Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035768.D
Acq On : 19 Nov 2019 14:03
Operator : JC/SP
Sample : K5930-07 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:56 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	191294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	217543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76944	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	78558	3.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.80%			
7) Chloroethane-d5	1.94	69	78115	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.60	63	121285	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	4.70	46	233948	53.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.62%			
24) Chloroform-d	5.12	84	156930	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.75	65	84943	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.77	84	316932	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.74	67	107782	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.93	98	247425	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.40%			
43) trans-1,3-Dichloropropene-	8.22	79	34774	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.70	63	160151	46.21	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.42%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	89645	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	77970	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	93133	3.829	ug/L #	74
8) Chloroethane	1.95	64	6836	0.490	ug/L #	73
12) 1,1-Dichloroethene	2.61	96	29406	1.748	ug/L #	50
13) Acetone	2.67	43	20539	6.553	ug/L	100
14) Carbon disulfide	2.82	76	7068	0.130	ug/L #	81
16) Methylene chloride	3.08	84	5534	0.277	ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	3846	0.222	ug/L	84
19) 1,1-Dichloroethane	3.92	63	132186	4.110	ug/L	99
21) 2-Butanone	4.78	43	37755	8.112	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	218013	11.398	ug/L	98
25) Chloroform	5.14	83	8619	0.246	ug/L	94
34) Trichloroethene	6.58	95	27618	1.410	ug/L	96
35) Methylcyclohexane	6.73	83	24038	0.805	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11274	0.559	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	2435	0.085	ug/L #	56
48) 2-Hexanone	8.70	43	17947	2.177	ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	8206	0.615	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035768.D
Acq On : 19 Nov 2019 14:03
Operator : JC/SP
Sample : K5930-07 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:56 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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035768.D
Acq On : 19 Nov 2019 14:03
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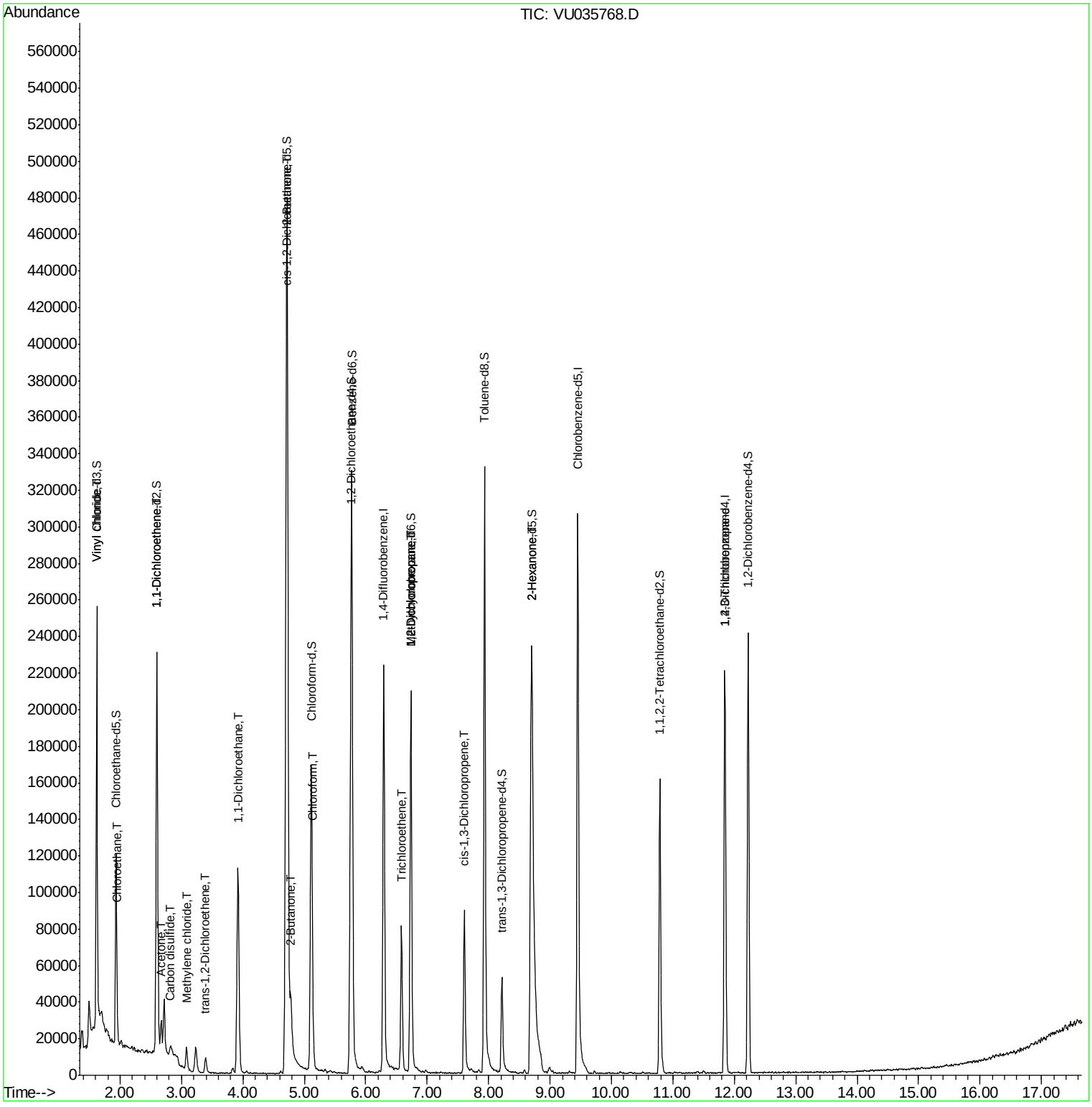
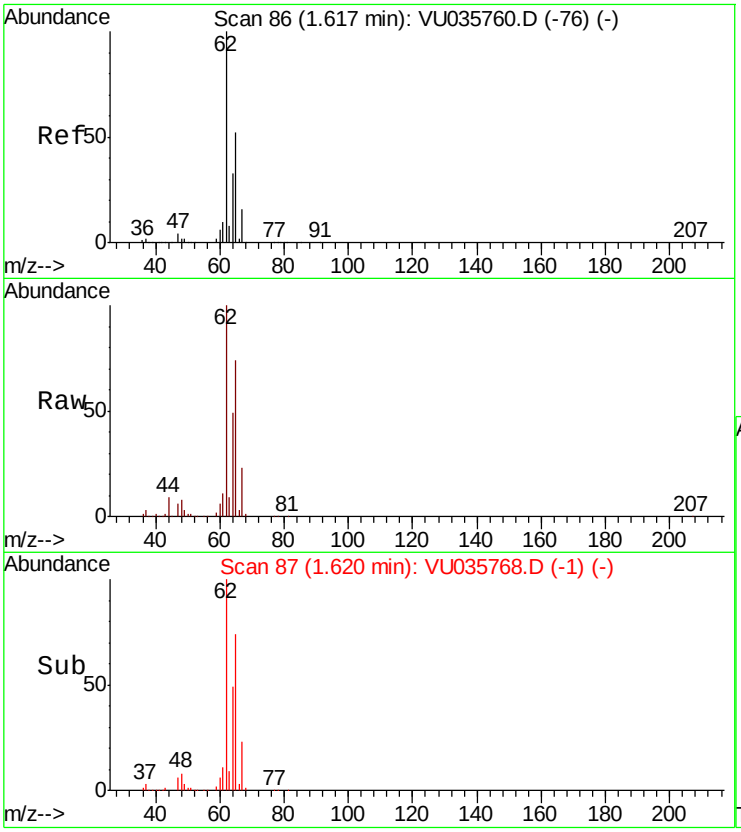
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration



