Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035767.D
Acq On : 19 Nov 2019 13:39
Operator : JC/SP
Sample : K5930-06 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232095	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	113136	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86817	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.93	69	86331	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.59	63	116890	2.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.20%#			
20) 2-Butanone-d5	4.70	46	251798	47.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.48%			
24) Chloroform-d	5.11	84	169654	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.75	65	92392	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.77	84	341630	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.74	67	117564	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.60%			
41) Toluene-d8	7.93	98	278687	3.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.20%			
43) trans-1,3-Dichloropropene-	8.22	79	40241	3.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.20%			
46) 2-Hexanone-d5	8.68	63	175790	41.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.76%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104312	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	106561	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	15822	0.536	ug/L #	1
8) Chloroethane	1.96	64	2193	0.130	ug/L #	62
12) 1,1-Dichloroethene	2.60	96	2846	0.139	ug/L #	1
13) Acetone	2.67	43	27986	7.359	ug/L	98
14) Carbon disulfide	2.83	76	11565	0.175	ug/L #	80
16) Methylene chloride	3.08	84	4408	0.182	ug/L	97
19) 1,1-Dichloroethane	3.92	63	11450	0.293	ug/L	95
21) 2-Butanone	4.78	43	61728	10.932	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	12296	0.530	ug/L	91
25) Chloroform	5.14	83	13352	0.315	ug/L	99
34) Trichloroethene	6.58	95	46152	1.922	ug/L	97
35) Methylcyclohexane	6.73	83	27168	0.743	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12110	0.490	ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2600	0.074	ug/L #	34
48) 2-Hexanone	8.73	43	14524	1.437	ug/L #	95
59) 1,2,3-Trichloropropane	11.84	75	12546	0.767	ug/L	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035767.D
Acq On : 19 Nov 2019 13:39
Operator : JC/SP
Sample : K5930-06 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration

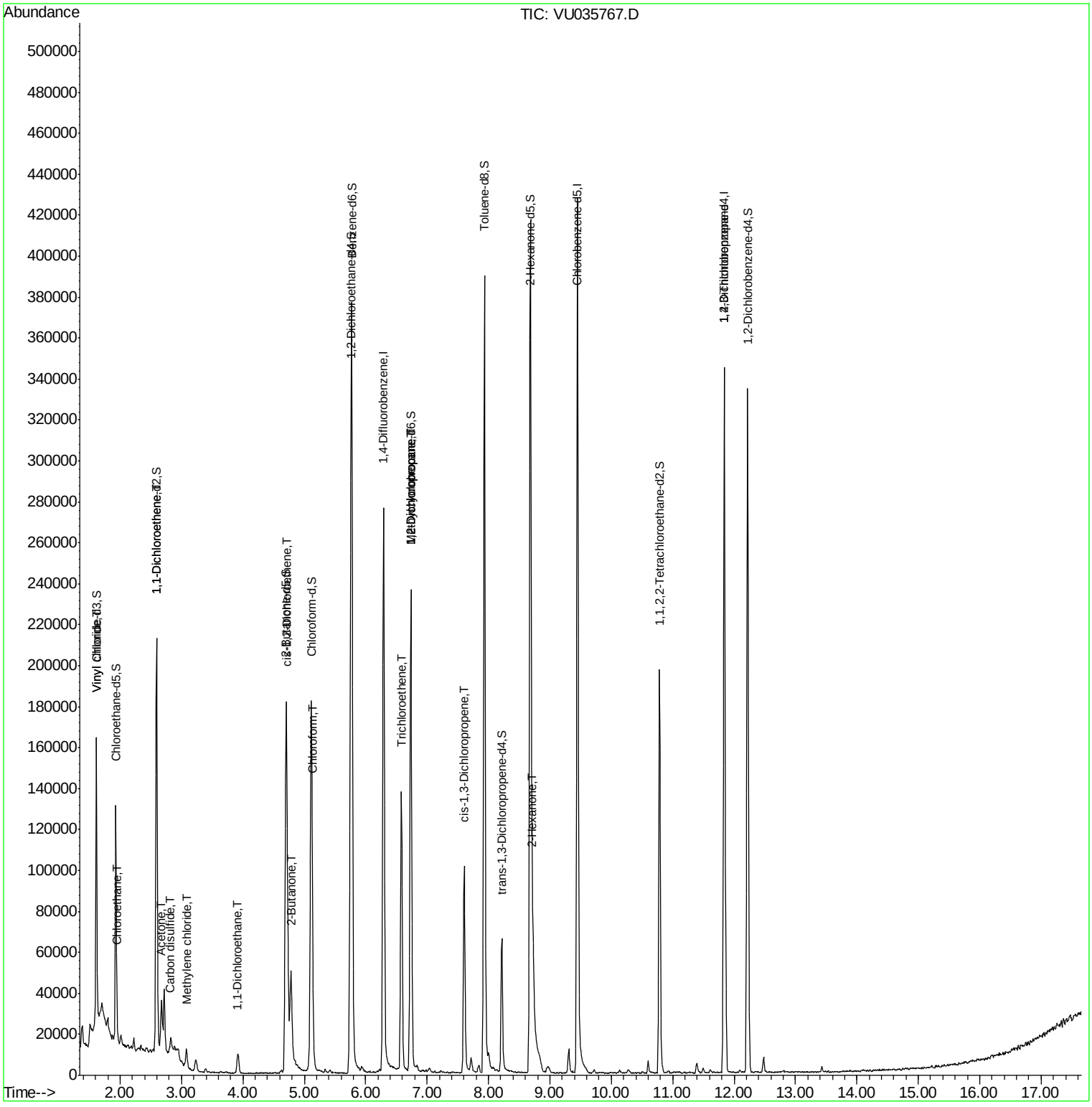
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

