Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035403.D
Acq On : 23 Oct 2019 12:09
Operator : JC/SP
Sample : K5461-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 17:19:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 17:16:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76372	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	62220	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.93	69	65603	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.59	63	88085	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.70	46	239607	58.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.64%			
24) Chloroform-d	5.11	84	130442	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.75	65	79848	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.77	84	262226	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.74	67	93617	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.93	98	222201	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	8.22	79	33980	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.69	63	162561	44.60	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.20%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82057	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.20%			
64) 1,2-Dichlorobenzene-d4	12.23	152	70706	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	9414	0.467	ug/L #	42
12) 1,1-Dichloroethene	2.59	96	1131	0.076	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	4728	0.293	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	173370	9.732	ug/L	96
25) Chloroform	5.14	83	12398	0.388	ug/L	99
33) Benzene	5.82	78	5764	0.084	ug/L	100
34) Trichloroethene	6.58	95	10253	0.553	ug/L	89
35) Methylcyclohexane	6.74	83	21514	0.694	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	9968	0.569	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2138	0.073	ug/L #	36
48) 2-Hexanone	8.74	43	8887	1.072	ug/L #	79
59) 1,2,3-Trichloropropane	11.84	75	10243	0.839	ug/L	99

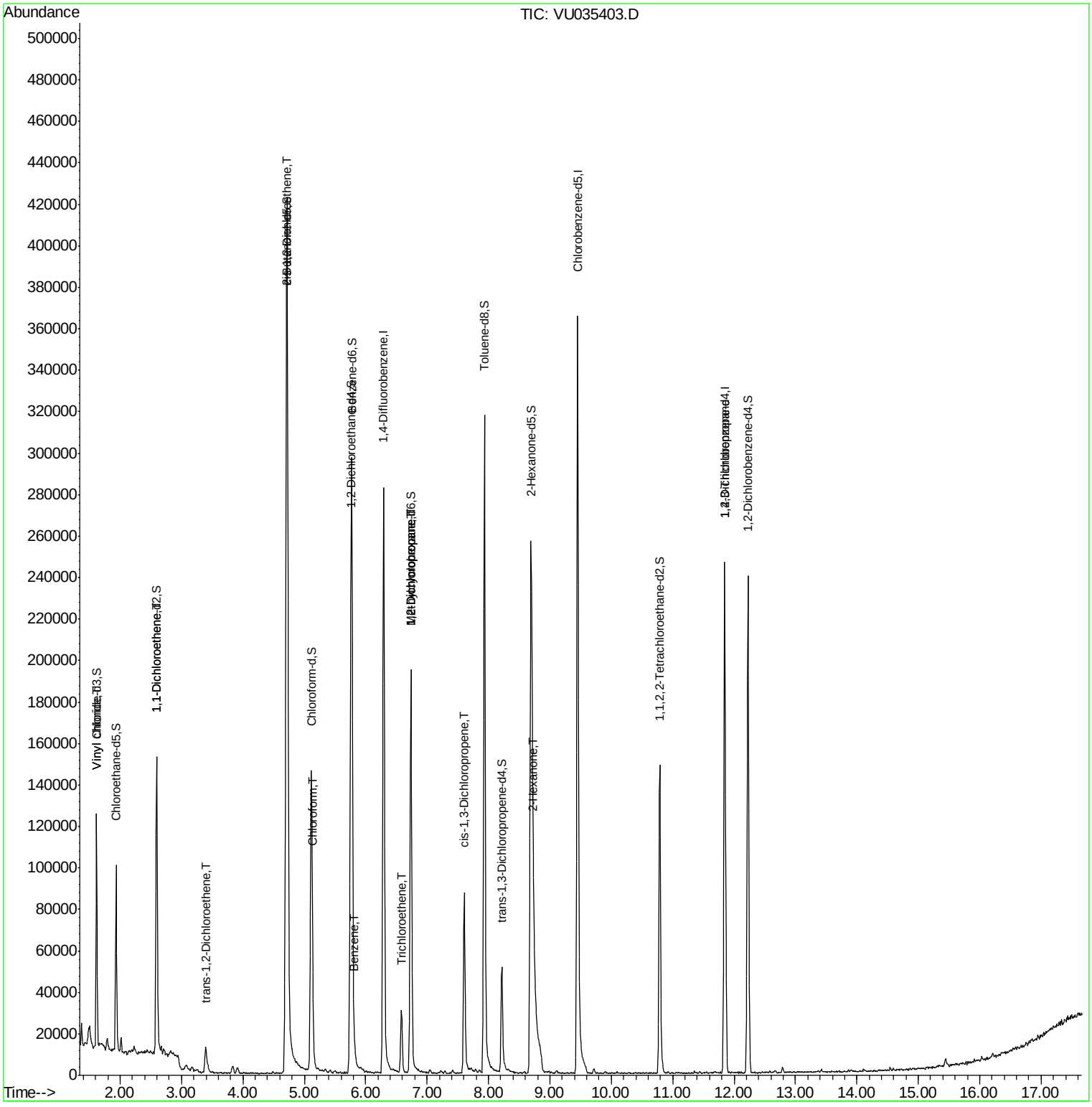
(#) = qualifier out of range (m) = manual integration (+) = signals summed

