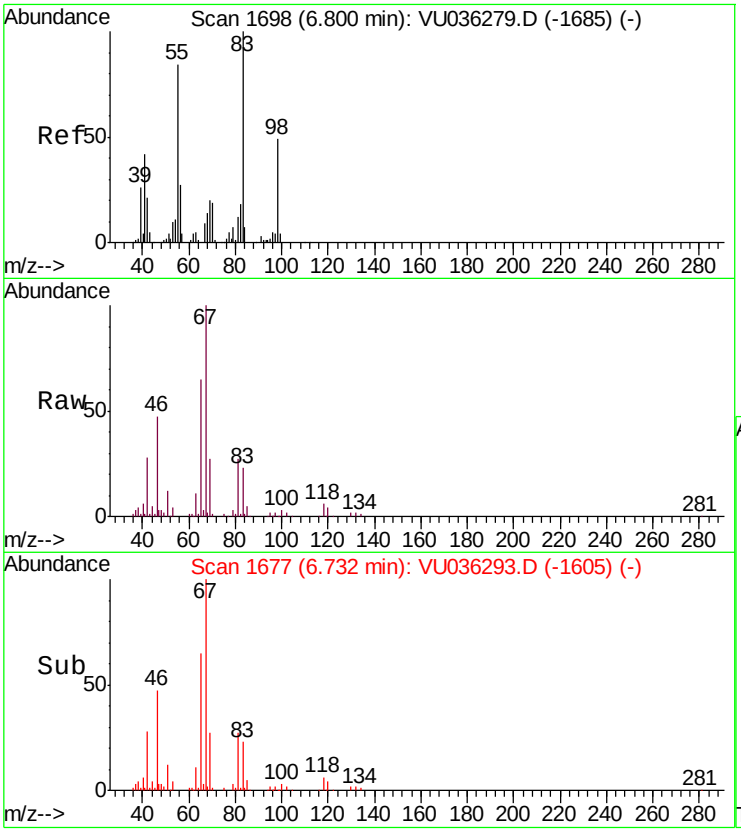


#34
Trichloroethene
Concen: 41.506 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 95 Resp: 852261

Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.6	81.0
132	99.4	69.6	129.2
130	102.7	70.3	130.7



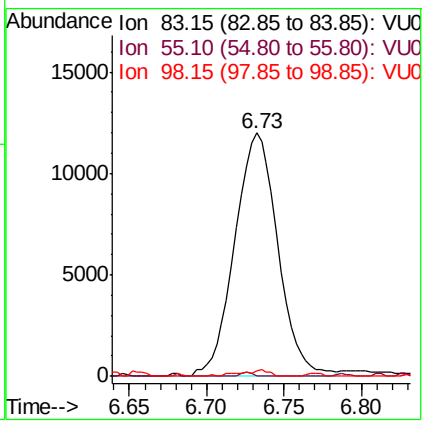


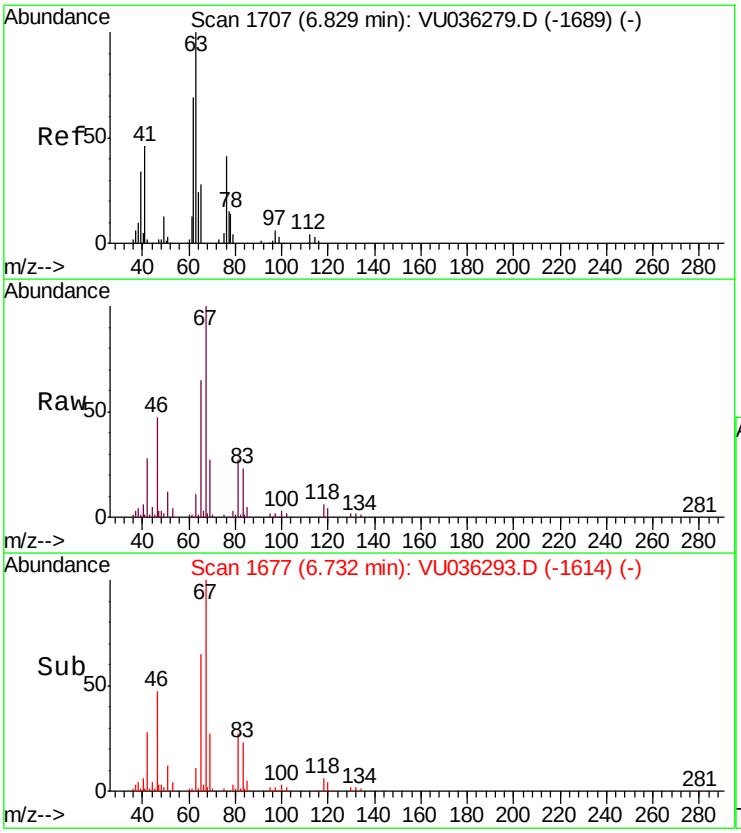
#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion: 83 Resp: 23295

