Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035862.D
Acq On : 26 Nov 2019 17:17
Operator : JC/SP
Sample : K5992-09DL2 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARF0DL2

Quant Time: Nov 27 03:19:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	228783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99216	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	161613	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.93	69	141791	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.59	63	195517	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	4.70	46	360843	52.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	5.11	84	250368	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.75	65	136534	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.77	84	485175	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.73	67	167539	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.93	98	390743	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	8.21	79	59462	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.68	63	264892	50.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.50%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	130081	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	116523	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	76972	2.015	ug/L	95
8) Chloroethane	1.93	64	2073	0.094	ug/L #	61
12) 1,1-Dichloroethene	2.60	96	9152	0.384	ug/L #	1
13) Acetone	2.68	43	8572	1.411	ug/L	95
16) Methylene chloride	3.08	84	2990	0.104	ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	1896	0.081	ug/L	84
22) cis-1,2-Dichloroethene	4.72	96	105181	4.027	ug/L	99
34) Trichloroethene	6.58	95	410559	15.300	ug/L	99
35) Methylcyclohexane	6.73	83	37102	0.942	ug/L #	13
37) 1,2-Dichloropropane	6.73	63	17879	0.576	ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3779	0.094	ug/L #	40
59) 1,2,3-Trichloropropane	11.83	75	14231	0.705	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035862.D
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Sample : K5992-09DL2 400X
Misc : 25.0mL/MSVOA_U/WATER
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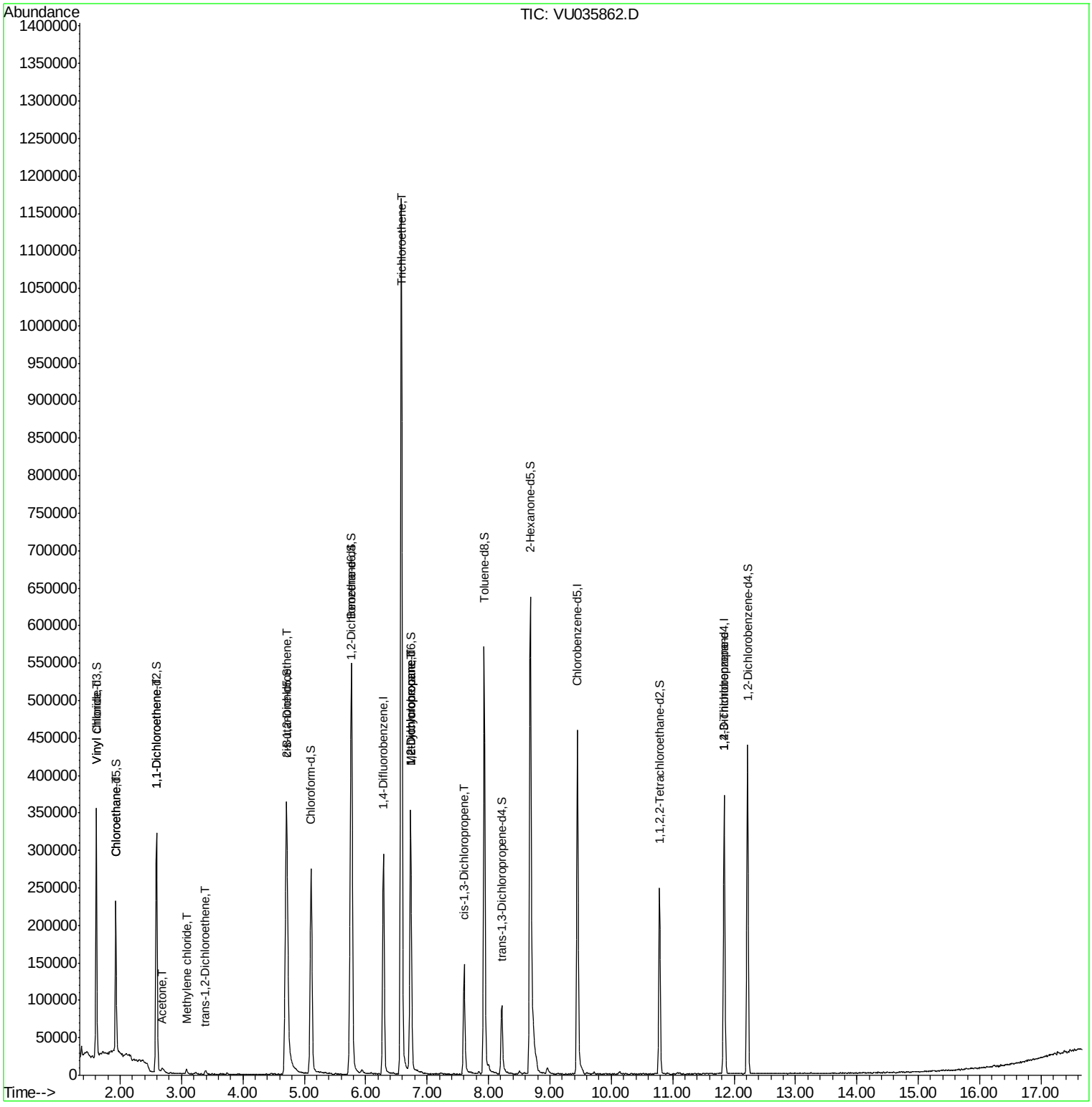
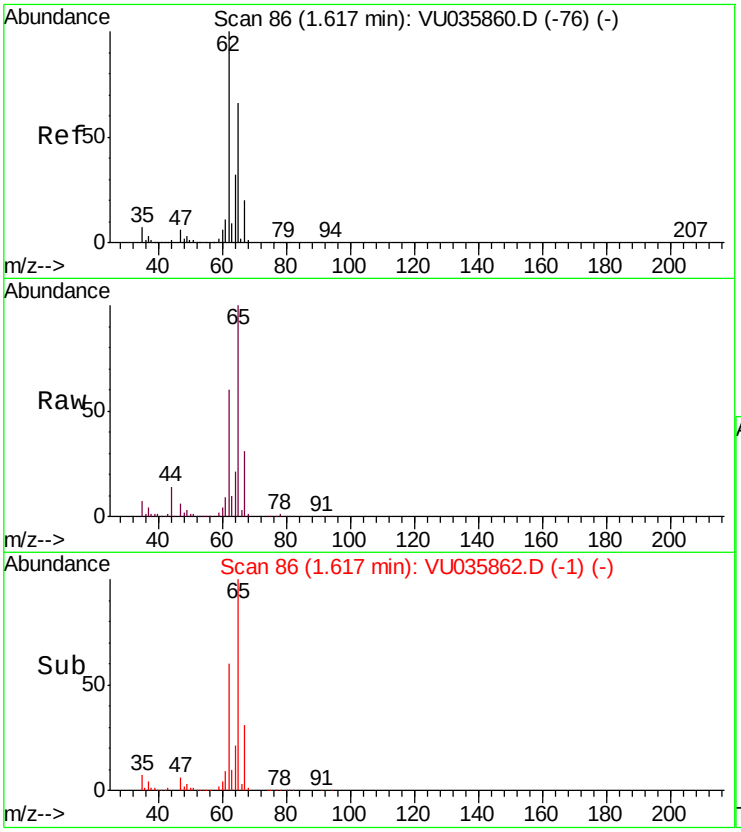
Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Quant Time: Nov 27 03:19:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration



