Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\

Quantitation Report (Not Reviewed)

Data File : VU036244.D
Acq On : 16 Dec 2019 19:20
Operator : JC/MD
Sample : K6275-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDS6

Quant Time: Dec 17 01:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237217	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	260287	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82689	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.62	65	83098	3.98	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%				
7) Chloroethane-d5	1.93	69	83712	4.47	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%				
11) 1,1-Dichloroethene-d2	2.59	63	94276	3.13	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.60%				
20) 2-Butanone-d5	4.68	46	182135	46.54	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.08%				
24) Chloroform-d	5.11	84	153293	4.56	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%				
26) 1,2-Dichloroethane-d4	5.75	65	84828	4.81	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%				
32) Benzene-d6	5.77	84	290074	4.43	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%				
36) 1,2-Dichloropropane-d6	6.73	67	96899	4.70	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%				
41) Toluene-d8	7.93	98	239352	3.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%				
43) trans-1,3-Dichloropropene-	8.21	79	35878	4.23	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%				
46) 2-Hexanone-d5	8.68	63	155028	47.80	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.60%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88319	4.69	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%				
64) 1,2-Dichlorobenzene-d4	12.22	152	78613	4.97	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	2.16	101	739264	18.611	ug/L		97
12) 1,1-Dichloroethene	2.61	96	8435	0.479	ug/L	#	1
13) Acetone	2.66	43	11691	3.428	ug/L		96
14) Carbon disulfide	2.82	76	44321	0.751	ug/L		100
15) Methyl Acetate	2.99	43	1570	0.228	ug/L	#	49
17) Methyl tert-butyl Ether	3.41	73	50391	1.336	ug/L	#	90
18) trans-1,2-Dichloroethene	3.39	96	1933	0.105	ug/L		89
19) 1,1-Dichloroethane	3.92	63	8123	0.239	ug/L		92
22) cis-1,2-Dichloroethene	4.72	96	27575	1.395	ug/L		91
25) Chloroform	5.14	83	15996	0.435	ug/L		98
29) 1,1,1-Trichloroethane	5.36	97	2011	0.063	ug/L	#	79
34) Trichloroethene	6.58	95	5728711	277.779	ug/L		97
35) Methylcyclohexane	6.73	83	22491	0.767	ug/L	#	18
37) 1,2-Dichloropropane	6.73	63	9777	0.479	ug/L	#	86
39) cis-1,3-Dichloropropene	7.61	75	2576	0.093	ug/L	#	79
47) Tetrachloroethene	8.58	164	3003	0.161	ug/L		83
48) 2-Hexanone	8.73	43	8284	1.040	ug/L	#	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\

Quantitation Report (Not Reviewed)

Data File : VU036244.D
Acq On : 16 Dec 2019 19:20
Operator : JC/MD
Sample : K6275-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDS6

Quant Time: Dec 17 01:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.58	129	2389	0.126	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9957	0.734	ug/L	100

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

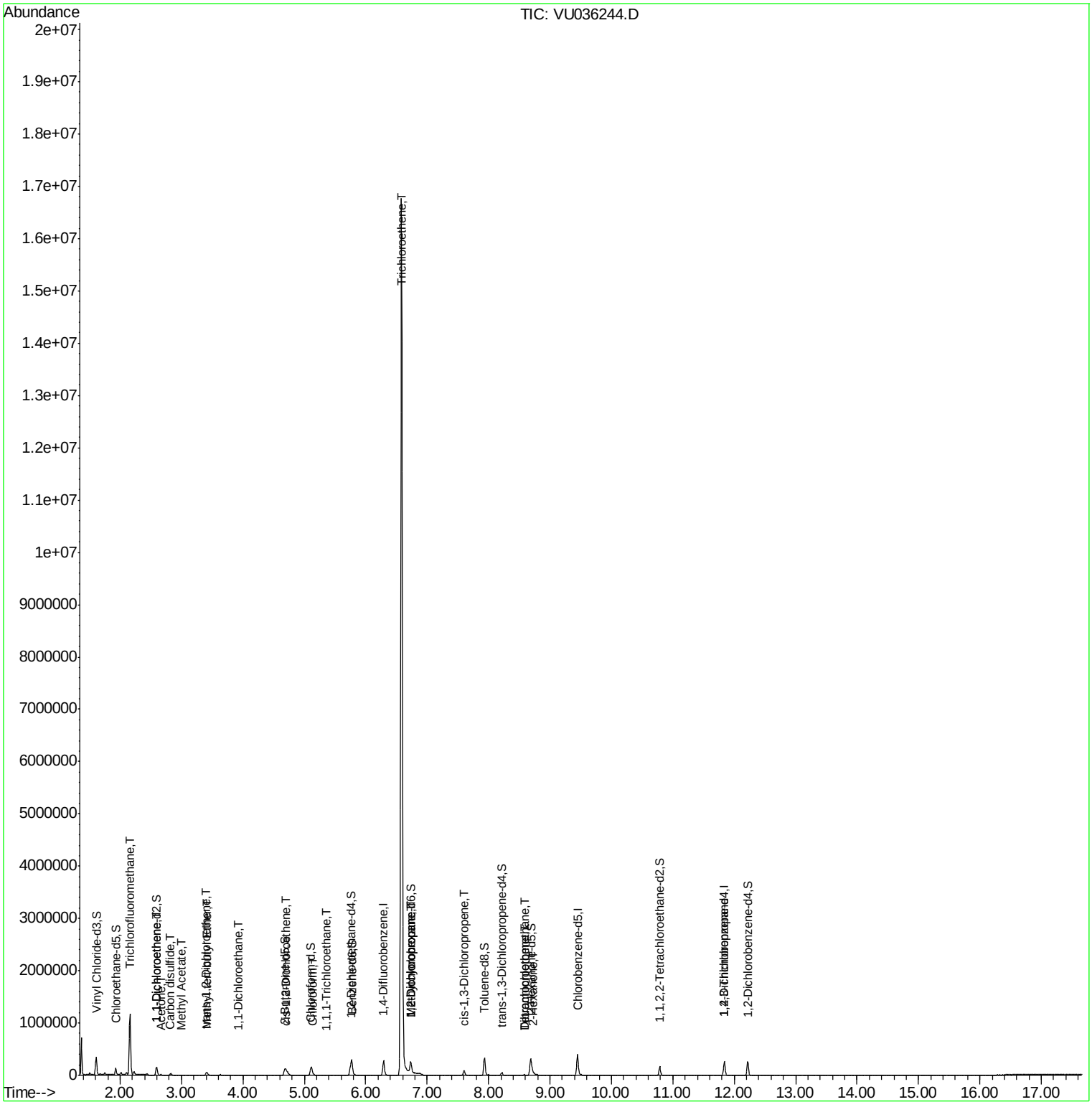
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\

