Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112219\
Data File : VU035818.D
Acq On : 22 Nov 2019 13:10
Operator : JC/SP
Sample : K5930-18 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 23 00:17:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 00:14:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72245	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	134968	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.93	69	125643	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.60	63	185990	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	4.69	46	332297	46.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.60%			
24) Chloroform-d	5.11	84	245311	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.75	65	140787	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.77	84	464685	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.74	67	168559	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.93	98	355057	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.00%			
43) trans-1,3-Dichloropropene-	8.22	79	53372	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.70	63	201457	36.28	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.56%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	124197	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	76193	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	6408	0.163	ug/L #	1
8) Chloroethane	1.96	64	8994	0.396	ug/L	88
12) 1,1-Dichloroethene	2.61	96	19675	0.805	ug/L #	1
13) Acetone	2.67	43	6024	0.966	ug/L	98
16) Methylene chloride	3.09	84	6516	0.221	ug/L	92
17) Methyl tert-butyl Ether	3.42	73	6799	0.115	ug/L	92
19) 1,1-Dichloroethane	3.92	63	61534	1.138	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	4592	0.171	ug/L	98
25) Chloroform	5.14	83	27705	0.527	ug/L	92
29) 1,1,1-Trichloroethane	5.36	97	14782	0.331	ug/L	99
34) Trichloroethene	6.58	95	107086	3.789	ug/L	95
35) Methylcyclohexane	6.74	83	36903	0.890	ug/L #	14
37) 1,2-Dichloropropane	6.74	63	18016	0.551	ug/L #	90
47) Tetrachloroethene	8.58	164	4008	0.186	ug/L	88
48) 2-Hexanone	8.70	43	24231	1.640	ug/L #	77
49) Dibromochloromethane	8.58	129	3759	0.150	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10171	0.479	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112219\
Data File : VU035818.D
Acq On : 22 Nov 2019 13:10
Operator : JC/SP
Sample : K5930-18 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 00:17:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 00:14:30 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\VU112219\
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Acq On : 22 Nov 2019 13:10
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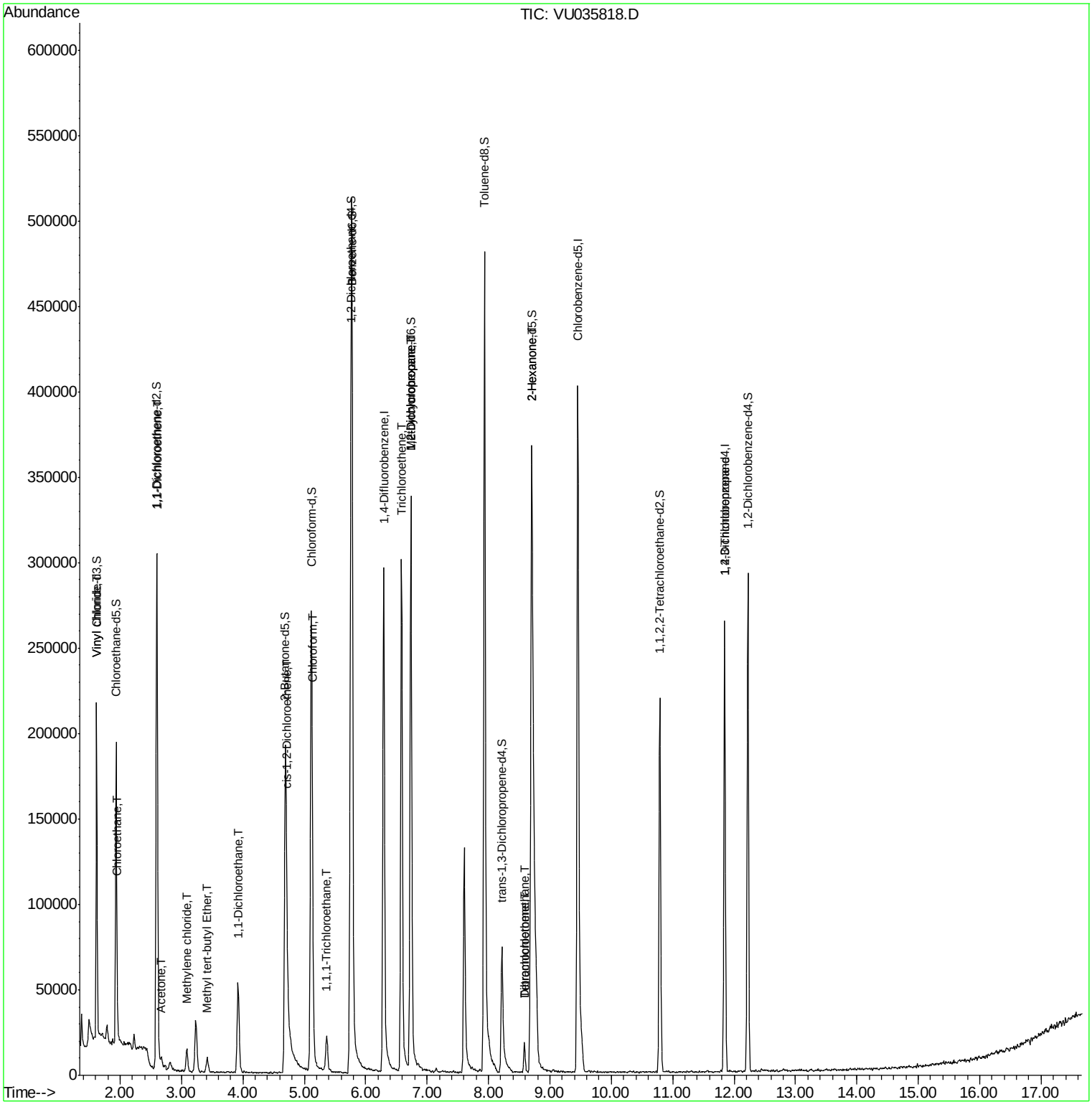
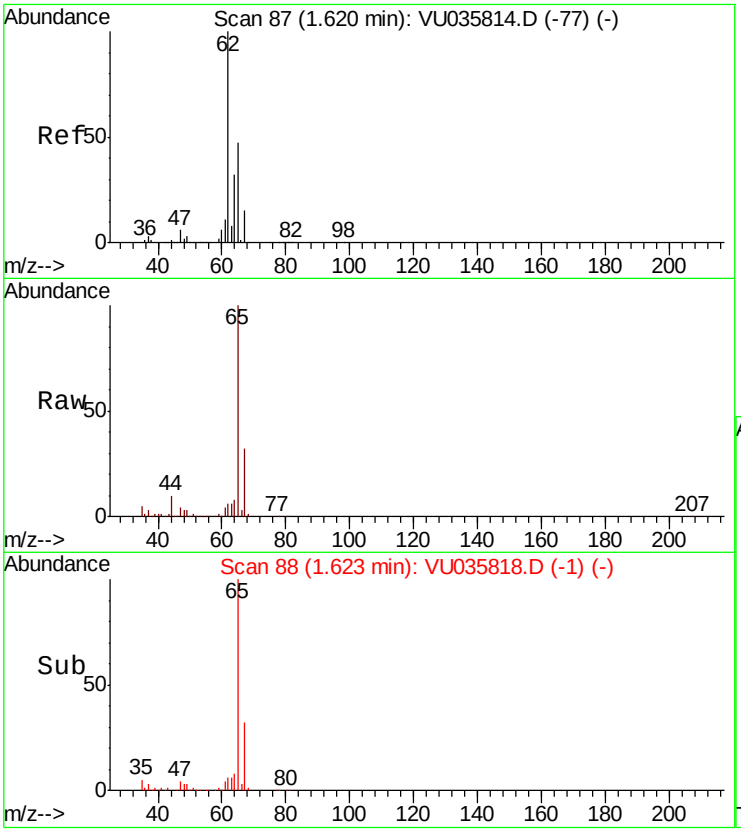
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 00:14:30 2019
Response via : Initial Calibration