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	94.0#
98	0.0	36.2	54.2#

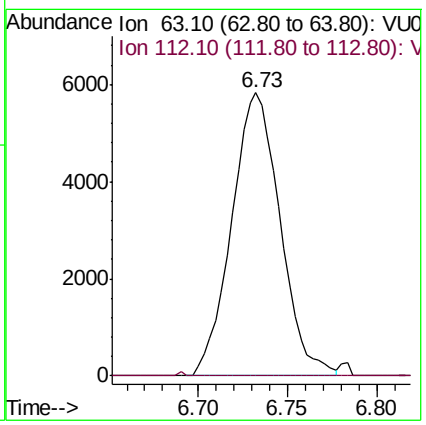


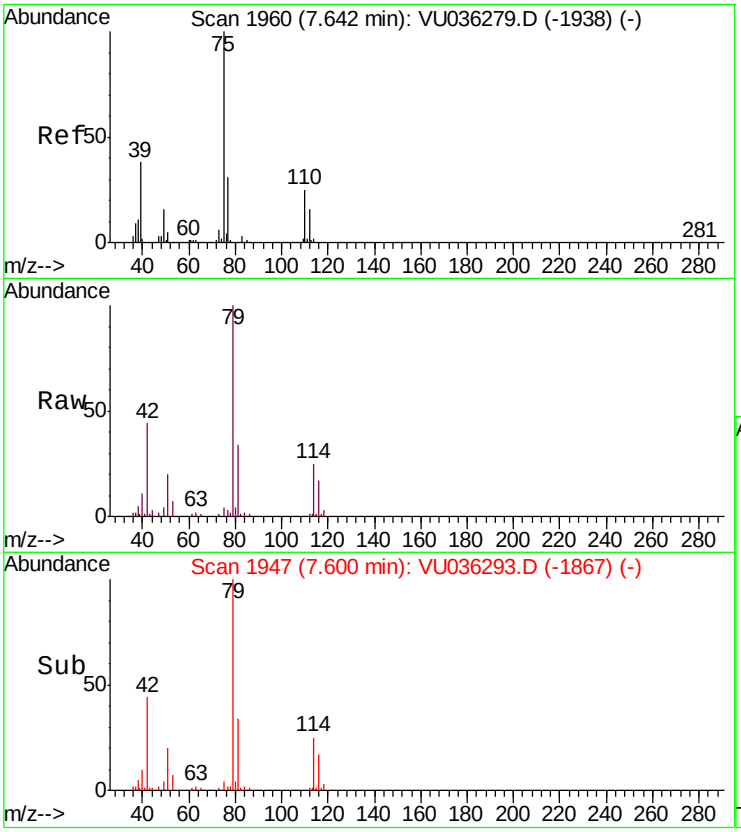


#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion: 63 Resp: 11031

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#



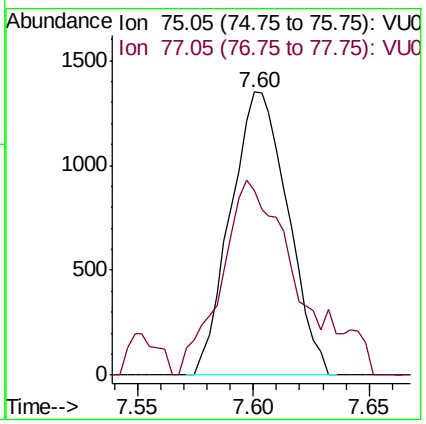


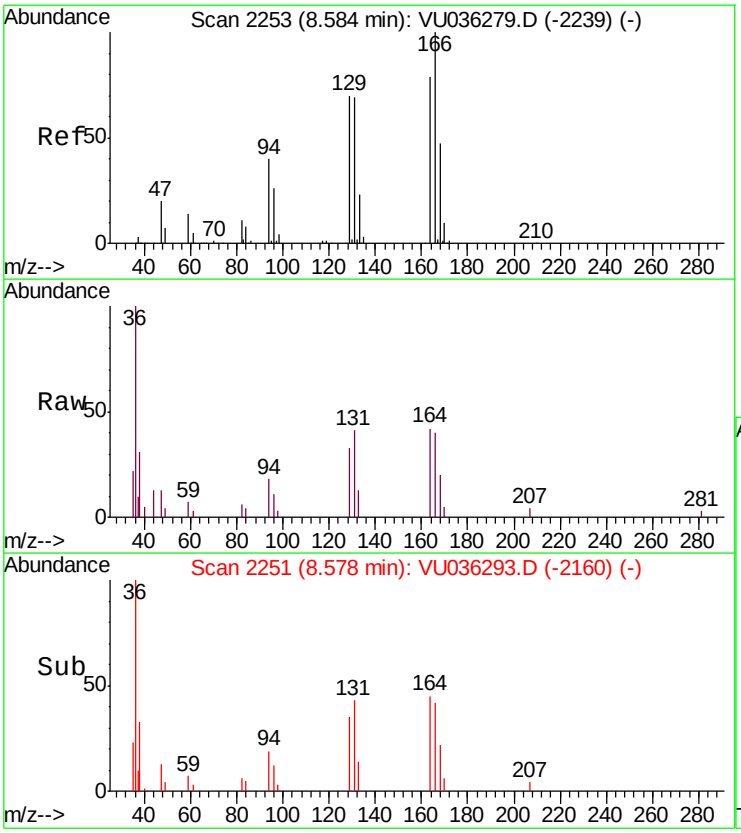
#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument : MSVOA_U
ClientSampleId : BFDW8