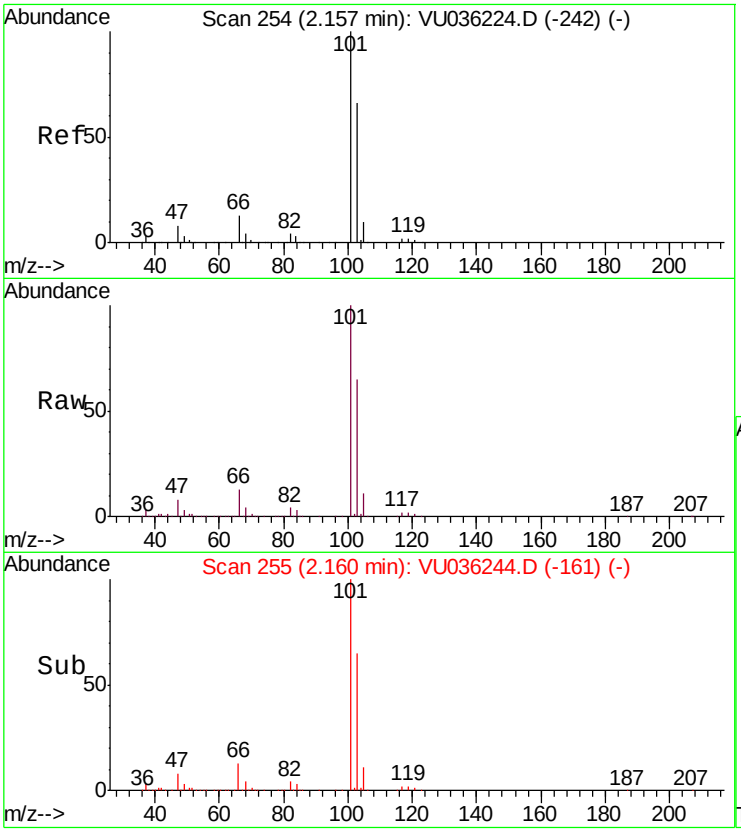
Quantitation Report (Not Reviewed)

Data File : VU036244.D
Acq On : 16 Dec 2019 19:20
Operator : JC/MD
Sample : K6275-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Quant Time: Dec 17 01:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration



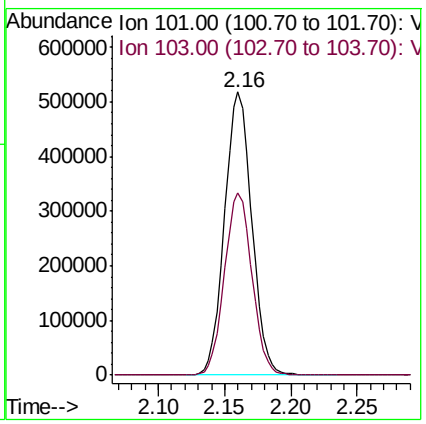


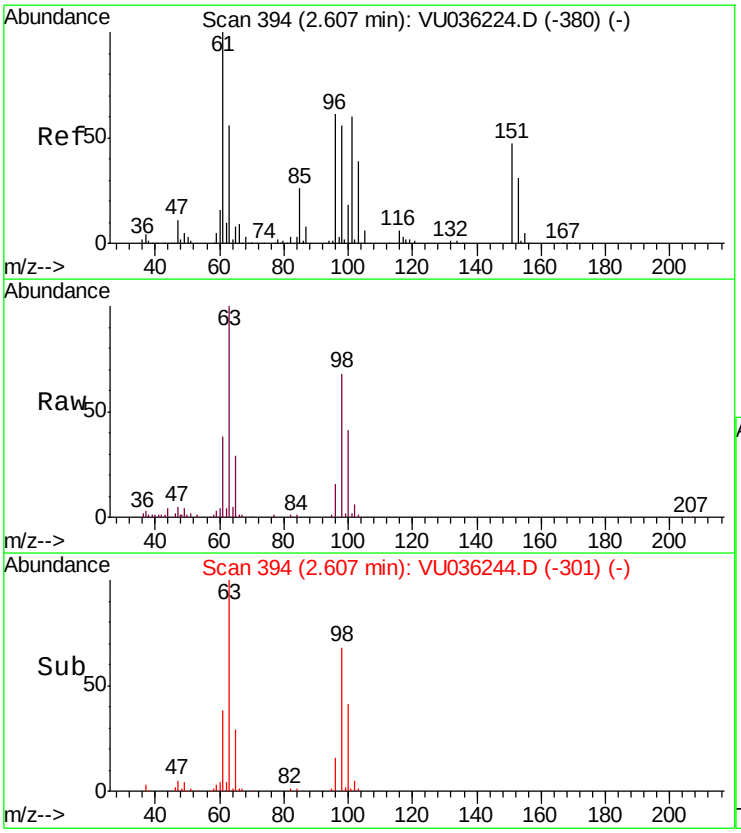
#9
Trichlorofluoromethane
Concen: 18.611 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion:101 Resp: 739264

Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.4	75.6

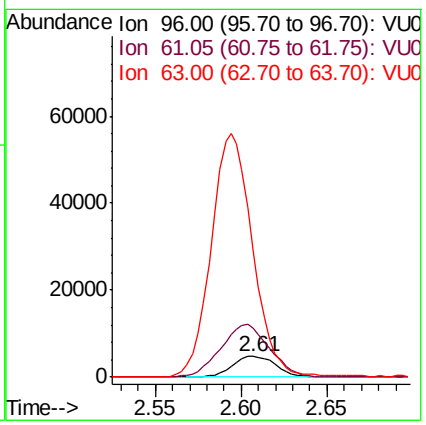


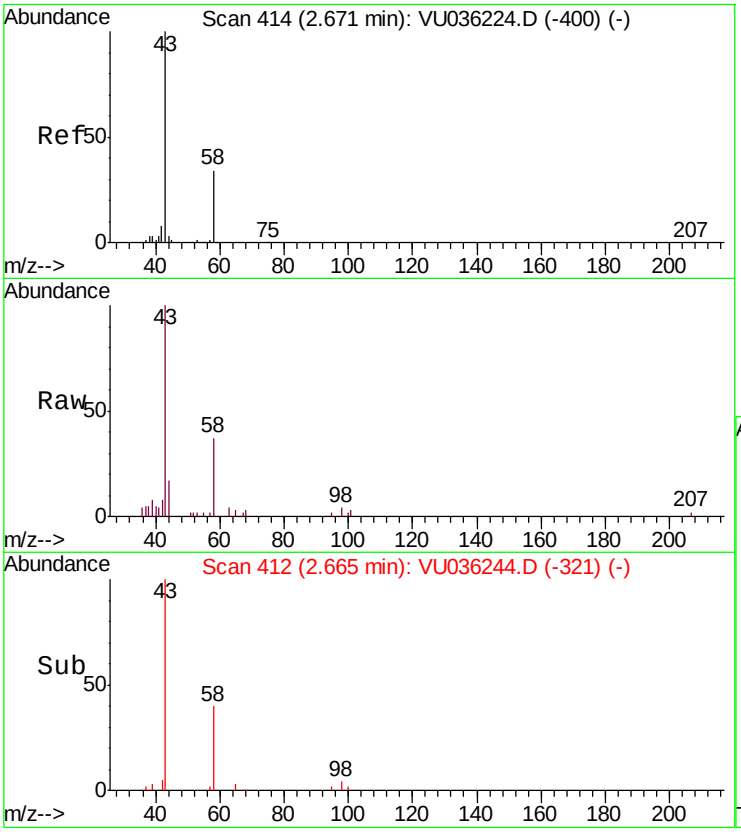


#12
1,1-Dichloroethene
Concen: 0.479 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 96 Resp: 8435

