Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU035993.D
Acq On : 05 Dec 2019 14:45
Operator : JC/SP
Sample : K6105-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE26

Quant Time: Dec 06 01:00:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112014	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	135671	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.93	69	115621	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.59	63	166421	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	4.70	46	283631	45.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.70%			
24) Chloroform-d	5.11	84	217912	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.75	65	115190	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.77	84	423028	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.73	67	140673	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.93	98	354836	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
43) trans-1,3-Dichloropropene-	8.22	79	52456	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.68	63	214207	41.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.72%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117358	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	113218	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4323	0.184	ug/L #	78
12) 1,1-Dichloroethene	2.61	96	19626	0.894	ug/L #	9
13) Acetone	2.69	43	5812	1.039	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	9617	0.187	ug/L	92
19) 1,1-Dichloroethane	3.92	63	8553	0.188	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	85446	3.478	ug/L	98
25) Chloroform	5.14	83	41554	0.906	ug/L	95
29) 1,1,1-Trichloroethane	5.36	97	6952	0.169	ug/L	94
31) Carbon tetrachloride	5.57	117	34593	0.949	ug/L	98
34) Trichloroethene	6.58	95	534687	19.776	ug/L	96
35) Methylcyclohexane	6.73	83	33244	0.820	ug/L #	17
47) Tetrachloroethene	8.58	164	118290	5.383	ug/L	98
48) 2-Hexanone	8.68	43	24557	1.954	ug/L #	67
49) Dibromochloromethane	8.58	129	105206	4.377	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	12523	0.665	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU035993.D
Acq On : 05 Dec 2019 14:45
Operator : JC/SP
Sample : K6105-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE26

Quant Time: Dec 06 01:00:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

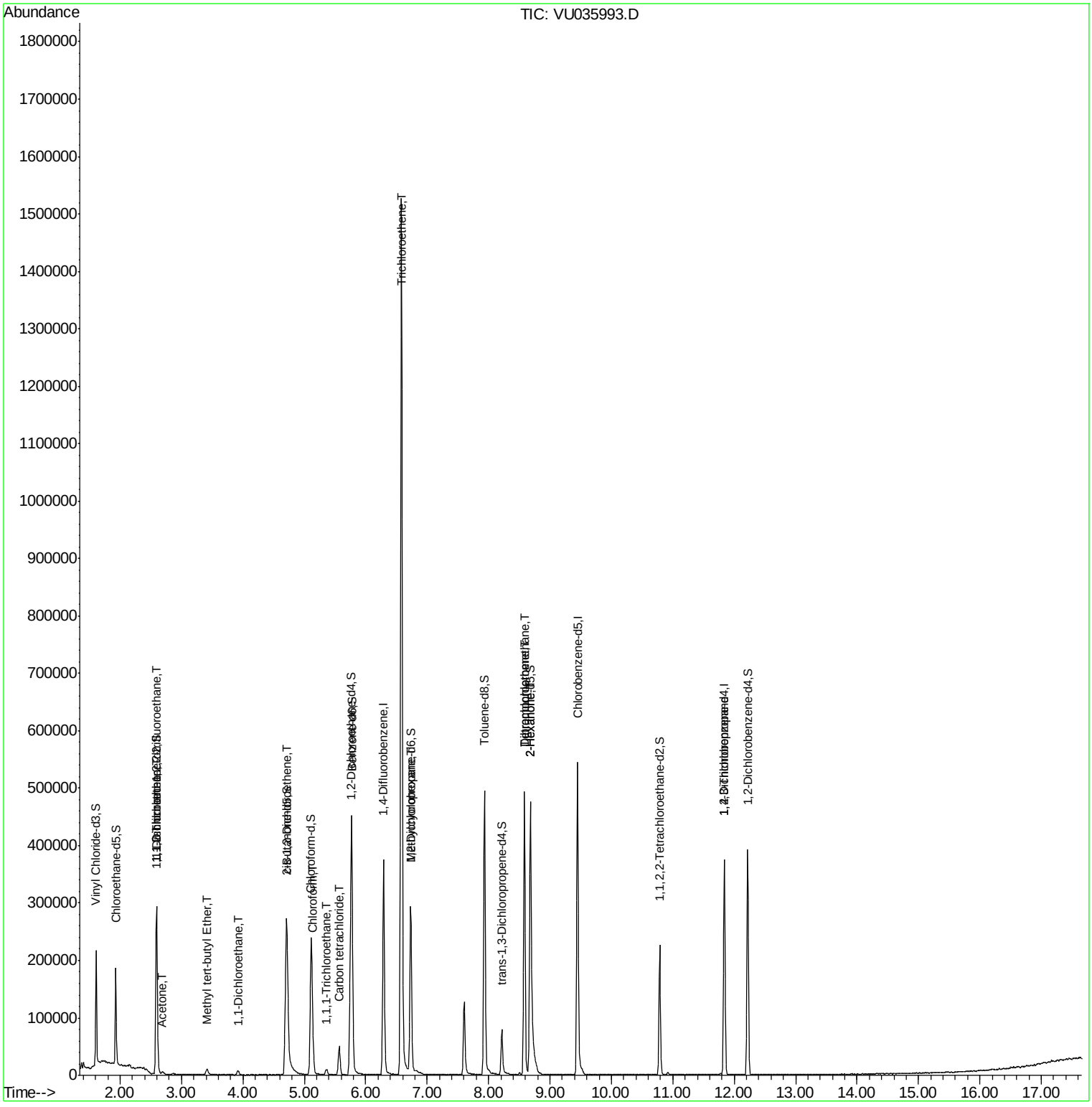
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

