Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\

Quantitation Report (Not Reviewed)

Data File : VU035331.D
Acq On : 21 Oct 2019 19:41
Operator : JC/SP
Sample : K5421-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA2

Quant Time: Oct 22 06:43:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	312193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116121	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	85323	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.94	69	84879	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.59	63	121399	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.70	46	262179	47.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.86%			
24) Chloroform-d	5.11	84	175916	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.75	65	95280	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.77	84	343136	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.74	67	114100	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.93	98	303981	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	8.22	79	43629	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.69	63	215291	45.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.86%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94486	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	101897	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	1206	0.060	ug/L #	1
13) Acetone	2.67	43	9051	2.379	ug/L	95
16) Methylene chloride	3.08	84	1686	0.070	ug/L	95
19) 1,1-Dichloroethane	3.92	63	4255	0.109	ug/L	96
27) 1,2-Dichloroethane	5.85	62	5713	0.217	ug/L	99
34) Trichloroethene	6.29	95	5150	0.214	ug/L #	3
35) Methylcyclohexane	6.74	83	26607	0.660	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12227	0.537	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3019	0.079	ug/L #	48
48) 2-Hexanone	8.69	43	21523	1.996	ug/L #	60
59) 1,2,3-Trichloropropane	11.84	75	14614	0.921	ug/L	93

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

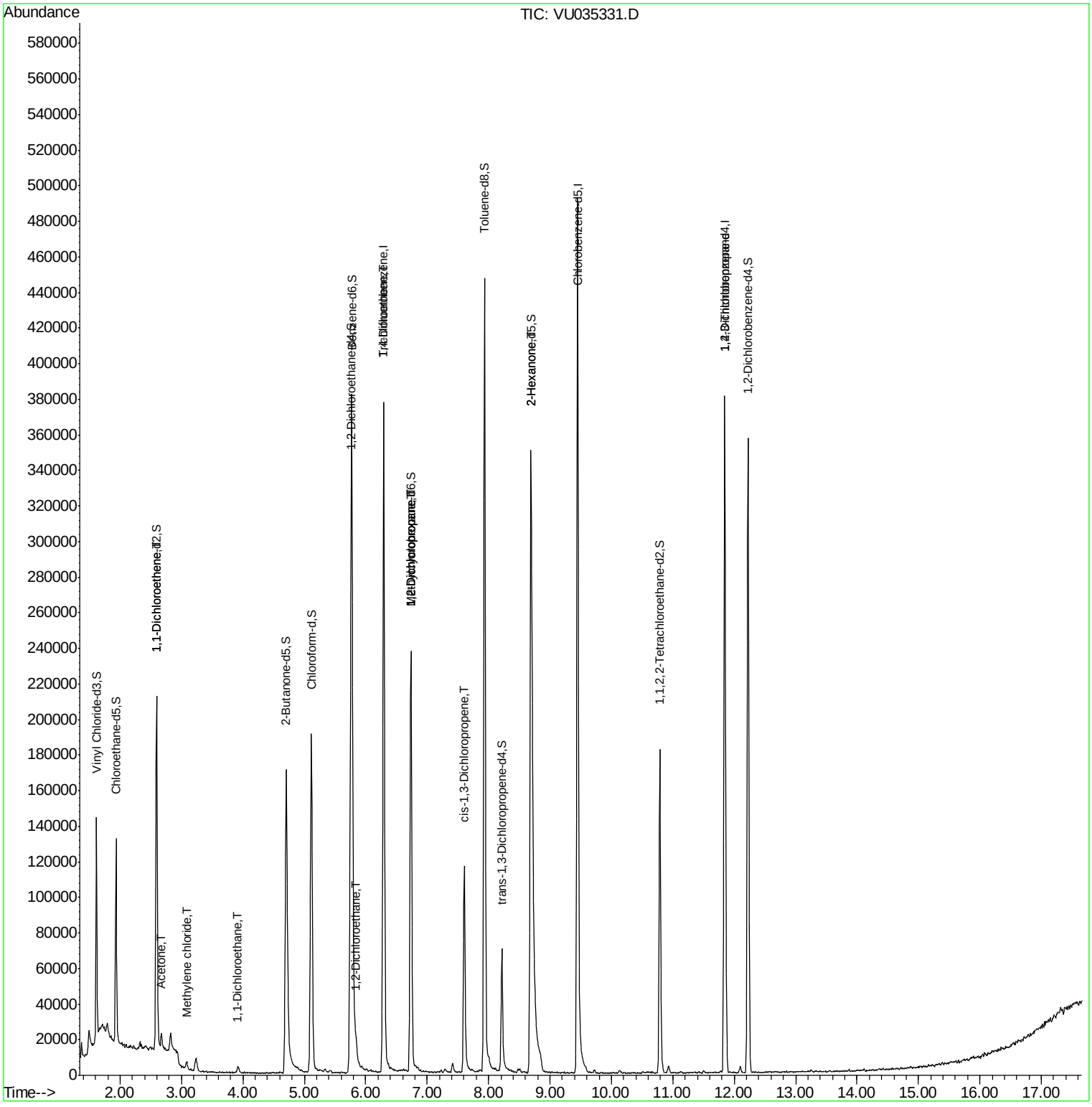
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\