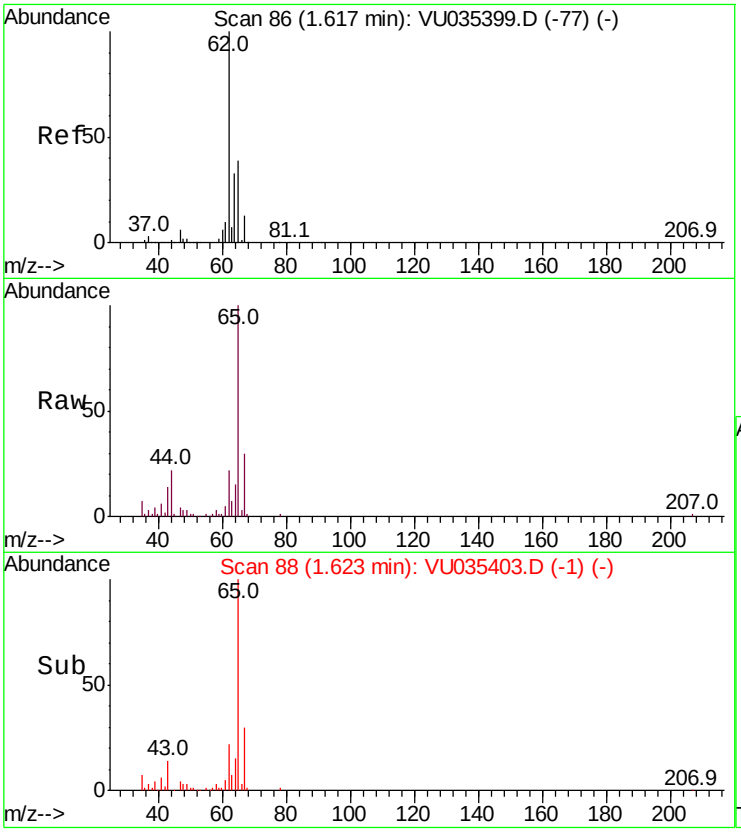
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
Data File : VU035403.D
Acq On : 23 Oct 2019 12:09
Operator : JC/SP
Sample : K5461-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 17:19:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 17:16:19 2019
Response via : Initial Calibration



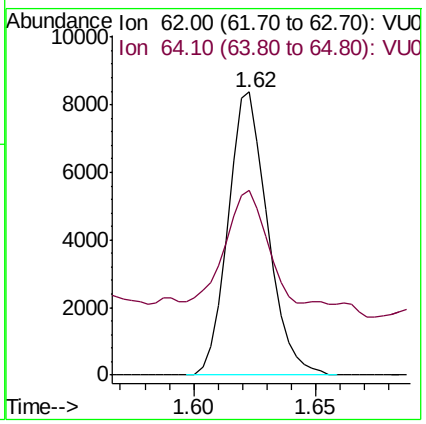


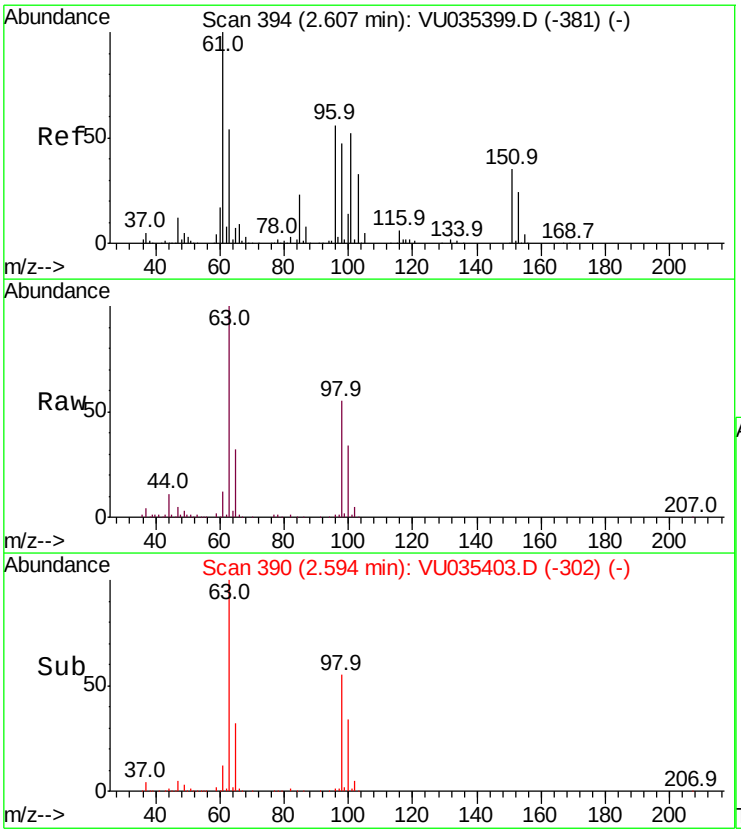
#5
Vinyl chloride
Concen: 0.467 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 9414