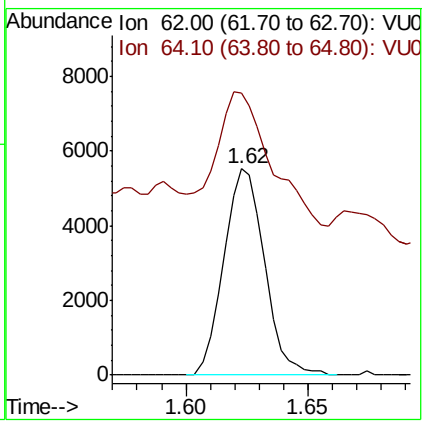


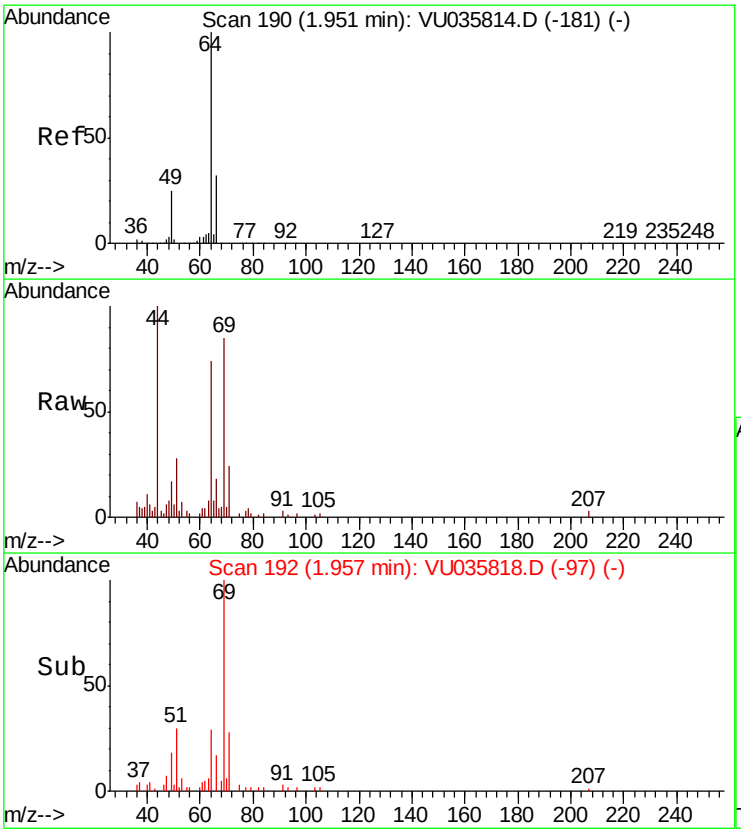
#5
Vinyl chloride
Concen: 0.163 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 6408

Ion	Ratio	Lower	Upper
62	100		
64	136.9	22.5	41.9#

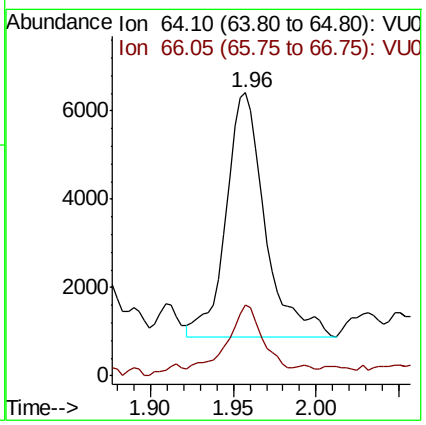


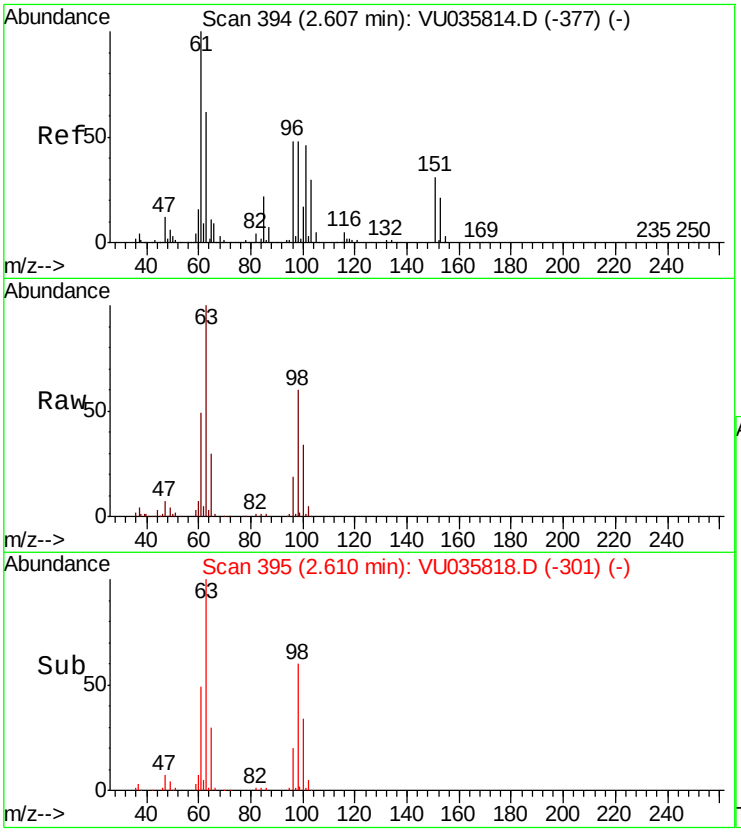


#8
Chloroethane
Concen: 0.396 ug/L
RT: 1.96 min Scan# 192
Delta R.T. 0.01 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 64 Resp: 8994