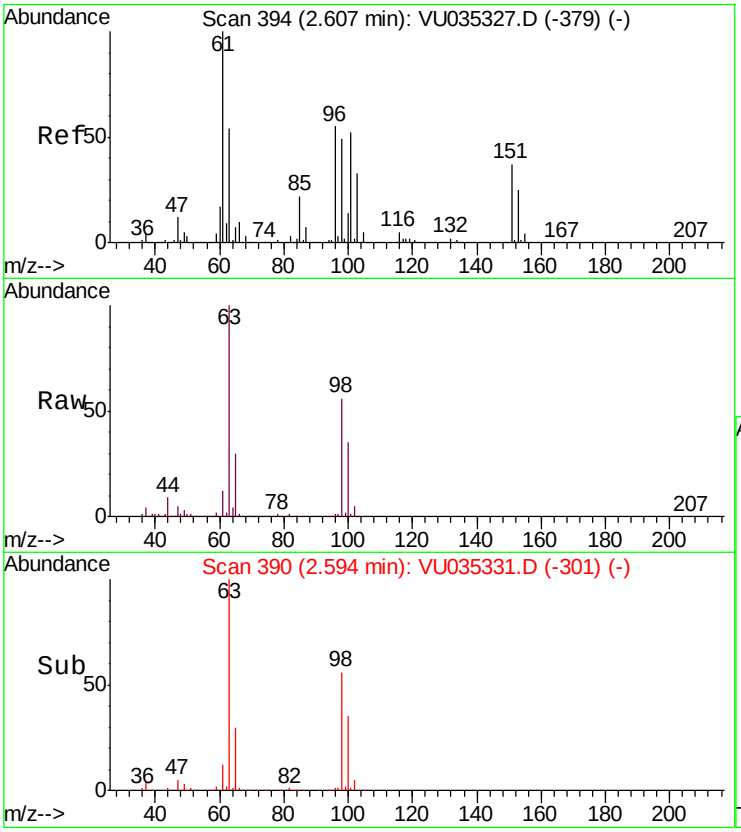
Quantitation Report (Not Reviewed)

Data File : VU035331.D
Acq On : 21 Oct 2019 19:41
Operator : JC/SP
Sample : K5421-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA2

Quant Time: Oct 22 06:43:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration