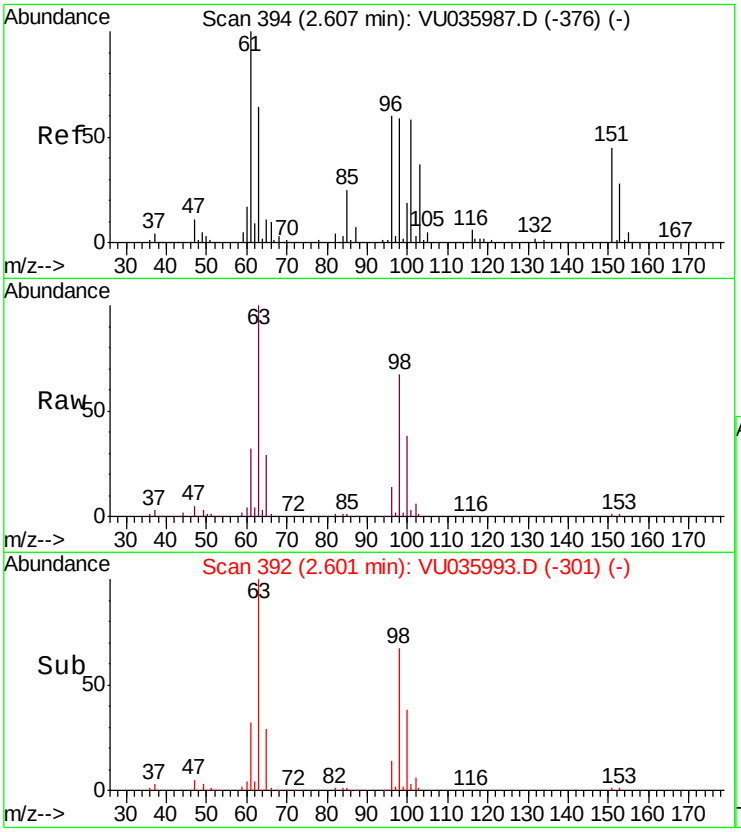
Quantitation Report (Not Reviewed)

Data File : VU035993.D
Acq On : 05 Dec 2019 14:45
Operator : JC/SP
Sample : K6105-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE26

Quant Time: Dec 06 01:00:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration



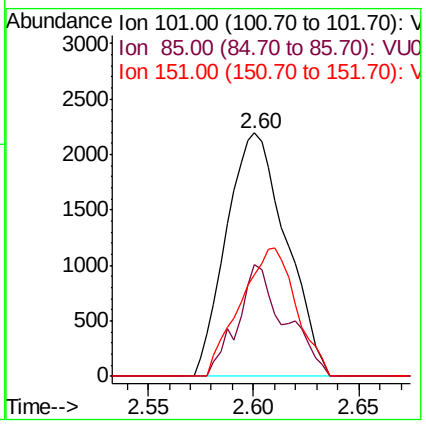


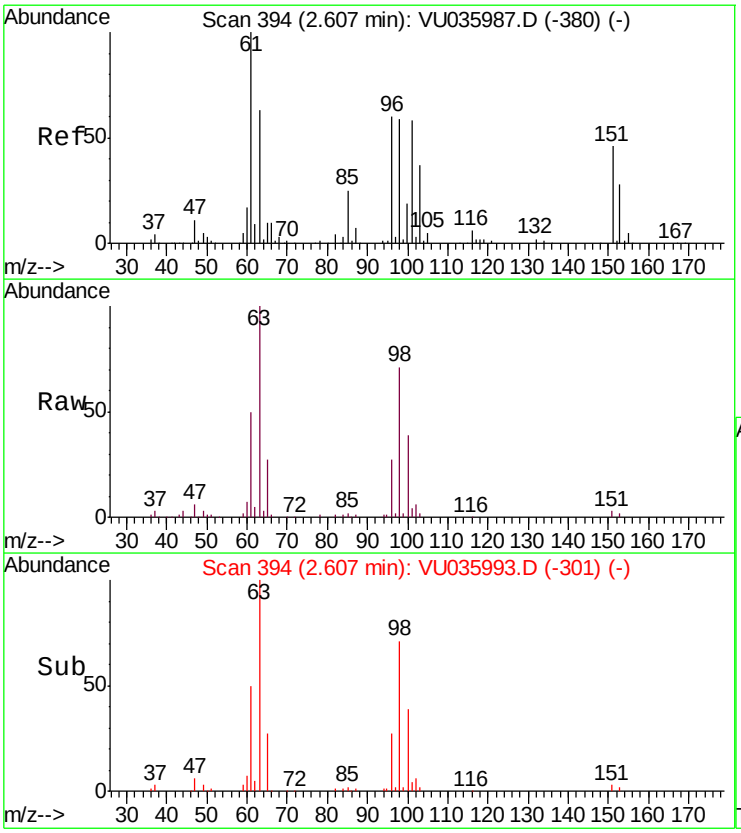
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.184 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument : MSVOA_U
ClientSampleId : BFE26