Ion	Ratio	Lower	Upper
62	100		
64	65.4	22.9	42.5#

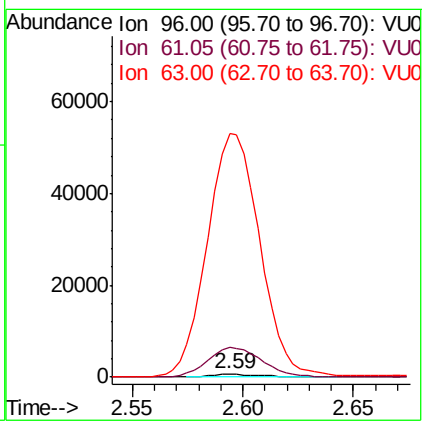


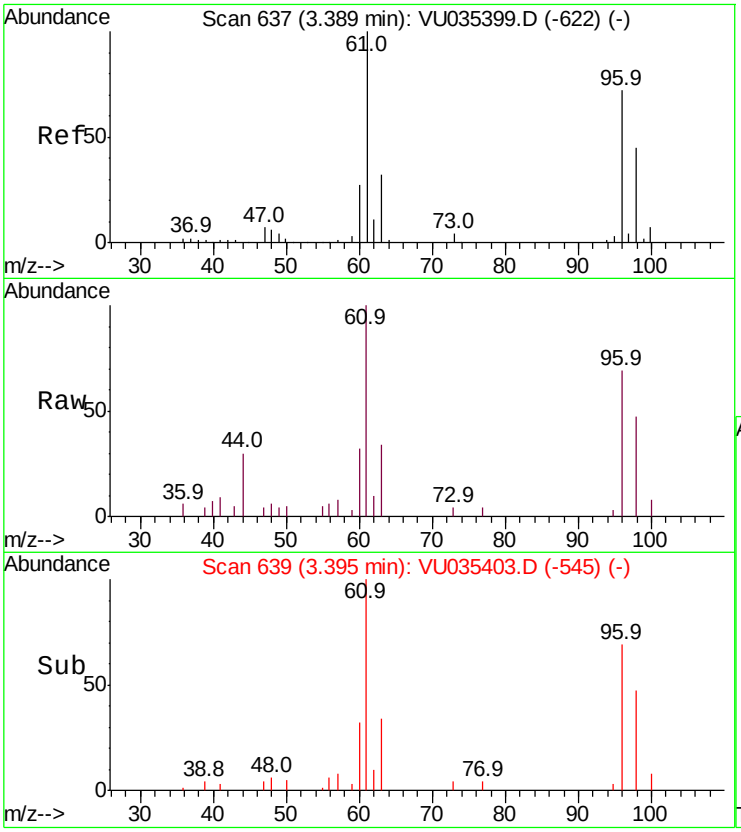


#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.02 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 96 Resp: 1131