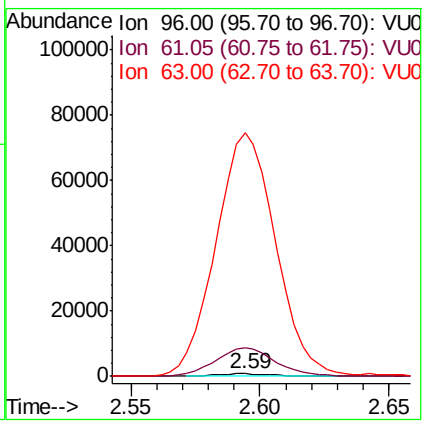


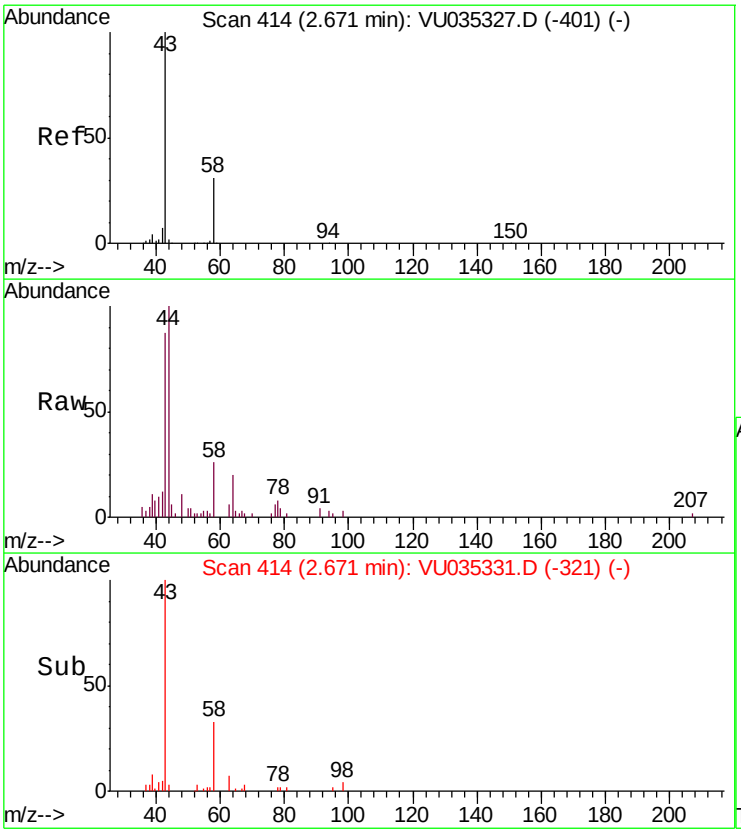
#12
1,1-Dichloroethene
Concen: 0.060 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument : MSVOA_U
ClientSampleId : C0AA2

Tgt Ion: 96 Resp: 1206

Ion	Ratio	Lower	Upper
96	100		
61	1132.3	120.6	224.0#
63	9616.5	86.8	161.2#

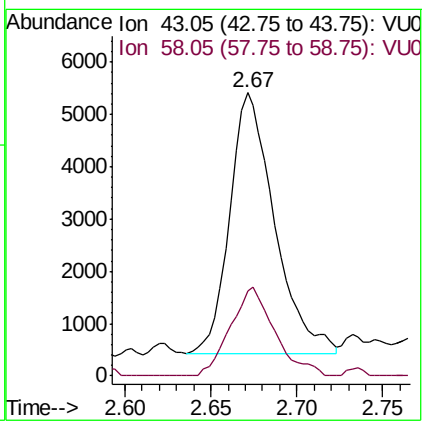


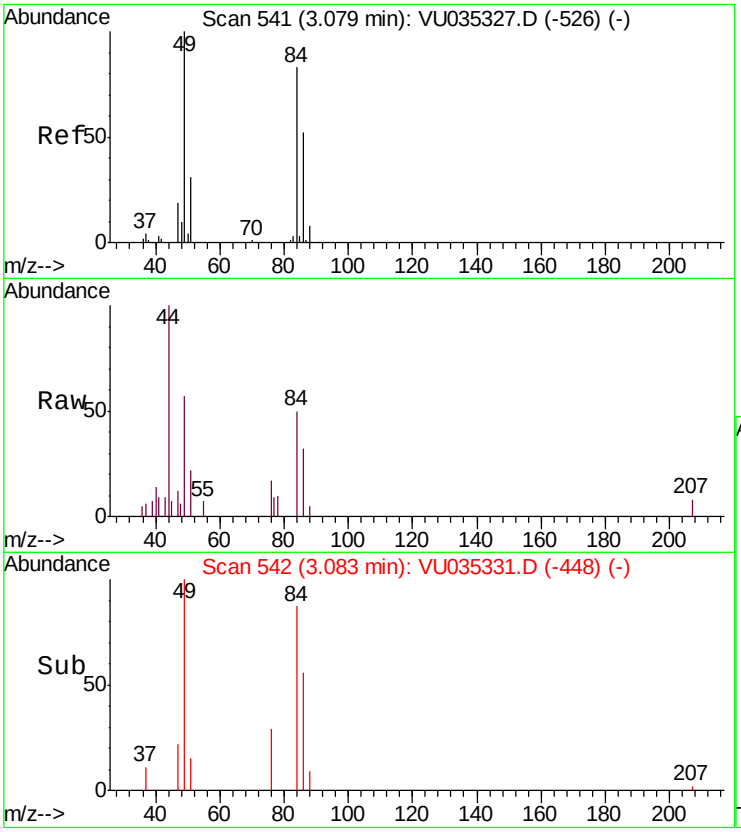


#13
Acetone
Concen: 2.379 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Tgt Ion: 43 Resp: 9051