Ion	Ratio	Lower	Upper
64	100		
66	25.0	22.3	41.5



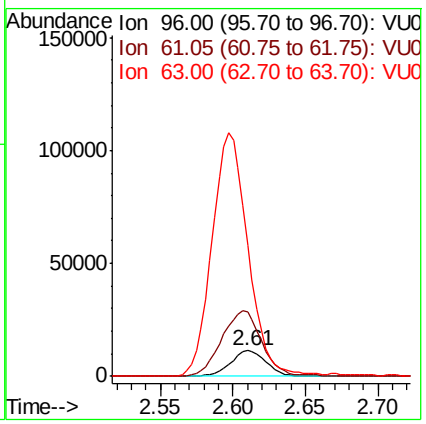


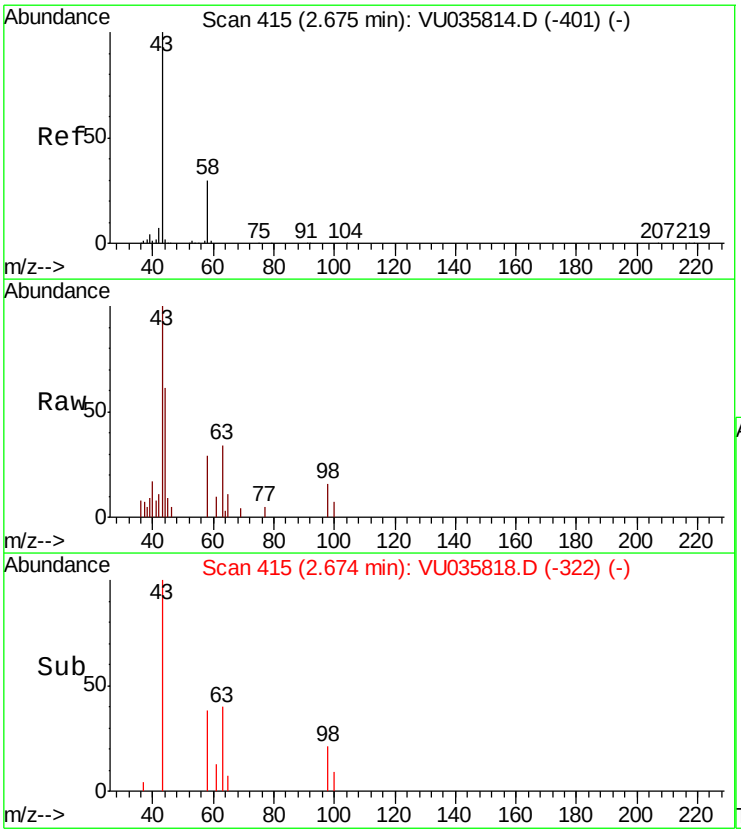
#12
1,1-Dichloroethene
Concen: 0.805 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 19675

Ion	Ratio	Lower	Upper
96	100		
61	251.8	139.3	258.7
63	513.5	93.7	174.1#

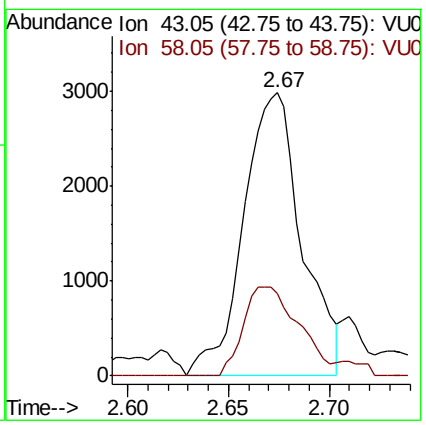


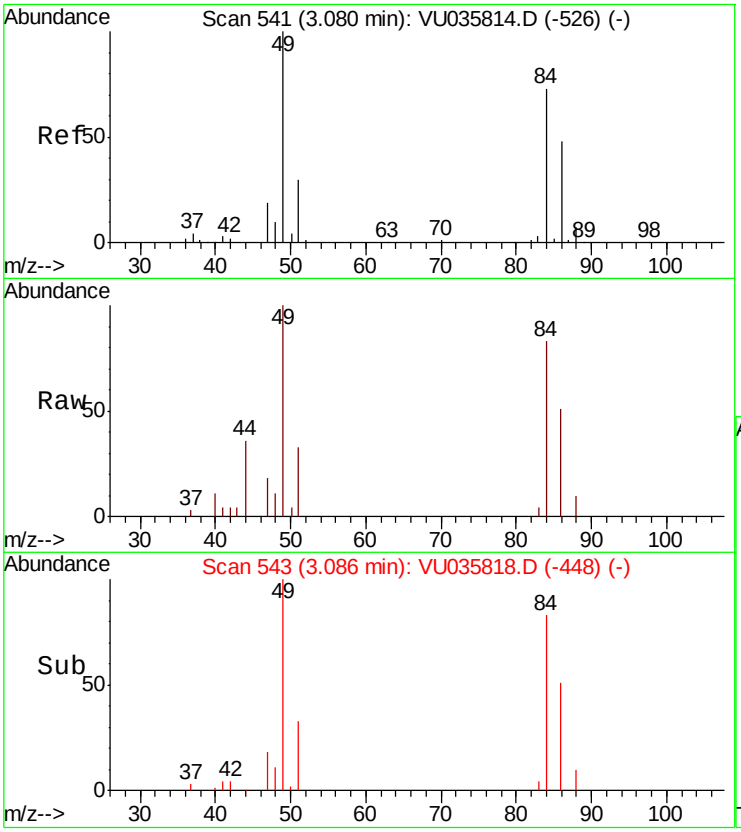


#13
Acetone
Concen: 0.966 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 43 Resp: 6024