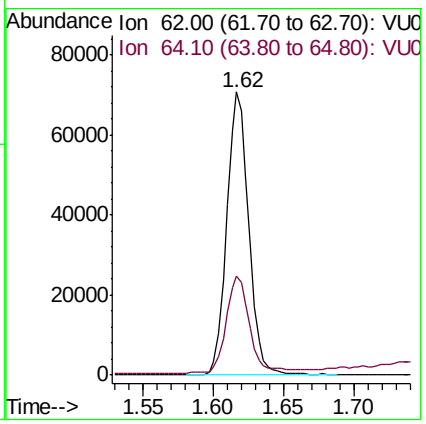


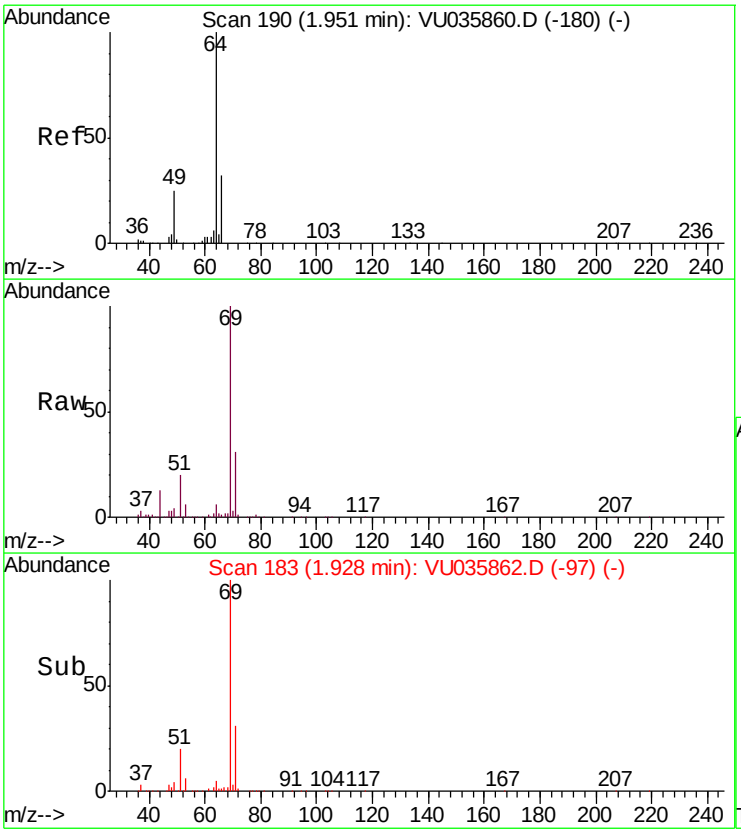
#5
Vinyl chloride
Concen: 2.015 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 62 Resp: 76972