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	61.8



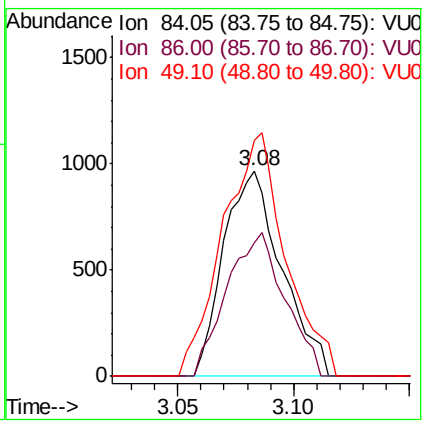


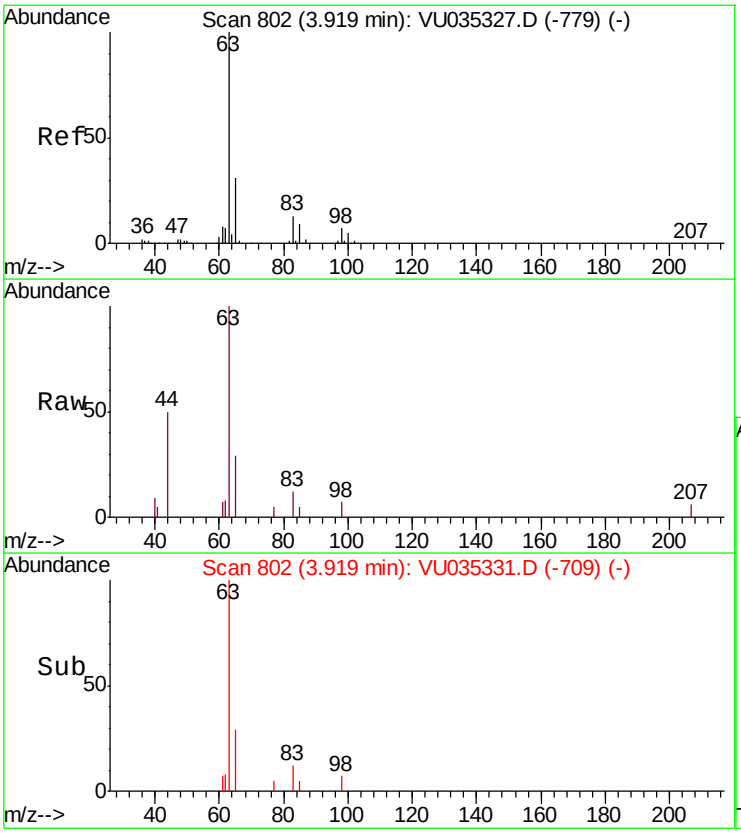
#16
Methylene chloride
Concen: 0.070 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 84 Resp: 1686