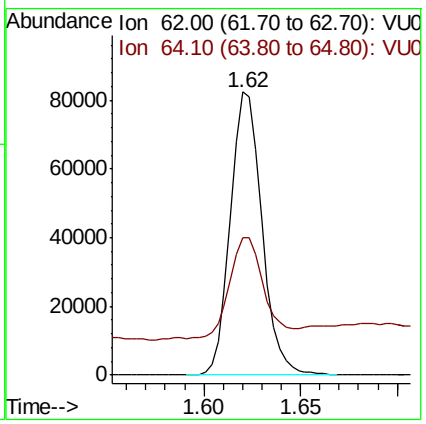


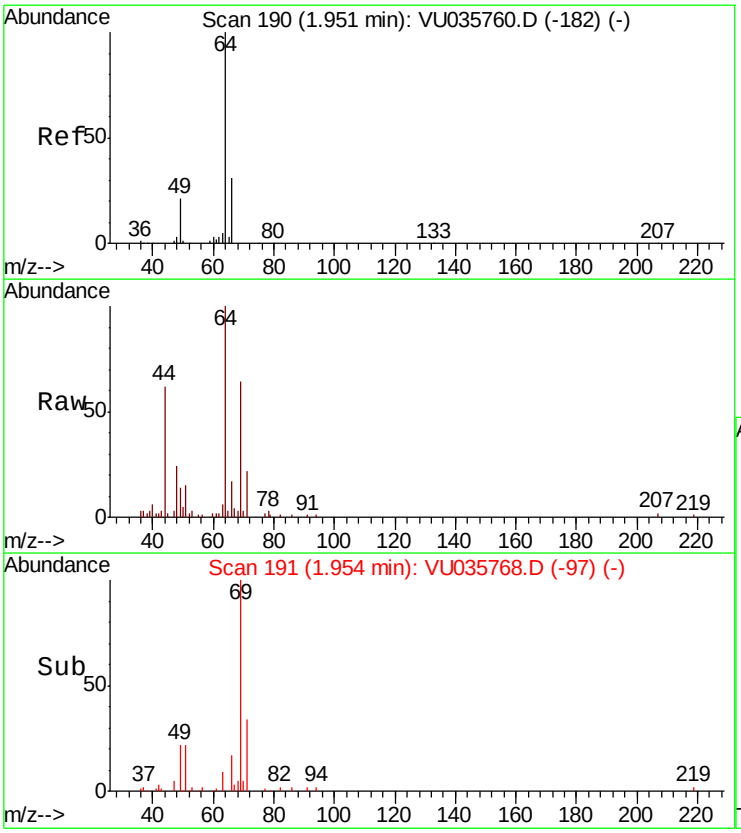
#5
Vinyl chloride
Concen: 3.829 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 93133

Ion	Ratio	Lower	Upper
62	100		
64	48.6	23.5	43.7#

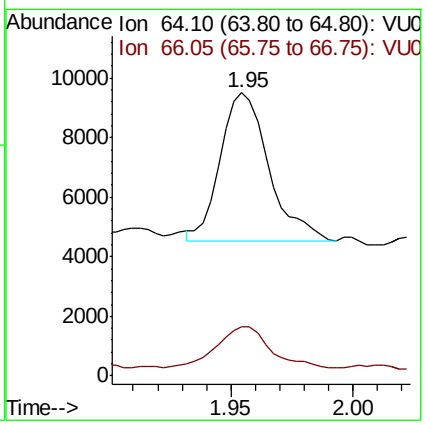


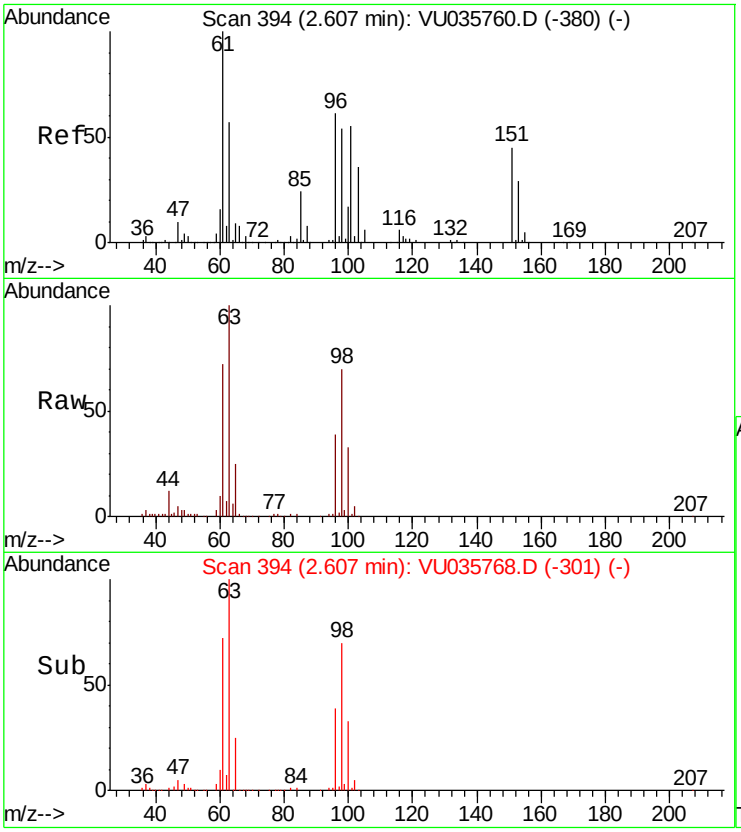


#8
Chloroethane
Concen: 0.490 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 64 Resp: 6836