Ion	Ratio	Lower	Upper
96	100		
61	949.2	120.6	224.0#
63	7810.3	86.8	161.2#



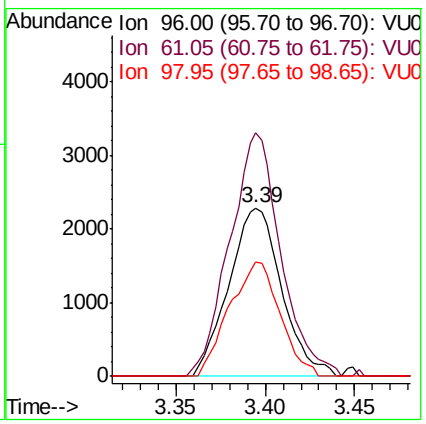


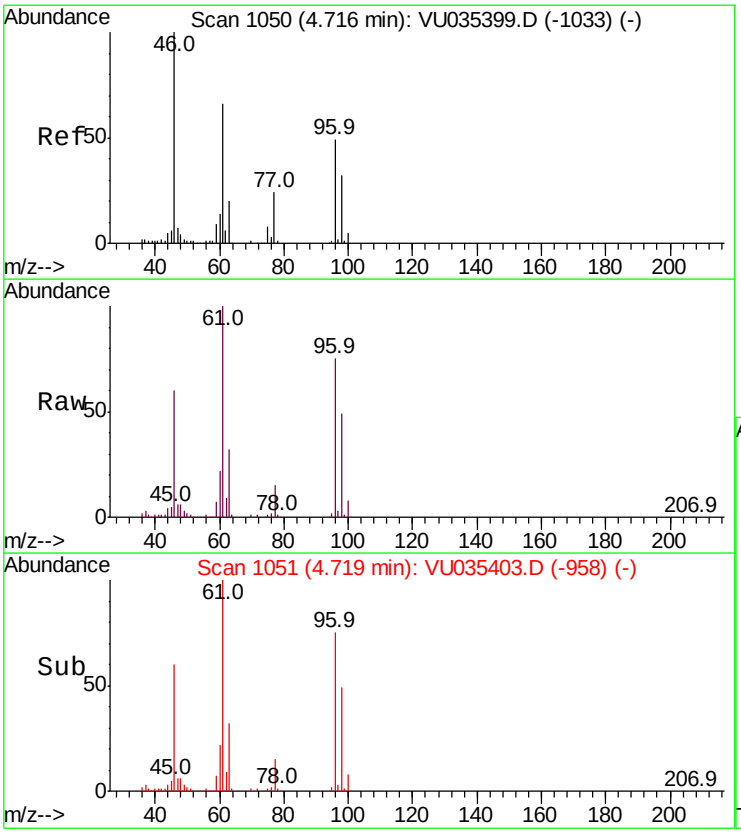
#18
trans-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 4728

Ion	Ratio	Lower	Upper
96	100		
61	144.8	93.0	172.6
98	67.6	43.7	81.1

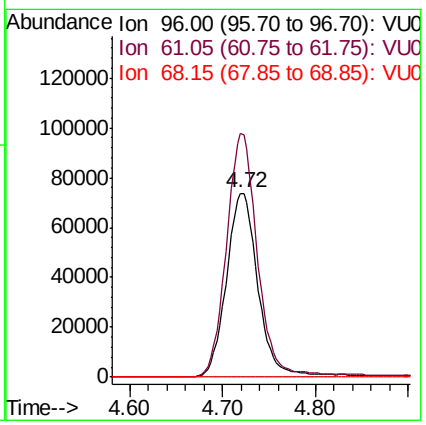


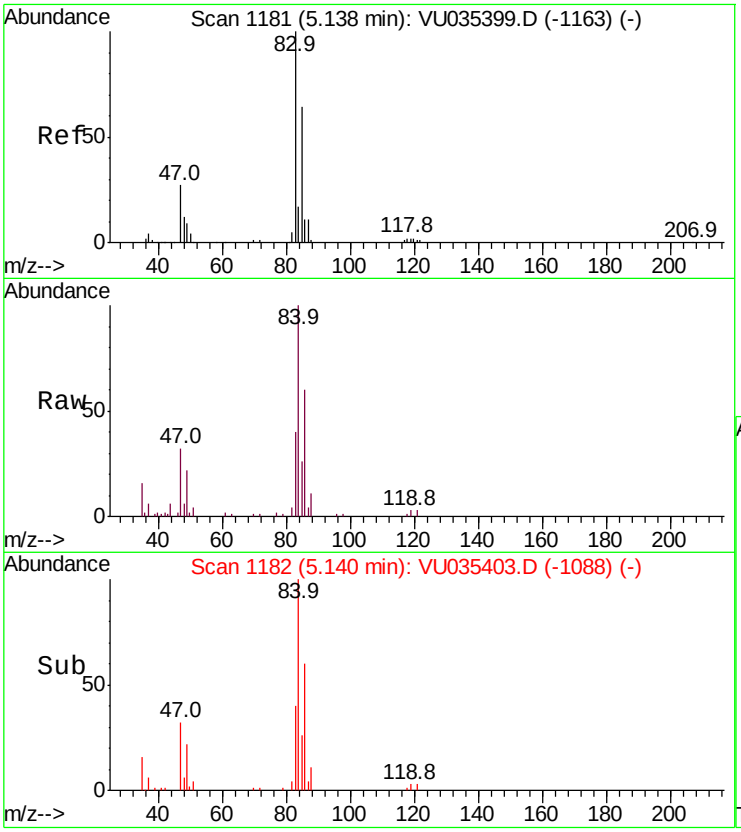


#22
cis-1,2-Dichloroethene
Concen: 9.732 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 96 Resp: 173370