Ion	Ratio	Lower	Upper
96	100		
61	236.7	114.0	211.8#
63	619.6	63.6	118.0#



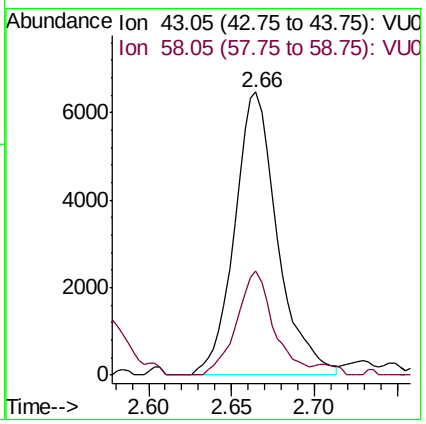


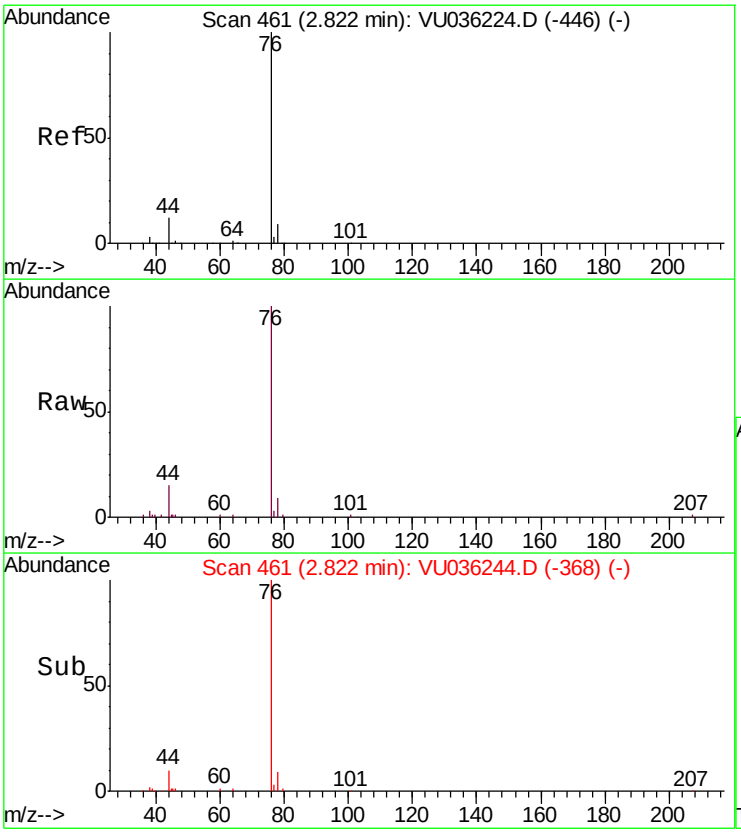
#13
Acetone
Concen: 3.428 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 43 Resp: 11691

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	67.6

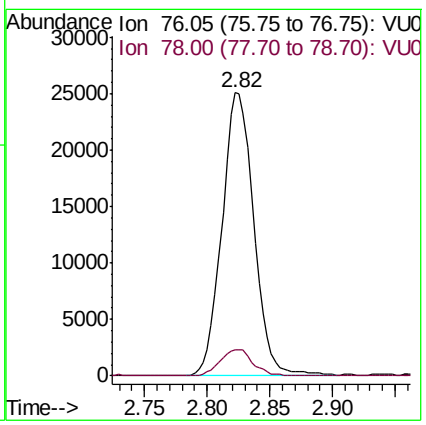


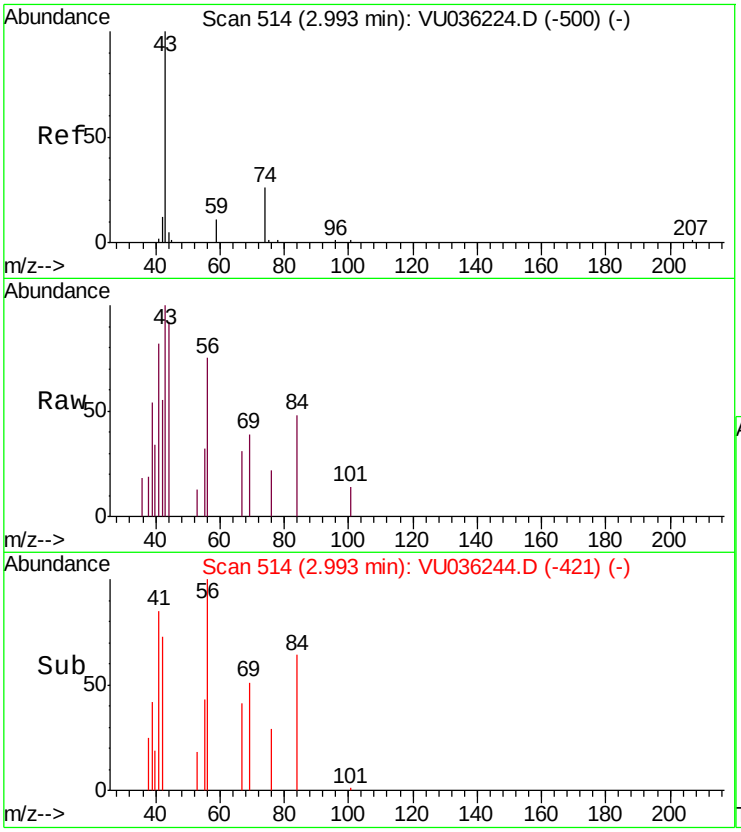


#14
Carbon disulfide
Concen: 0.751 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 76 Resp: 44321

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



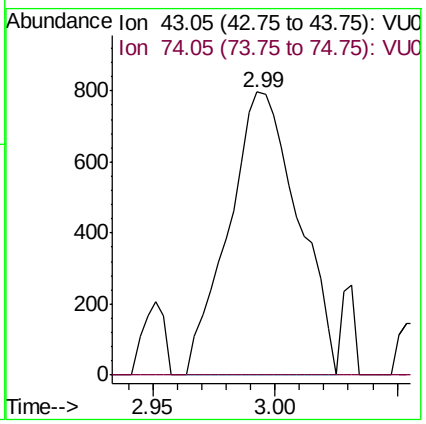


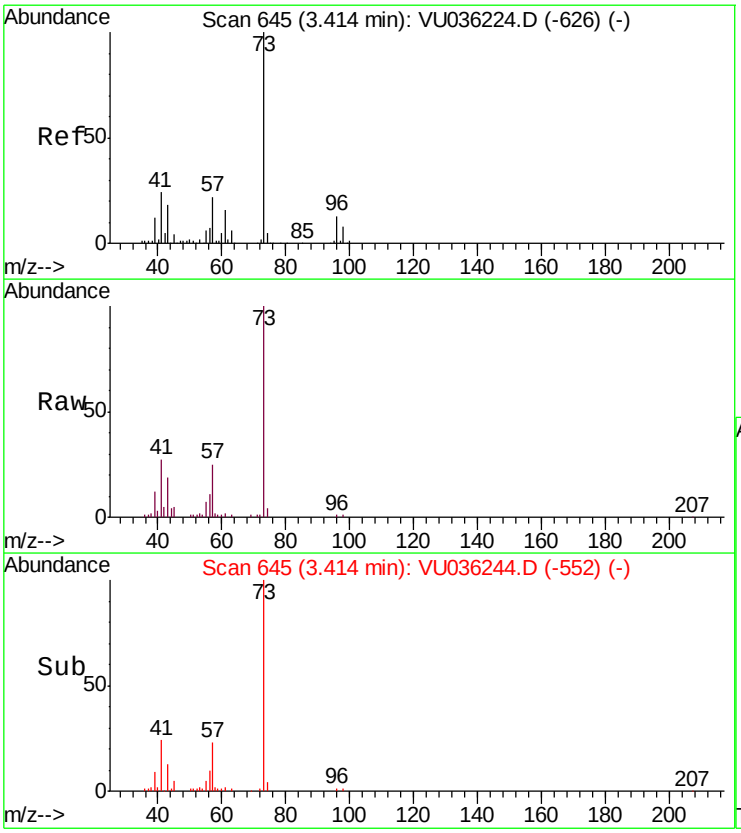
#15
Methyl Acetate
Concen: 0.228 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 43 Resp: 1570