Ion	Ratio	Lower	Upper
62	100		
64	35.0	22.5	41.9

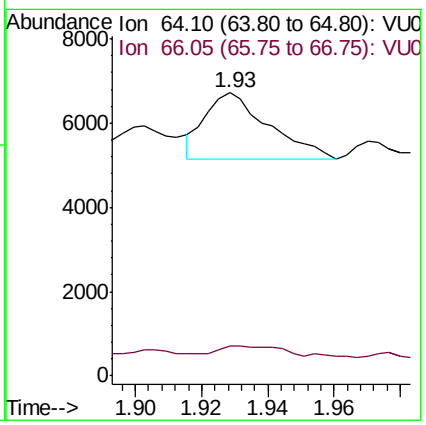


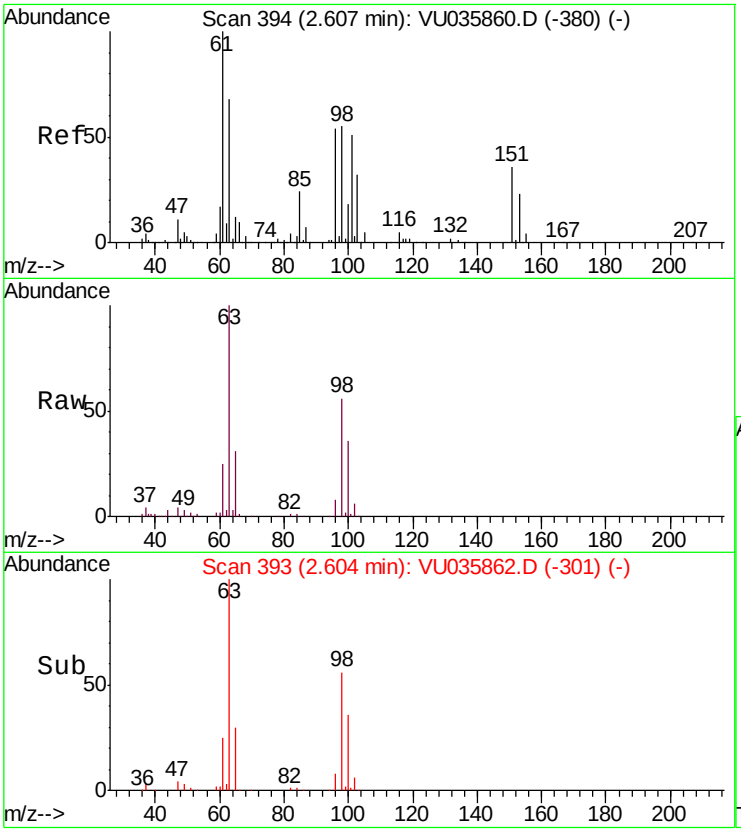


#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.93 min Scan# 183
Delta R.T. -0.02 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 64 Resp: 2073