Ion	Ratio	Lower	Upper
96	100		
61	132.5	89.7	166.5
68	0.0	0.0	0.0



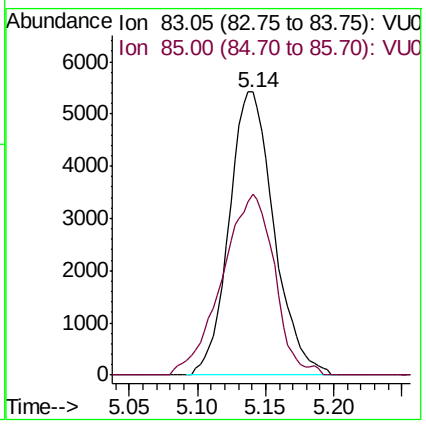


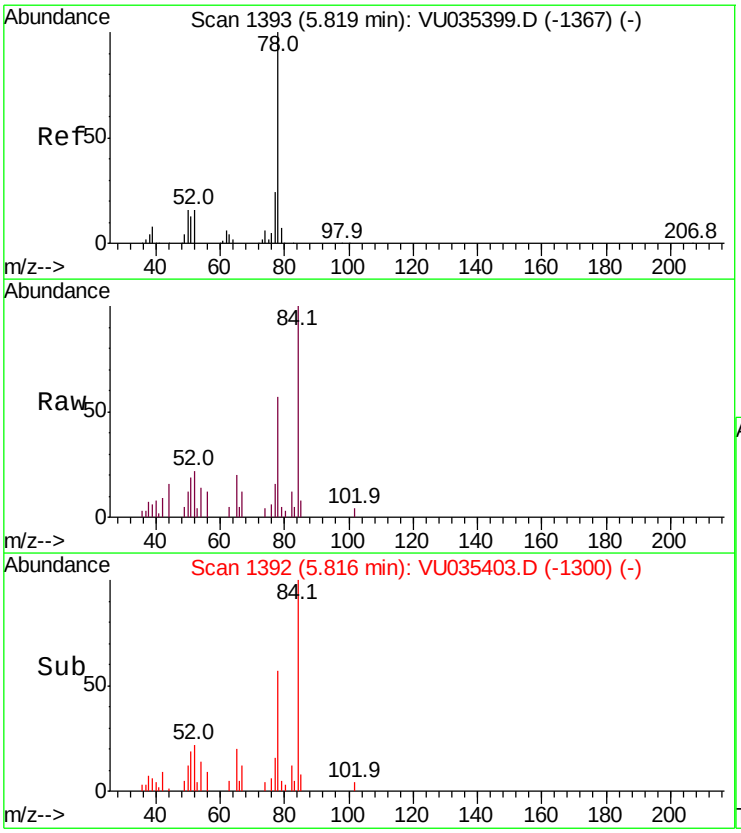
#25
Chloroform
Concen: 0.388 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12398

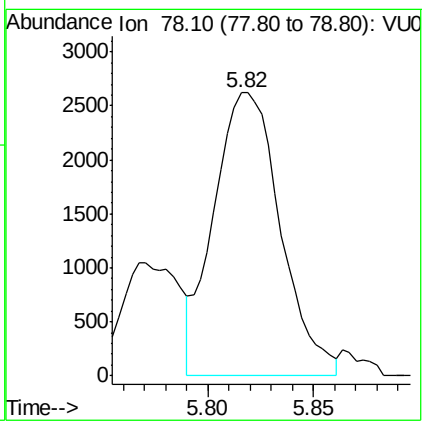
Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.1	83.9

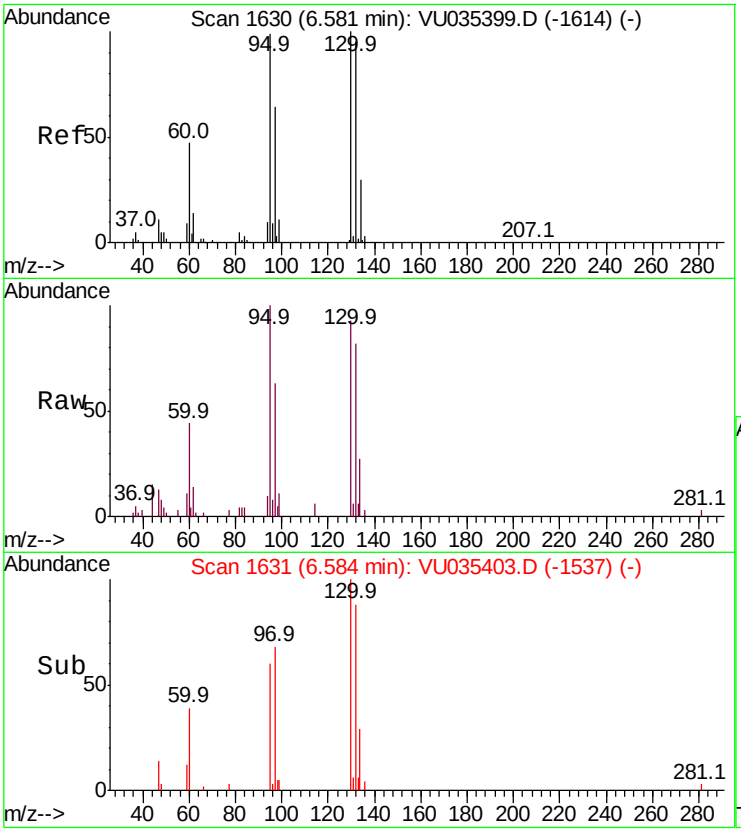




#33
Benzene
Concen: 0.084 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 78 Resp: 5764