Ion	Ratio	Lower	Upper
64	100		
66	17.3	22.5	41.7#



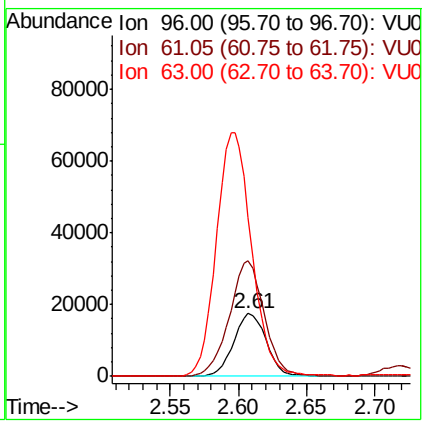


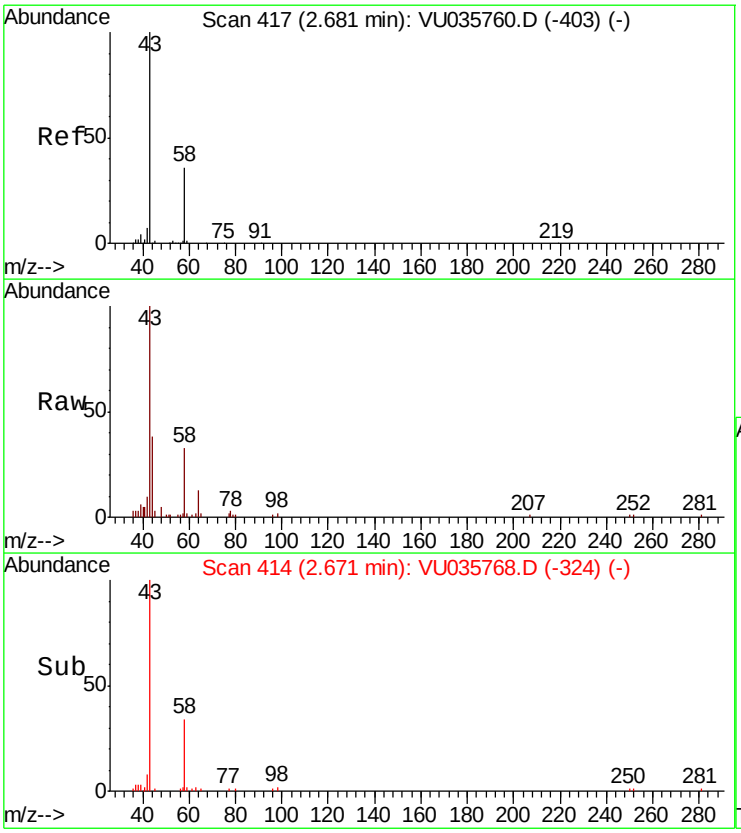
#12
1,1-Dichloroethene
Concen: 1.748 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 29406

Ion	Ratio	Lower	Upper
96	100		
61	183.6	123.1	228.5
63	253.3	87.8	163.0#

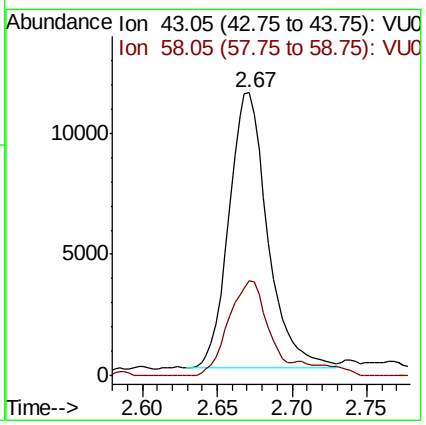


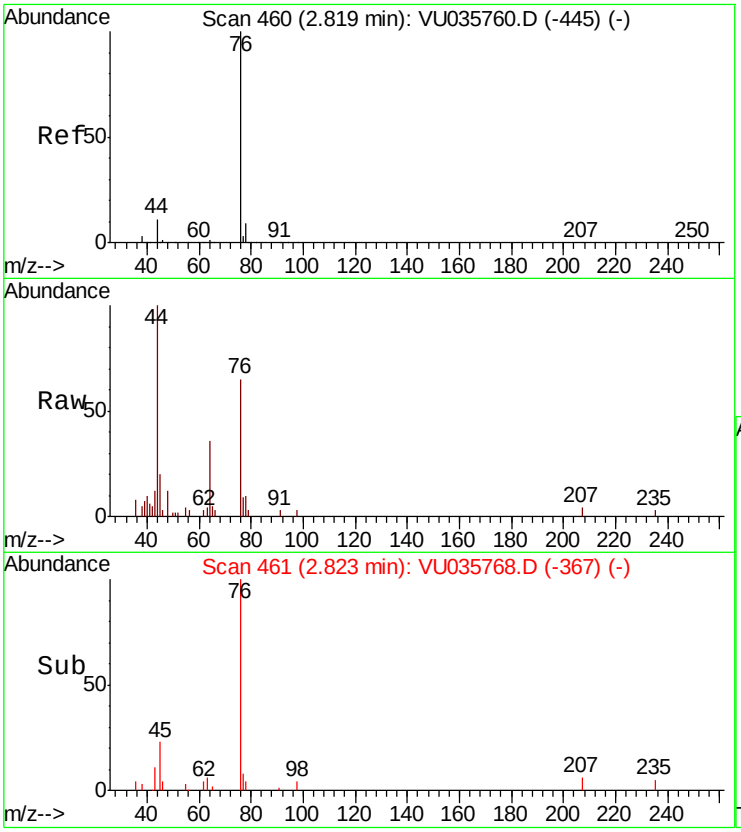


#13
Acetone
Concen: 6.553 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 43 Resp: 20539