Tgt Ion: 75 Resp: 2317

Ion	Ratio	Lower	Upper
75	100		
77	65.3	22.7	42.1#

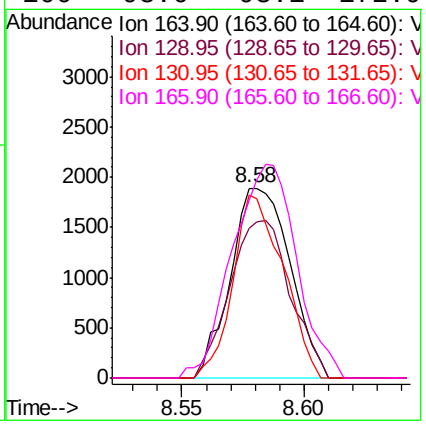


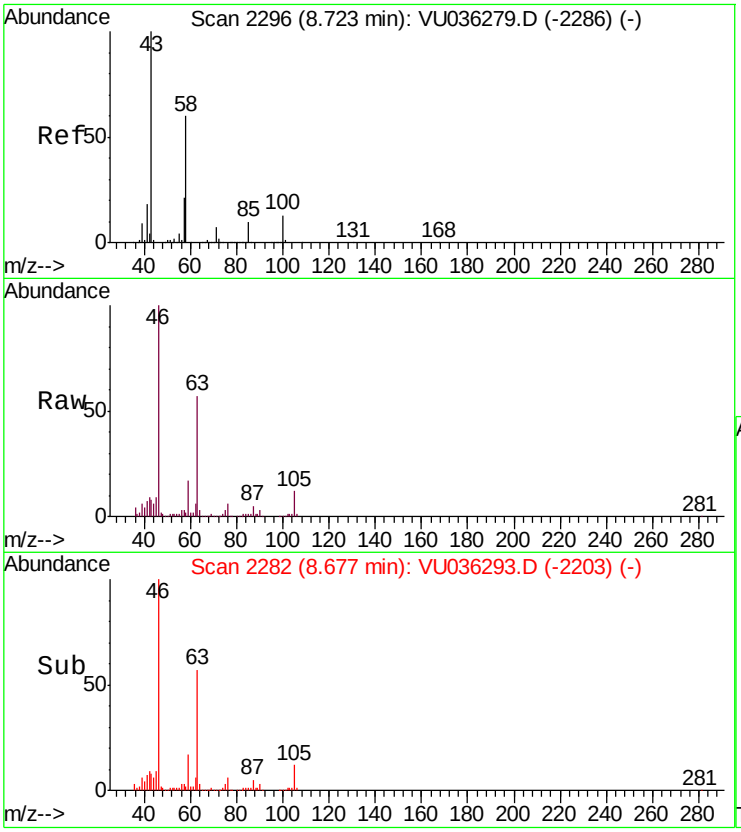


#47
Tetrachloroethene
Concen: 0.173 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.01 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion:164 Resp: 3209