Ion	Ratio	Lower	Upper
84	100		
86	64.8	45.4	84.2
49	114.9	86.8	161.2

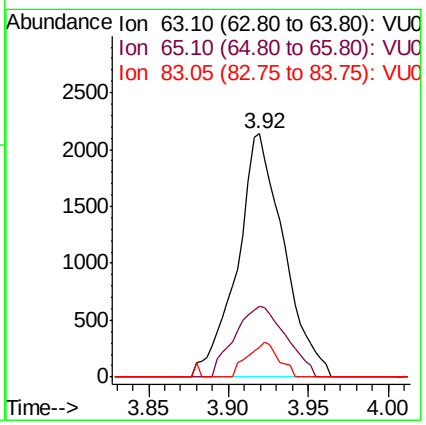


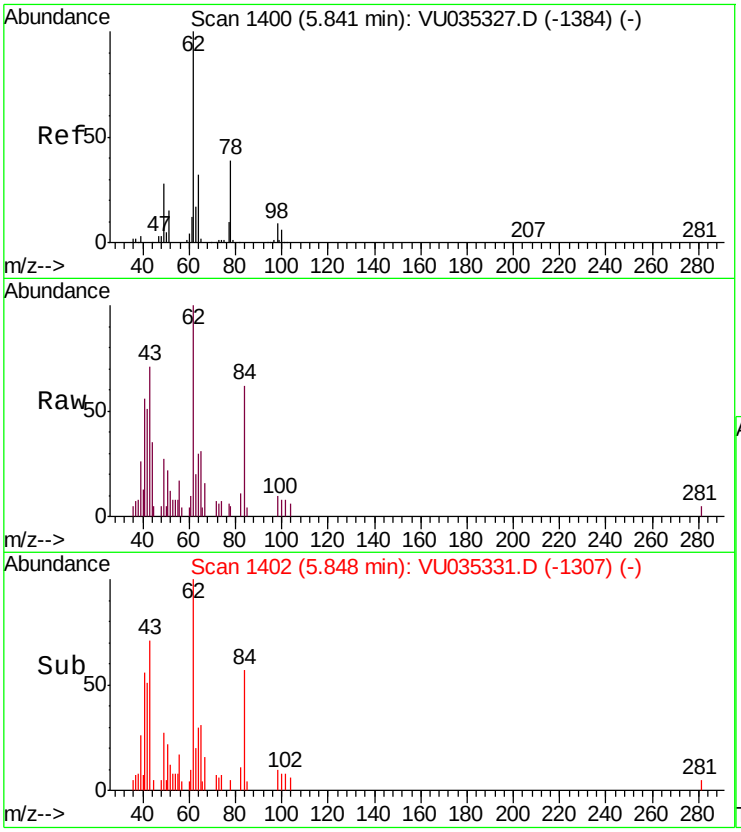


#19
1,1-Dichloroethane
Concen: 0.109 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Tgt Ion: 63 Resp: 4255

Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.4	41.6
83	12.5	9.3	17.3



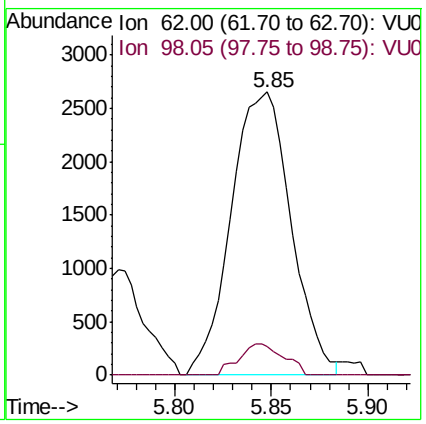


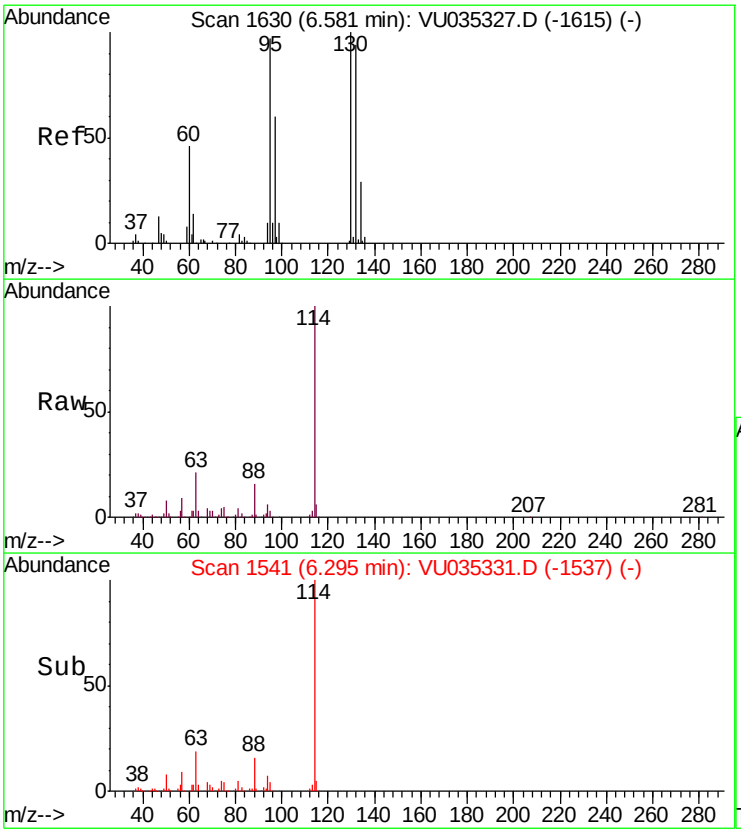
#27
1,2-Dichloroethane
Concen: 0.217 ug/L
RT: 5.85 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 62 Resp: 5713