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	61.2



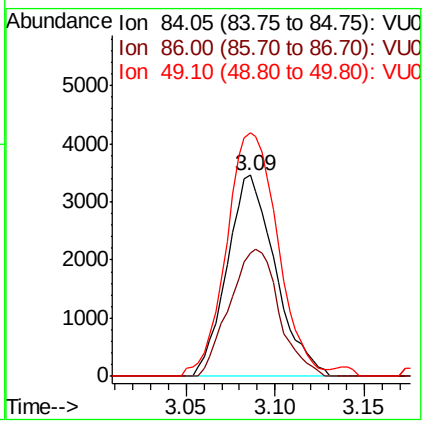


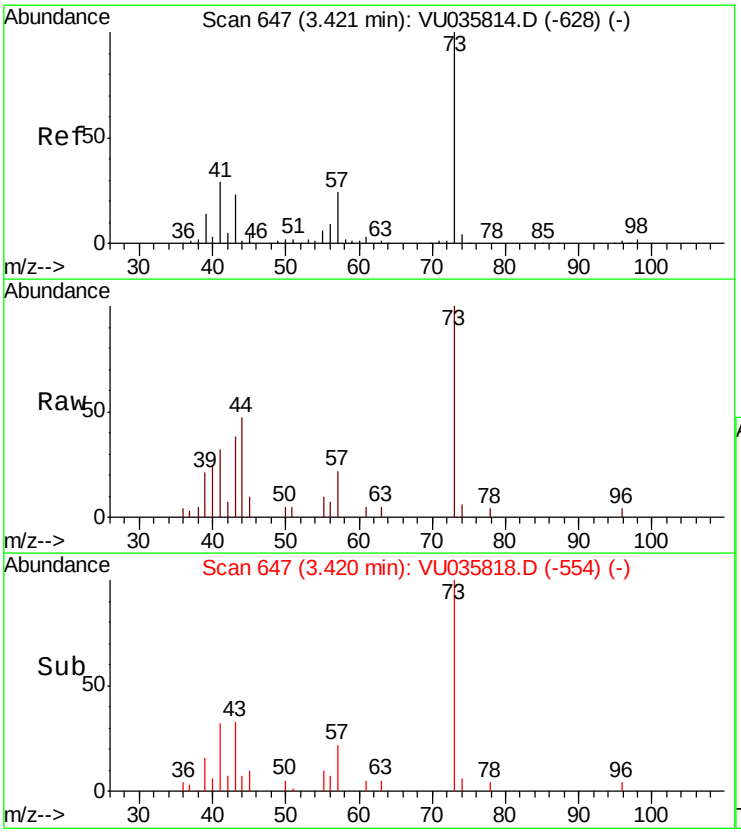
#16
Methylene chloride
Concen: 0.221 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6516

Ion	Ratio	Lower	Upper
84	100		
86	61.5	44.4	82.5
49	121.1	94.0	174.6

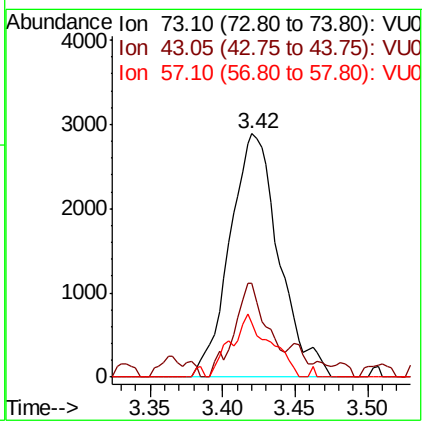


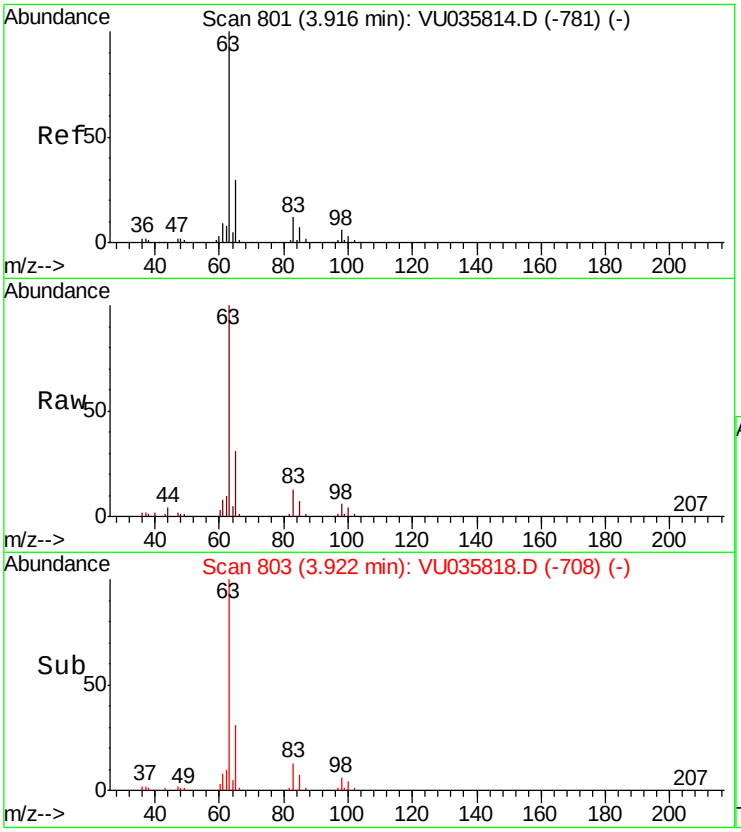


#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 3.42 min Scan# 647
Delta R.T. -0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 73 Resp: 6799