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

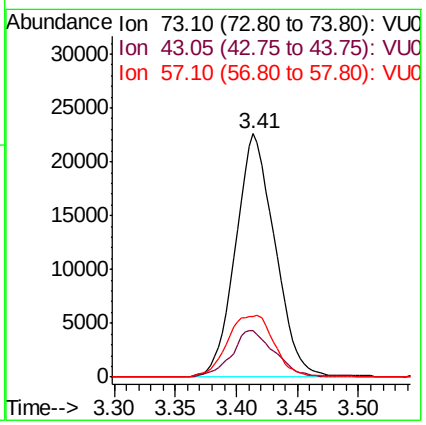


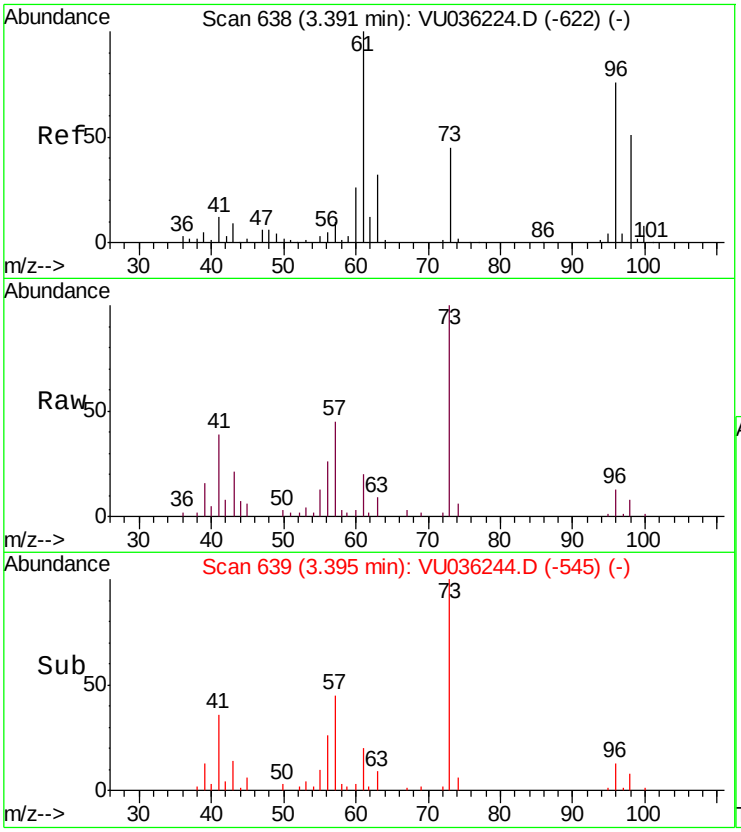


#17
Methyl tert-butyl Ether
Concen: 1.336 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 73 Resp: 50391

Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.3	22.9
57	30.0	18.2	27.2#



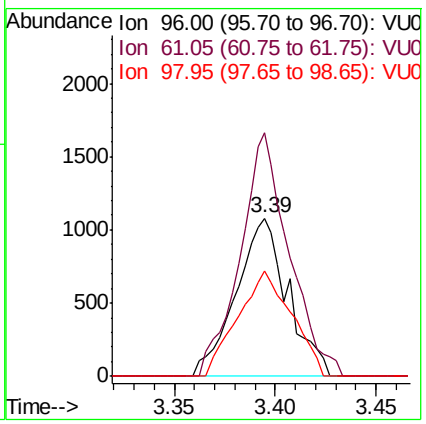


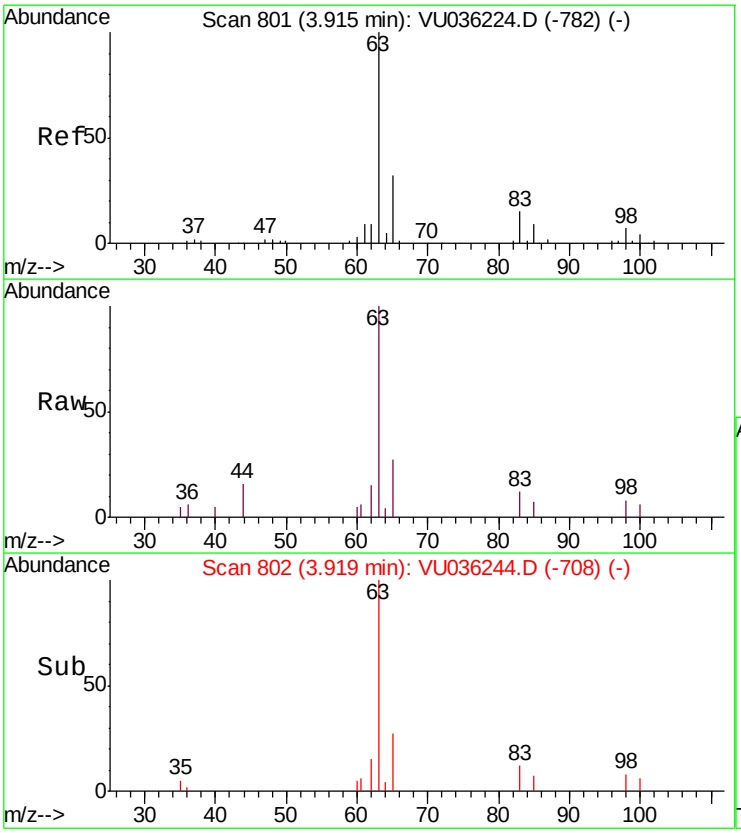
#18
trans-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 96 Resp: 1933