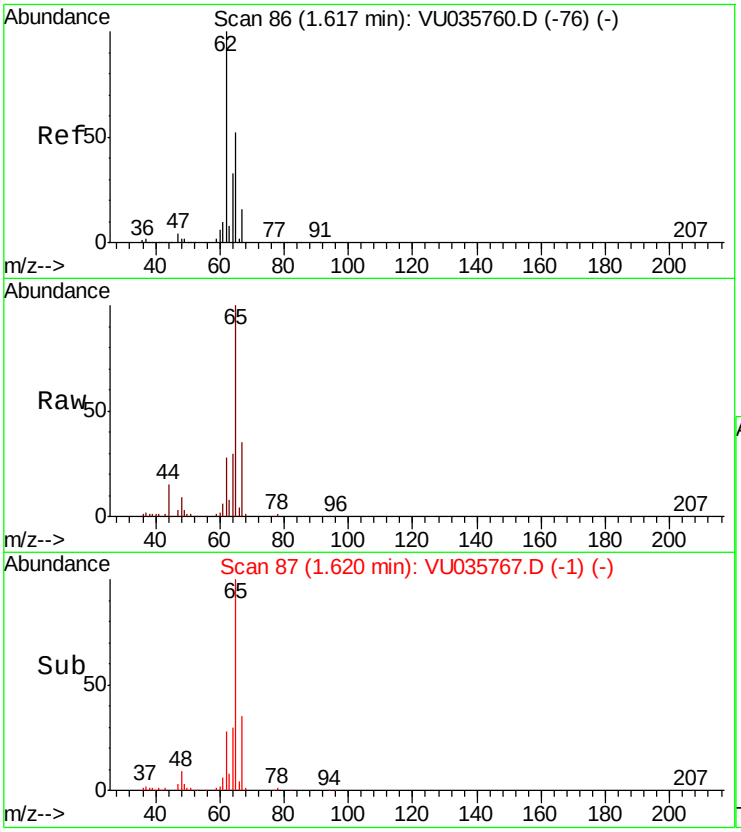
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035767.D
Acq On : 19 Nov 2019 13:39
Operator : JC/SP
Sample : K5930-06 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration



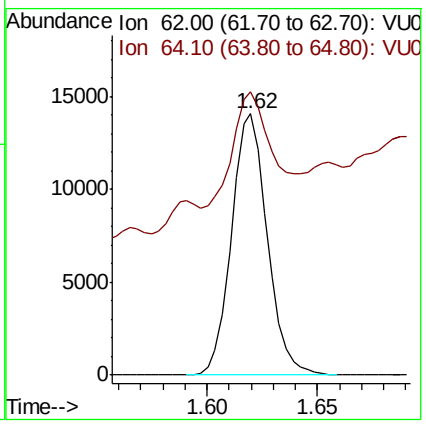


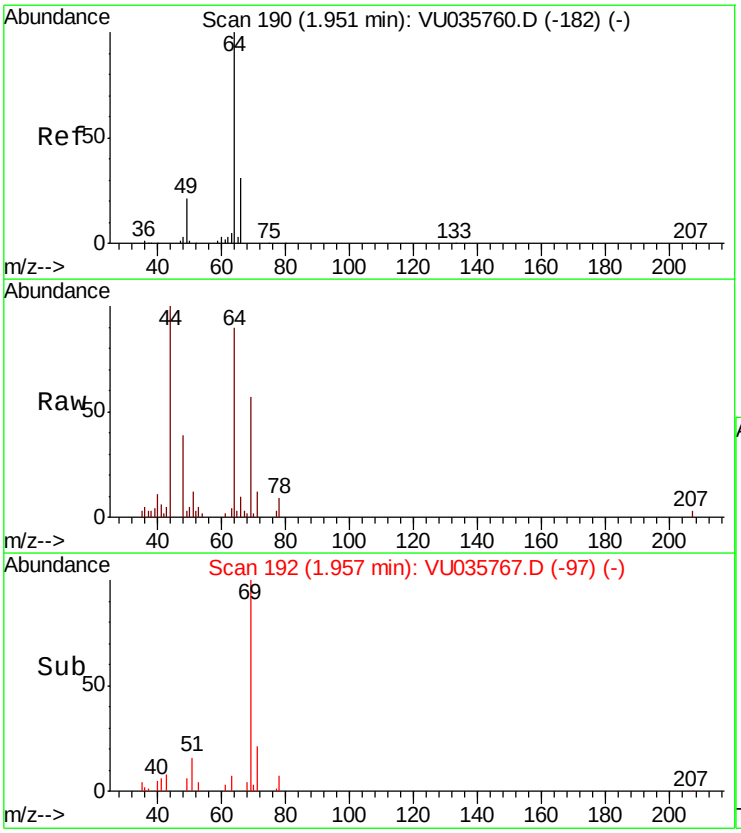
#5
Vinyl chloride
Concen: 0.536 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 15822

Ion	Ratio	Lower	Upper
62	100		
64	108.3	23.5	43.7#

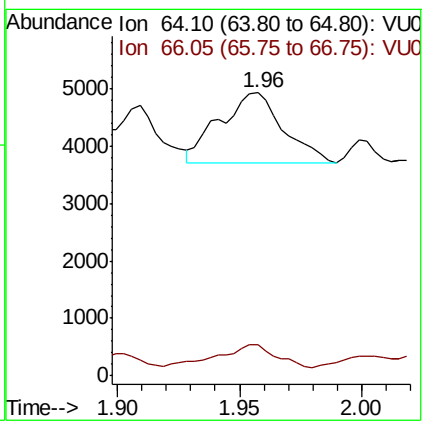


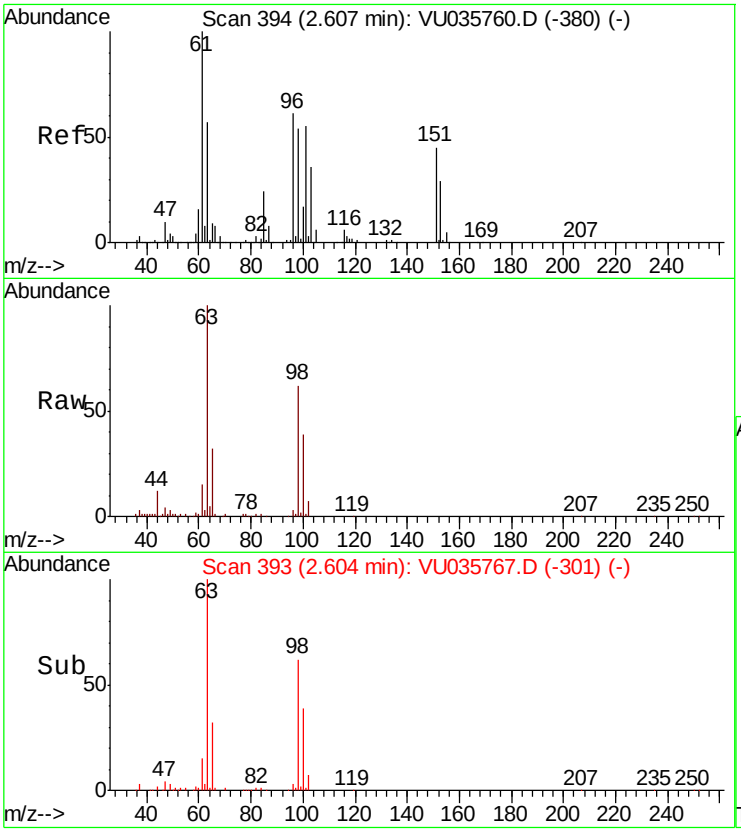


#8
Chloroethane
Concen: 0.130 ug/L
RT: 1.96 min Scan# 192
Delta R.T. 0.01 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 64 Resp: 2193