Ion	Ratio	Lower	Upper
73	100		
43	26.0	17.4	26.2
57	20.3	19.4	29.0



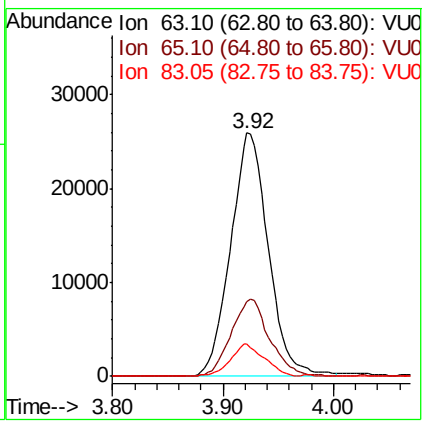


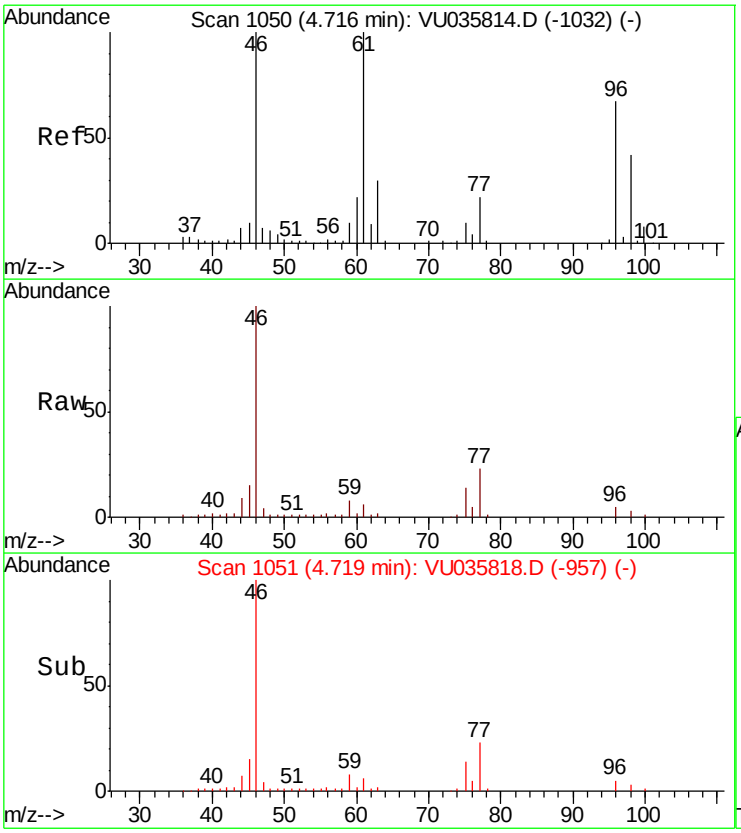
#19
1,1-Dichloroethane
Concen: 1.138 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 61534

Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.8	40.4
83	13.1	8.6	16.0

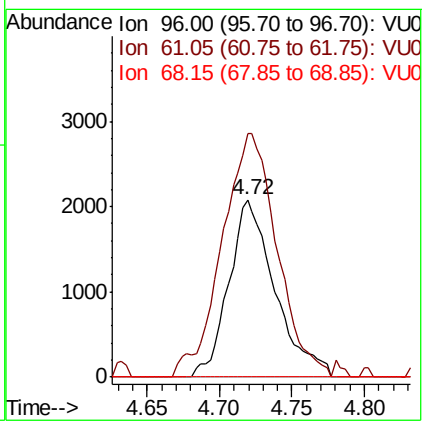


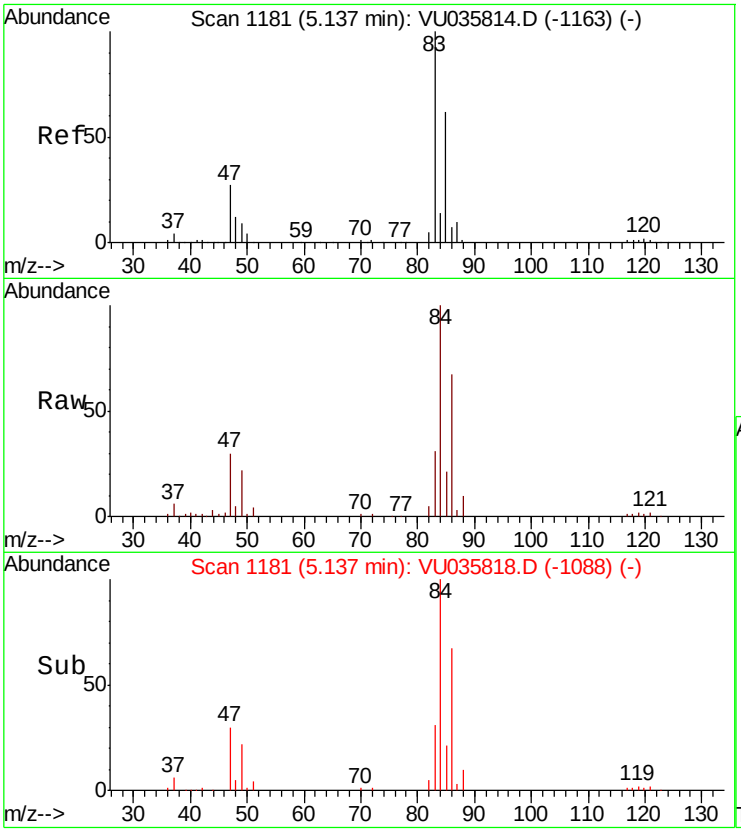


#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 96 Resp: 4592

Ion	Ratio	Lower	Upper
96	100		
61	137.3	98.1	182.1
68	0.0	0.0	0.0



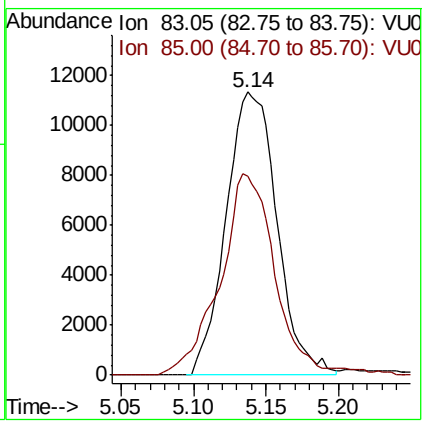


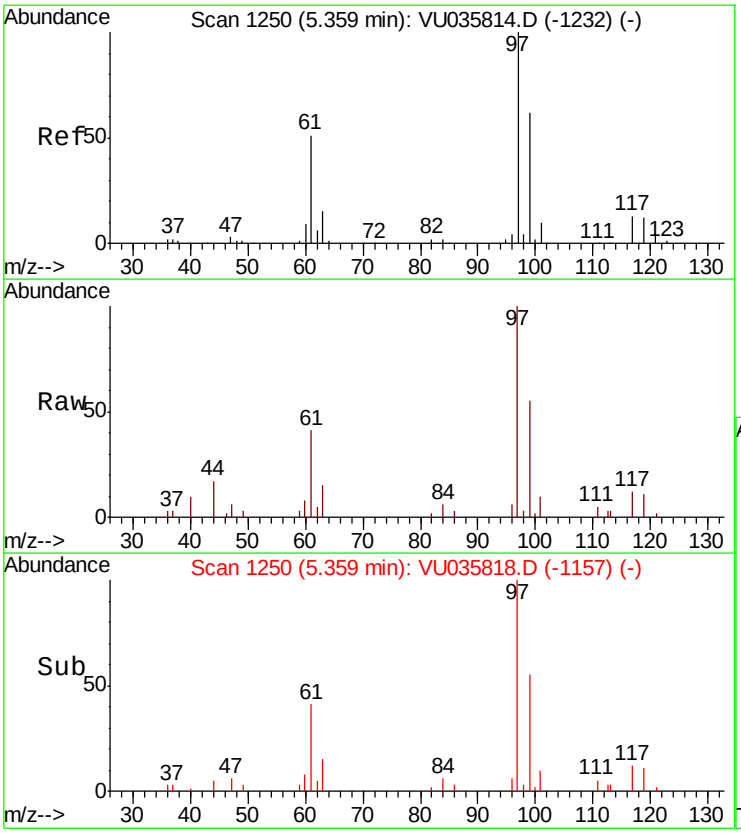
#25
Chloroform
Concen: 0.527 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 27705