Ion	Ratio	Lower	Upper
164	100		
129	79.1	64.2	119.2
131	96.8	66.6	123.8
166	93.6	93.1	172.9



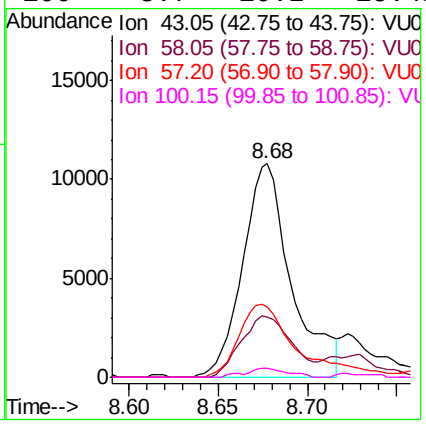


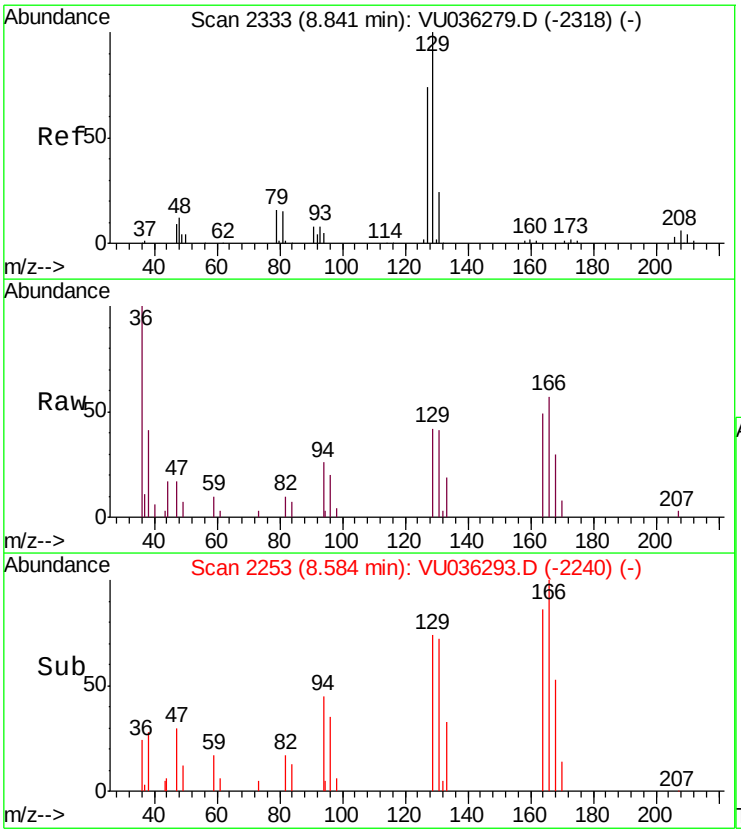
#48
2-Hexanone
Concen: 2.597 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument : MSVOA_U
ClientSampleId : BFDW8