Ion	Ratio	Lower	Upper
64	100		
66	11.1	22.5	41.7#



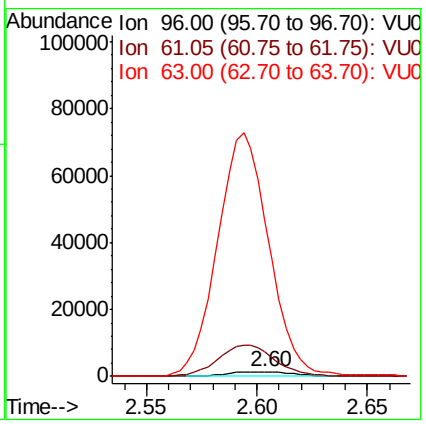


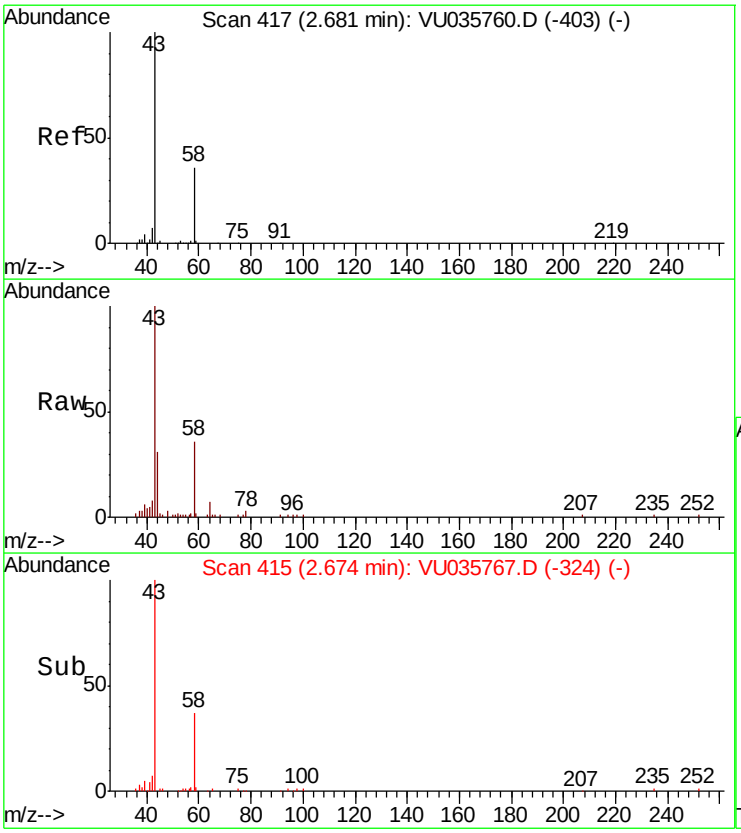
#12
1,1-Dichloroethene
Concen: 0.139 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2846

Ion	Ratio	Lower	Upper
96	100		
61	501.5	123.1	228.5#
63	3251.1	87.8	163.0#

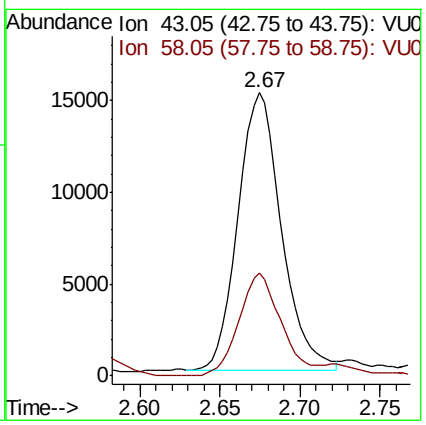


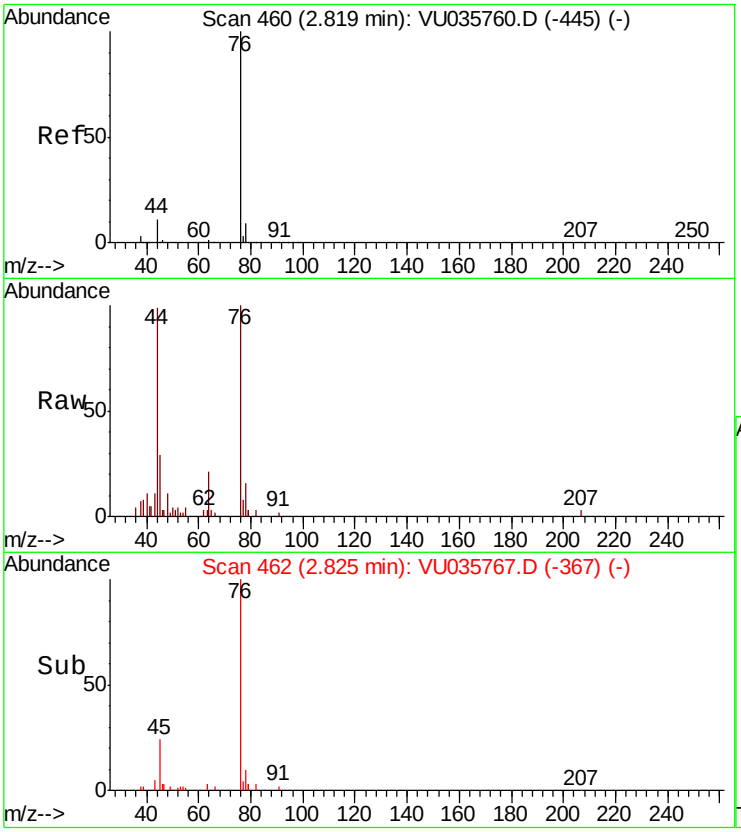


#13
Acetone
Concen: 7.359 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.01 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 43 Resp: 27986