Ion	Ratio	Lower	Upper
83	100		
85	70.2	44.6	82.8

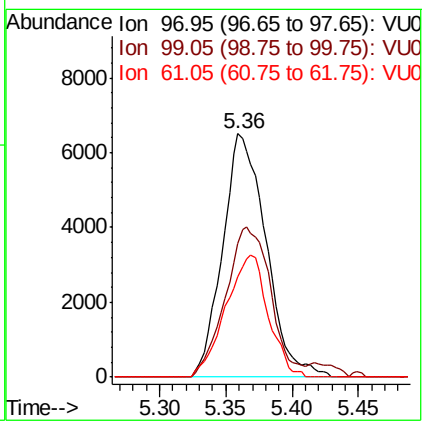


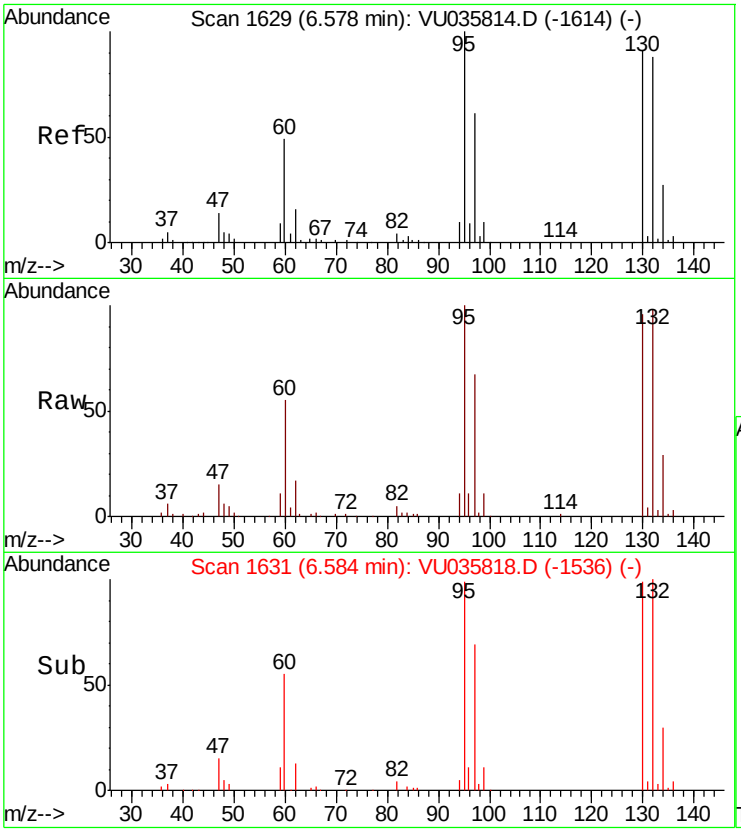


#29
1,1,1-Trichloroethane
Concen: 0.331 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 97 Resp: 14782

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	49.0	40.3	60.5



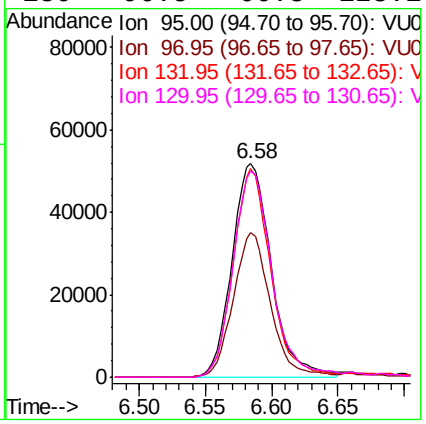


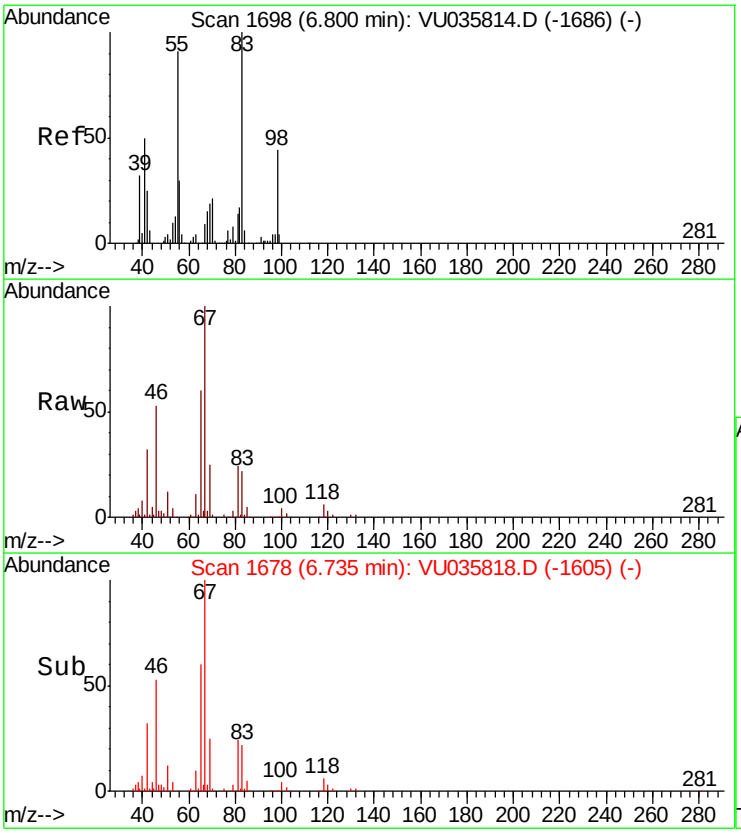
#34
Trichloroethene
Concen: 3.789 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 107086

Ion	Ratio	Lower	Upper
95	100		
97	67.4	45.1	83.9
132	97.7	61.9	114.9
130	96.5	66.3	123.1