Ion	Ratio	Lower	Upper
62	100		
98	10.0	7.8	11.6

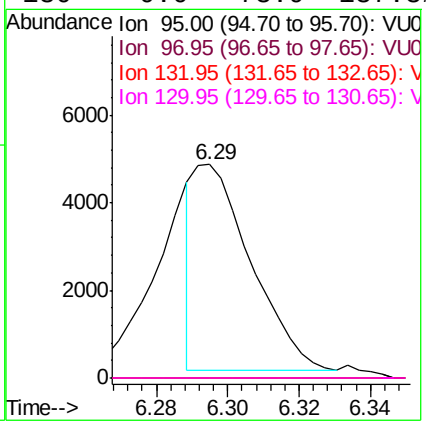


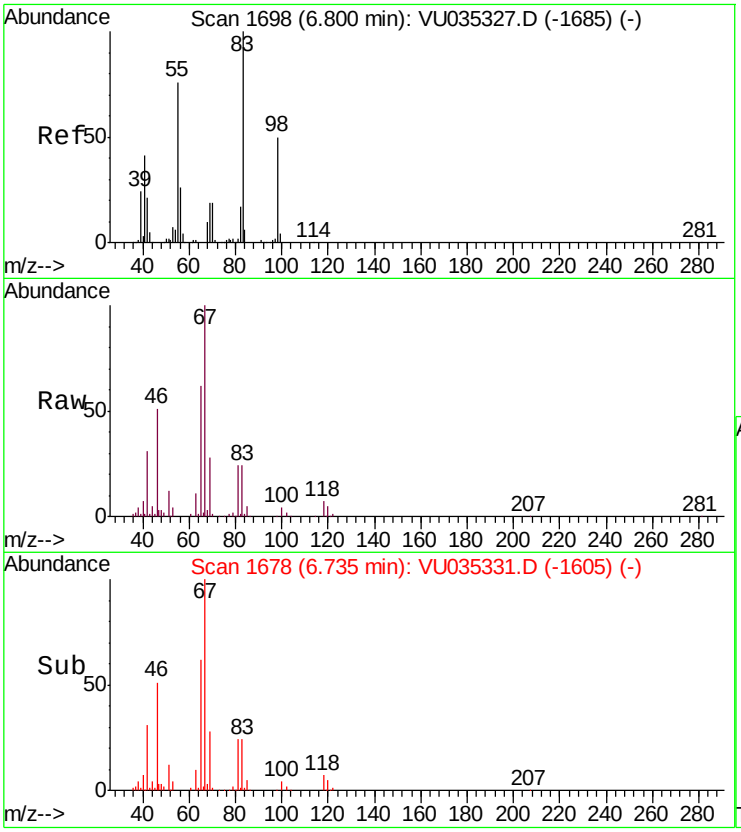


#34
Trichloroethene
Concen: 0.214 ug/L
RT: 6.29 min Scan# 1541
Delta R.T. -0.29 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Tgt Ion: 95 Resp: 5150

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.6	86.6#
132	0.0	68.7	127.7#
130	0.0	73.9	137.3#



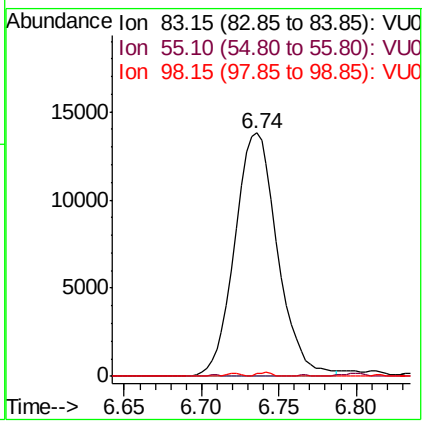


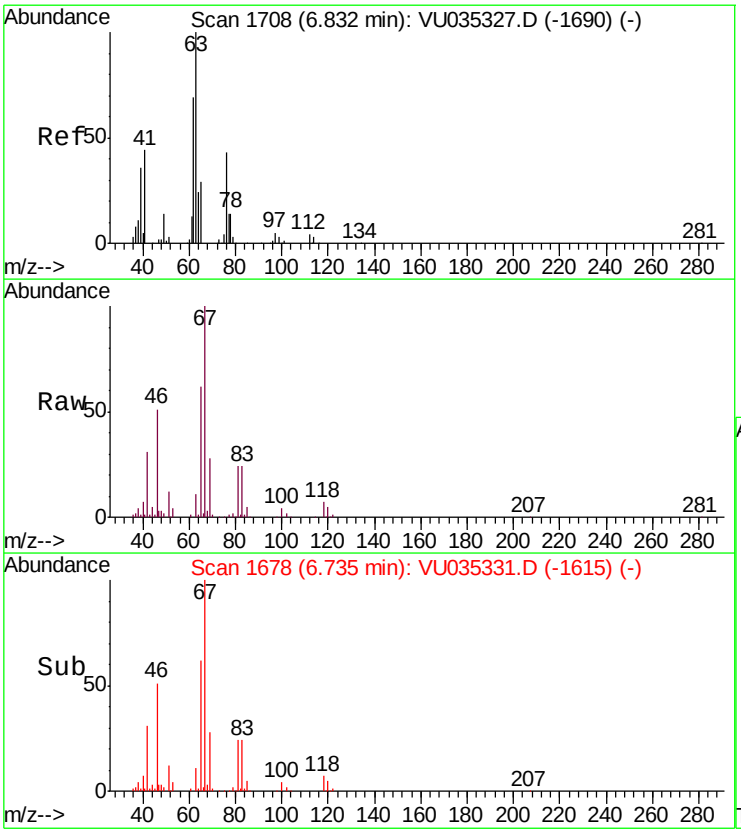
#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 83 Resp: 26607