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	69.8



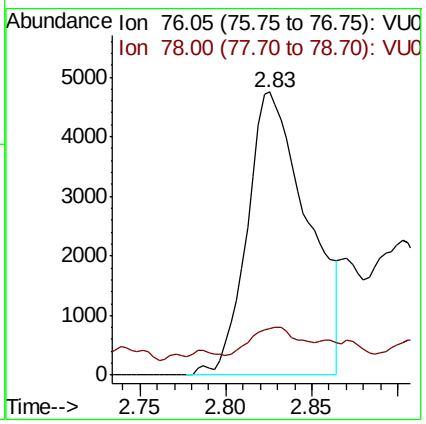


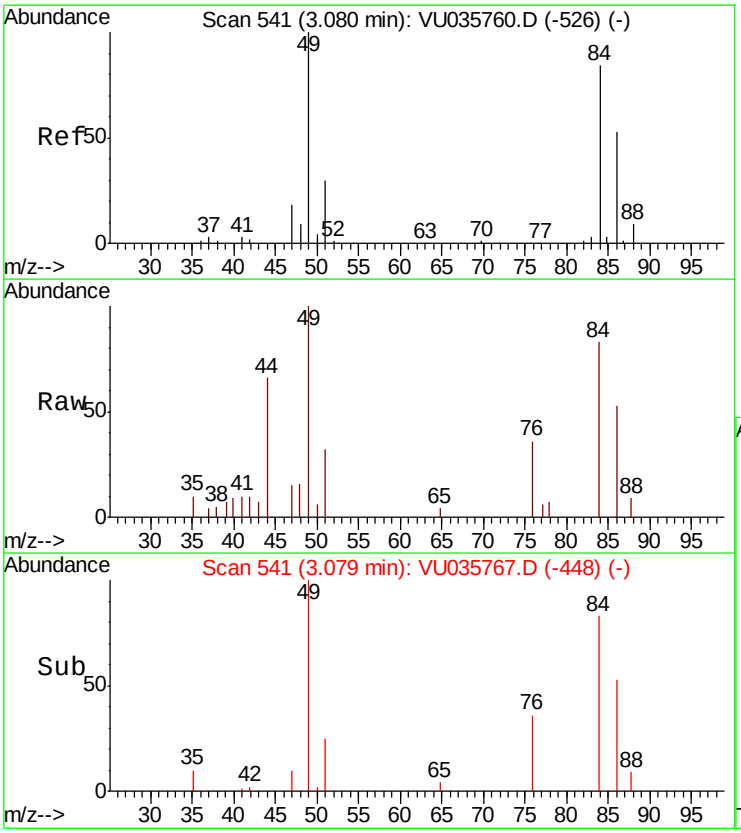
#14
Carbon disulfide
Concen: 0.175 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.01 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 11565

Ion	Ratio	Lower	Upper
76	100		
78	16.4	7.4	11.0#

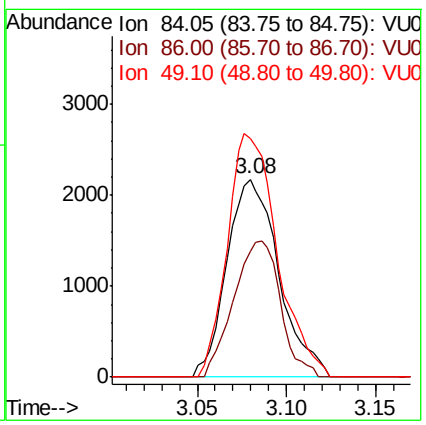


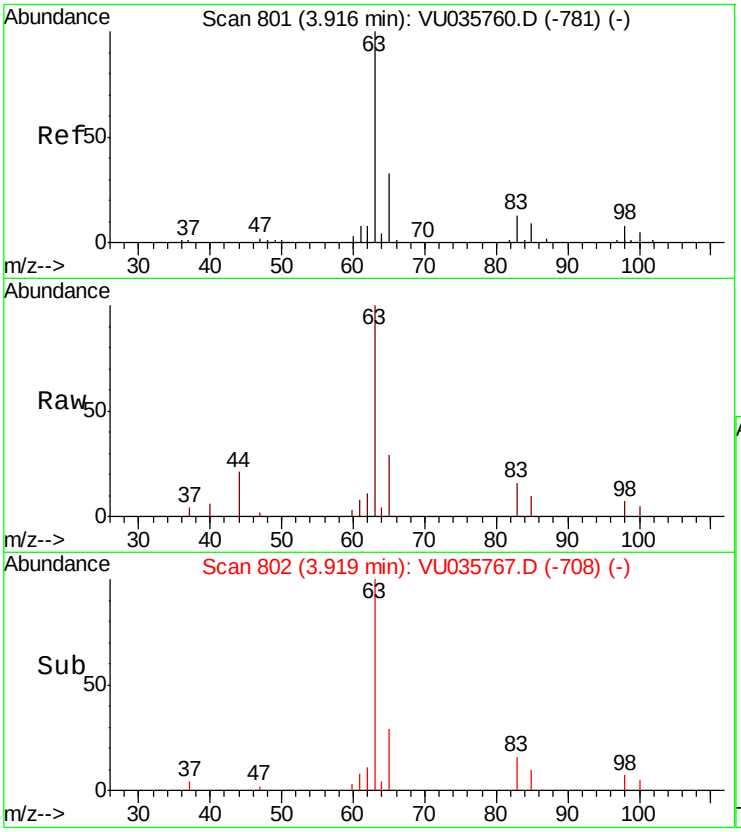


#16
Methylene chloride
Concen: 0.182 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 84 Resp: 4408