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	69.8



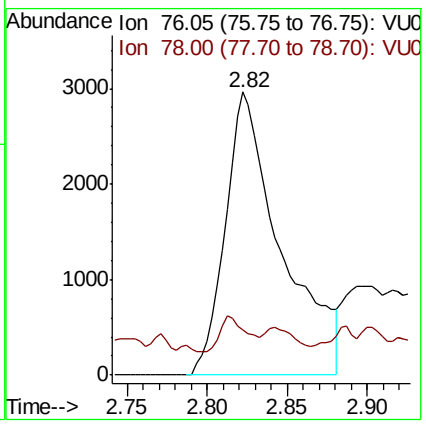


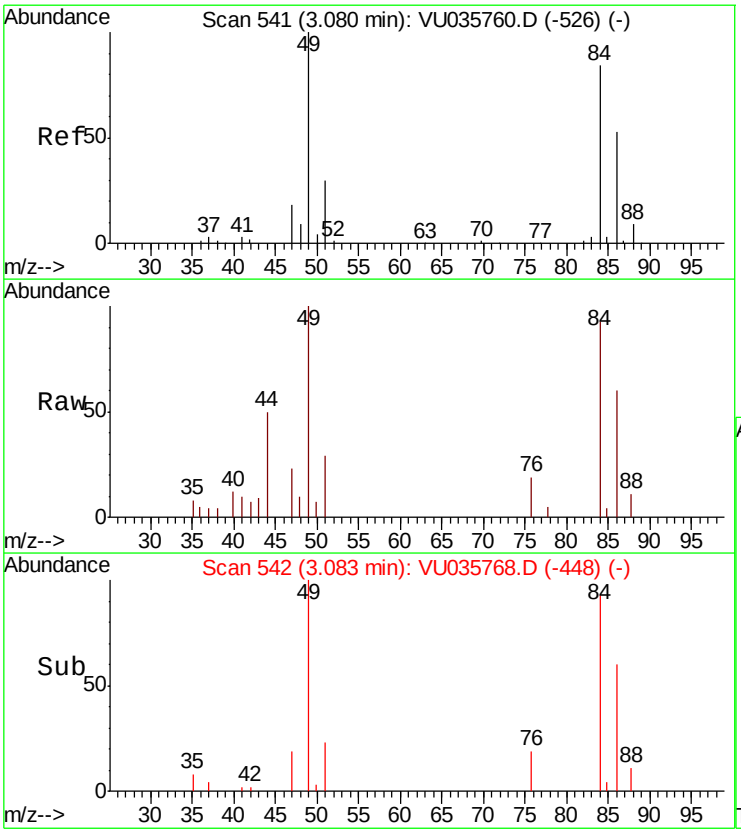
#14
Carbon disulfide
Concen: 0.130 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 7068

Ion	Ratio	Lower	Upper
76	100		
78	16.1	7.4	11.0#

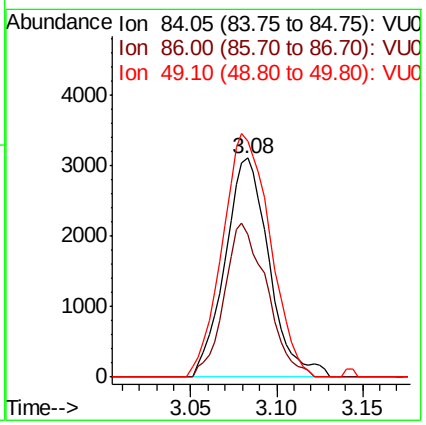


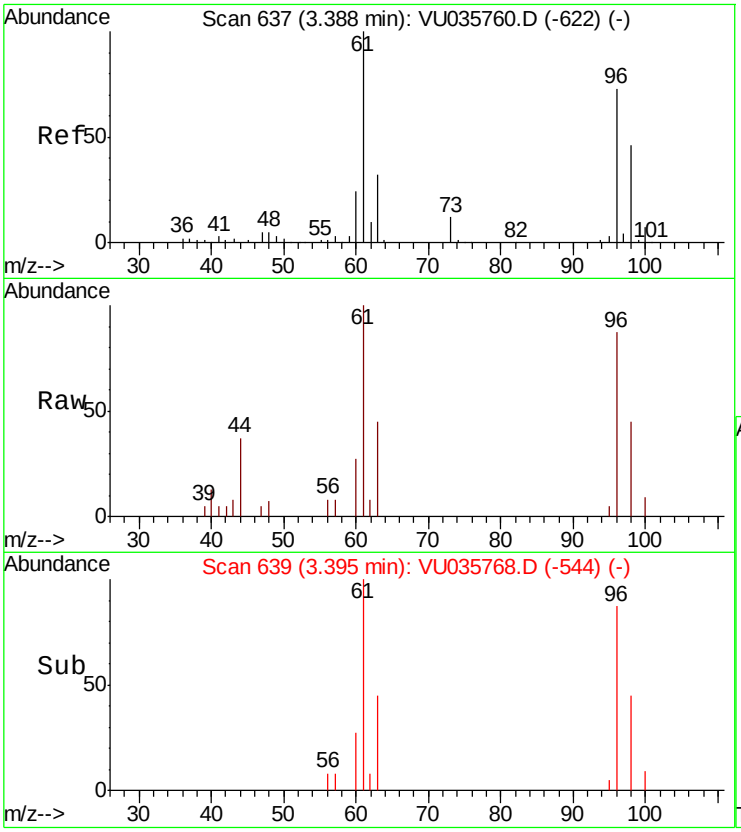


#16
Methylene chloride
Concen: 0.277 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 84 Resp: 5534

Ion	Ratio	Lower	Upper
84	100		
86	64.9	45.8	85.2
49	107.5	81.9	152.1



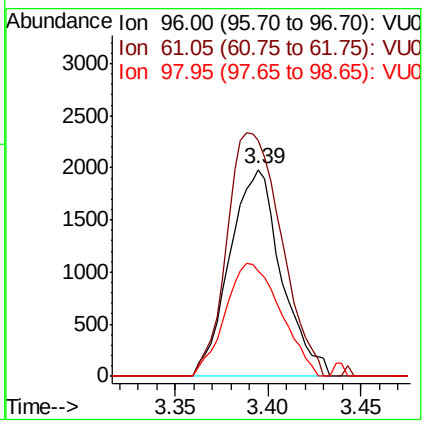


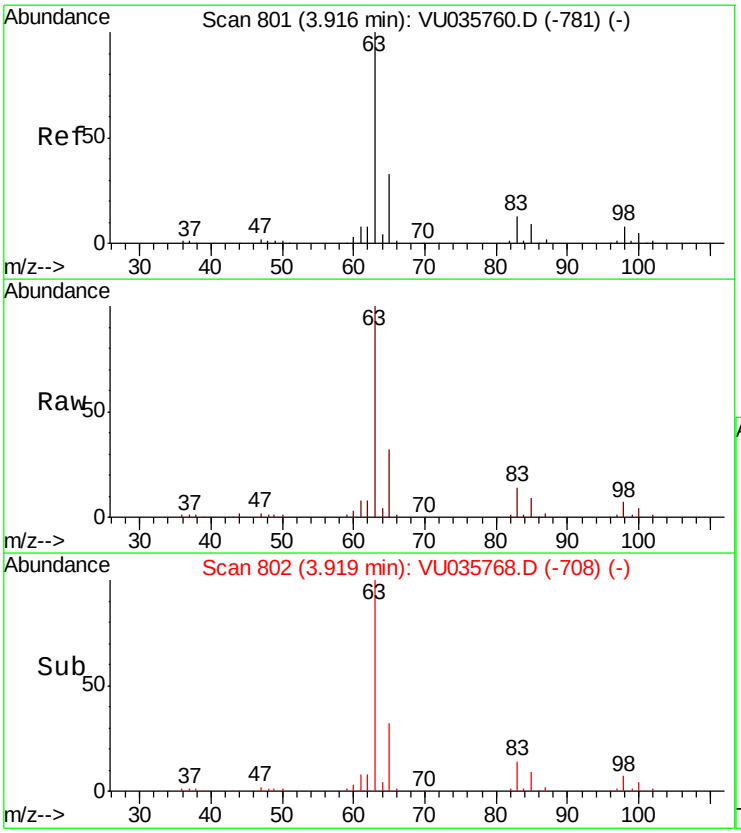
#18
trans-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3846