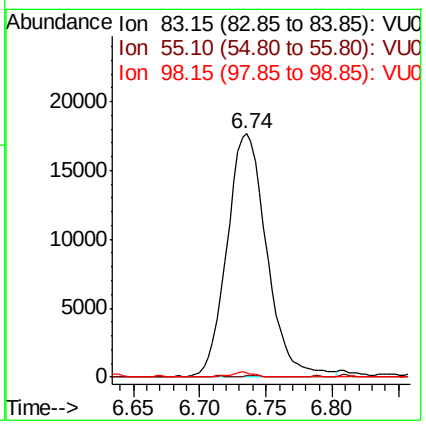


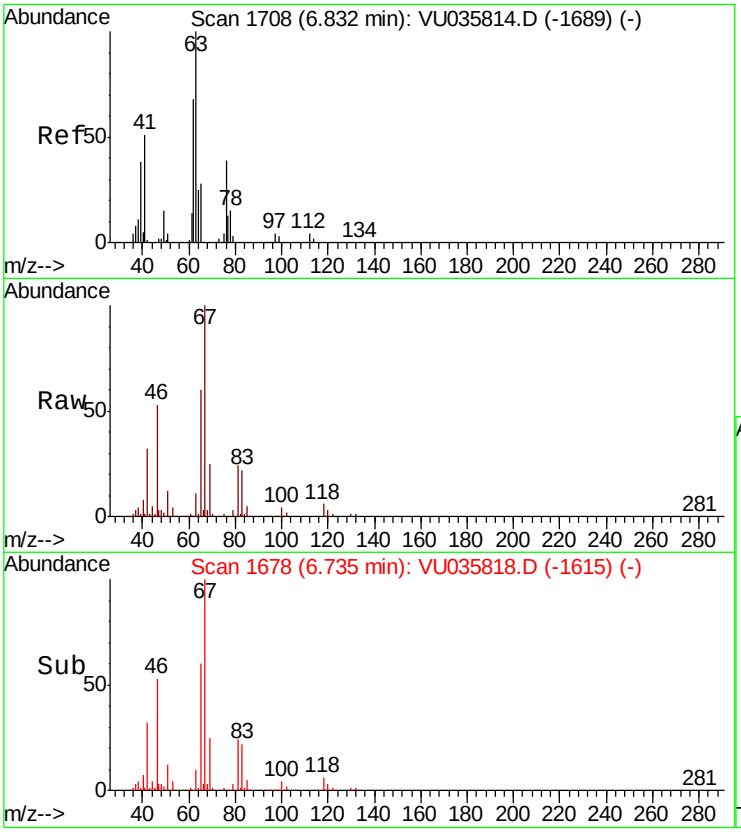


#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion: 83 Resp: 36903

Ion	Ratio	Lower	Upper
83	100		
55	0.3	72.7	109.1#
98	1.1	36.2	54.4#



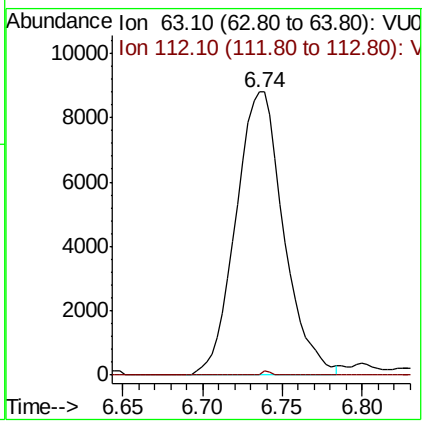


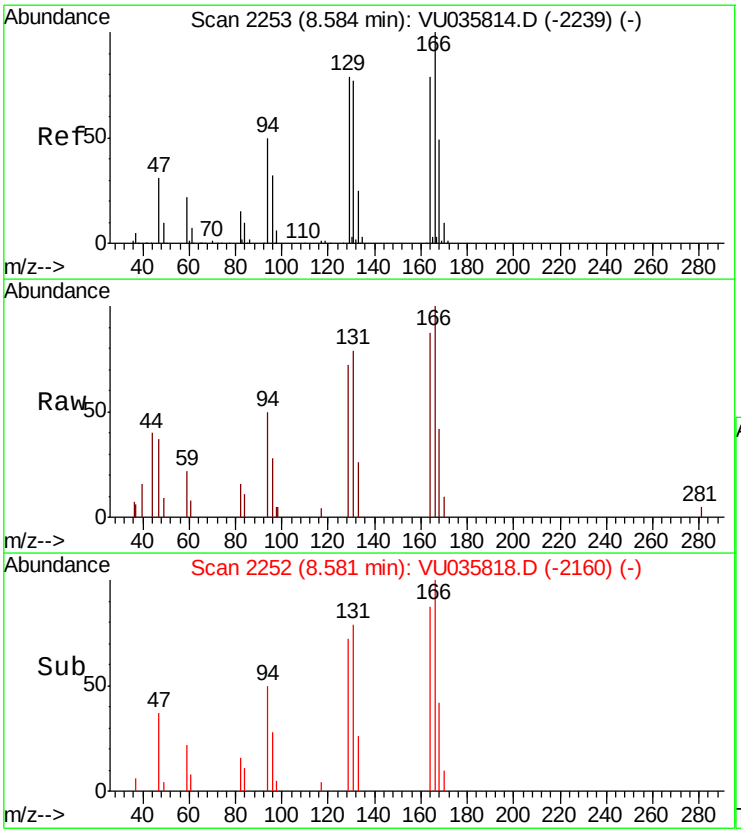
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 18016

Ion	Ratio	Lower	Upper
63	100		
112	0.2	2.7	4.1#

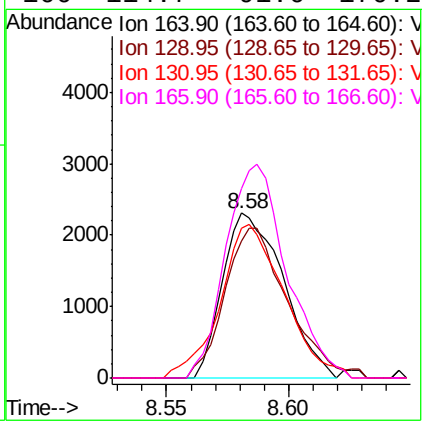


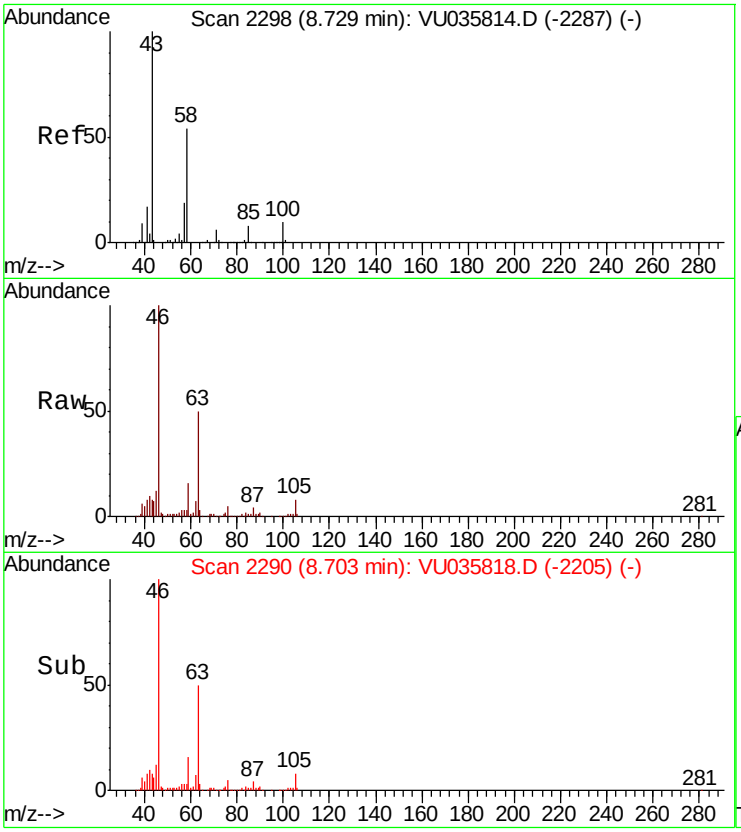


#47
Tetrachloroethene
Concen: 0.186 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion:164 Resp: 4008