Tgt Ion:101 Resp: 4323

Ion	Ratio	Lower	Upper
101	100		
85	36.5	35.5	53.3
151	49.2	57.5	86.3#

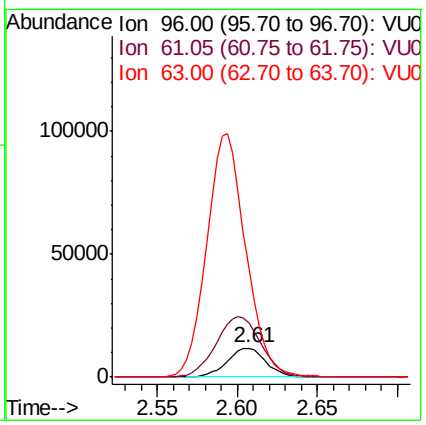


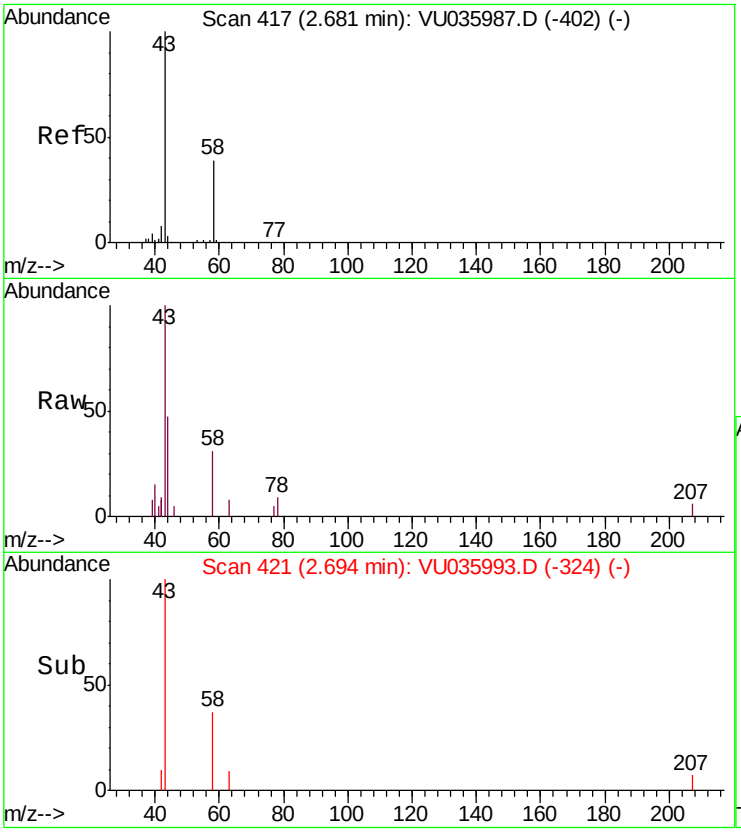


#12
1,1-Dichloroethene
Concen: 0.894 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion: 96 Resp: 19626

Ion	Ratio	Lower	Upper
96	100		
61	184.8	127.1	236.1
63	372.9	86.0	159.8#



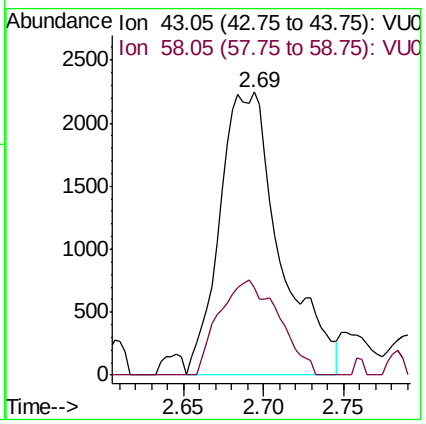


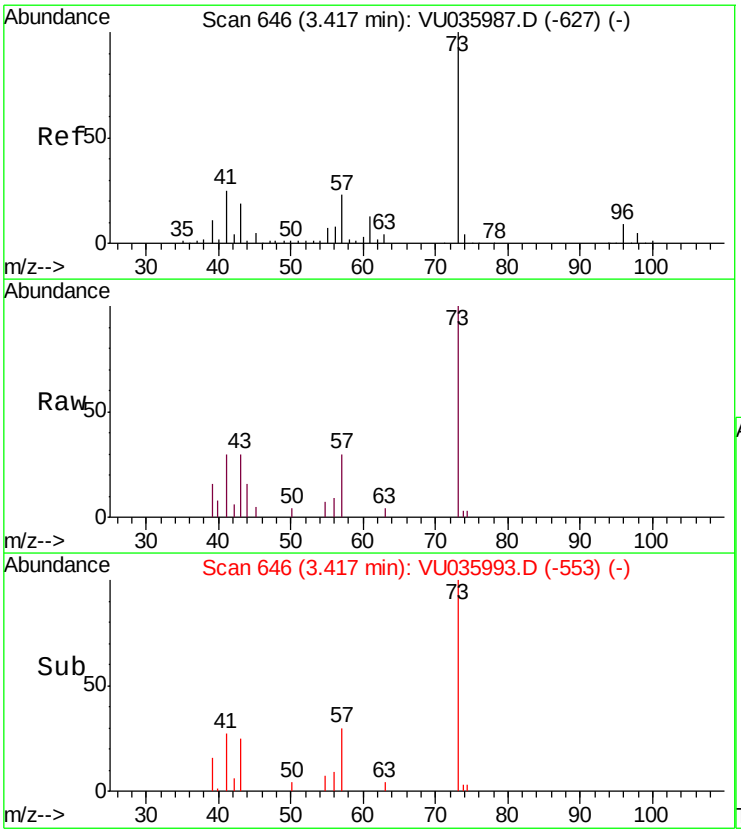
#13
Acetone
Concen: 1.039 ug/L
RT: 2.69 min Scan# 421
Delta R.T. 0.01 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
BFE26