Ion	Ratio	Lower	Upper
84	100		
86	63.6	45.8	85.2
49	120.7	81.9	152.1



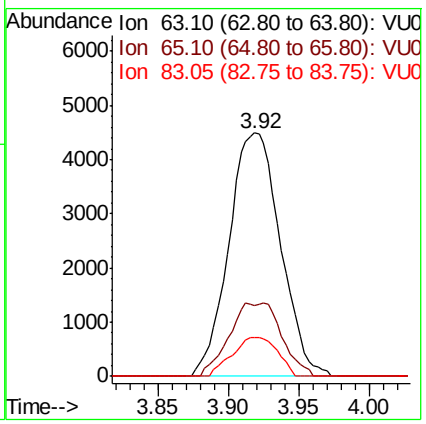


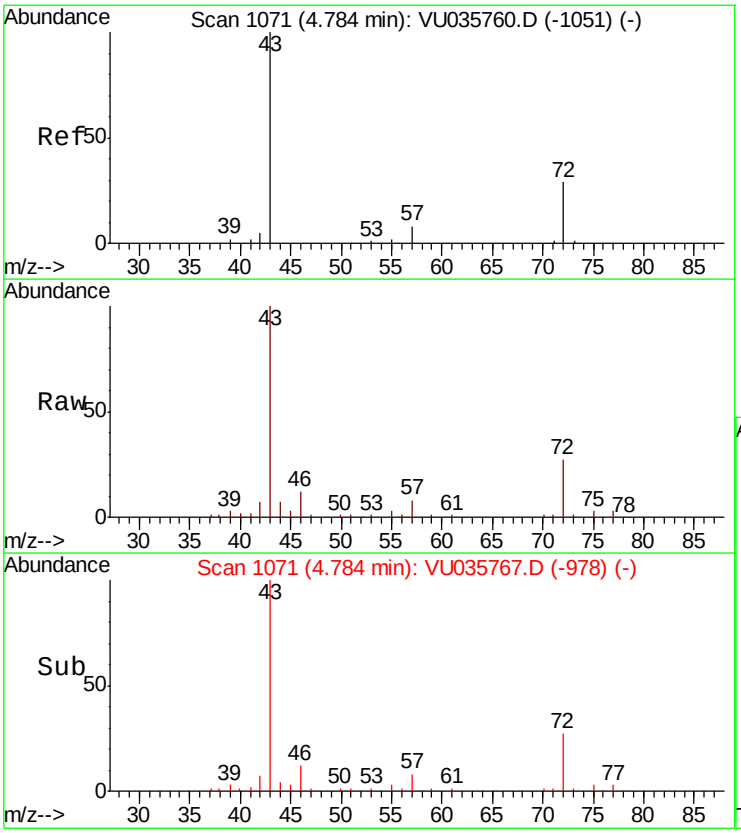
#19
1,1-Dichloroethane
Concen: 0.293 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11450

Ion	Ratio	Lower	Upper
63	100		
65	29.1	22.0	40.8
83	15.9	9.3	17.3

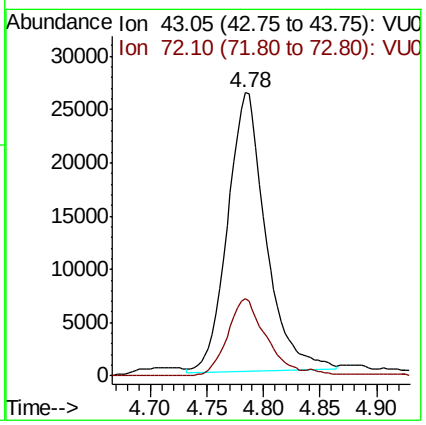


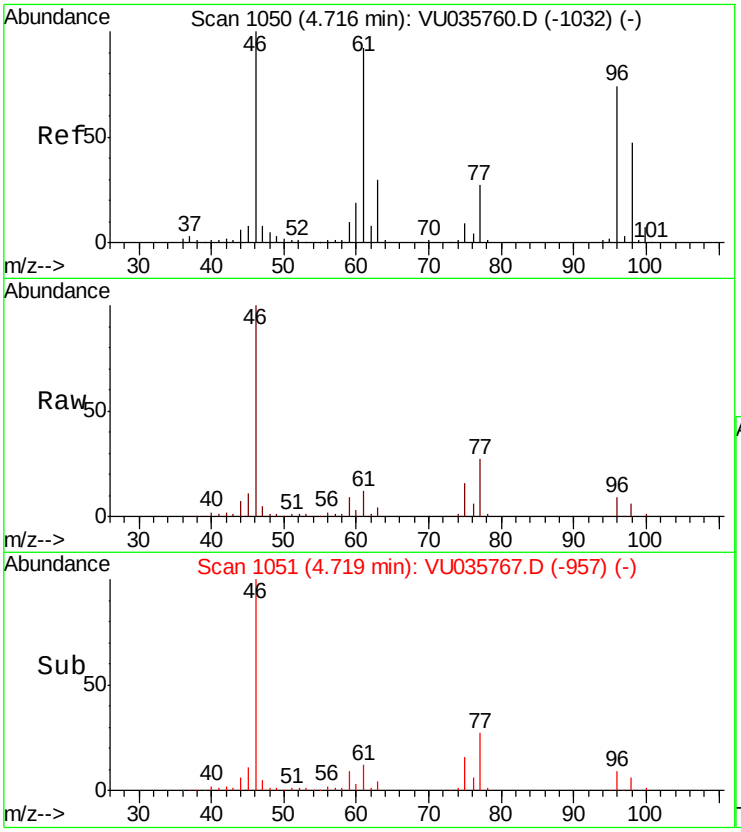


#21
2-Butanone
Concen: 10.932 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 43 Resp: 61728