Ion	Ratio	Lower	Upper
96	100		
61	154.1	94.8	176.2
98	66.4	46.8	86.8

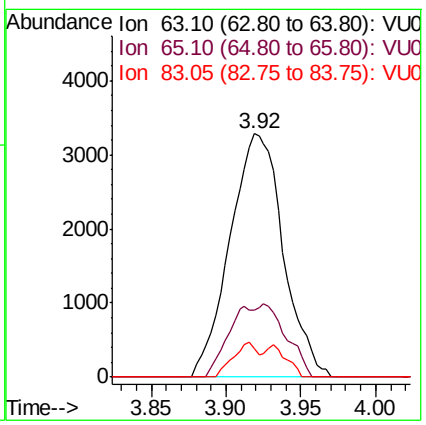


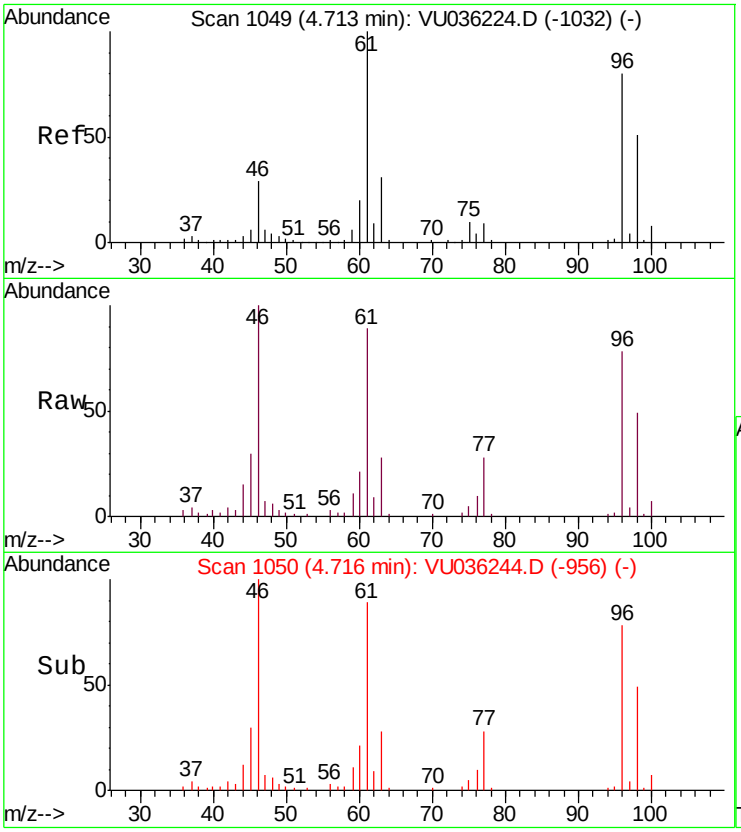


#19
1,1-Dichloroethane
Concen: 0.239 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 63 Resp: 8123

Ion	Ratio	Lower	Upper
63	100		
65	27.5	22.6	42.0
83	11.7	9.7	18.1



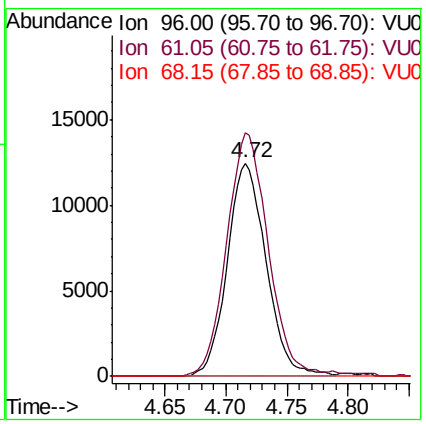


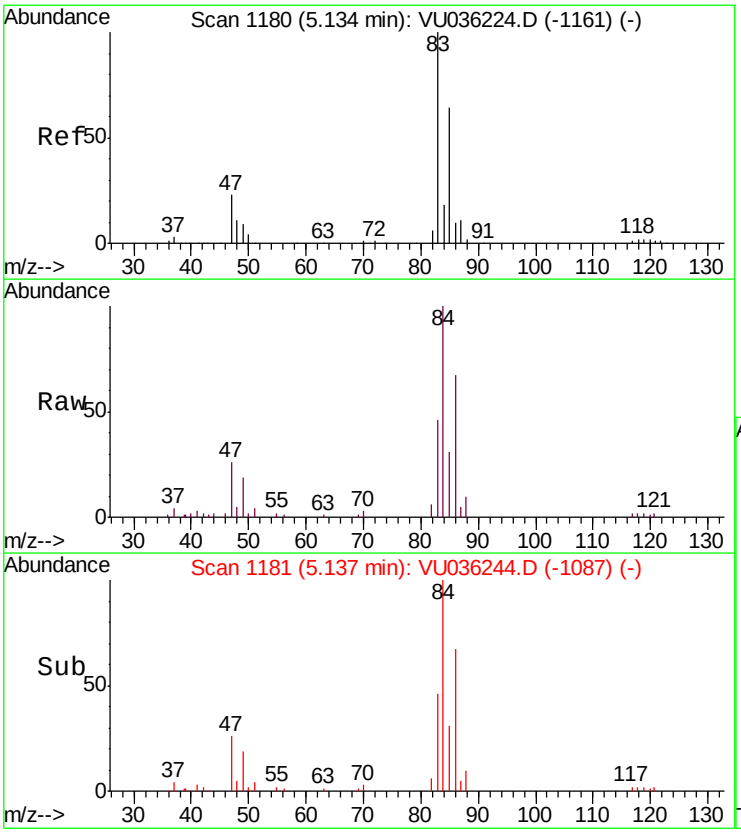
#22
cis-1,2-Dichloroethene
Concen: 1.395 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 96 Resp: 27575

Ion	Ratio	Lower	Upper
96	100		
61	114.1	86.7	161.1
68	0.0	0.0	0.0

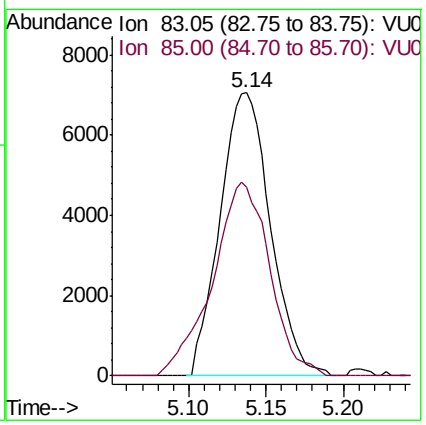


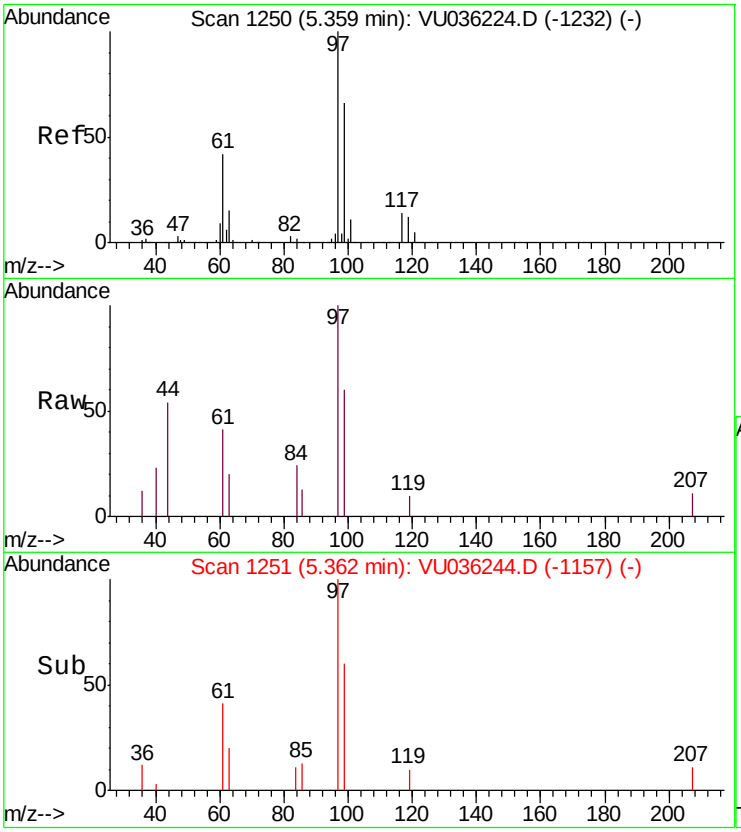


#25
Chloroform
Concen: 0.435 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 83 Resp: 15996

