Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\

Quantitation Report (Not Reviewed)

Data File : VU035803.D
Acq On : 21 Nov 2019 15:11
Operator : JC/SP
Sample : K5930-05 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AA5

Quant Time: Nov 22 01:36:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	242611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88732	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	158119	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.93	69	140737	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.59	63	228932	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	4.70	46	384035	52.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.72%			
24) Chloroform-d	5.11	84	257860	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.75	65	153603	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.77	84	517214	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.74	67	182937	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.93	98	429514	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.22	79	61481	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.70	63	239792	42.66	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.32%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	139232	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	106243	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			

Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	30157	0.744	ug/L #	73
12) 1,1-Dichloroethene	2.61	96	8284	0.328	ug/L #	1
13) Acetone	2.67	43	33712	5.233	ug/L	95
14) Carbon disulfide	2.82	76	8387	0.100	ug/L #	56
16) Methylene chloride	3.08	84	14376	0.471	ug/L	98
18) trans-1,2-Dichloroethene	3.40	96	2299	0.092	ug/L	74
19) 1,1-Dichloroethane	3.92	63	50312	0.901	ug/L	97
21) 2-Butanone	4.78	43	24225	2.972	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	15479	0.559	ug/L	99
25) Chloroform	5.14	83	18425	0.339	ug/L	96
34) Trichloroethene	6.58	95	46934	1.641	ug/L	97
35) Methylcyclohexane	6.74	83	39830	0.949	ug/L #	14
39) cis-1,3-Dichloropropene	7.60	75	4826	0.113	ug/L #	54
48) 2-Hexanone	8.71	43	26135	1.747	ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	11984	0.557	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\

Quantitation Report (Not Reviewed)

Data File : VU035803.D
Acq On : 21 Nov 2019 15:11
Operator : JC/SP
Sample : K5930-05 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Quant Time: Nov 22 01:36:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 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\VU112119\

Quantitation Report (Not Reviewed)

Data File : VU035803.D
Acq On : 21 Nov 2019 15:11
Operator : JC/SP
Sample : K5930-05 10X
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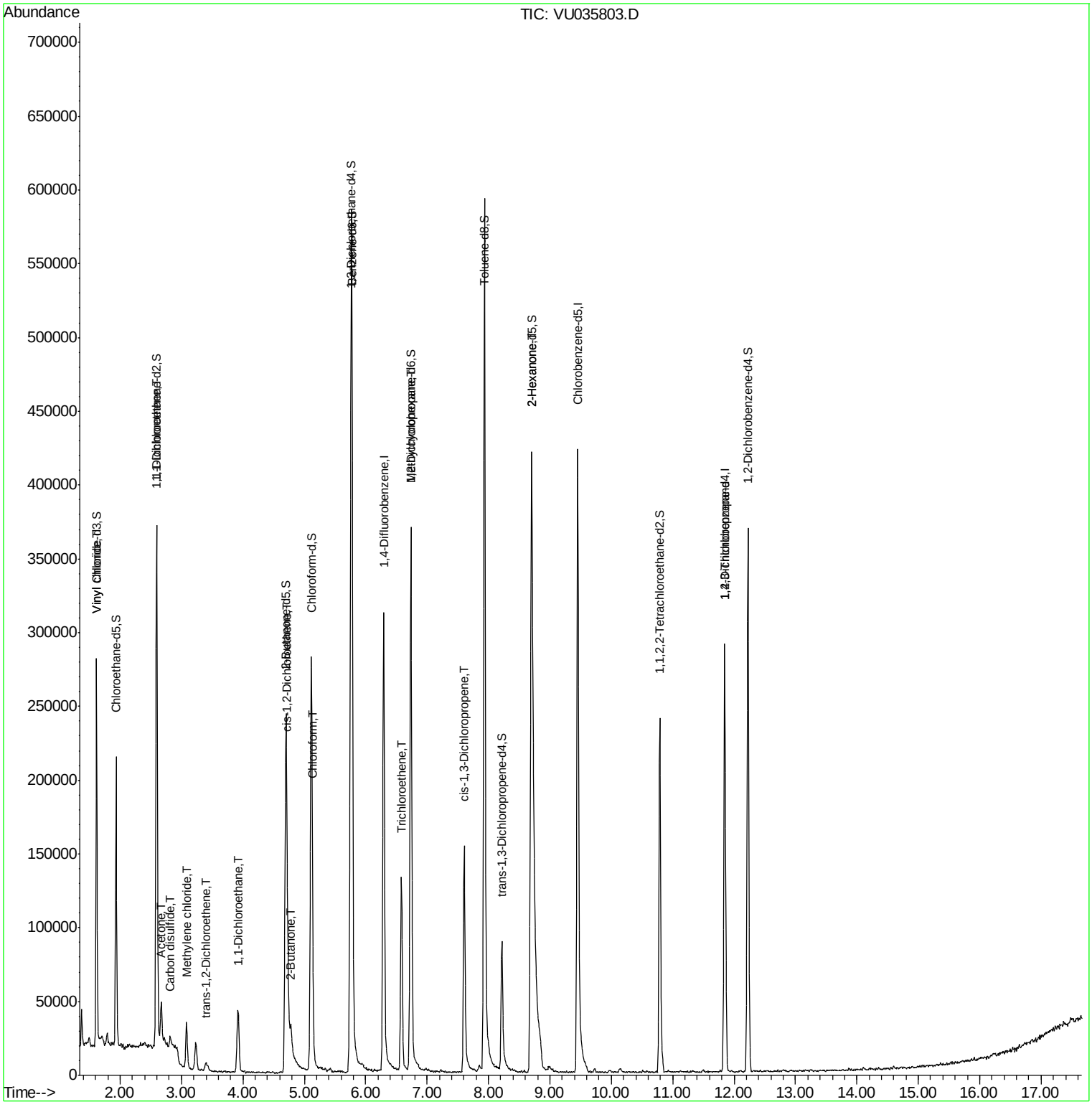
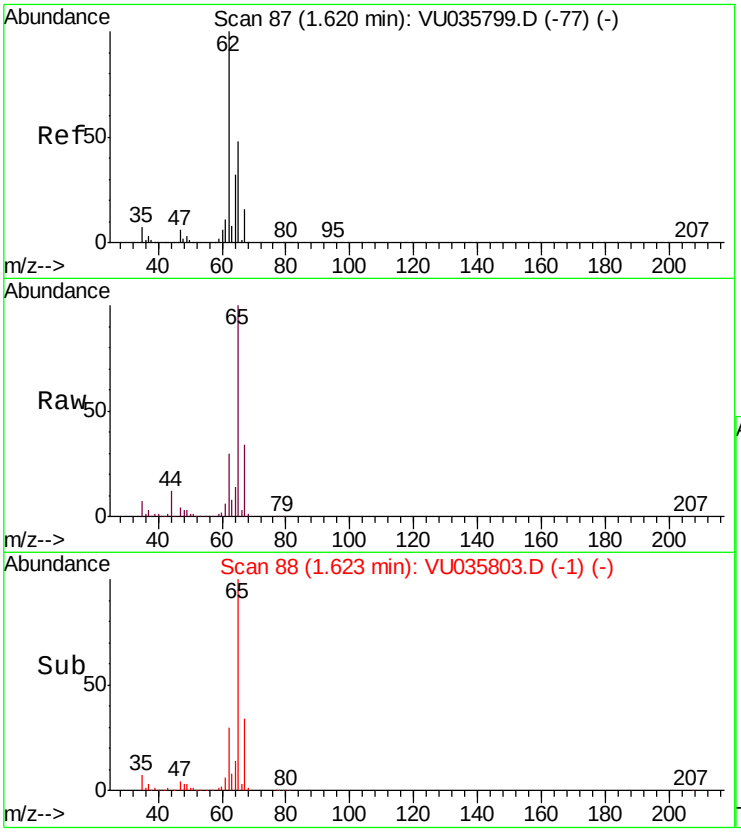
Quant Time: Nov 22 01:36:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration



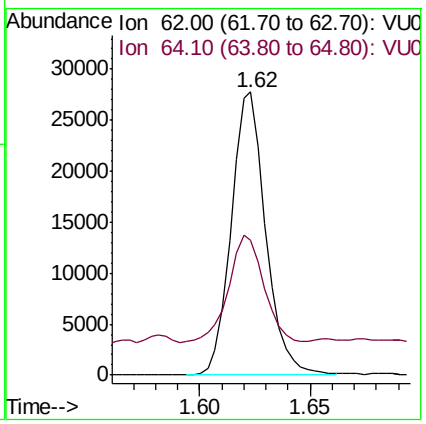


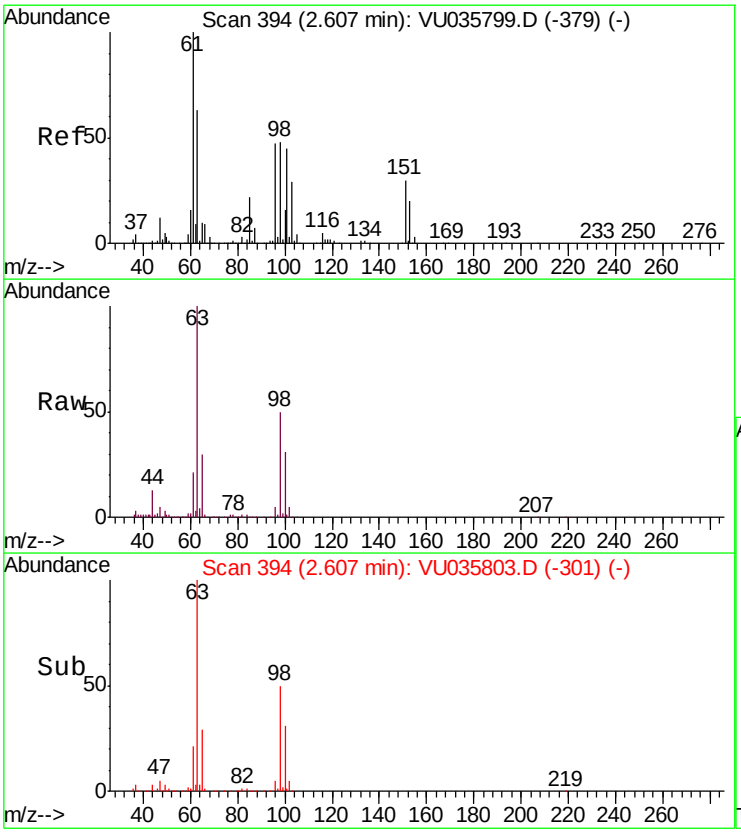
#5
Vinyl chloride
Concen: 0.744 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument : MSVOA_U
ClientSampleId : B0AA5