Ion	Ratio	Lower	Upper
96	100		
61	114.5	95.0	176.4
98	51.1	42.5	78.9

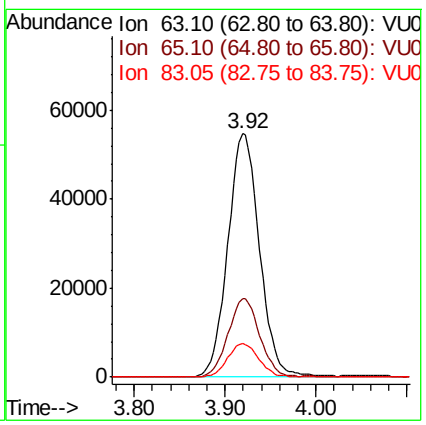


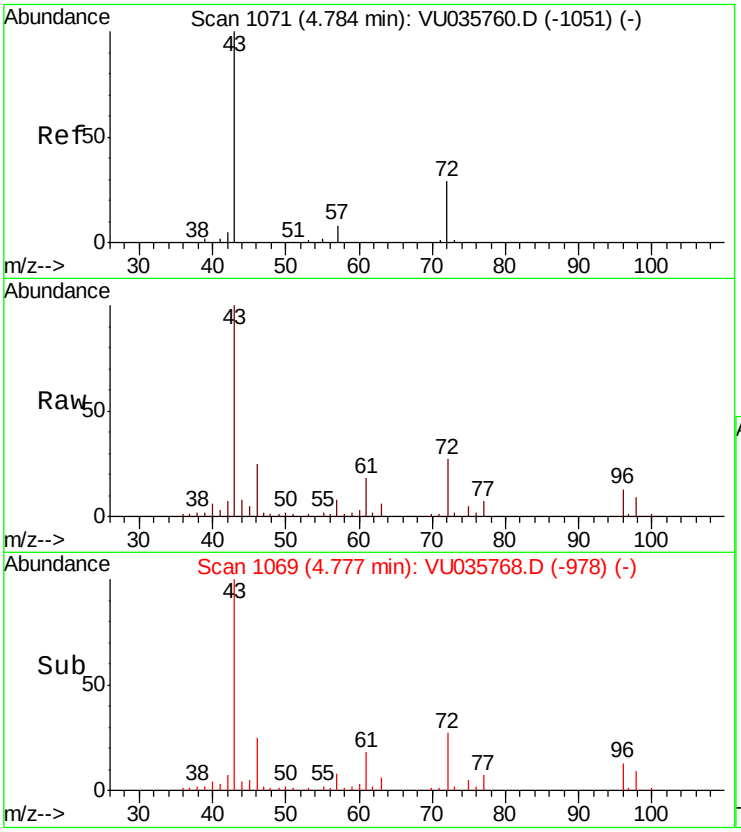


#19
1,1-Dichloroethane
Concen: 4.110 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 63 Resp: 132186

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	40.8
83	13.6	9.3	17.3



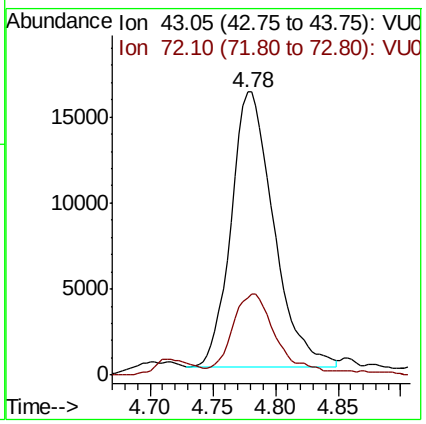


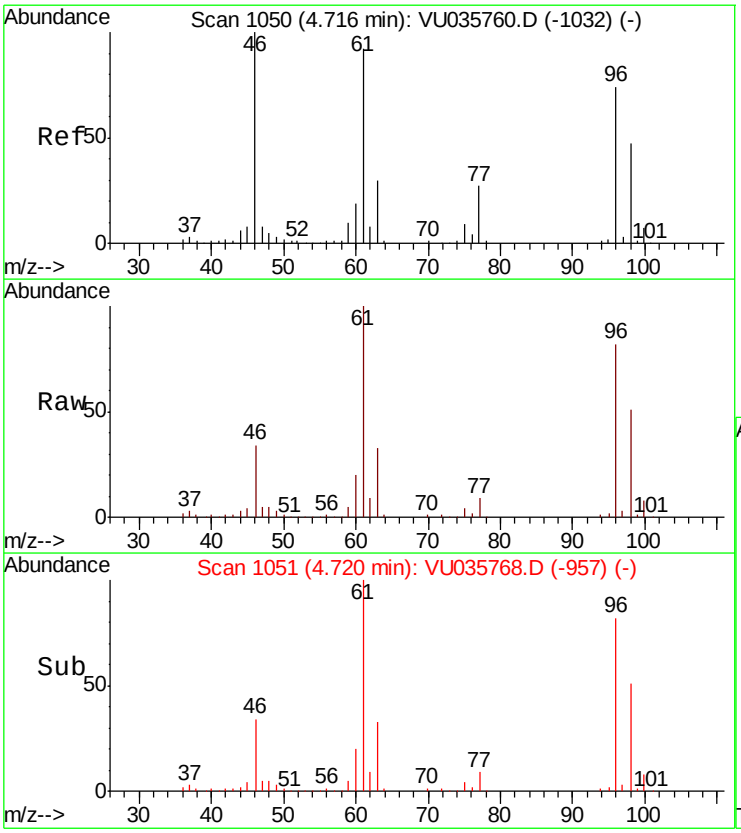
#21
2-Butanone
Concen: 8.112 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 37755