Ion	Ratio	Lower	Upper
83	100		
85	66.4	47.5	88.1



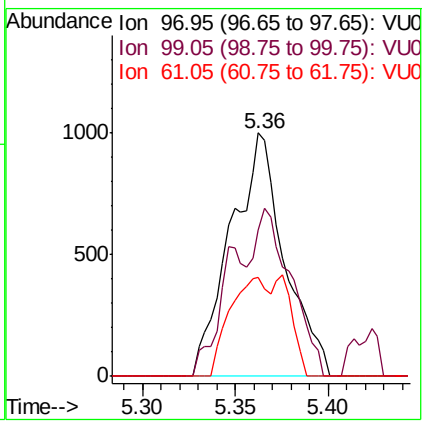


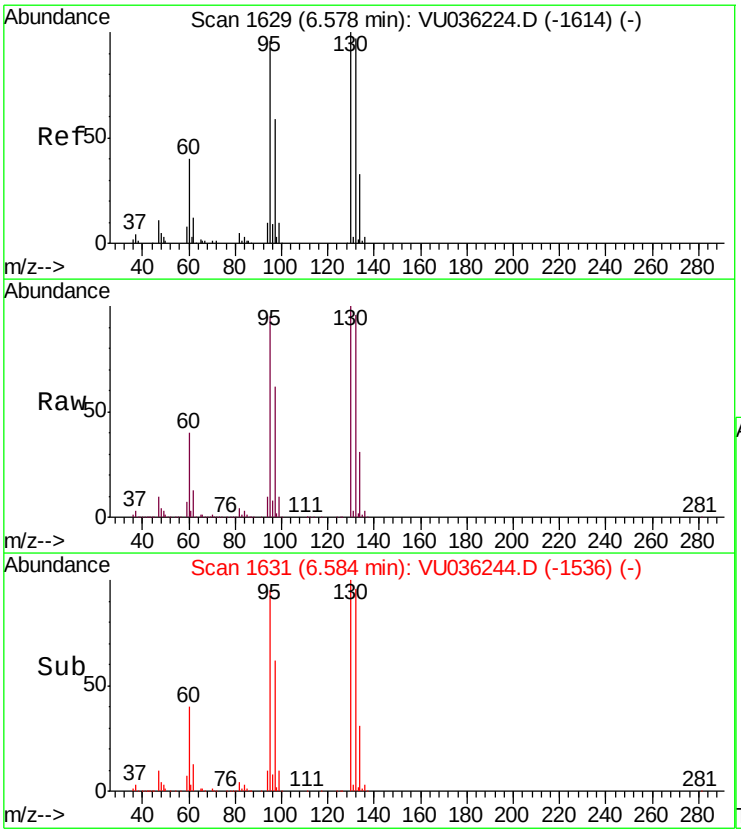
#29
1,1,1-Trichloroethane
Concen: 0.063 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 97 Resp: 2011

Ion	Ratio	Lower	Upper
97	100		
99	47.9	51.4	77.2#
61	29.9	35.0	52.6#

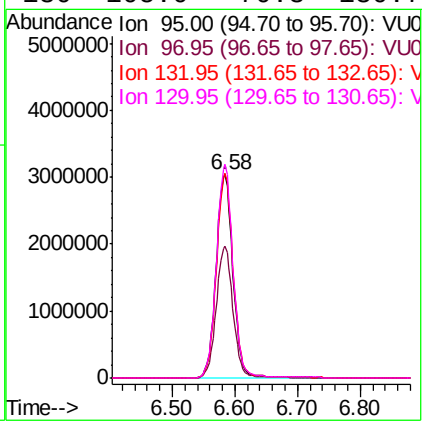


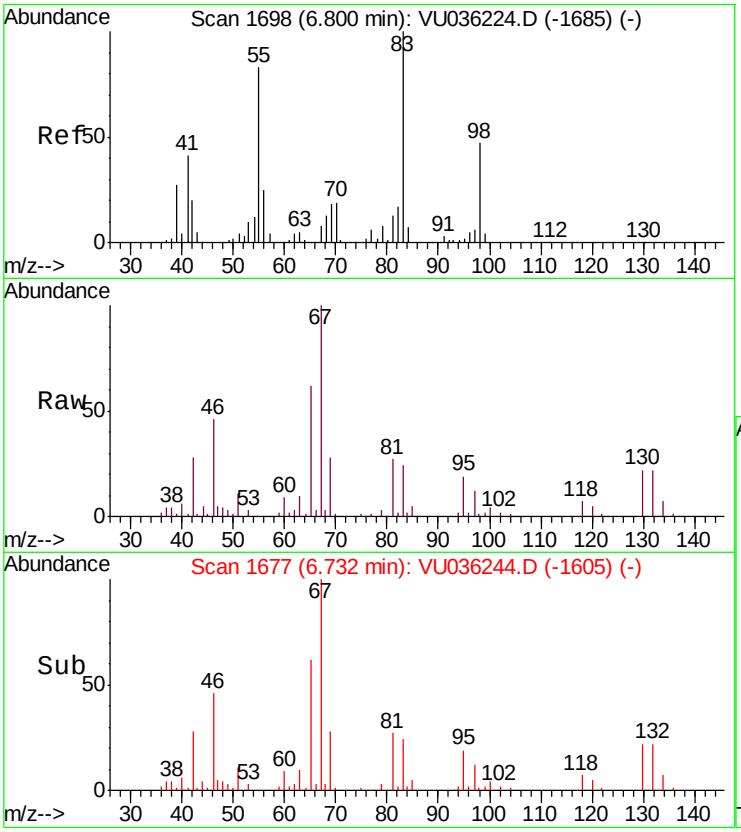


#34
Trichloroethene
Concen: 277.779 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 95 Resp: 5728711

Ion	Ratio	Lower	Upper
95	100		
97	64.8	43.6	81.0
132	100.7	69.6	129.2
130	105.0	70.3	130.7



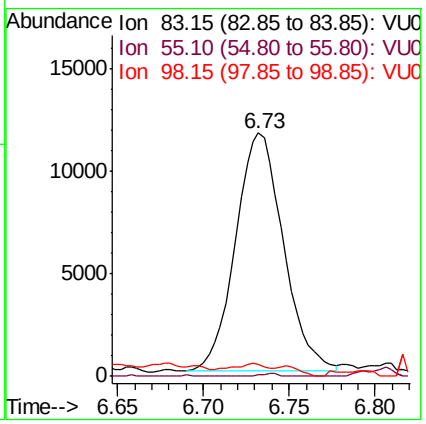


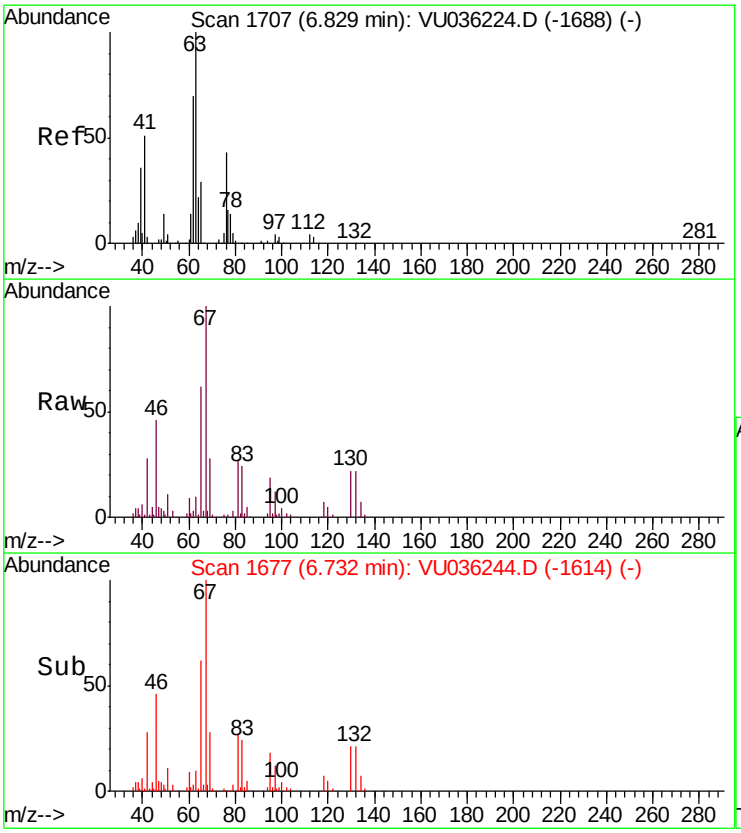
#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 83 Resp: 22491

