Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035259.D
Acq On : 18 Oct 2019 11:04
Operator : JC/SP
Sample : K5419-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 18 13:54:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	344037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	329075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	121972	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	101230	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.93	69	91132	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.60	63	140952	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	4.71	46	267777	44.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.84%			
24) Chloroform-d	5.11	84	187087	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.75	65	104697	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.77	84	383704	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.74	67	123409	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.93	98	361535	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.22	79	52706	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.69	63	218531	42.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.46%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98827	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.23	152	110252	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	140908	4.724	ug/L	99
12) 1,1-Dichloroethene	2.61	96	6385	0.289	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	415659	17.426	ug/L	96
19) 1,1-Dichloroethane	3.92	63	4366	0.101	ug/L #	90
22) cis-1,2-Dichloroethene	4.72	96	812391	30.814	ug/L	99
34) Trichloroethene	6.58	95	483941	18.591	ug/L	98
35) Methylcyclohexane	6.74	83	28289	0.650	ug/L #	20
37) 1,2-Dichloropropane	6.74	63	14181	0.577	ug/L #	86
47) Tetrachloroethene	8.58	164	13593	0.627	ug/L	93
48) 2-Hexanone	8.70	43	18748	1.611	ug/L #	57
49) Dibromochloromethane	8.59	129	12590	0.544	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	14436	0.843	ug/L	92

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

Quantitation Report (Not Reviewed)