Ion	Ratio	Lower	Upper
164	100		
129	82.9	68.8	127.8
131	91.0	67.3	124.9
166	114.7	91.6	170.2



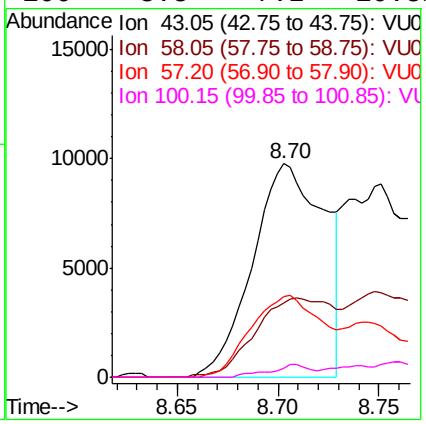


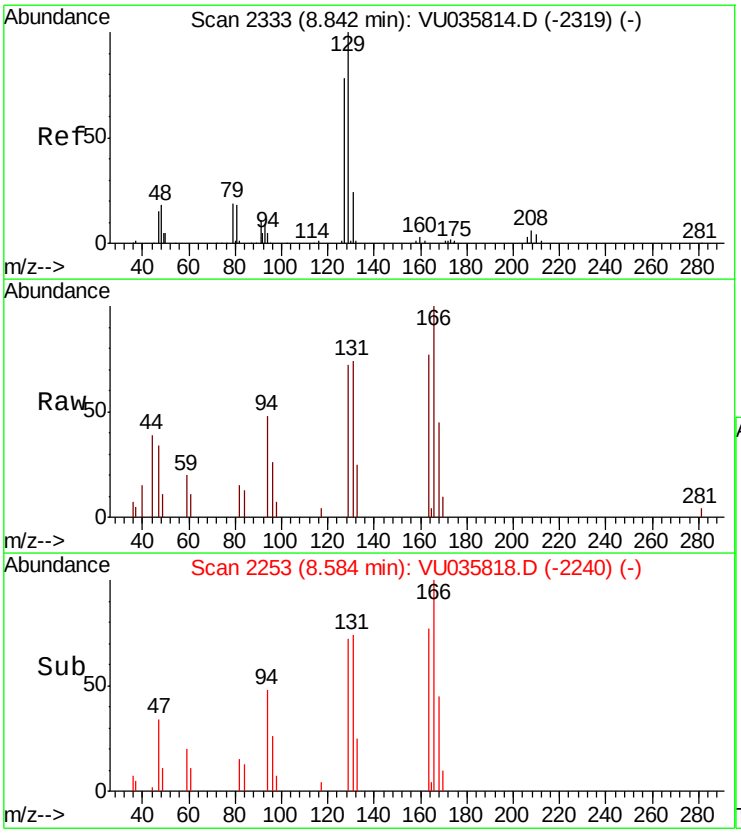
#48
2-Hexanone
Concen: 1.640 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 24231

Ion	Ratio	Lower	Upper
43	100		
58	39.1	39.8	59.8#
57	37.6	14.0	21.0#
100	3.3	7.2	10.8#

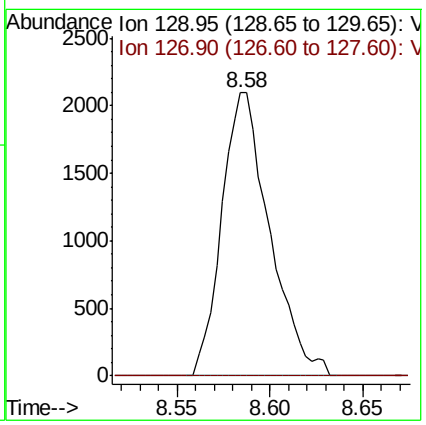


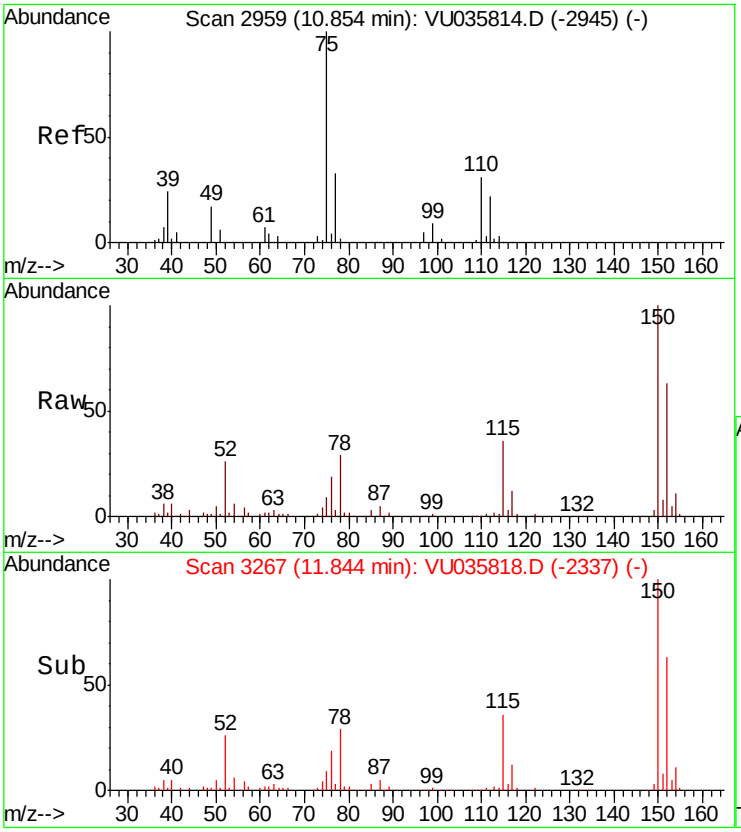


#49
Dibromochloromethane
Concen: 0.150 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Tgt Ion:129 Resp: 3759

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#





#59
1,2,3-Trichloropropane
Concen: 0.479 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035818.D
Acq: 22 Nov 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10171

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2