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.5	39.5	59.3#

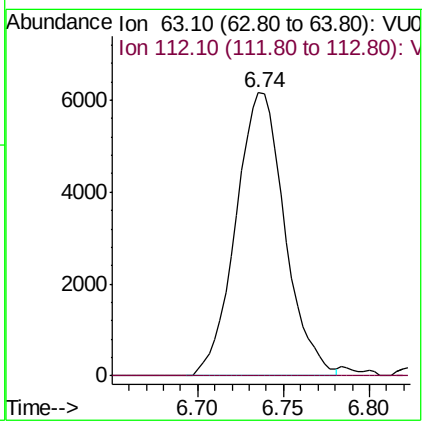


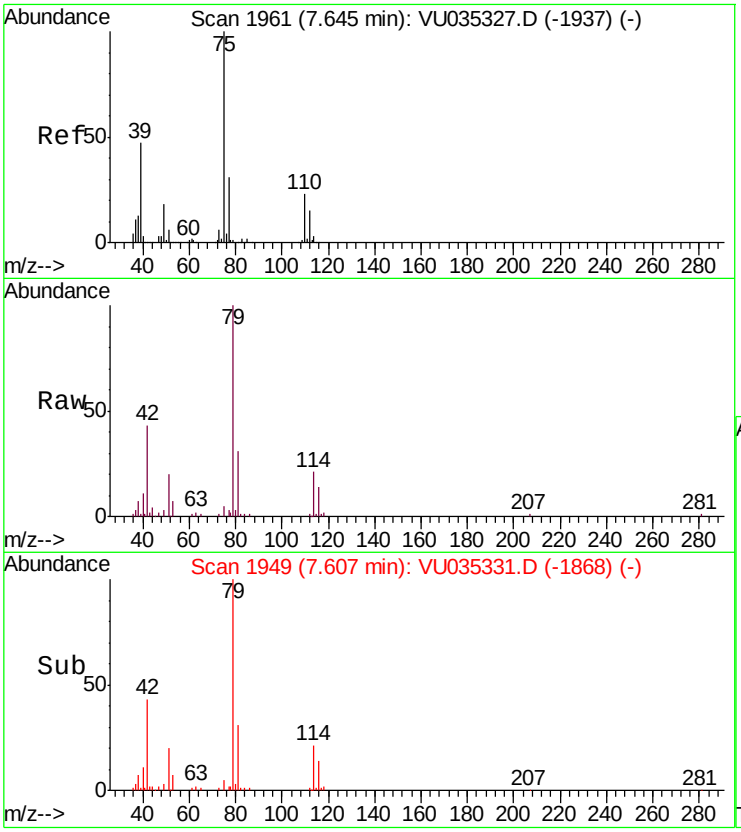


#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Tgt Ion: 63 Resp: 12227

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



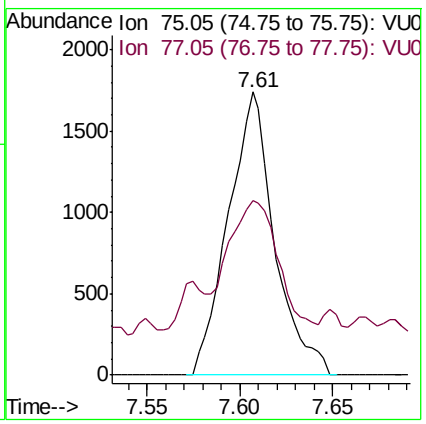


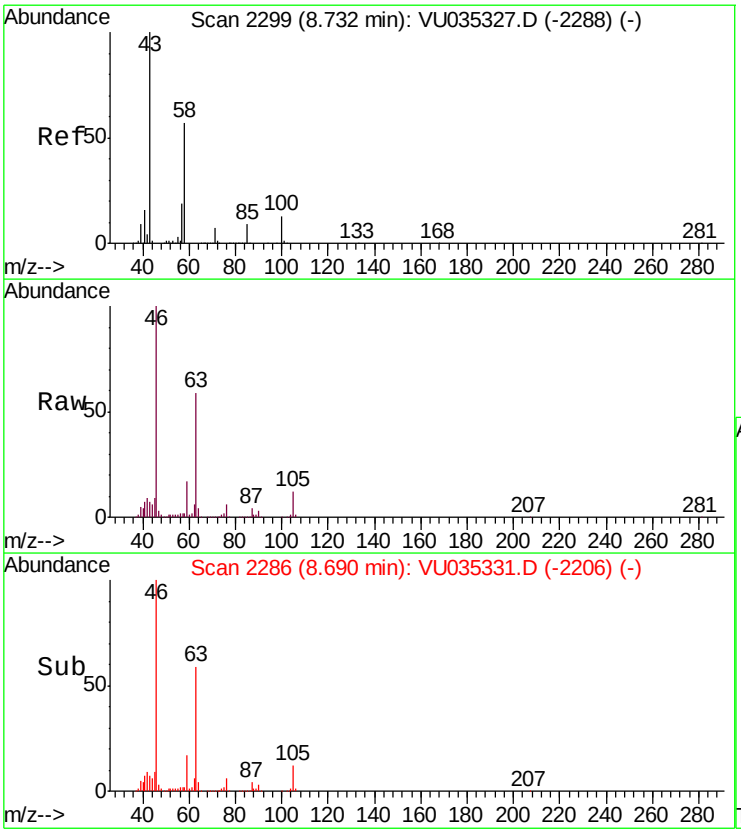
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 75 Resp: 3019

Ion	Ratio	Lower	Upper
75	100		
77	61.6	22.7	42.1#