Tgt Ion: 62 Resp: 30157

Ion	Ratio	Lower	Upper
62	100		
64	47.6	22.5	41.9#

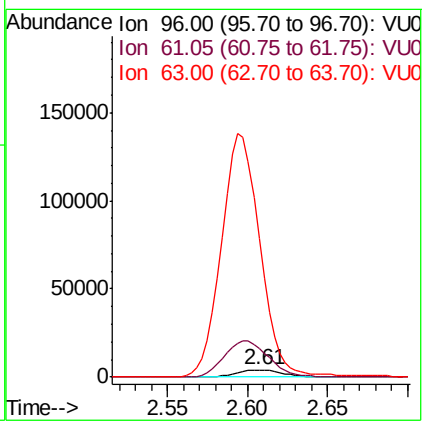


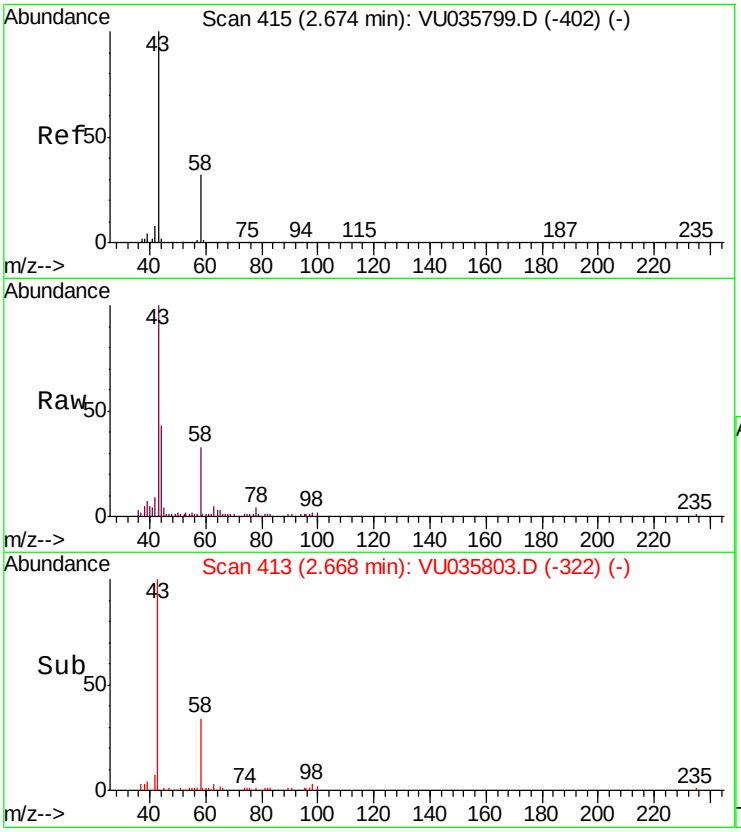


#12
1,1-Dichloroethene
Concen: 0.328 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 96 Resp: 8284

Ion	Ratio	Lower	Upper
96	100		
61	390.8	139.3	258.7#
63	1899.3	93.7	174.1#



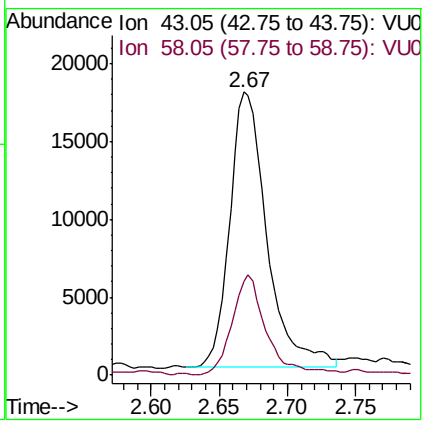


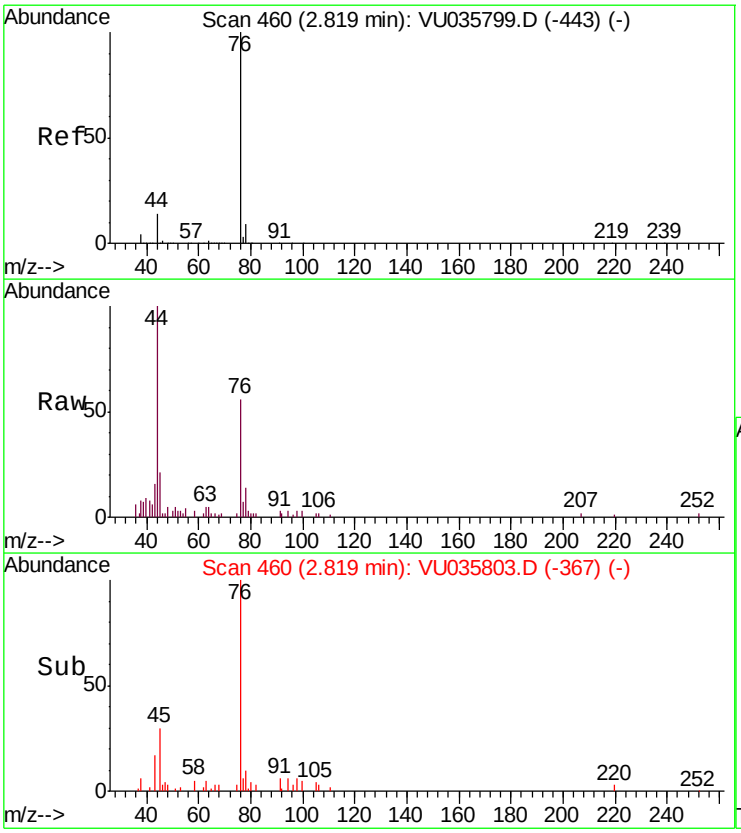
#13
Acetone
Concen: 5.233 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument : MSVOA_U
ClientSampleId : B0AA5