Ion	Ratio	Lower	Upper
43	100		
72	27.7	14.3	42.9



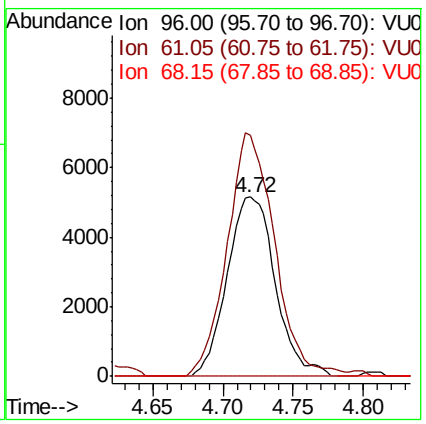


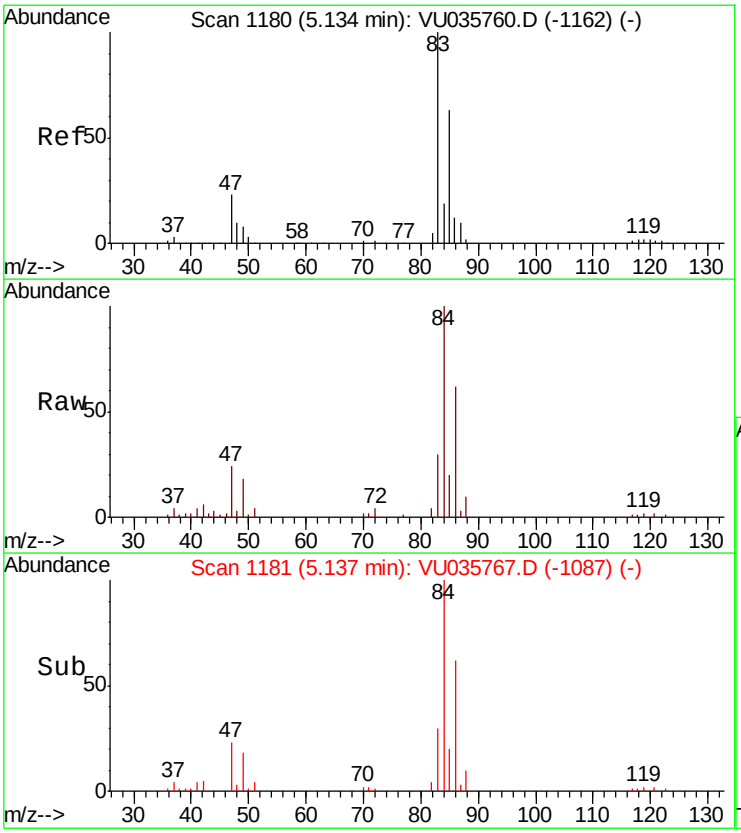
#22
cis-1,2-Dichloroethene
Concen: 0.530 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 12296

Ion	Ratio	Lower	Upper
96	100		
61	134.5	87.0	161.6
68	0.0	0.0	0.0

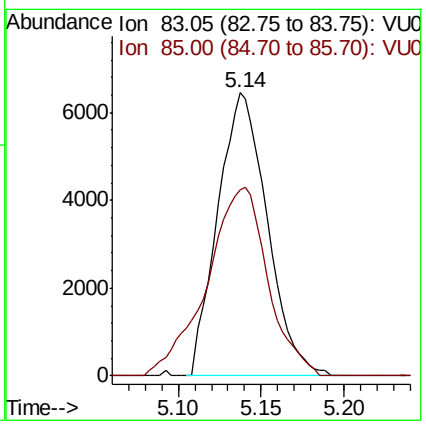


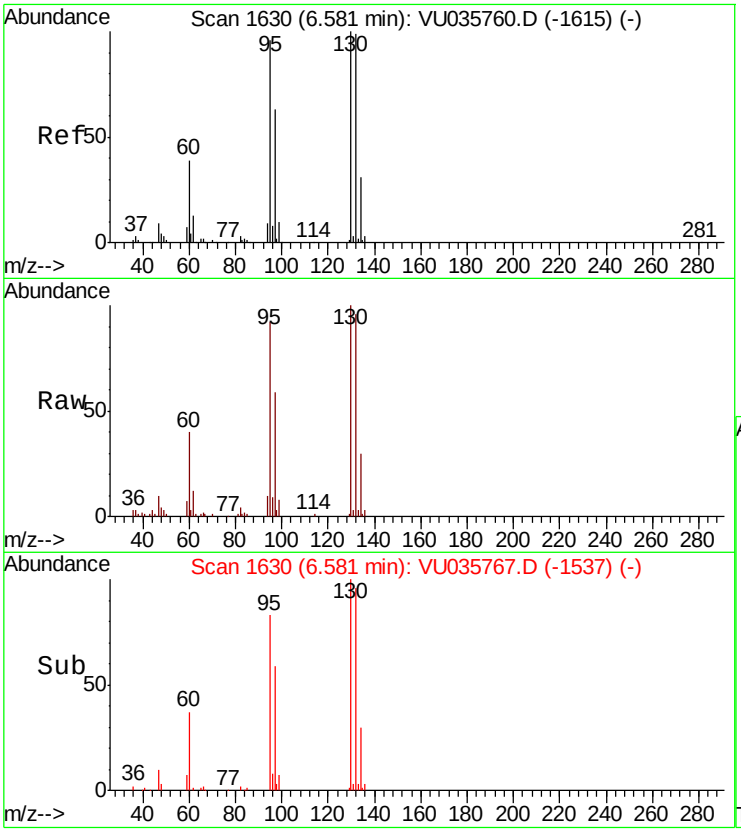


#25
Chloroform
Concen: 0.315 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 83 Resp: 13352

Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.4	84.2



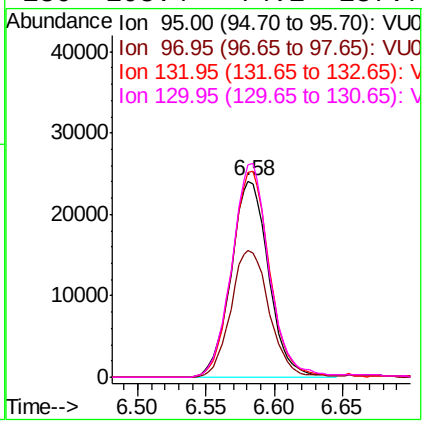


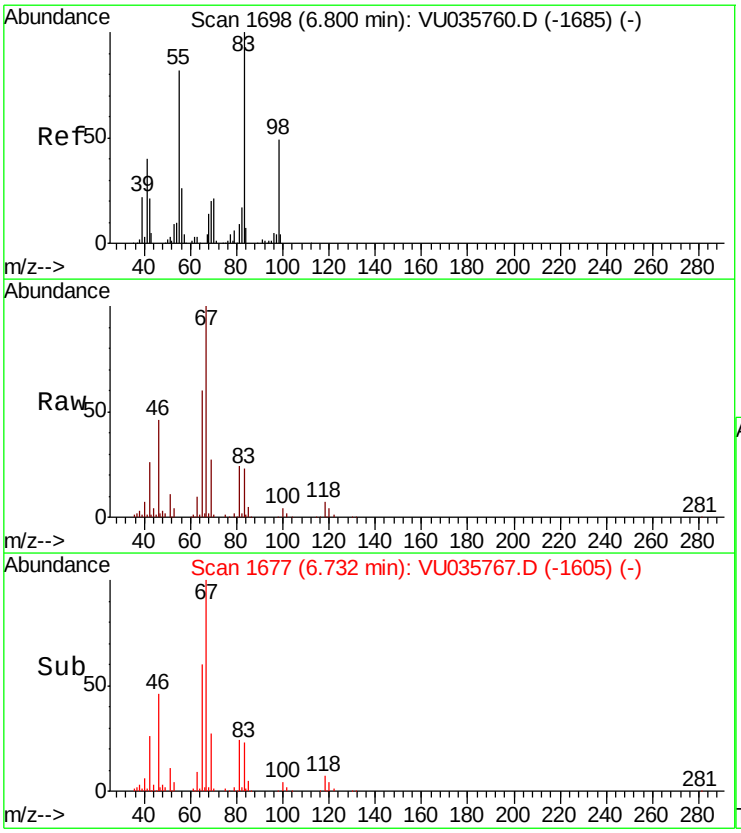
#34
Trichloroethene
Concen: 1.922 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 46152

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.5	82.7
132	104.2	69.9	129.7
130	108.4	74.1	137.7

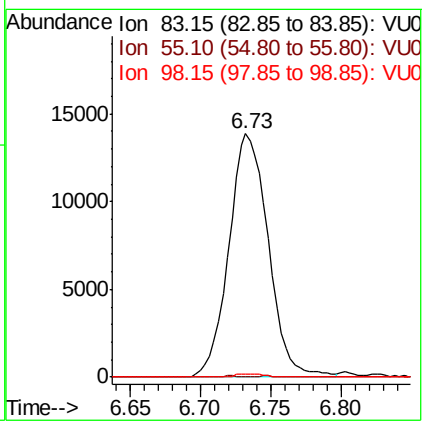


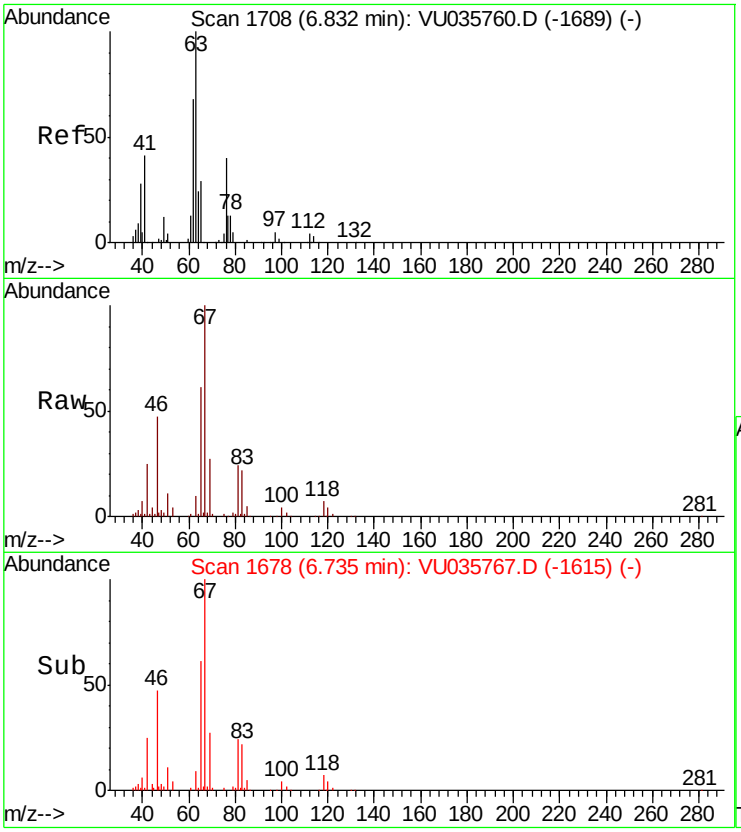


#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 83 Resp: 27168

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.0	37.2	55.8#



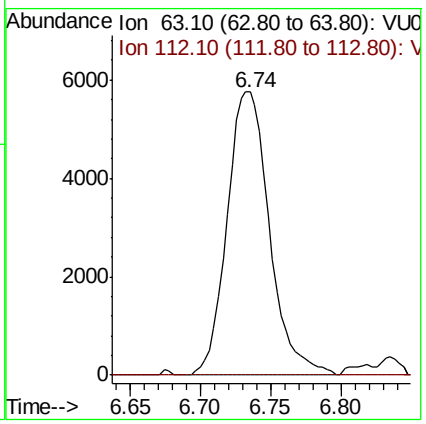


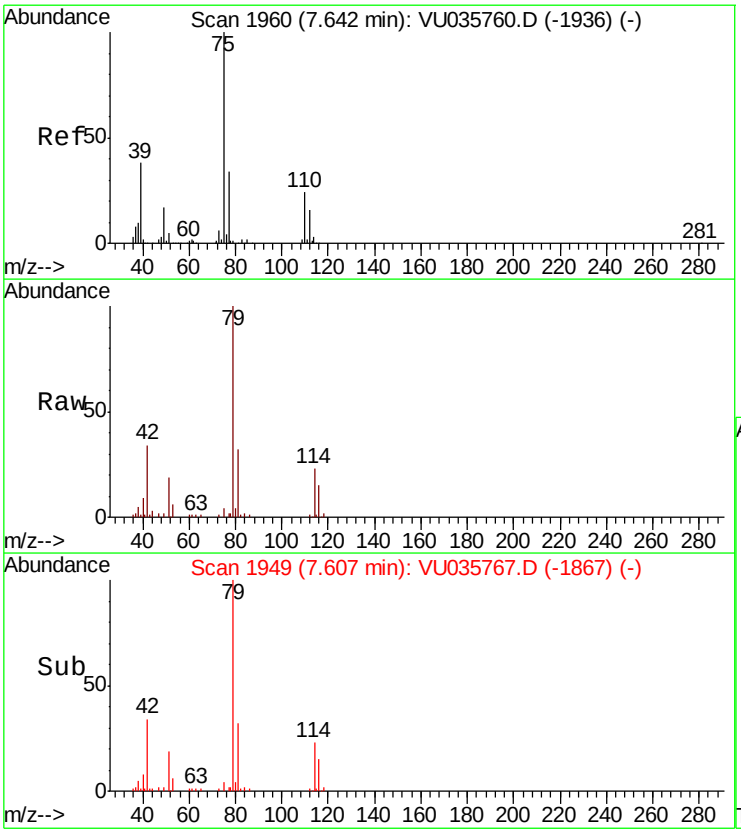
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12110