Tgt Ion: 43 Resp: 5812

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	68.6

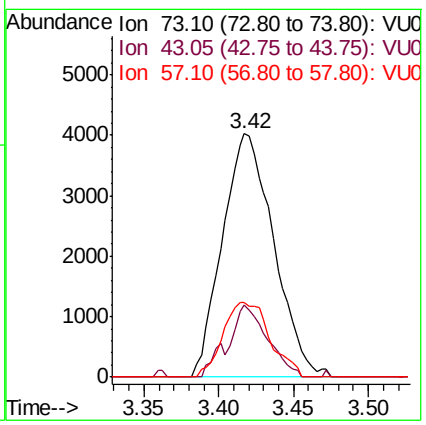


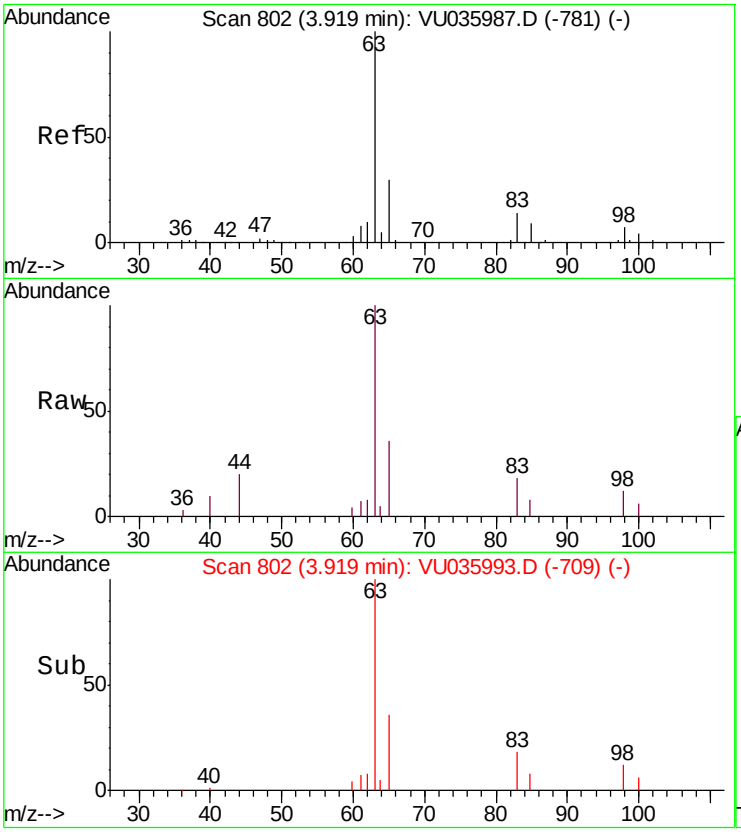


#17
Methyl tert-butyl Ether
Concen: 0.187 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion: 73 Resp: 9617

Ion	Ratio	Lower	Upper
73	100		
43	23.0	15.9	23.9
57	28.1	18.8	28.2



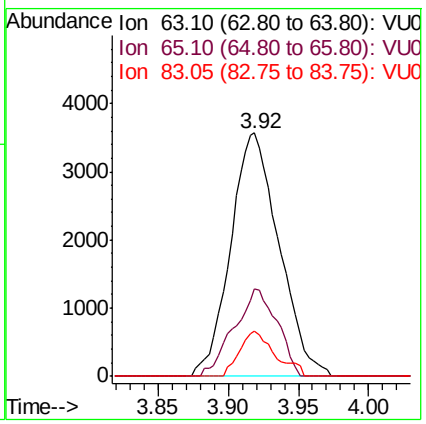


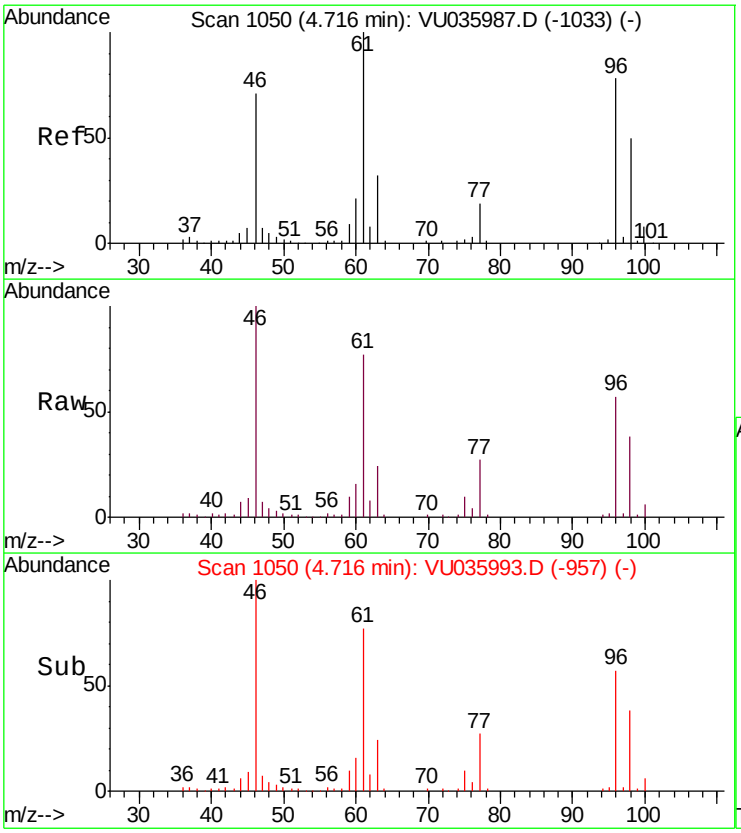
#19
1,1-Dichloroethane
Concen: 0.188 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument : MSVOA_U
ClientSampleId : BFE26