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

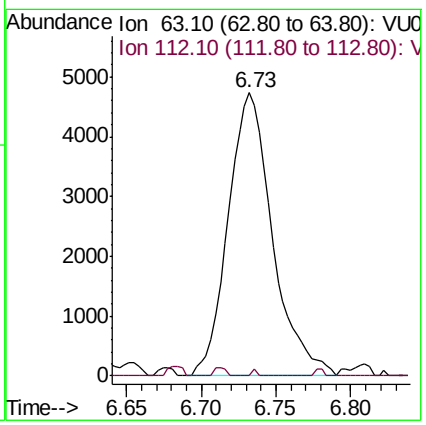


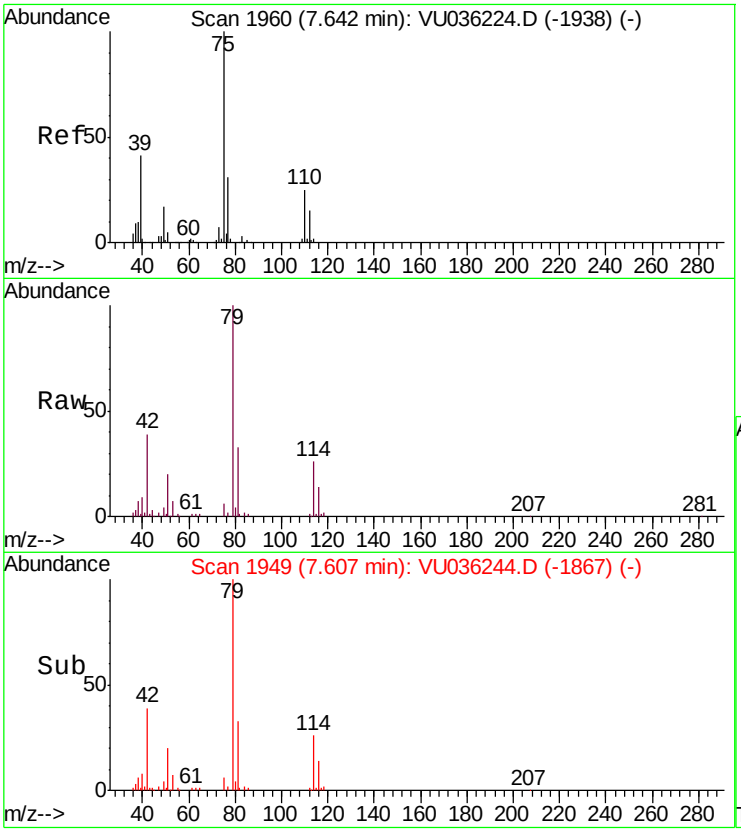


#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion: 63 Resp: 9777

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#



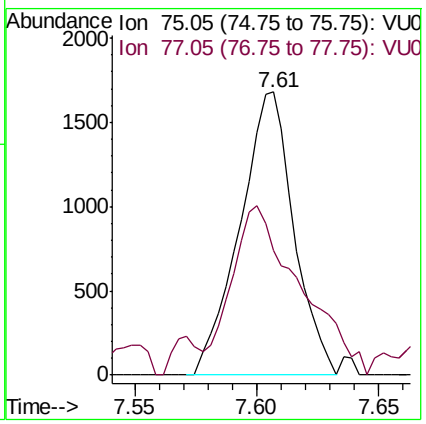


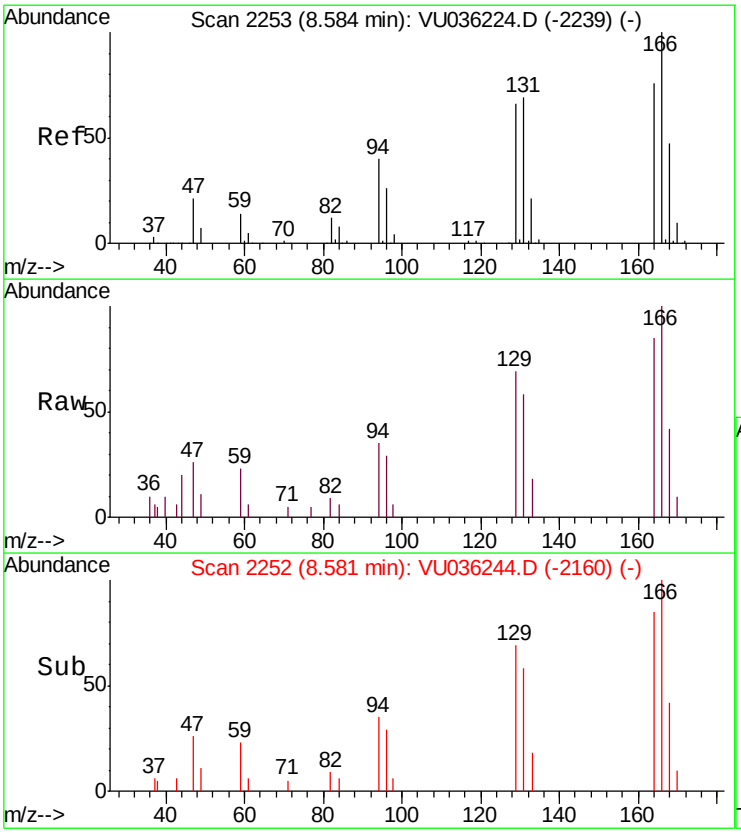
#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 75 Resp: 2576