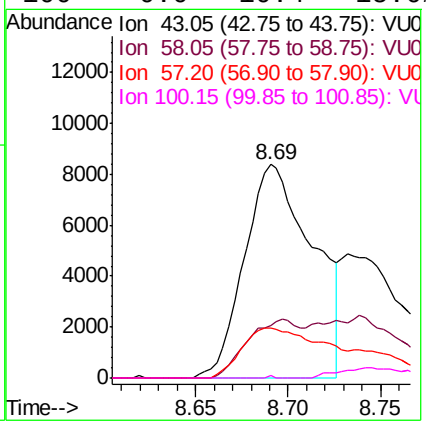


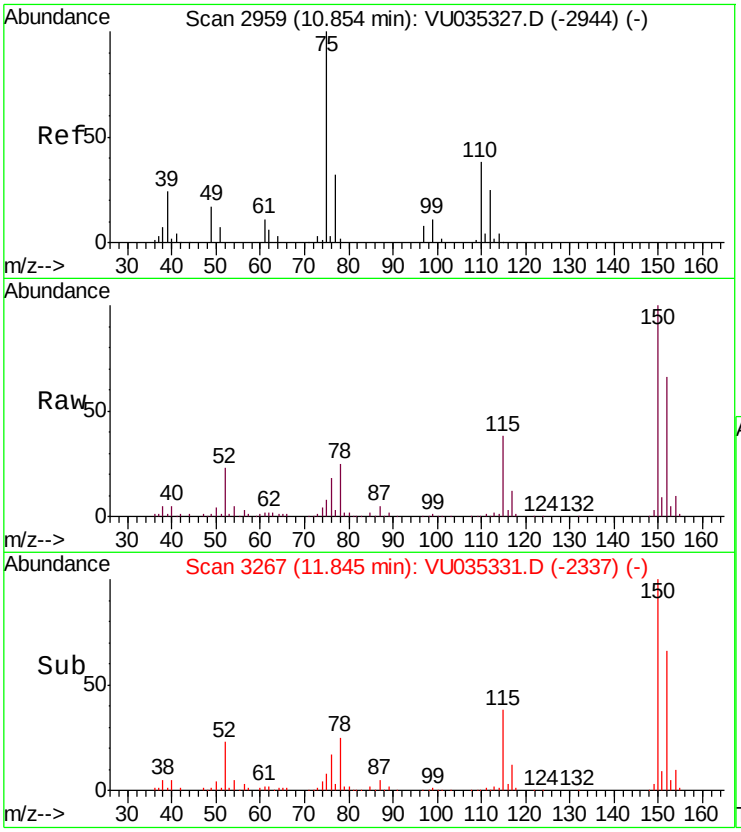


#48
2-Hexanone
Concen: 1.996 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Tgt Ion: 43 Resp: 21523

Ion	Ratio	Lower	Upper
43	100		
58	20.4	45.1	67.7#
57	27.9	16.0	24.0#
100	0.0	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035331.D
Acq: 21 Oct 2019 19:41

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 75 Resp: 14614

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.2	39.2