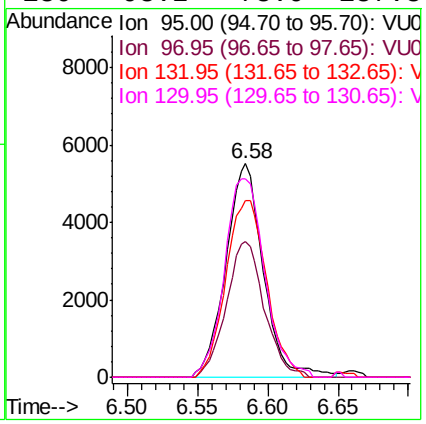


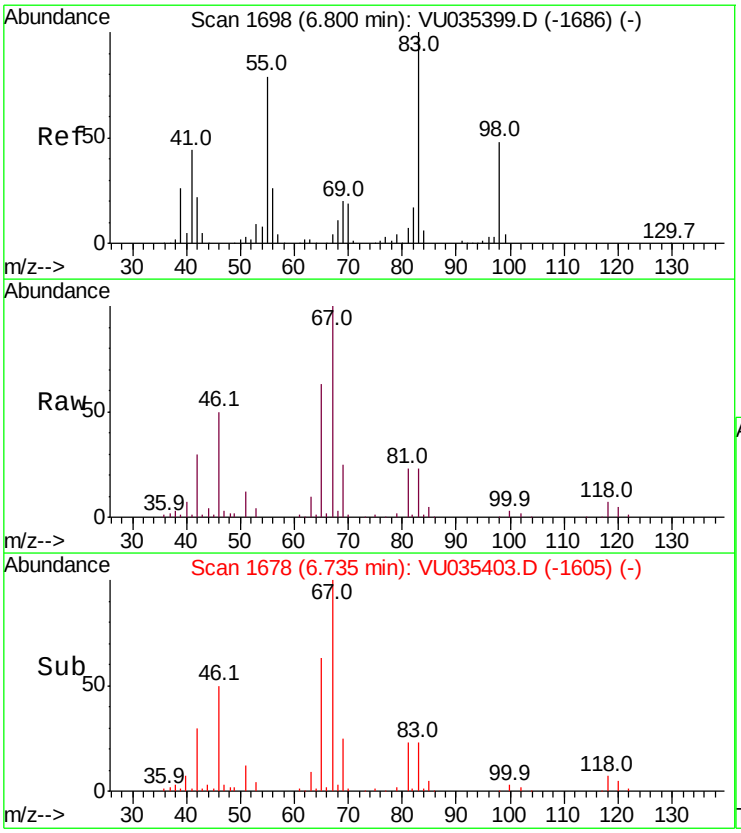
#34
Trichloroethene
Concen: 0.553 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 10253

Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.6	86.6
132	82.4	68.7	127.7
130	93.2	73.9	137.3