Ion	Ratio	Lower	Upper
43	100		
72	28.2	14.3	42.9

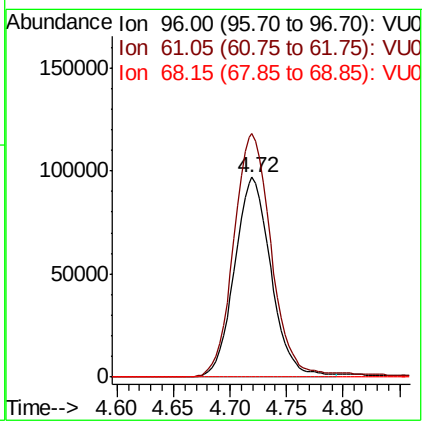


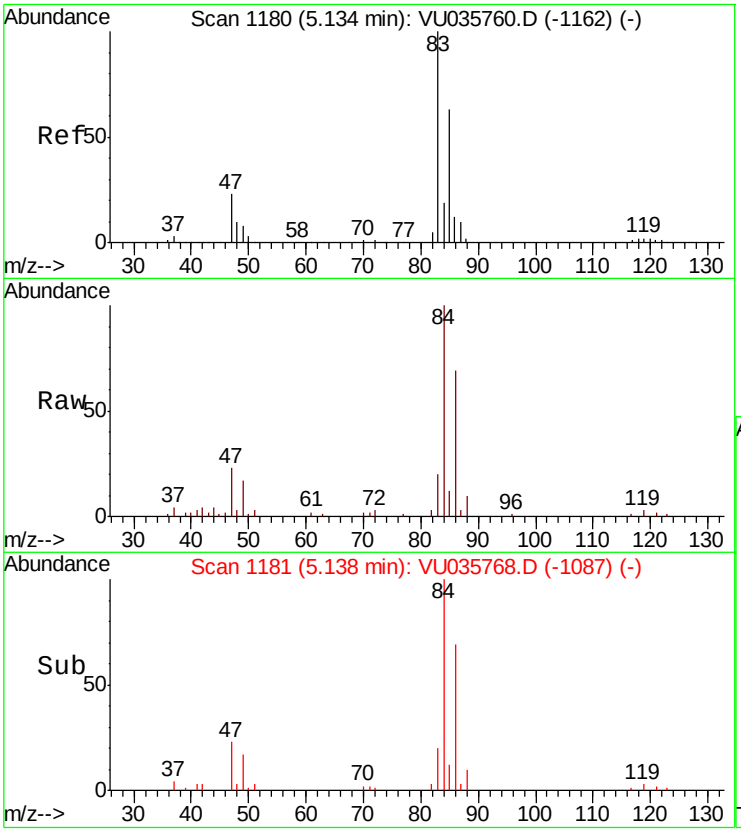


#22
cis-1,2-Dichloroethene
Concen: 11.398 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 96 Resp: 218013

Ion	Ratio	Lower	Upper
96	100		
61	121.8	87.0	161.6
68	0.0	0.0	0.0



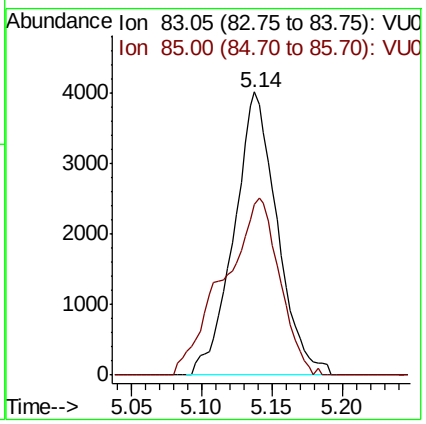


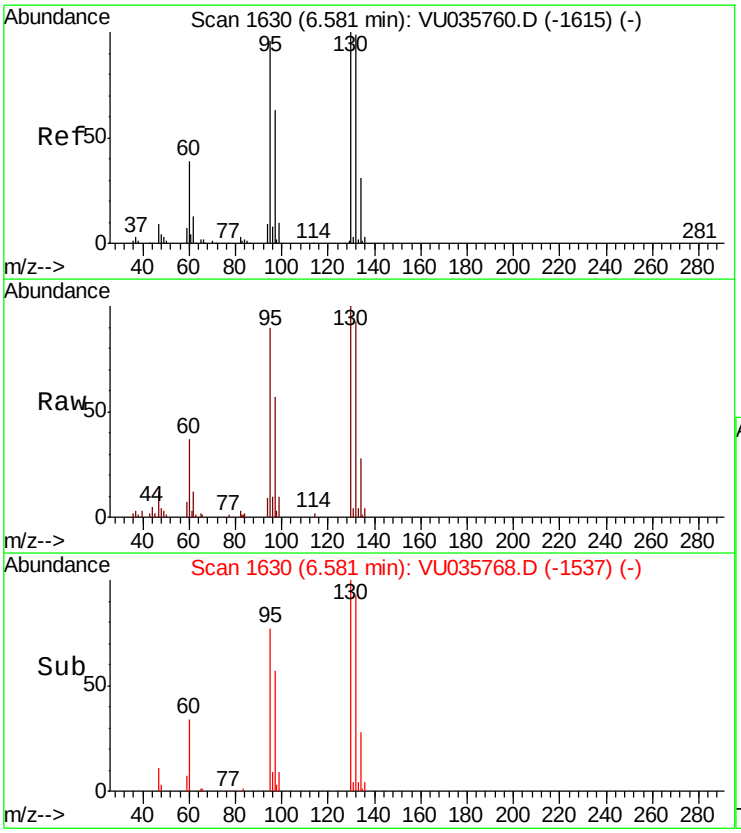
#25
Chloroform
Concen: 0.246 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8619