Tgt Ion: 63 Resp: 8553

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.4	41.6
83	17.5	9.8	18.2

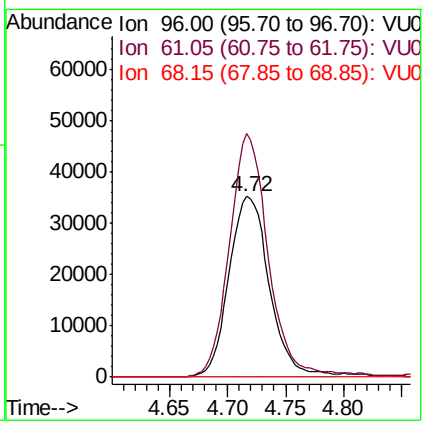


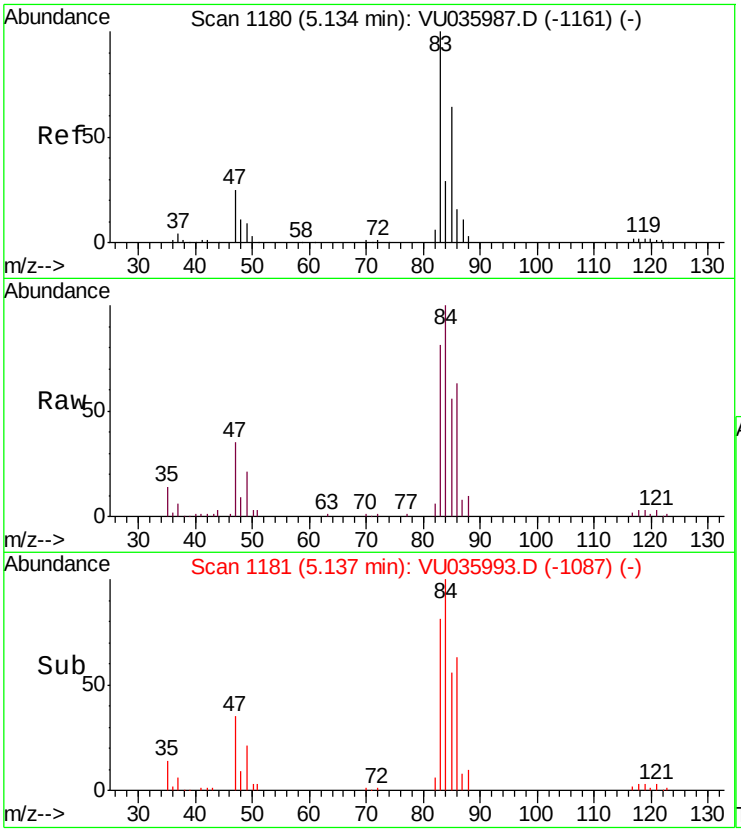


#22
cis-1,2-Dichloroethene
Concen: 3.478 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion: 96 Resp: 85446

Ion	Ratio	Lower	Upper
96	100		
61	134.9	95.7	177.7
68	0.0	0.0	0.0



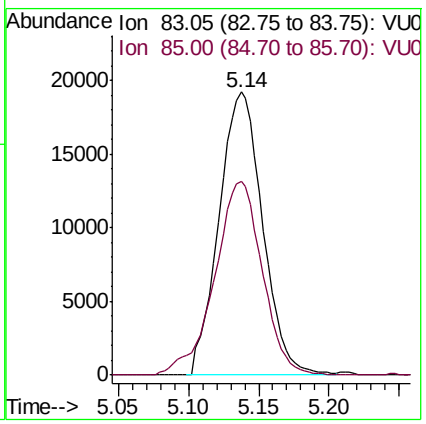


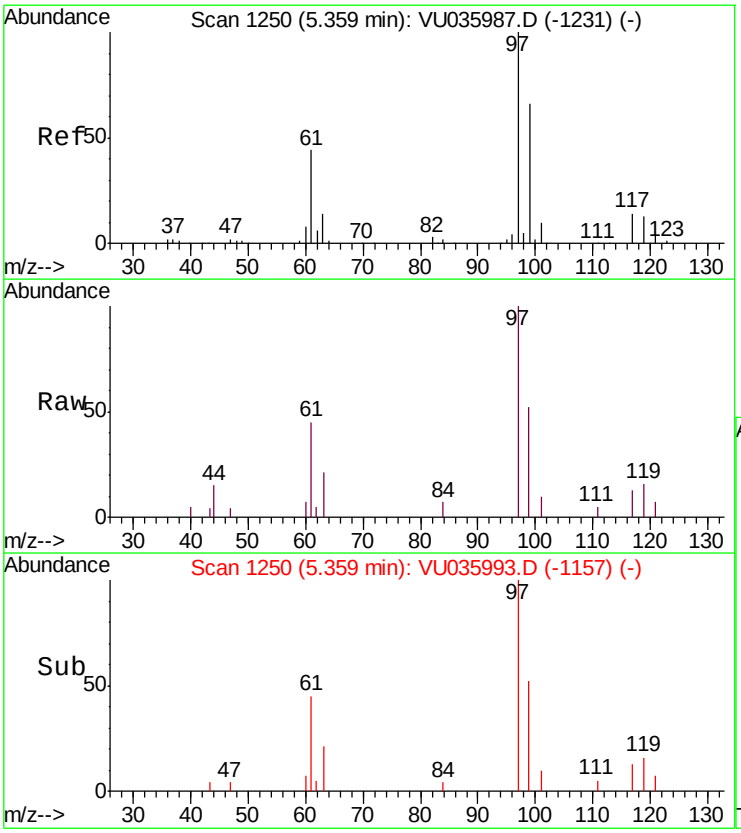
#25
Chloroform
Concen: 0.906 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
BFE26

Tgt Ion: 83 Resp: 41554

Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.4	84.2

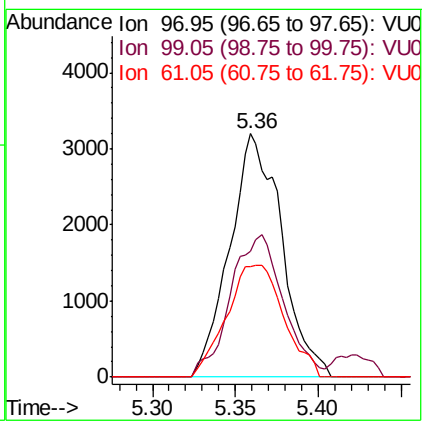


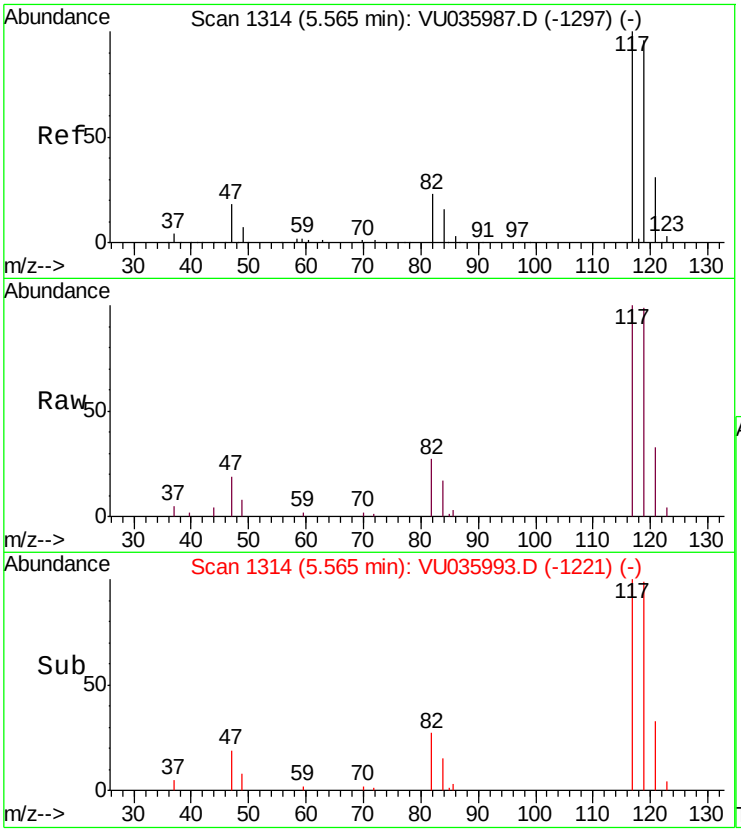


#29
1,1,1-Trichloroethane
Concen: 0.169 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion: 97 Resp: 6952