Tgt Ion: 43 Resp: 33712

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	61.2

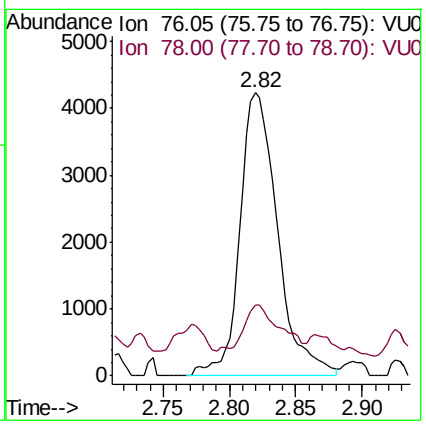


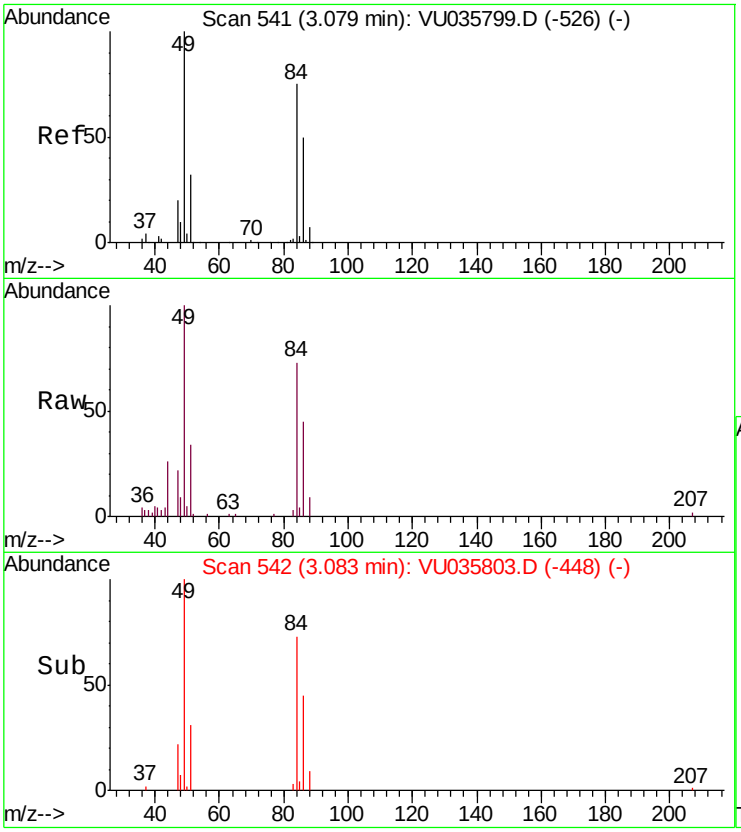


#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 76 Resp: 8387

Ion	Ratio	Lower	Upper
76	100		
78	24.9	7.3	10.9#



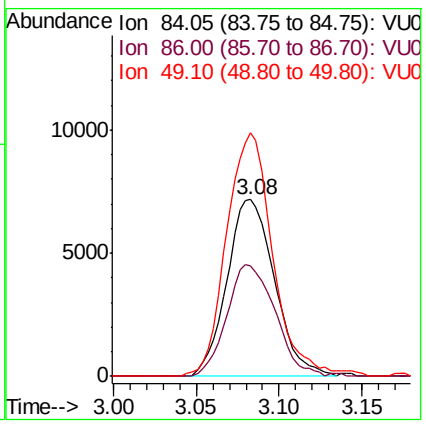


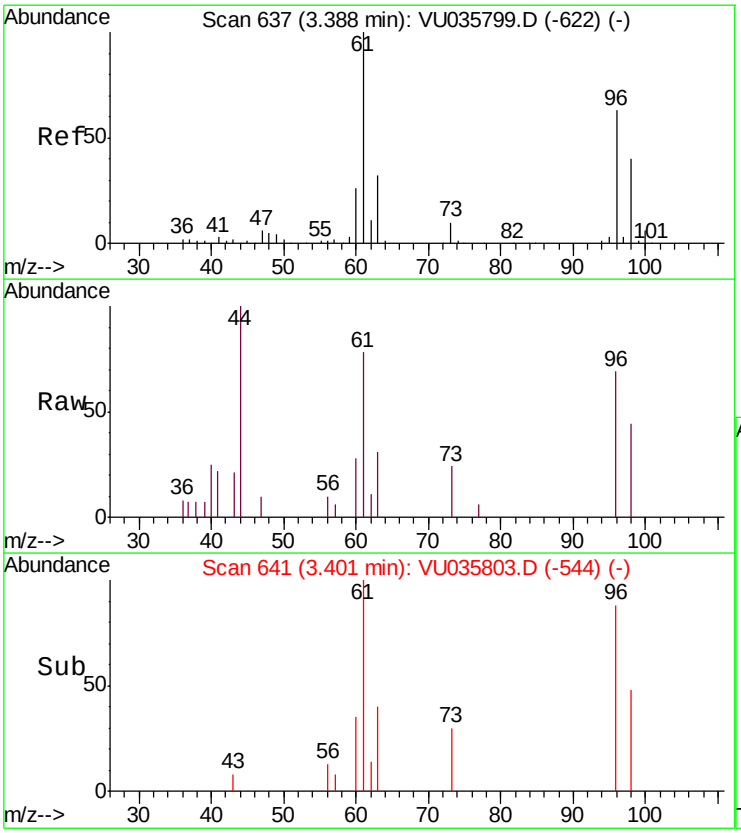
#16
Methylene chloride
Concen: 0.471 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 84 Resp: 14376