Ion	Ratio	Lower	Upper
83	100		
85	60.4	45.4	84.2

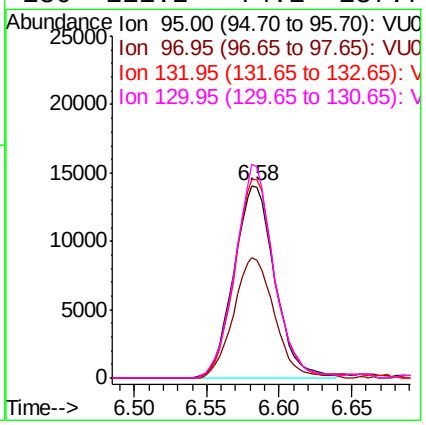


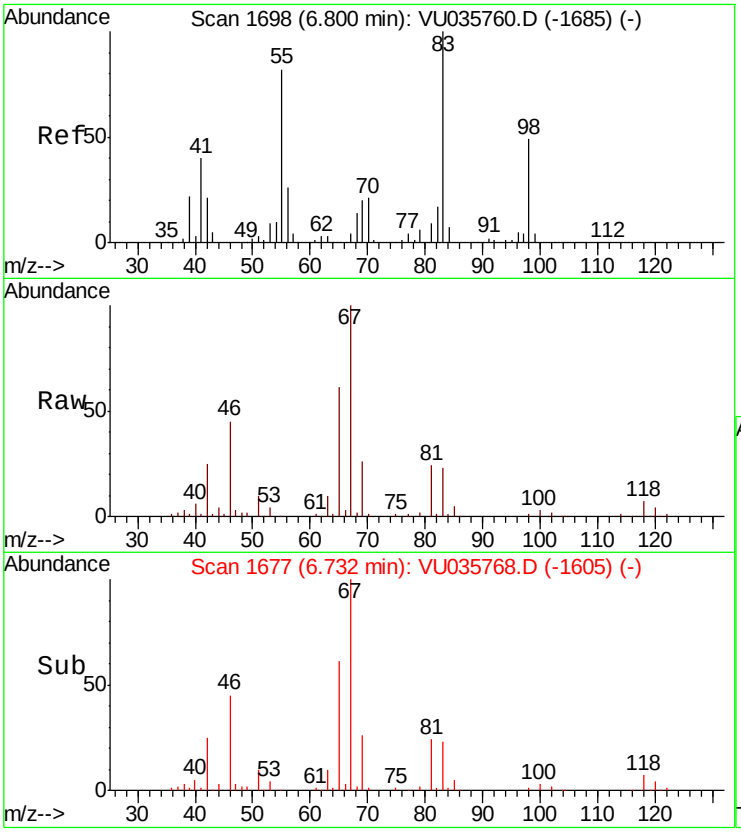


#34
Trichloroethene
Concen: 1.410 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 95 Resp: 27618

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.5	82.7
132	103.6	69.9	129.7
130	111.2	74.1	137.7



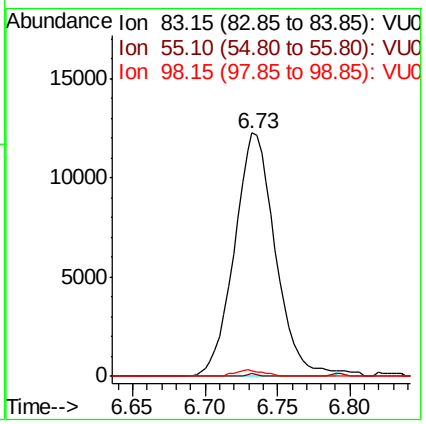


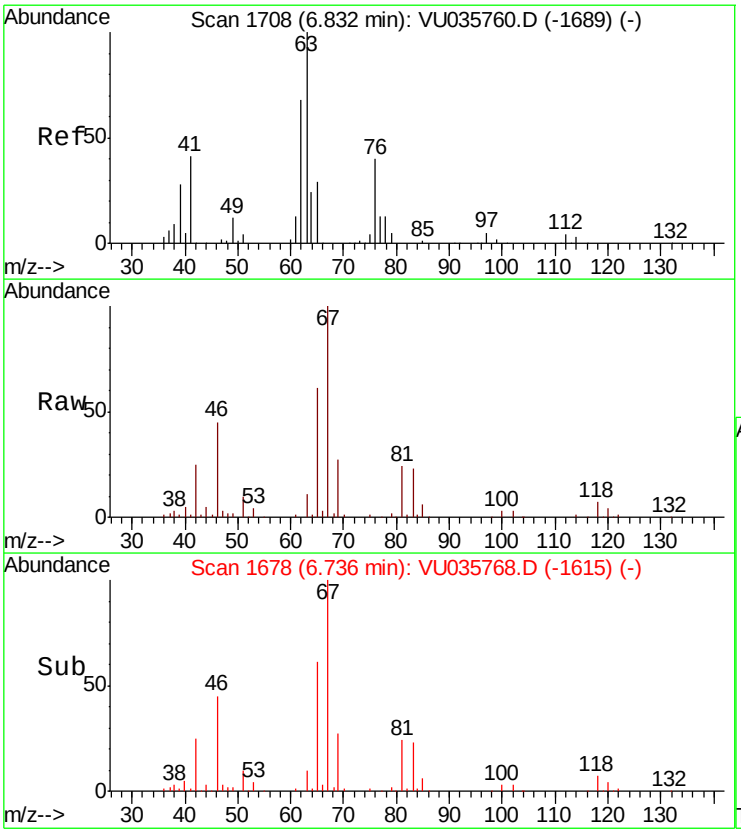
#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24038