Ion	Ratio	Lower	Upper
64	100		
66	10.5	22.3	41.5#



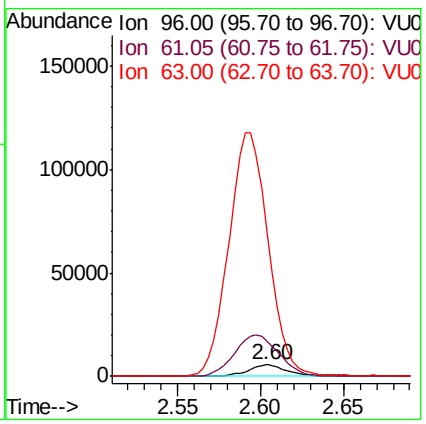


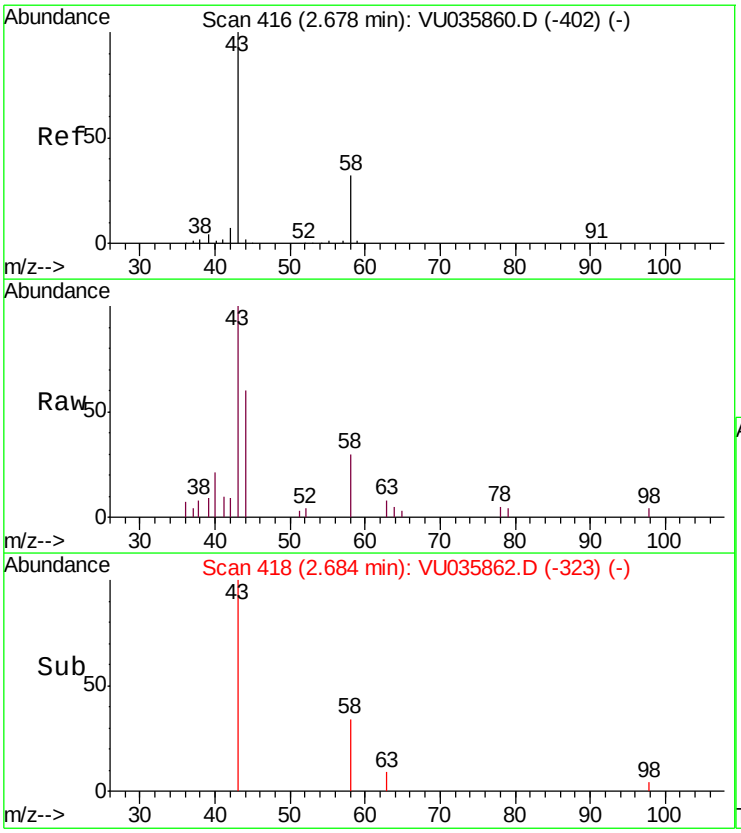
#12
1,1-Dichloroethene
Concen: 0.384 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 96 Resp: 9152

Ion	Ratio	Lower	Upper
96	100		
61	309.8	139.3	258.7#
63	1258.1	93.7	174.1#

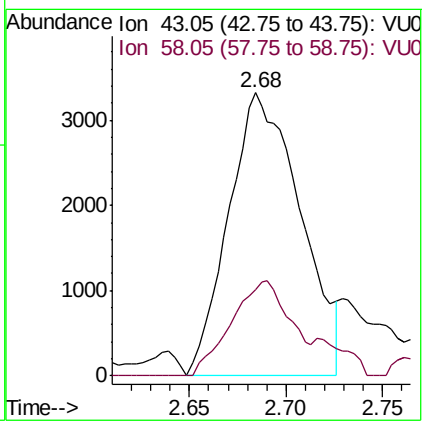


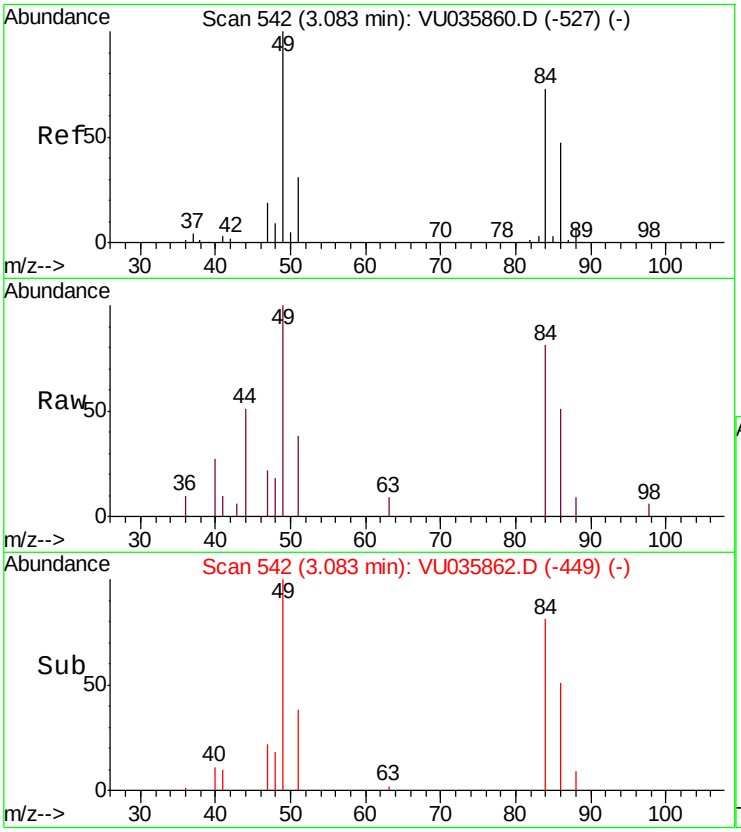


#13
Acetone
Concen: 1.411 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 43 Resp: 8572