Ion	Ratio	Lower	Upper
84	100		
86	62.4	44.4	82.5
49	137.6	94.0	174.6

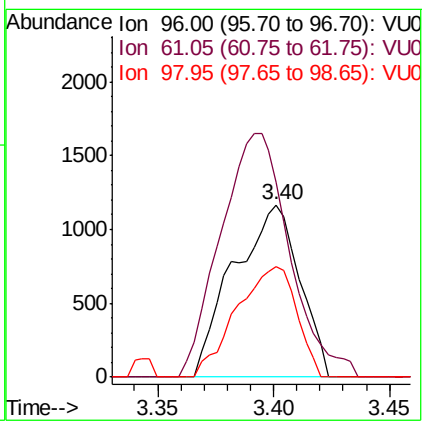


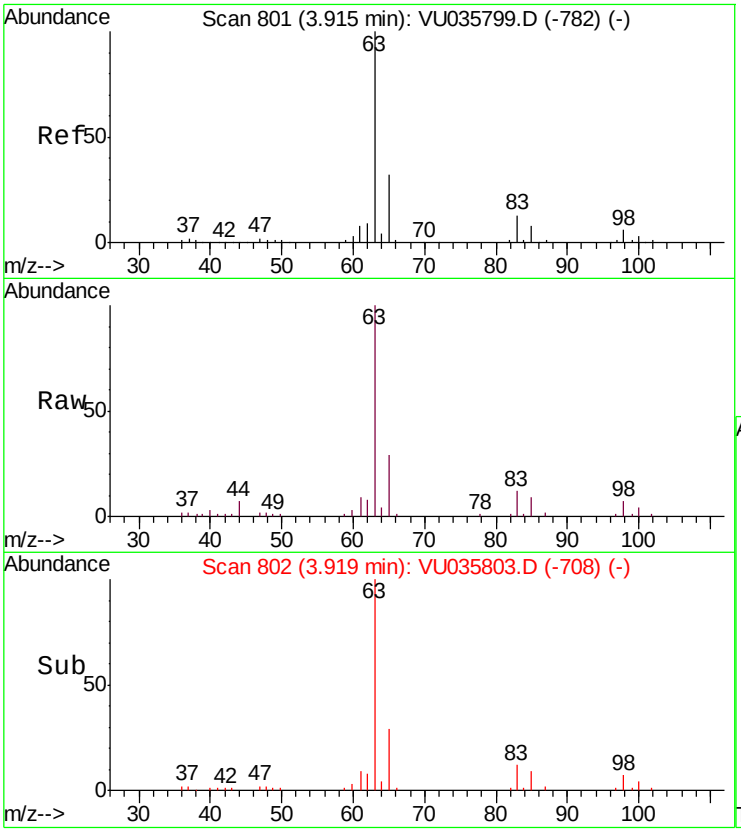


#18
trans-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.01 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 96 Resp: 2299

Ion	Ratio	Lower	Upper
96	100		
61	113.6	111.1	206.3
98	64.2	43.1	80.1



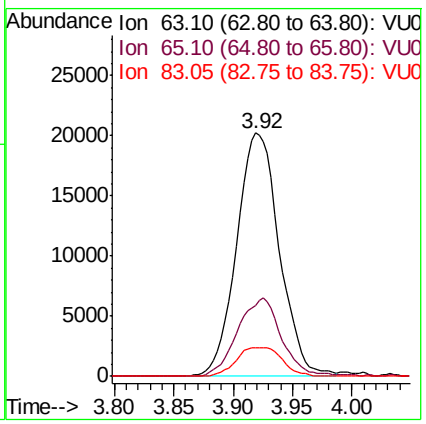


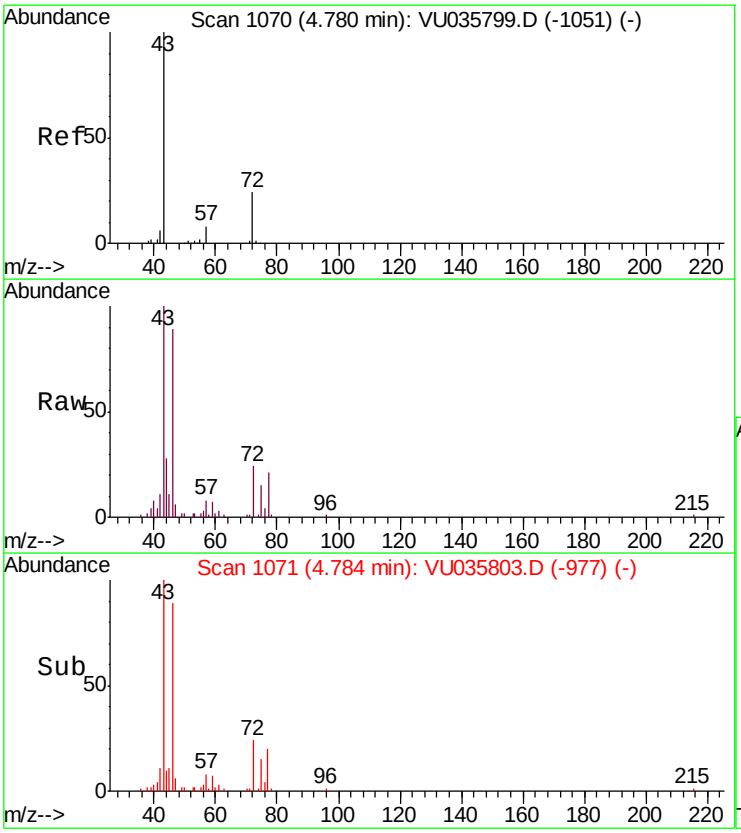
#19
1,1-Dichloroethane
Concen: 0.901 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 63 Resp: 50312

Ion	Ratio	Lower	Upper
63	100		
65	29.3	21.8	40.4
83	11.6	8.6	16.0

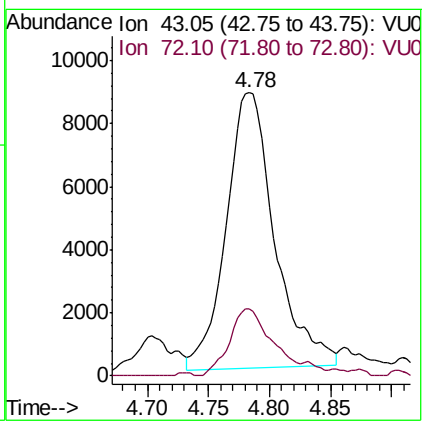


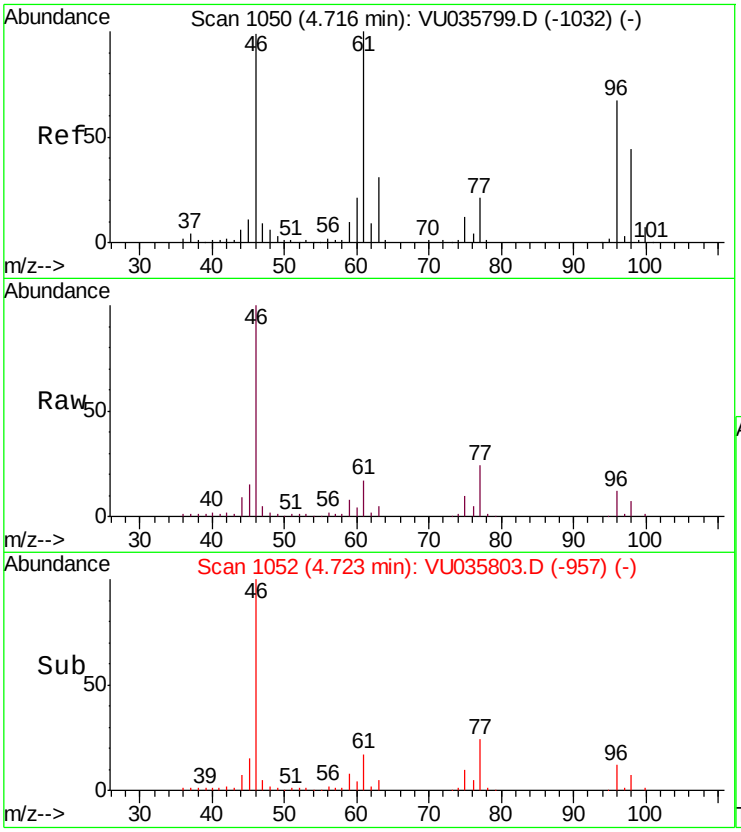


#21
2-Butanone
Concen: 2.972 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 43 Resp: 24225