Ion	Ratio	Lower	Upper
97	100		
99	59.7	51.8	77.8
61	50.8	37.6	56.4



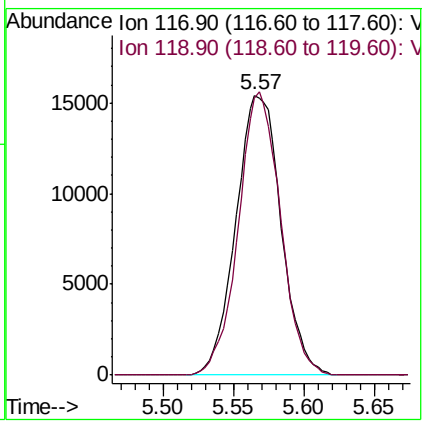


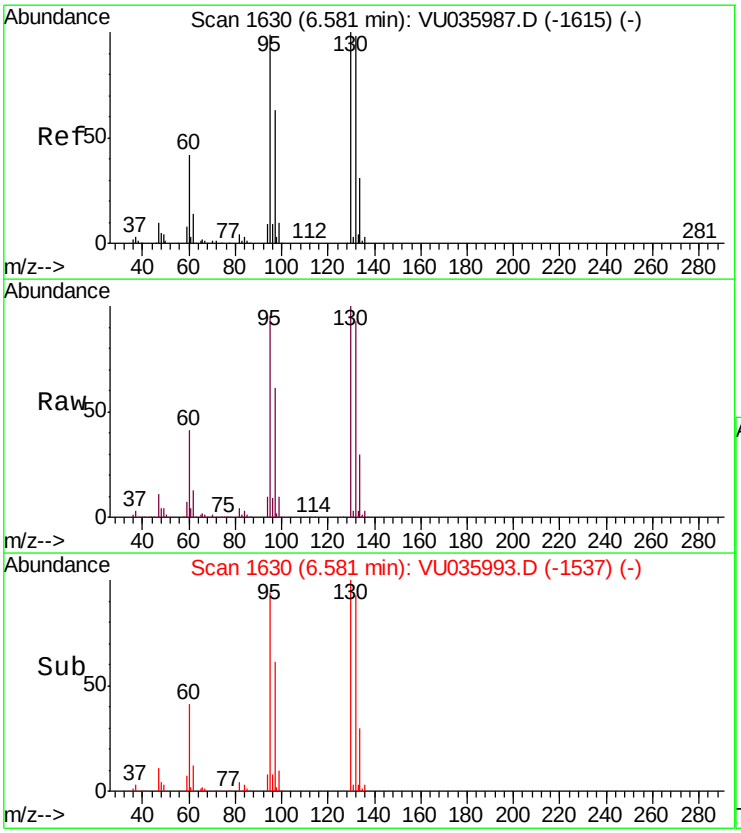
#31
Carbon tetrachloride
Concen: 0.949 ug/L
RT: 5.57 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
BFE26

Tgt Ion:117 Resp: 34593

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.9	115.3

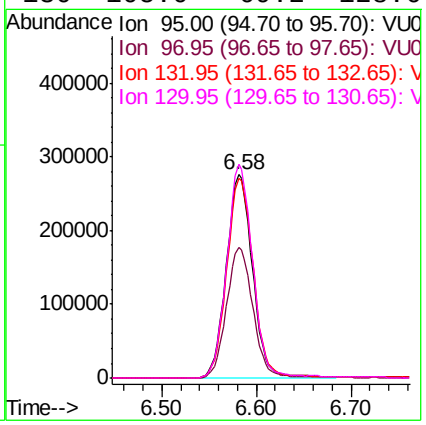


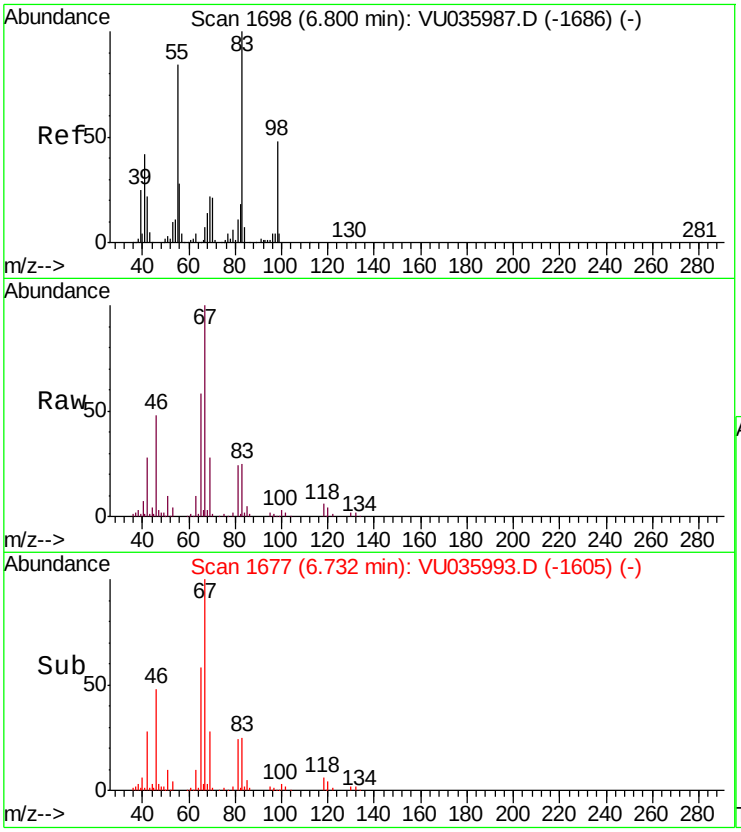


#34
Trichloroethene
Concen: 19.776 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion: 95 Resp: 534687