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	93.8#
98	1.7	37.2	55.8#

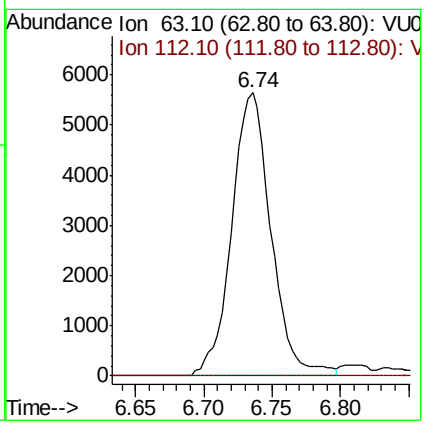


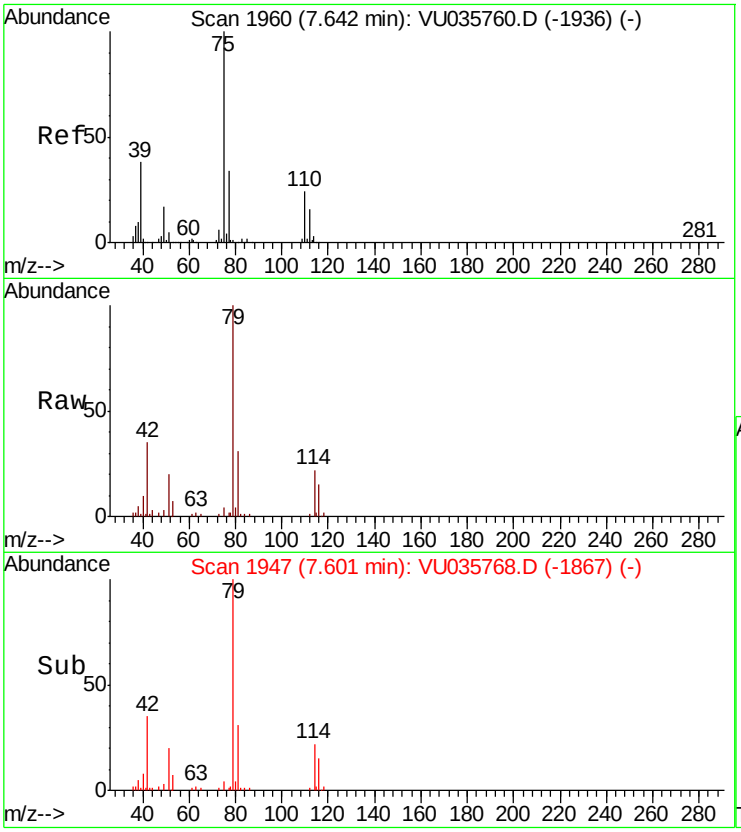


#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 63 Resp: 11274

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.4	5.2#



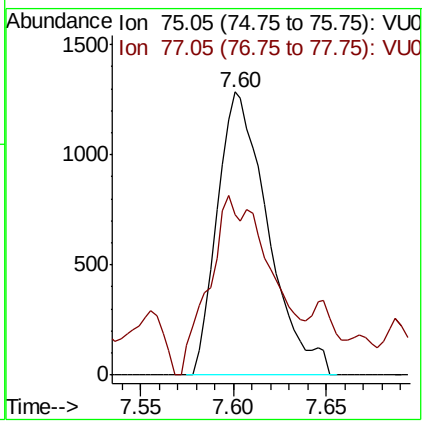


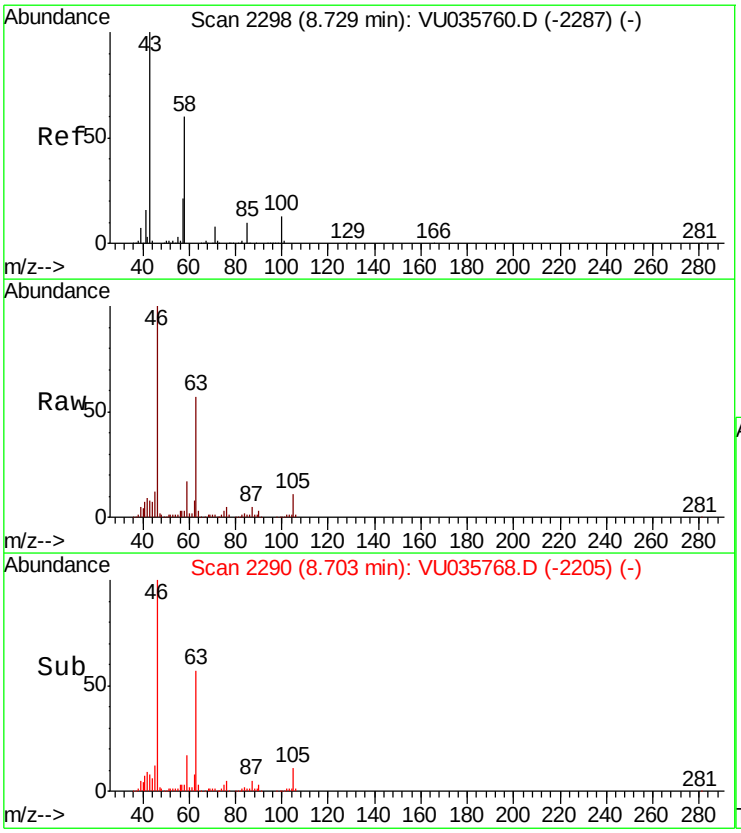
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2435

Ion	Ratio	Lower	Upper
75	100		
77	56.7	22.5	41.7#

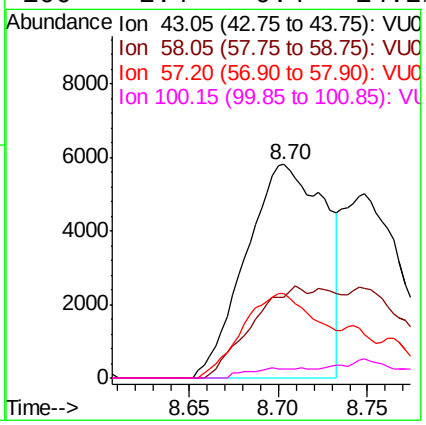


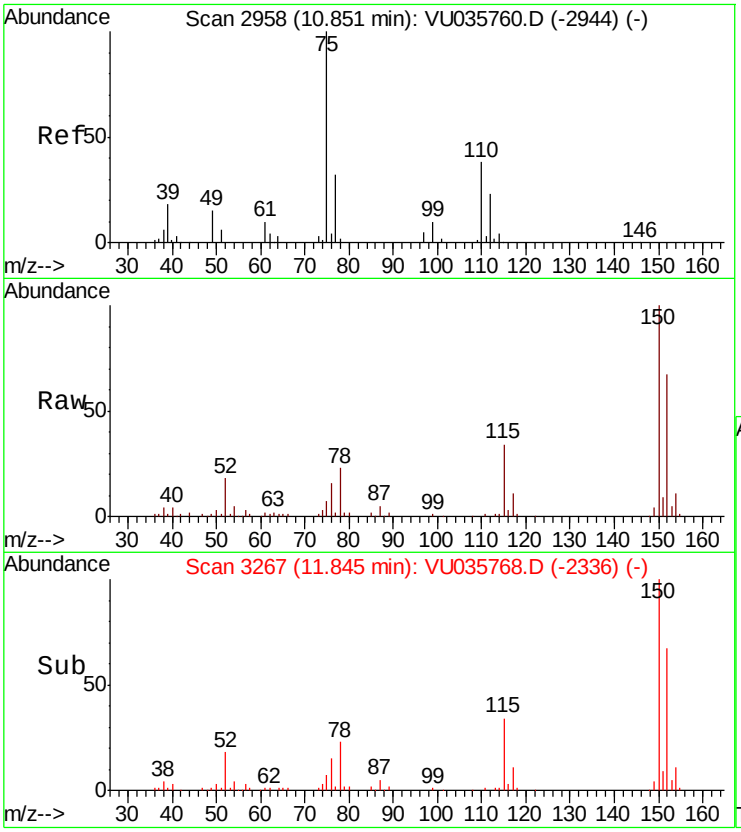


#48
2-Hexanone
Concen: 2.177 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Tgt Ion: 43 Resp: 17947

Ion	Ratio	Lower	Upper
43	100		
58	29.5	44.1	66.1#
57	37.8	15.1	22.7#
100	2.4	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 0.615 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035768.D
Acq: 19 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8206

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.8	40.2