Ion	Ratio	Lower	Upper
43	100		
72	21.3	12.4	37.4



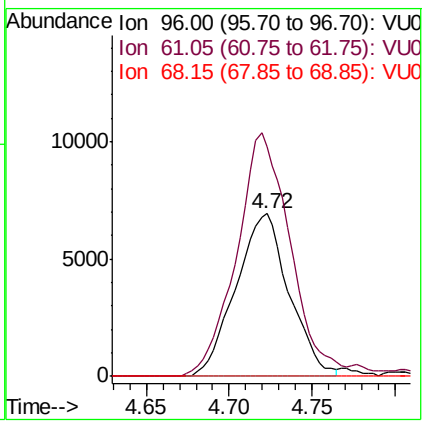


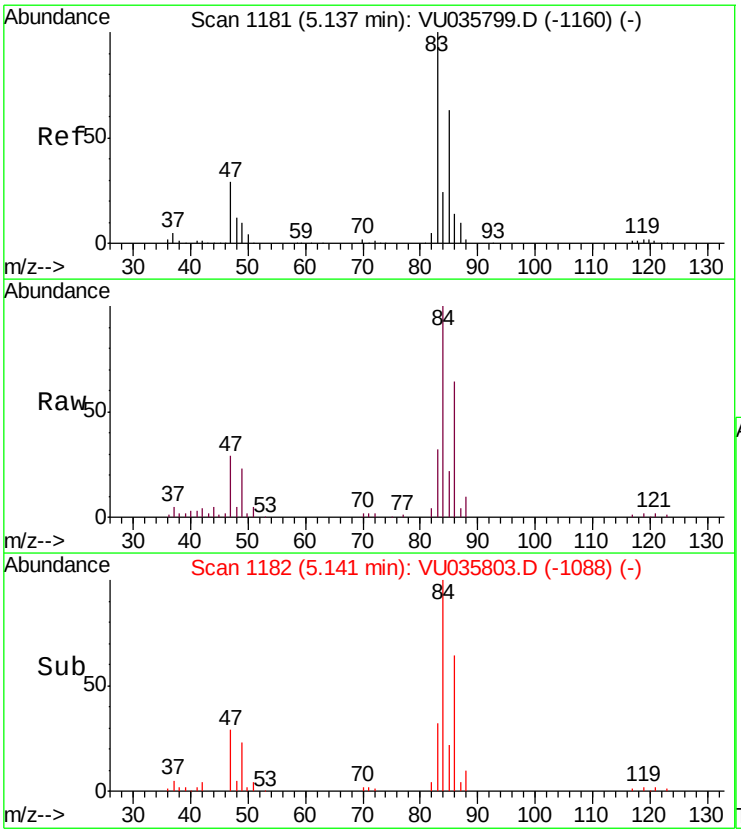
#22
cis-1,2-Dichloroethene
Concen: 0.559 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 96 Resp: 15479

Ion	Ratio	Lower	Upper
96	100		
61	140.8	98.1	182.1
68	0.0	0.0	0.0

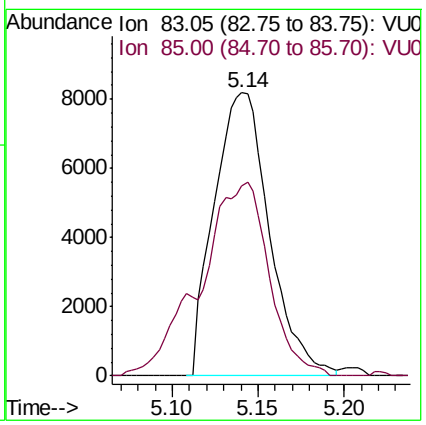


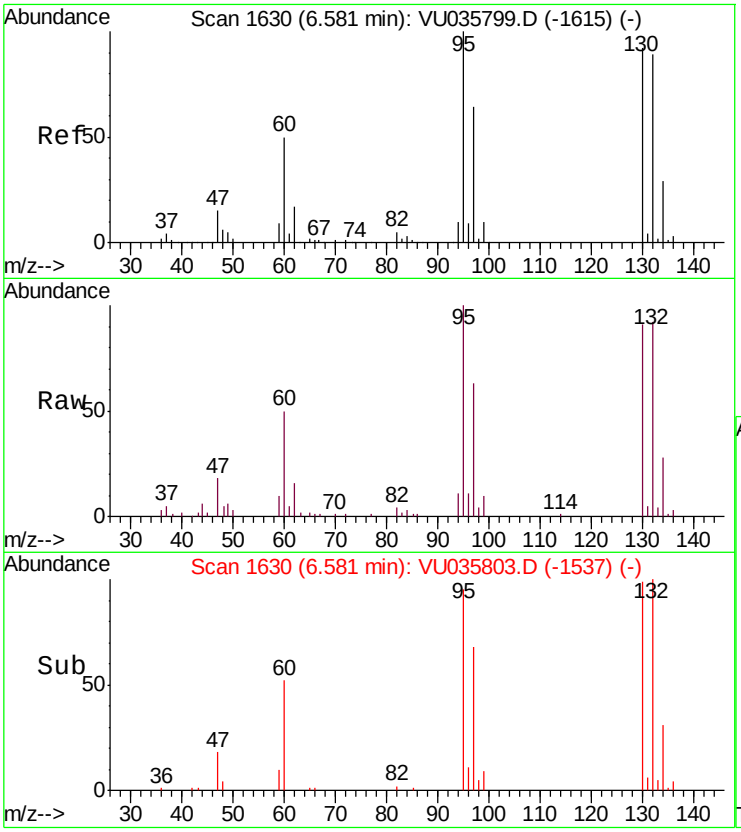


#25
Chloroform
Concen: 0.339 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 83 Resp: 18425

Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.6	82.8



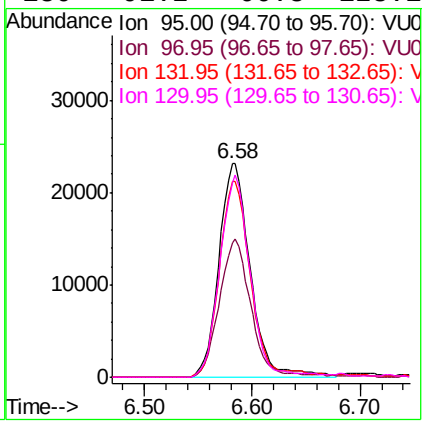


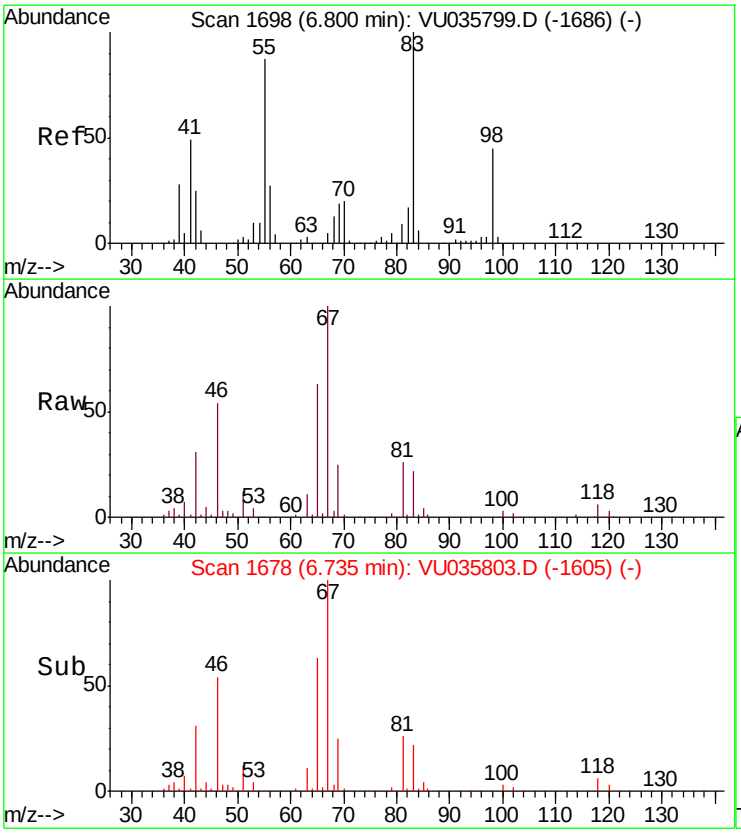
#34
Trichloroethene
Concen: 1.641 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 95 Resp: 46934

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.1	83.9
132	91.8	61.9	114.9
130	91.2	66.3	123.1