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	61.2



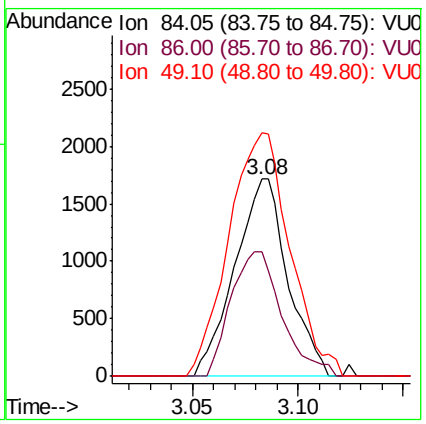


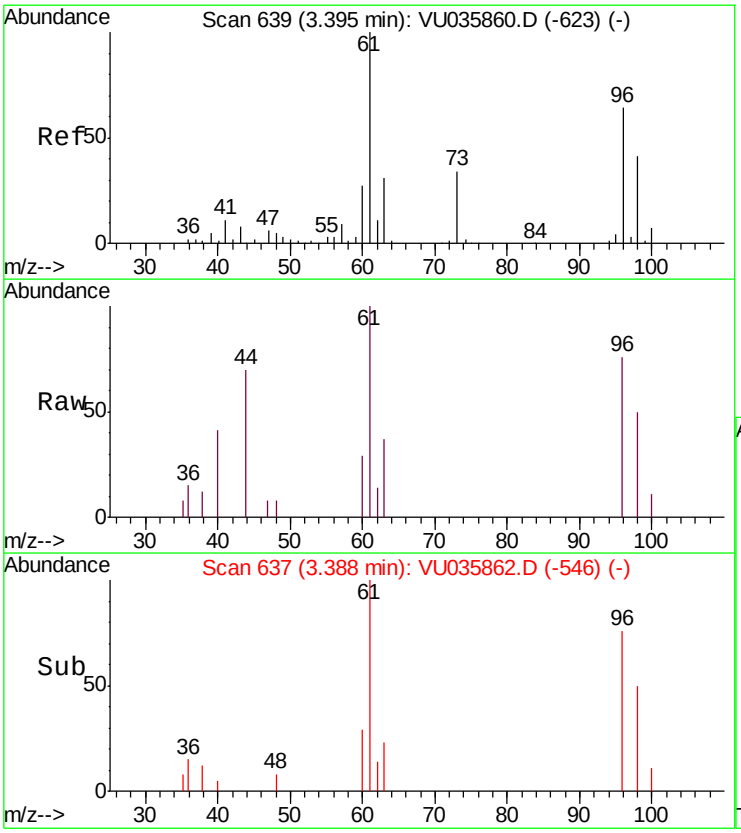
#16
Methylene chloride
Concen: 0.104 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 84 Resp: 2990

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.4	82.5
49	123.3	94.0	174.6

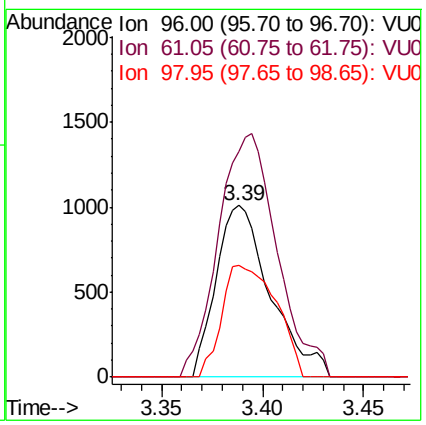


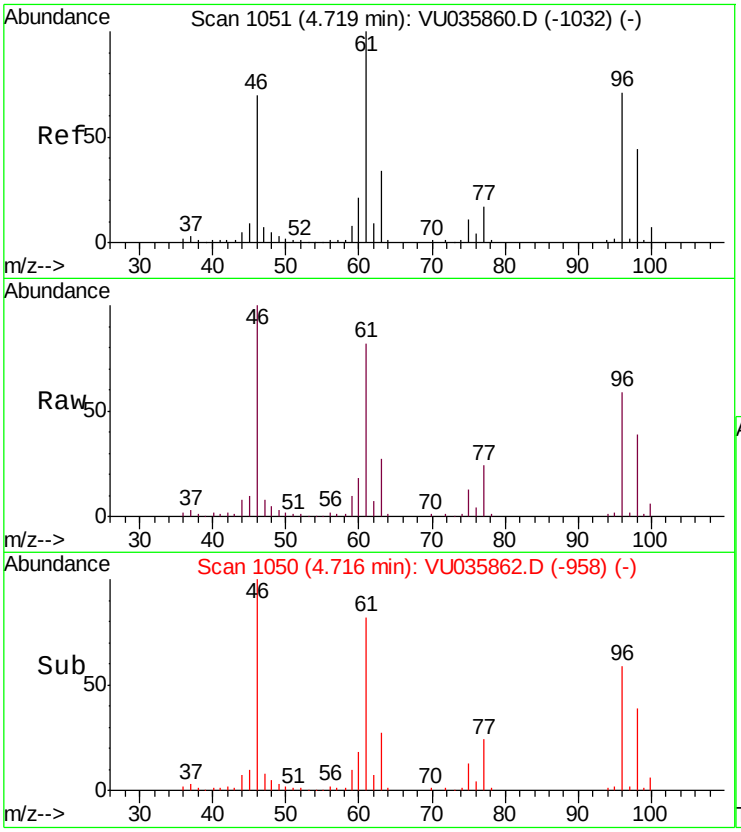


#18
trans-1,2-Dichloroethene
Concen: 0.081 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.01 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 96 Resp: 1896