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

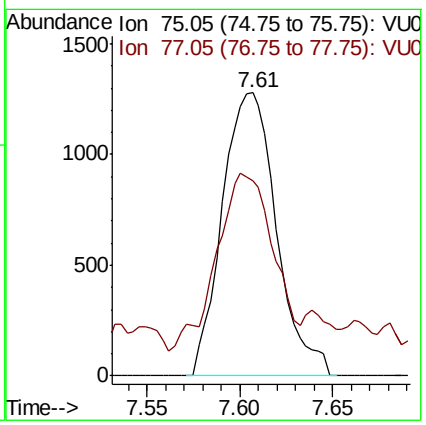


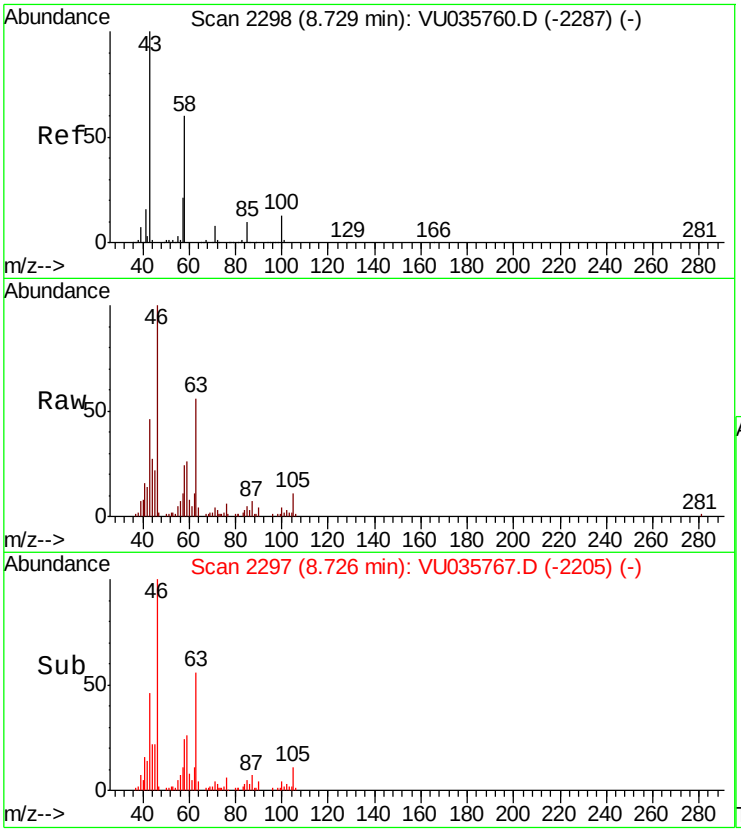


#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 75 Resp: 2600

Ion	Ratio	Lower	Upper
75	100		
77	69.0	22.5	41.7#



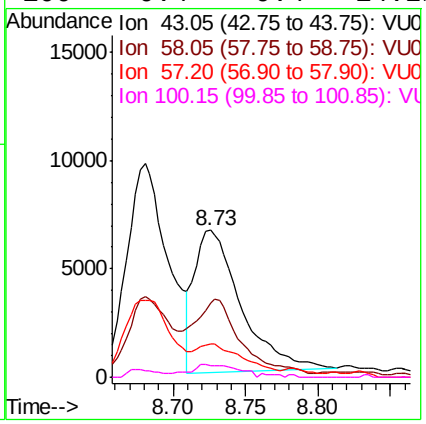


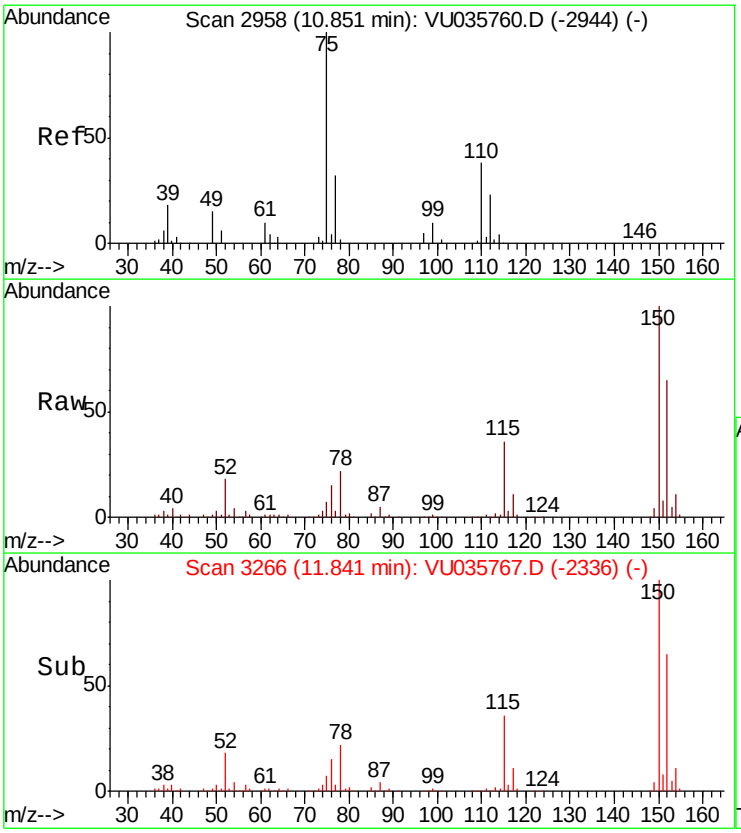
#48
2-Hexanone
Concen: 1.437 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14524

Ion	Ratio	Lower	Upper
43	100		
58	58.2	44.1	66.1
57	21.7	15.1	22.7
100	9.4	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 0.767 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035767.D
Acq: 19 Nov 2019 13:39

Tgt Ion: 75 Resp: 12546

Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.8	40.2