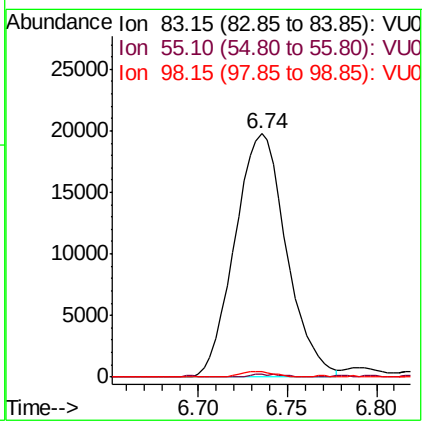


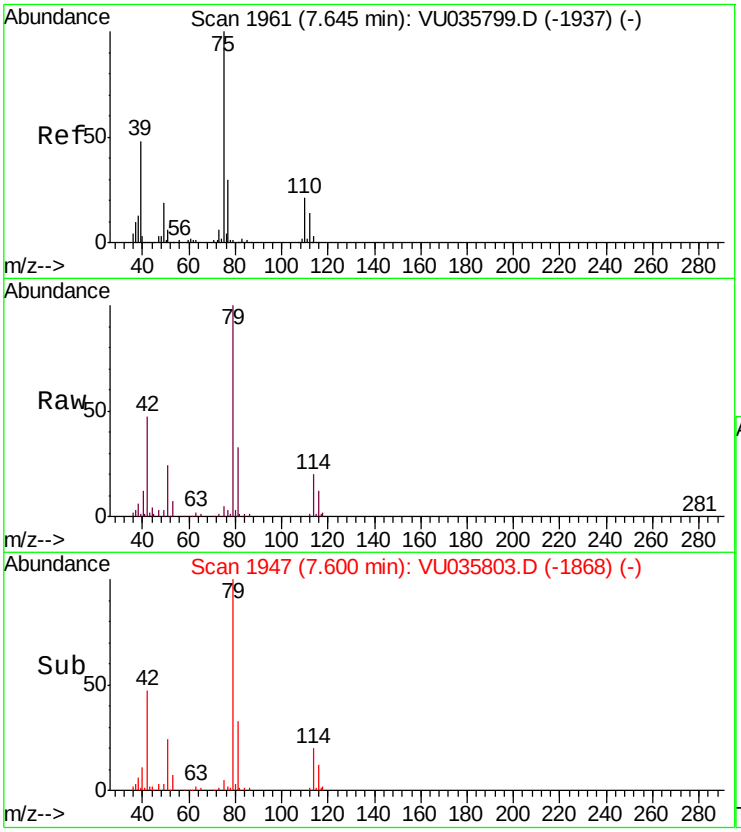


#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 83 Resp: 39830

Ion	Ratio	Lower	Upper
83	100		
55	0.7	72.7	109.1#
98	1.5	36.2	54.4#



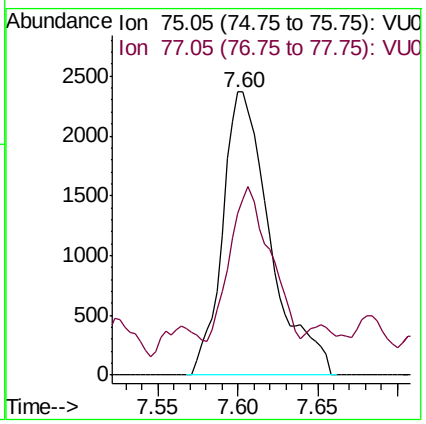


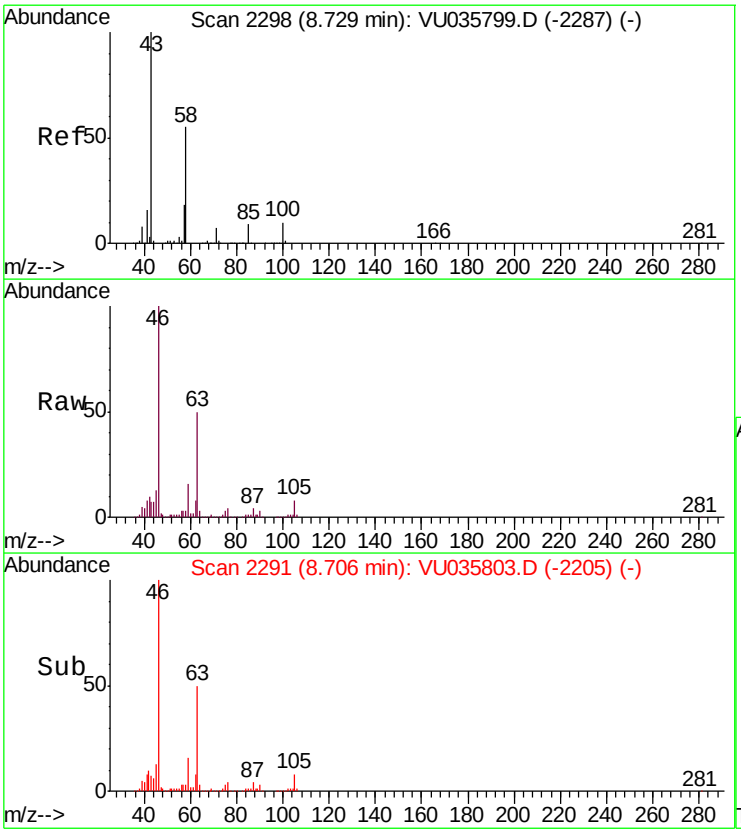
#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument : MSVOA_U
ClientSampleId : B0AA5

Tgt Ion: 75 Resp: 4826

Ion	Ratio	Lower	Upper
75	100		
77	57.2	22.1	41.1#

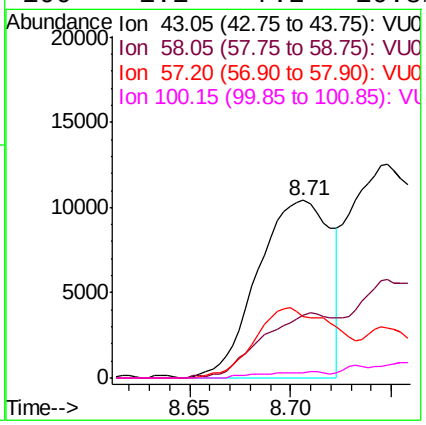


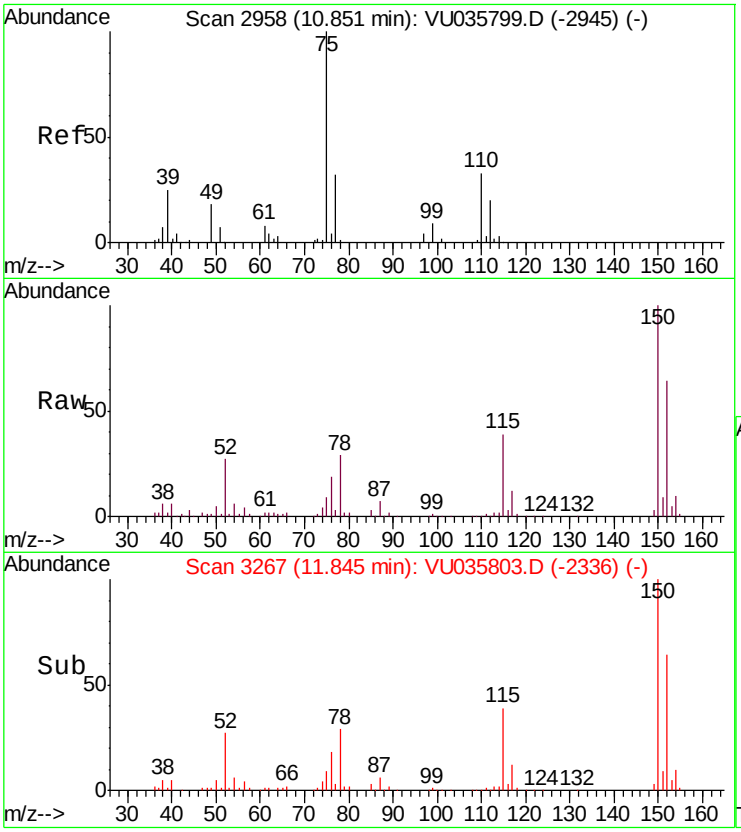


#48
2-Hexanone
Concen: 1.747 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Tgt Ion: 43 Resp: 26135

Ion	Ratio	Lower	Upper
43	100		
58	38.3	39.8	59.8#
57	0.0	14.0	21.0#
100	1.1	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 0.557 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035803.D
Acq: 21 Nov 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 75 Resp: 11984

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.4	38.2