Ion	Ratio	Lower	Upper
75	100		
77	44.3	22.7	42.1#

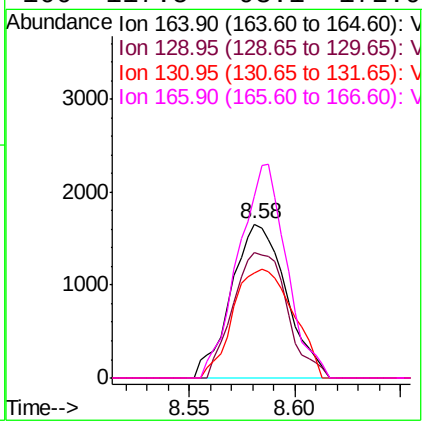


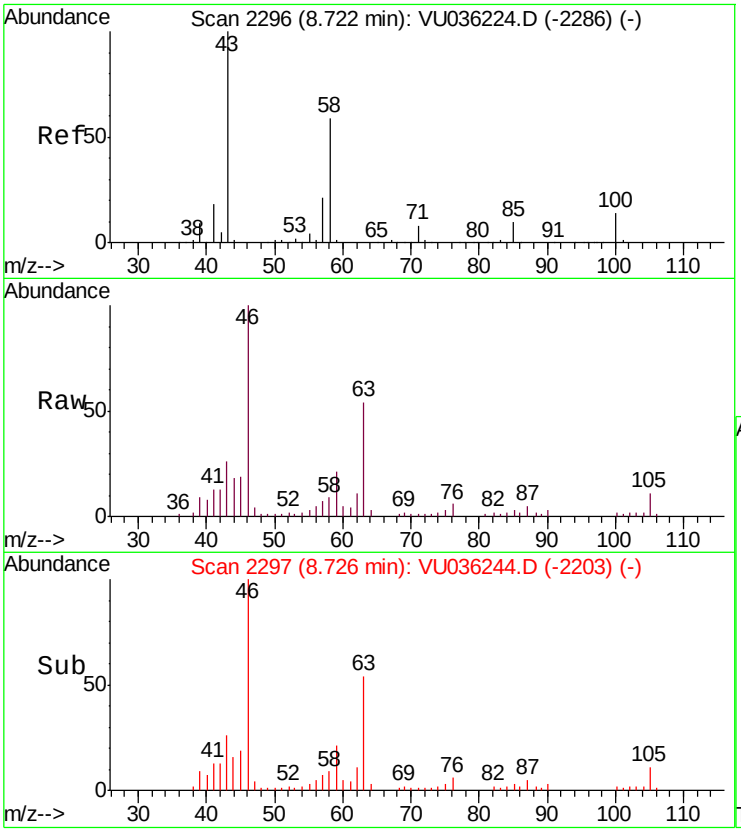


#47
Tetrachloroethene
Concen: 0.161 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion:164 Resp: 3003

Ion	Ratio	Lower	Upper
164	100		
129	81.3	64.2	119.2
131	68.3	66.6	123.8
166	117.5	93.1	172.9



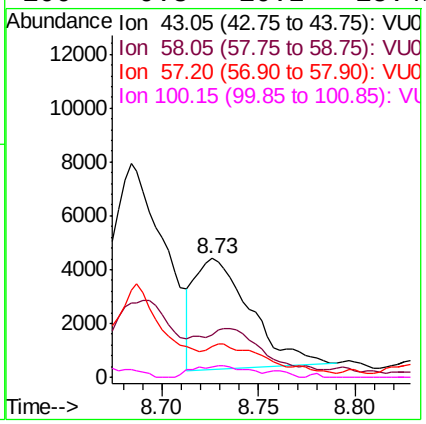


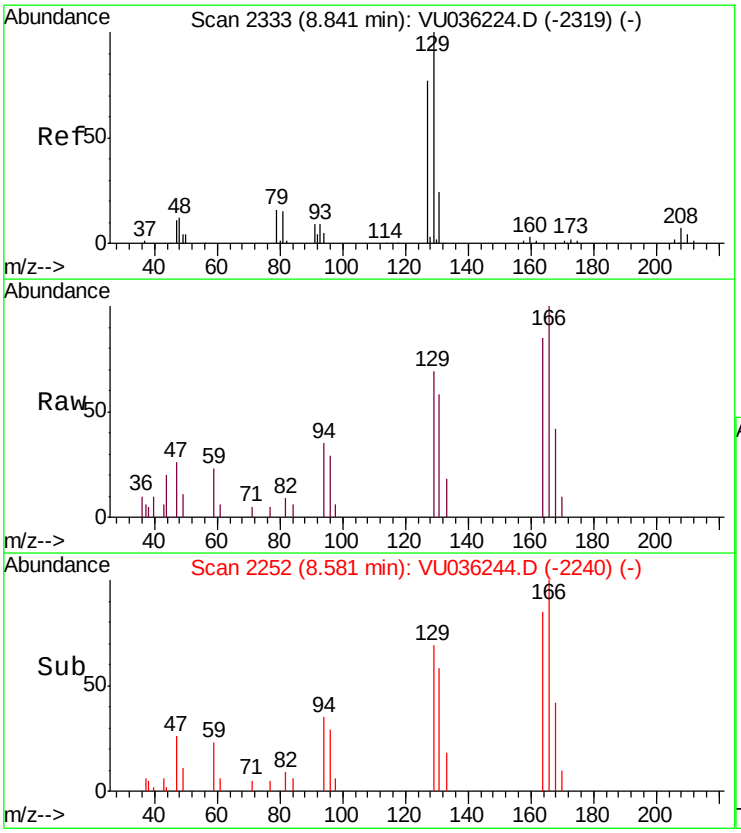
#48
2-Hexanone
Concen: 1.040 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument : MSVOA_U
ClientSampleId : BFDS6

Tgt Ion: 43 Resp: 8284

Ion	Ratio	Lower	Upper
43	100		
58	43.4	46.2	69.2#
57	28.3	16.2	24.4#
100	9.8	10.2	15.4#

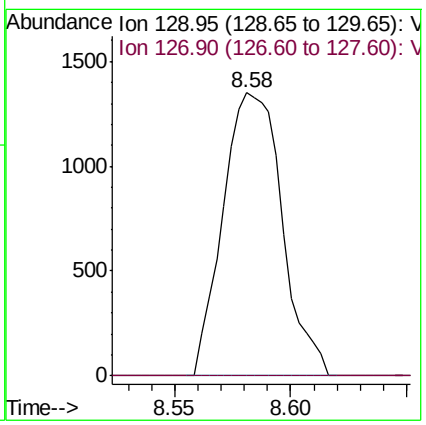


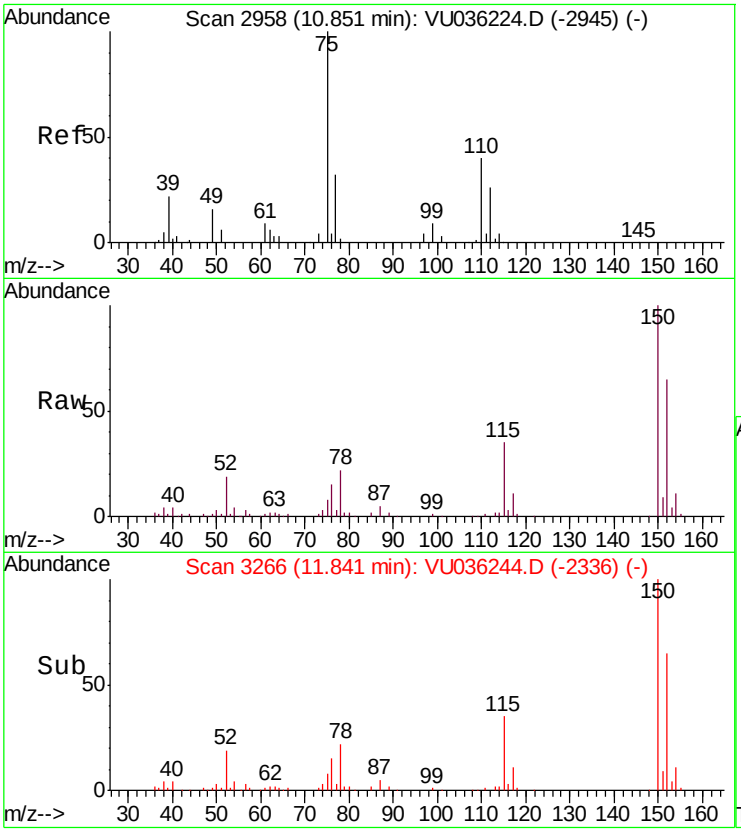


#49
Dibromochloromethane
Concen: 0.126 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Tgt Ion:129 Resp: 2389

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#59
1,2,3-Trichloropropane
Concen: 0.734 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036244.D
Acq: 16 Dec 2019 19:20

Instrument :
MSVOA_U
ClientSampleId :
BFDS6

Tgt Ion: 75 Resp: 9957

Ion	Ratio	Lower	Upper
75	100		
77	34.2	27.2	40.8