Ion	Ratio	Lower	Upper
96	100		
61	131.4	111.1	206.3
98	65.3	43.1	80.1



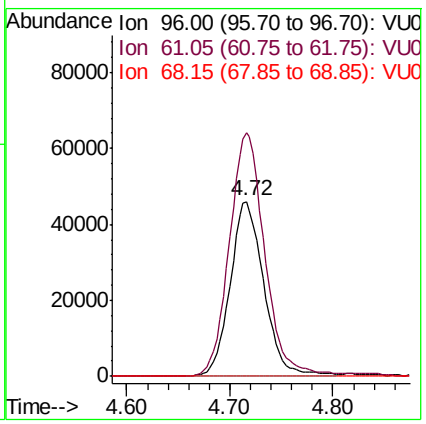


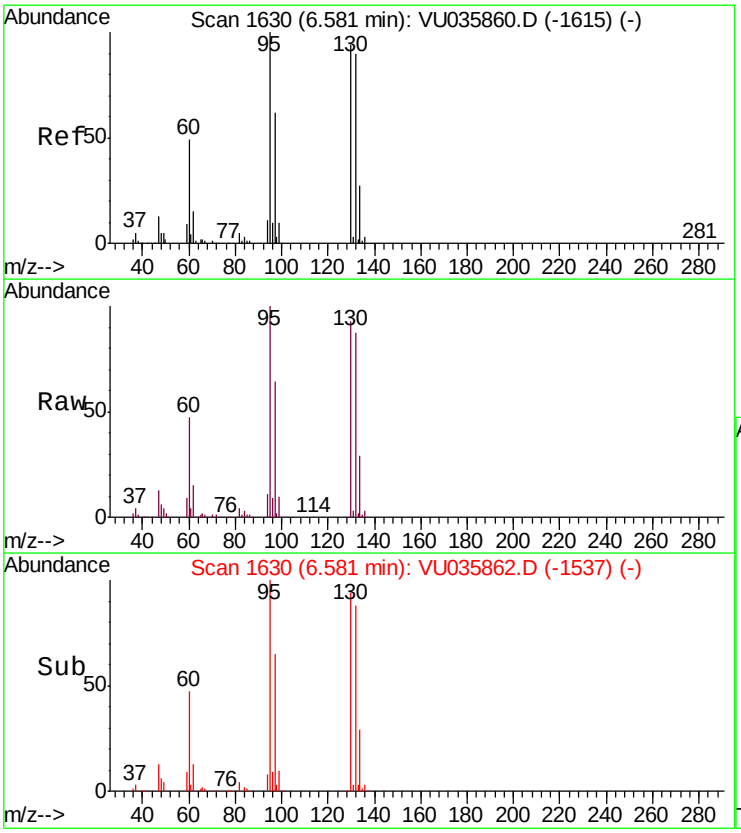
#22
cis-1,2-Dichloroethene
Concen: 4.027 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 96 Resp: 105181