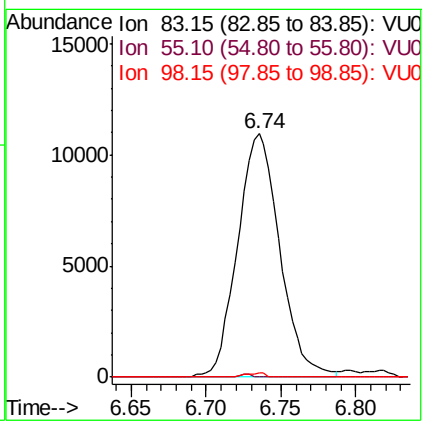


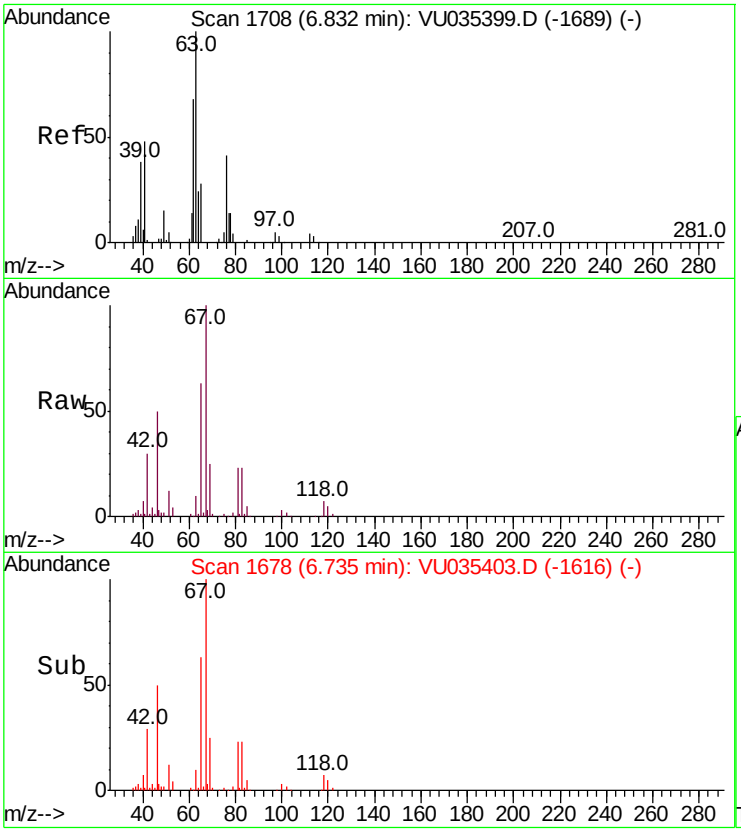


#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 83 Resp: 21514

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.8	39.5	59.3#



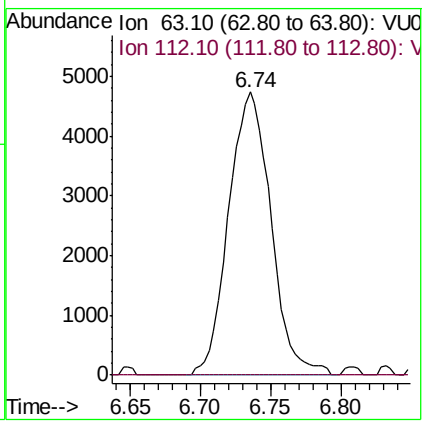


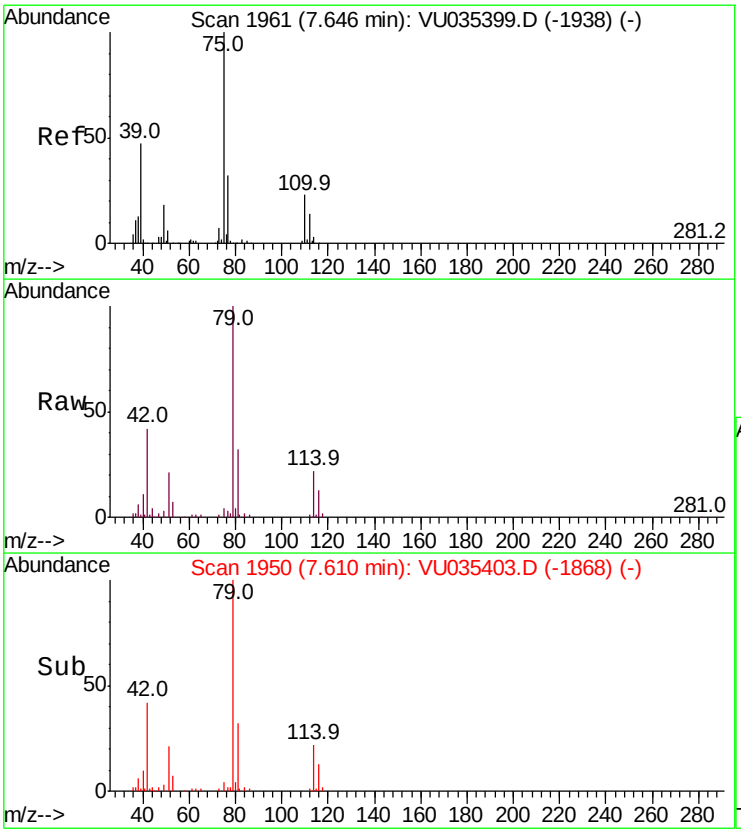
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9968