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.3	85.9
132	98.0	65.7	122.1
130	105.0	69.2	128.6



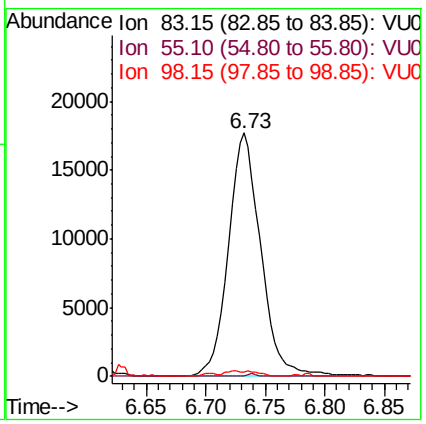


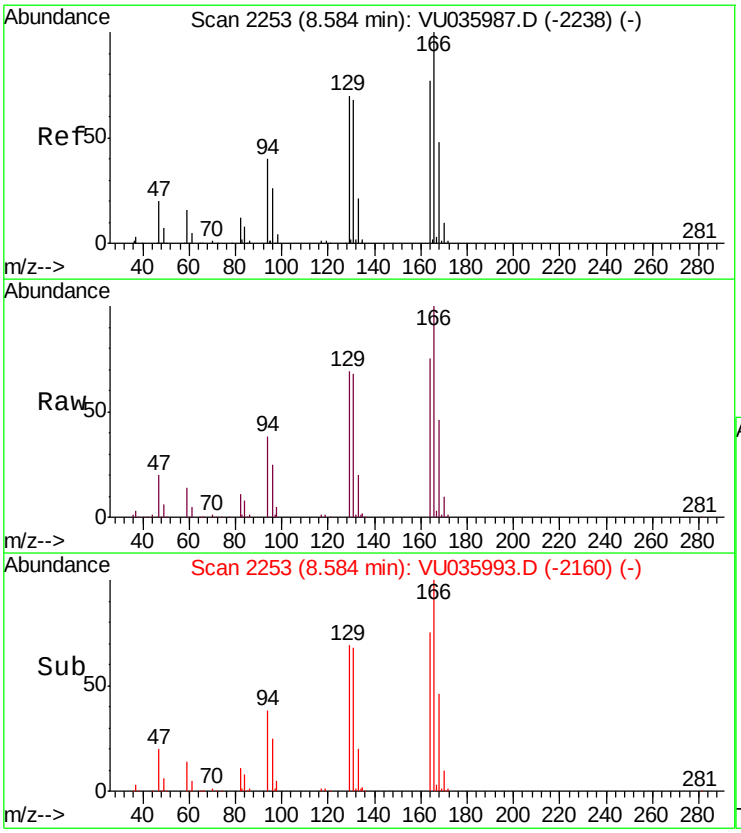
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument : MSVOA_U
ClientSampleId : BFE26

Tgt Ion: 83 Resp: 33244

Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.4	101.0#
98	1.4	34.6	52.0#

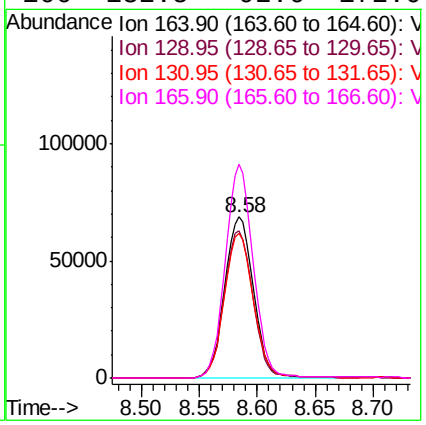


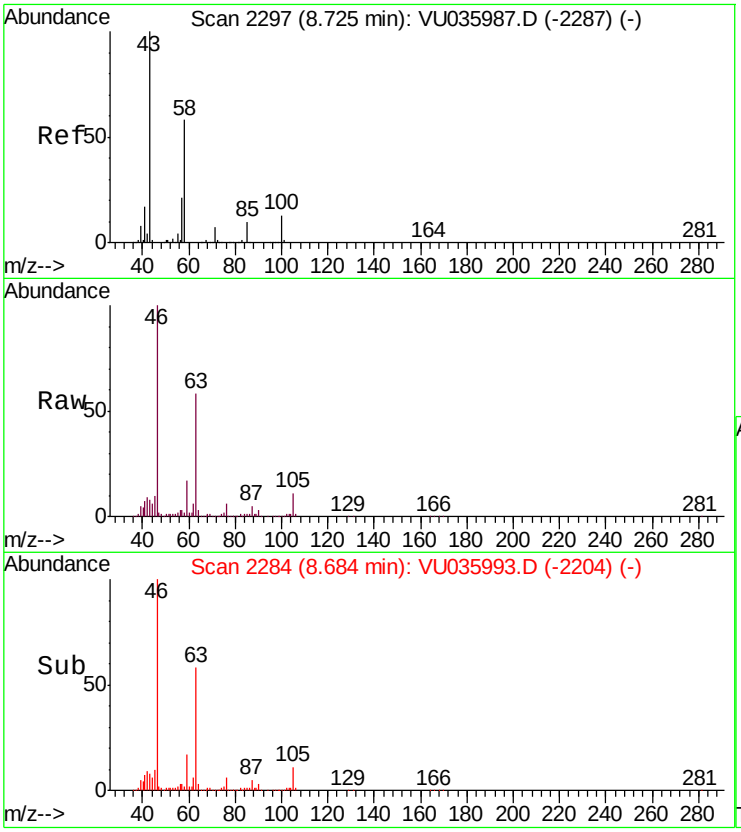


#47
Tetrachloroethene
Concen: 5.383 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion:164 Resp: 118290

Ion	Ratio	Lower	Upper
164	100		
129	91.8	67.9	126.1
131	90.0	64.1	119.1
166	132.5	92.6	172.0