Ion	Ratio	Lower	Upper
96	100		
61	139.2	98.1	182.1
68	0.0	0.0	0.0

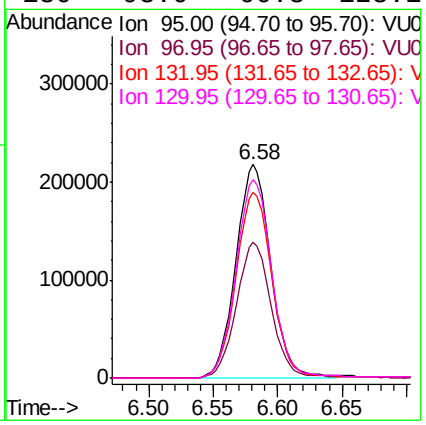


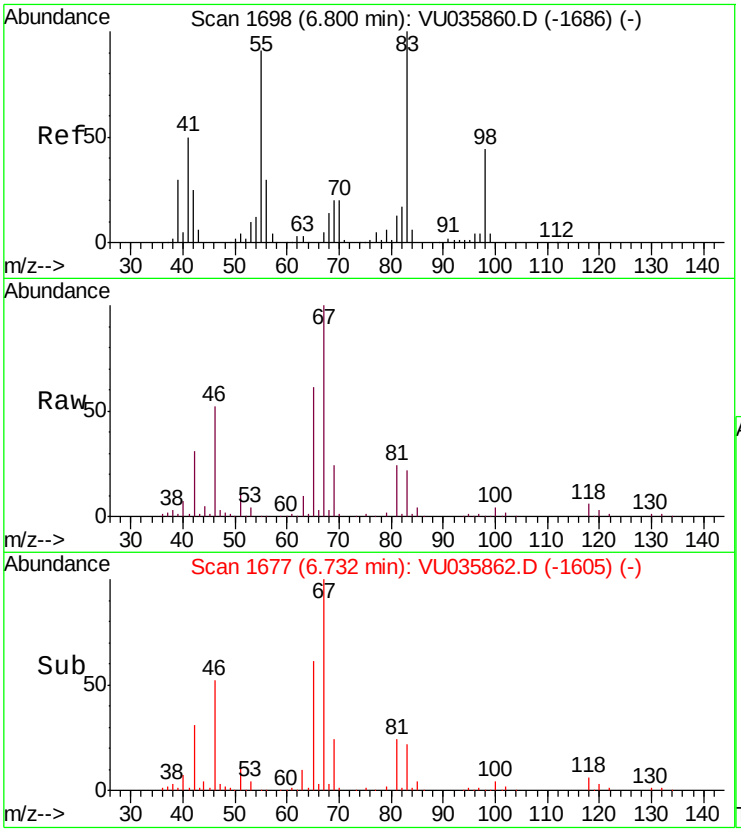


#34
Trichloroethene
Concen: 15.300 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 95 Resp: 410559

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.9
132	87.1	61.9	114.9
130	93.0	66.3	123.1



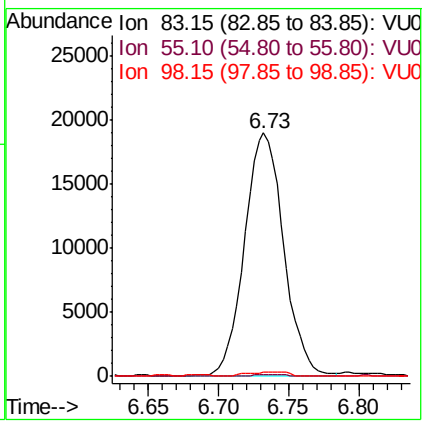


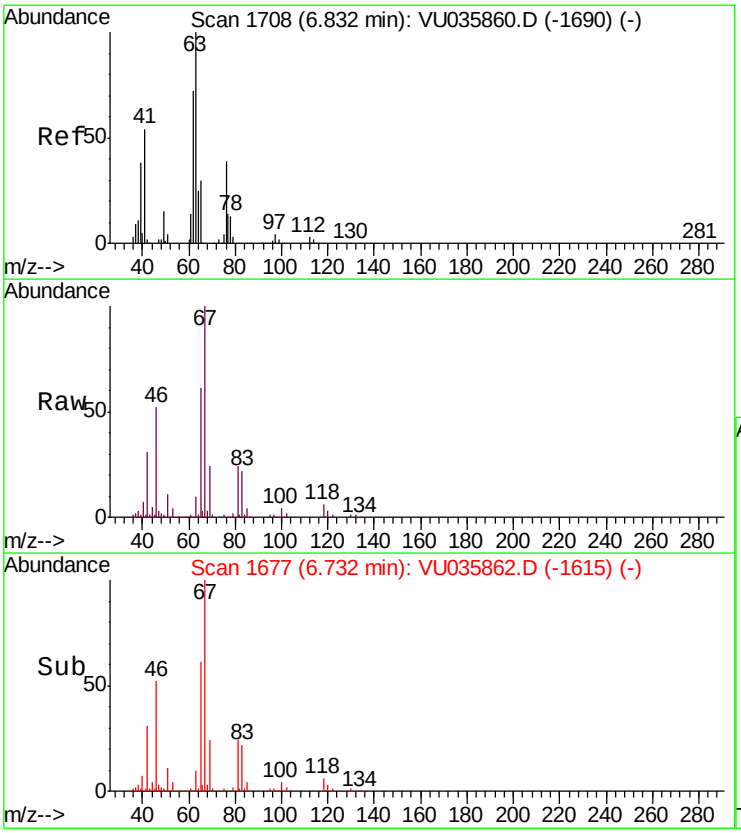
#35
Methylcyclohexane
Concen: 0.942 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 83 Resp: 37102