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

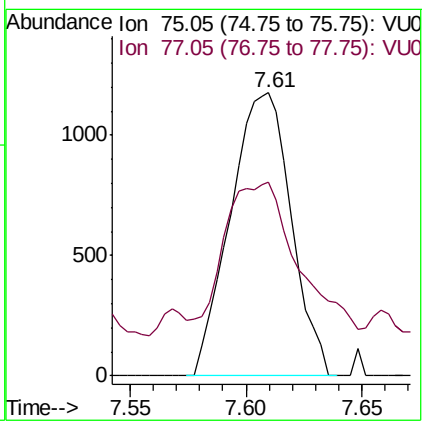


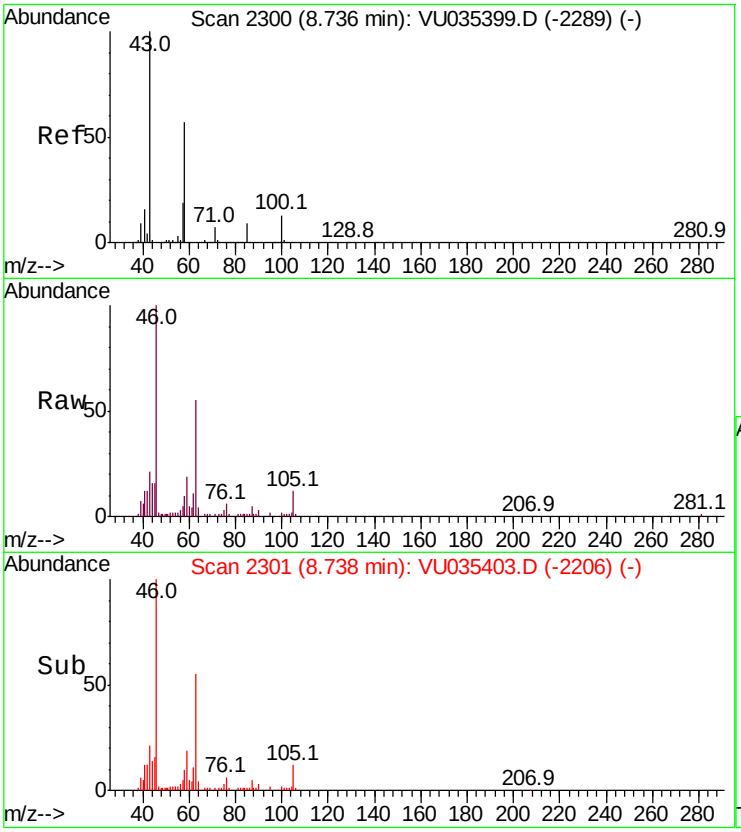


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.61 min Scan# 1950
Delta R.T. -0.04 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 75 Resp: 2138

Ion	Ratio	Lower	Upper
75	100		
77	68.5	22.7	42.1#



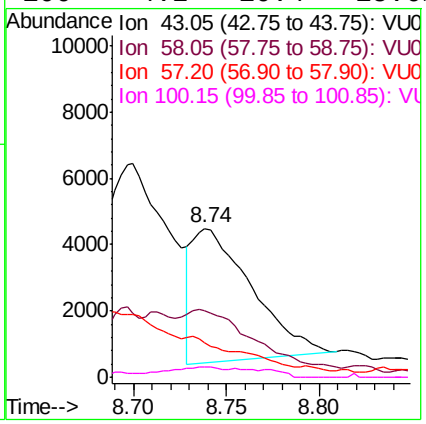


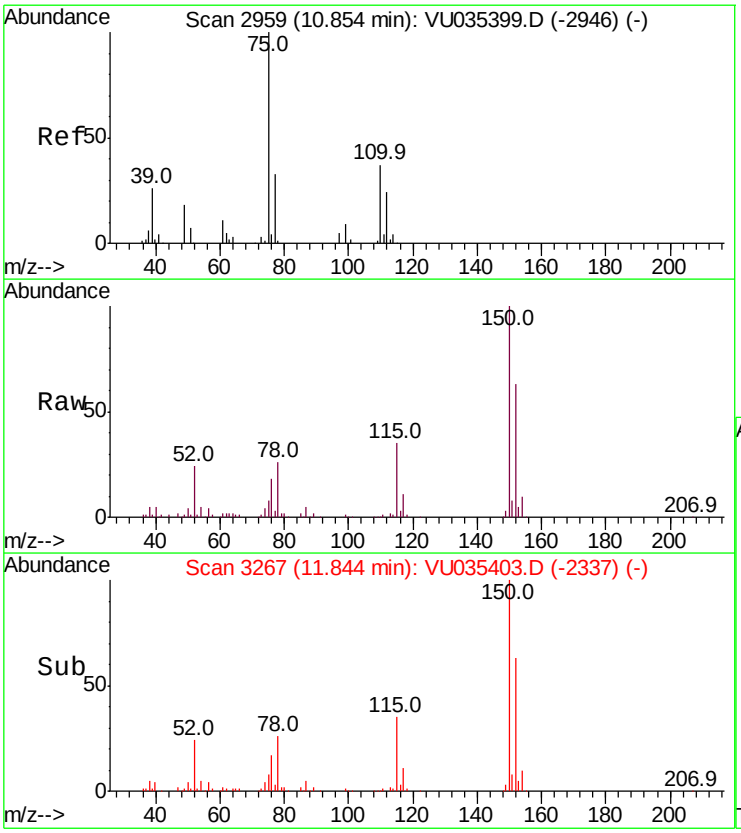
#48
2-Hexanone
Concen: 1.072 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8887

Ion	Ratio	Lower	Upper
43	100		
58	47.4	45.1	67.7
57	0.0	16.0	24.0#
100	4.2	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.839 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035403.D
Acq: 23 Oct 2019 12:09

Tgt Ion: 75 Resp: 10243

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.2