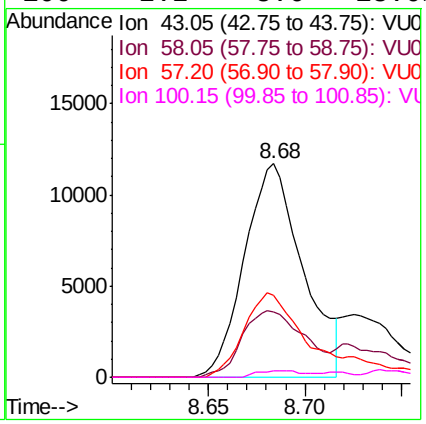


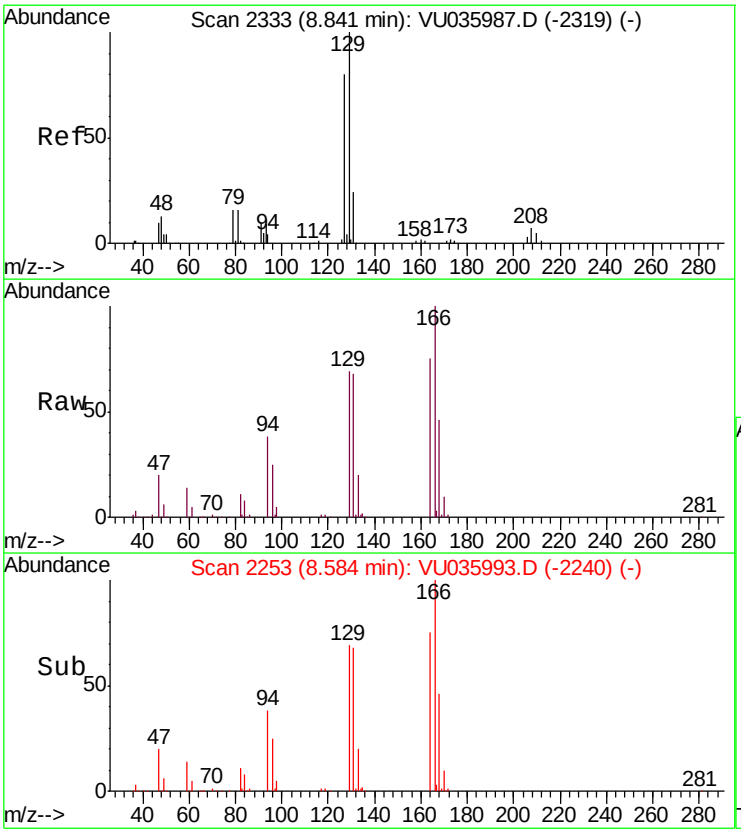
#48
2-Hexanone
Concen: 1.954 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.04 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument : MSVOA_U
ClientSampleId : BFE26

Tgt Ion: 43 Resp: 24557

Ion	Ratio	Lower	Upper
43	100		
58	34.0	45.4	68.2#
57	39.6	14.9	22.3#
100	2.2	8.6	13.0#

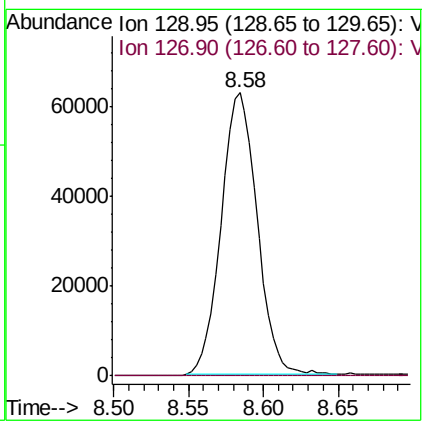


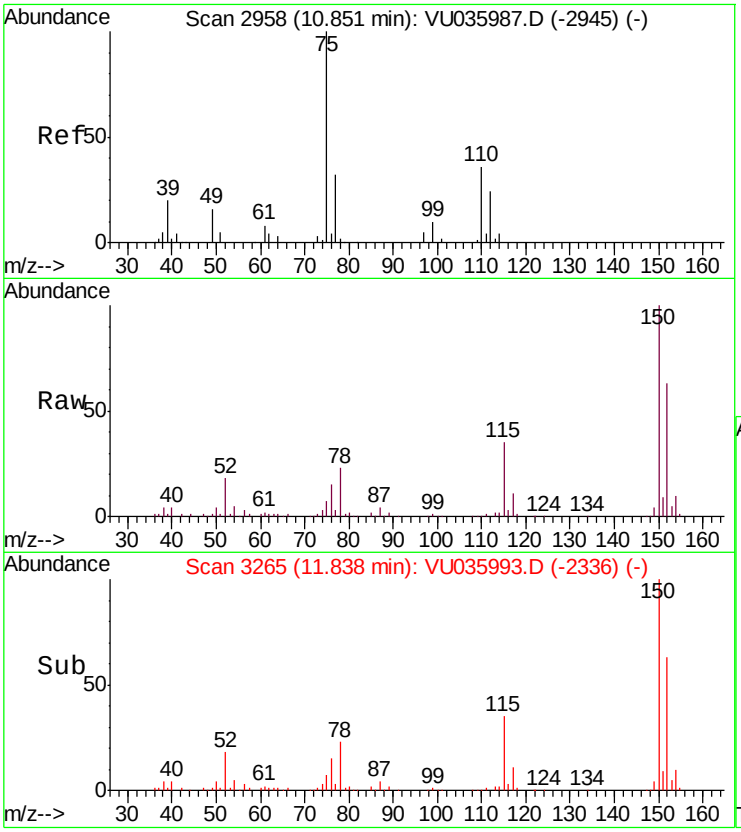


#49
Dibromochloromethane
Concen: 4.377 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Tgt Ion:129 Resp: 105206

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.0#





#59
1,2,3-Trichloropropane
Concen: 0.665 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035993.D
Acq: 05 Dec 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
BFE26

Tgt Ion: 75 Resp: 12523

Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.6	39.8