Tgt Ion: 43 Resp: 20600

Ion	Ratio	Lower	Upper
43	100		
58	29.7	46.2	69.2#
57	40.3	16.2	24.4#
100	3.7	10.2	15.4#

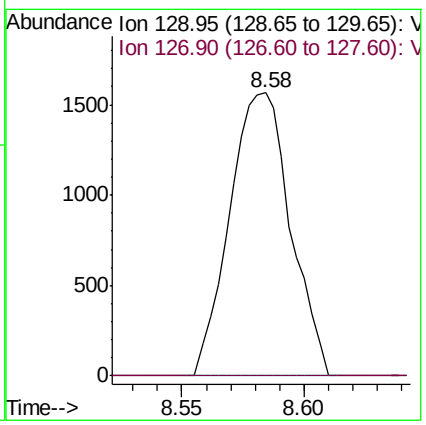


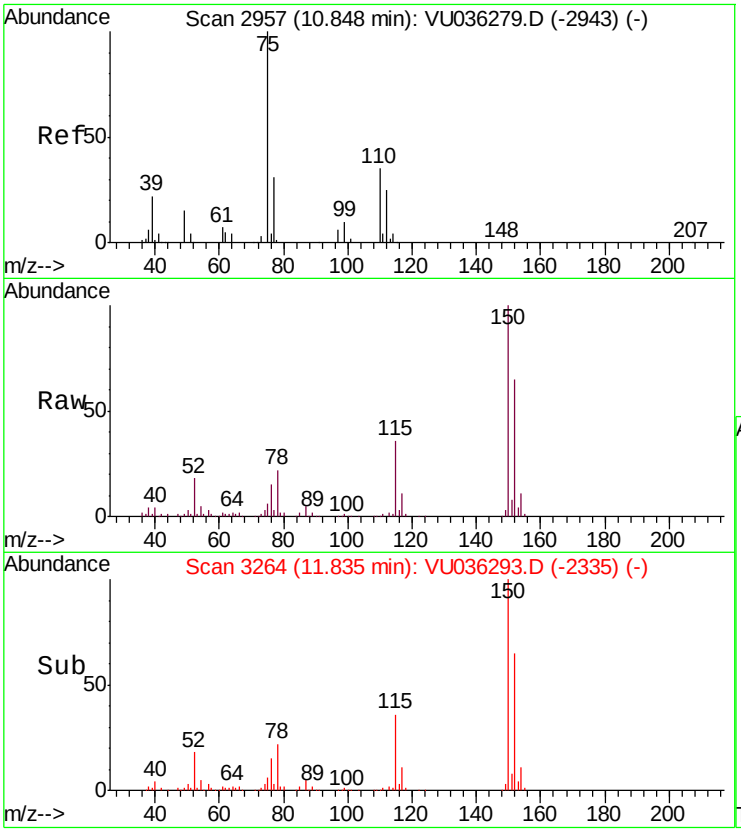


#49
Dibromochloromethane
Concen: 0.144 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Tgt Ion:129 Resp: 2704

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#59
1,2,3-Trichloropropane
Concen: 0.801 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036293.D
Acq: 19 Dec 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
BFDW8

Tgt Ion: 75 Resp: 10822

Ion	Ratio	Lower	Upper
75	100		
77	38.9	27.2	40.8