Ion	Ratio	Lower	Upper
83	100		
55	0.3	72.7	109.1#
98	0.0	36.2	54.4#

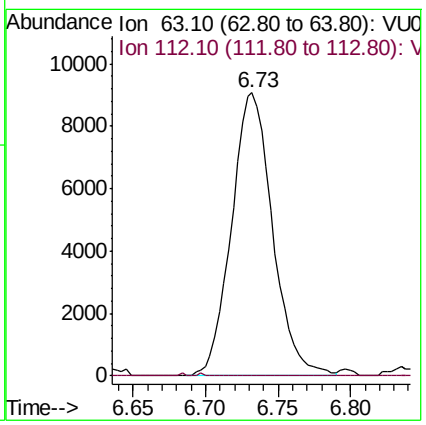


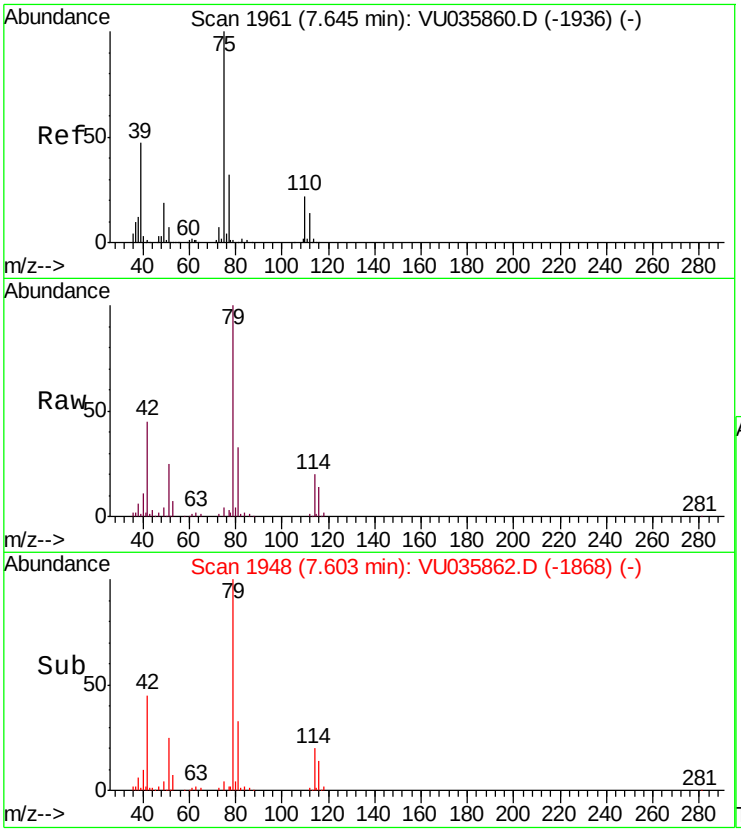


#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 63 Resp: 17879

Ion	Ratio	Lower	Upper
63	100		
112	0.1	2.7	4.1#



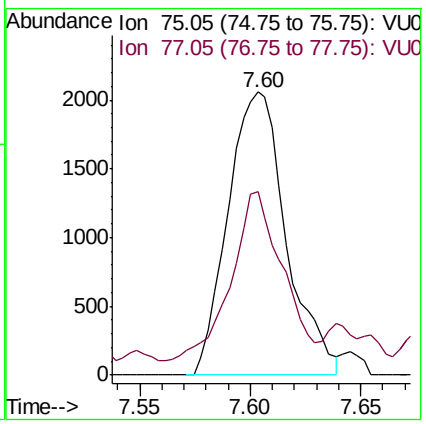


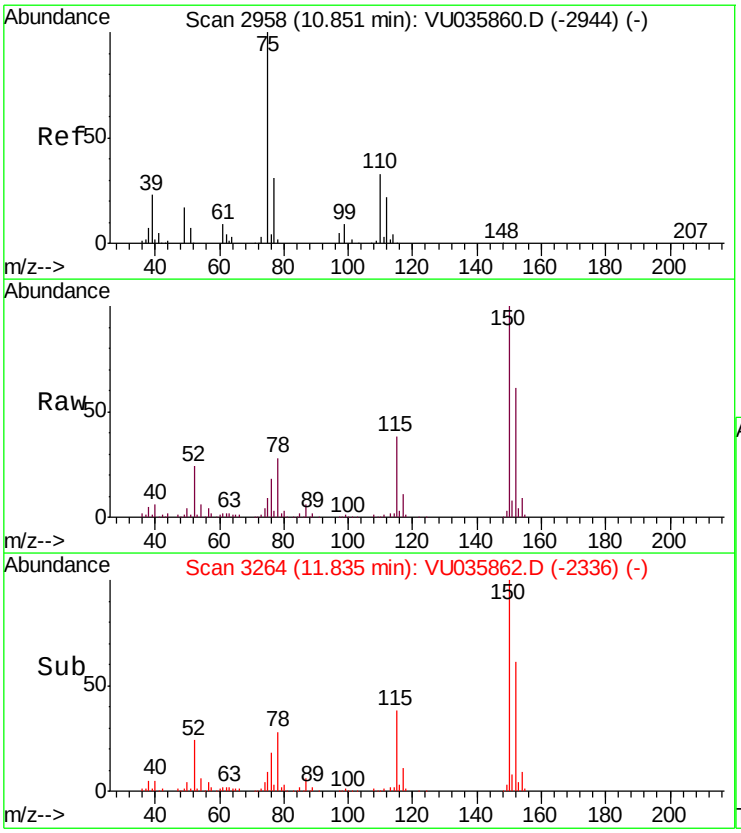
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 75 Resp: 3779

Ion	Ratio	Lower	Upper
75	100		
77	65.1	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 0.705 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 75 Resp: 14231

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.4	38.2