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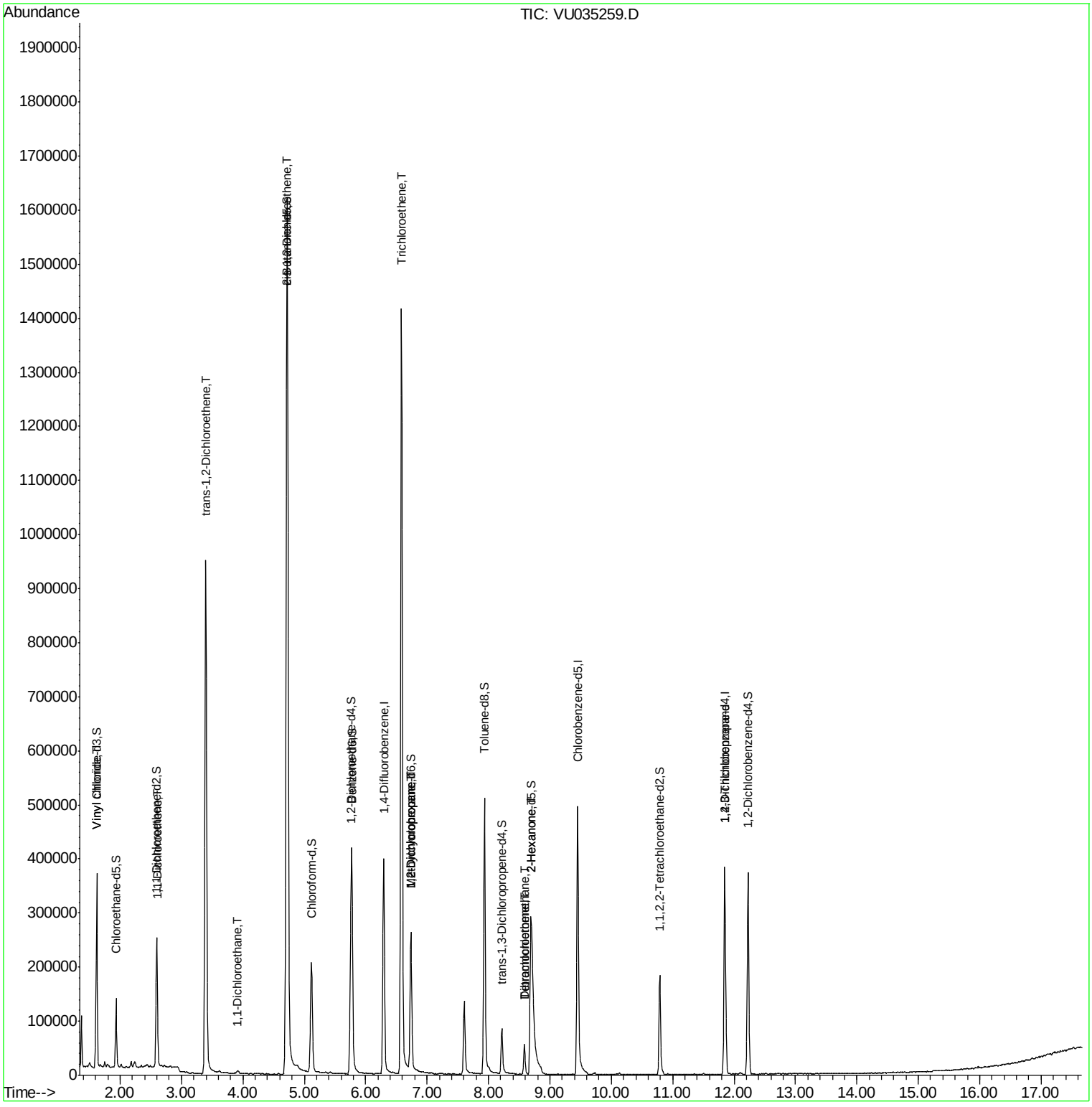
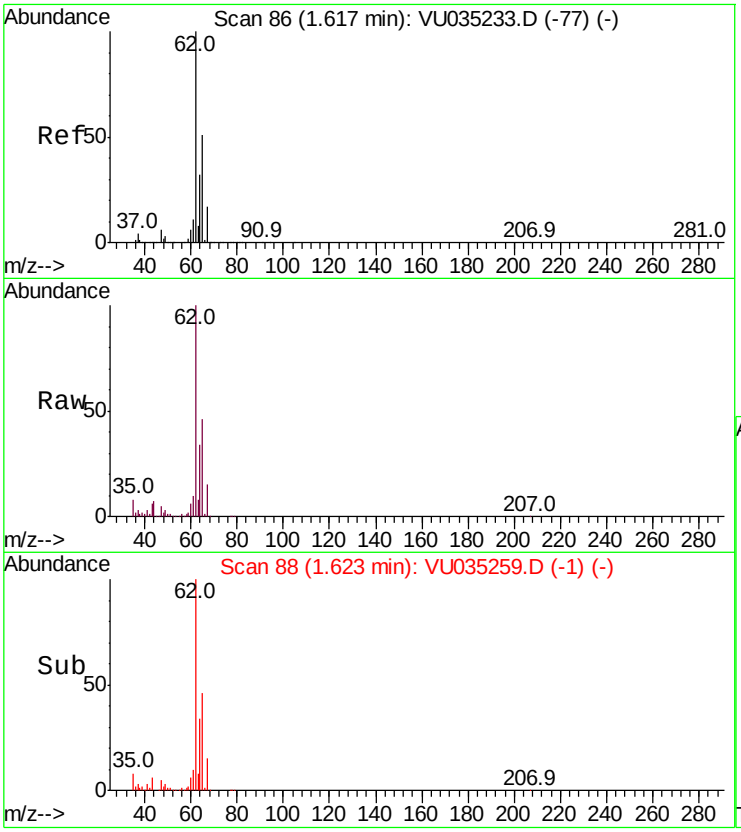
Data File : VU035259.D
Acq On : 18 Oct 2019 11:04
Operator : JC/SP
Sample : K5419-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 18 13:54:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration



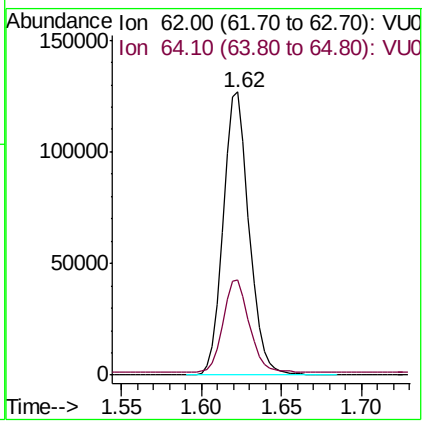


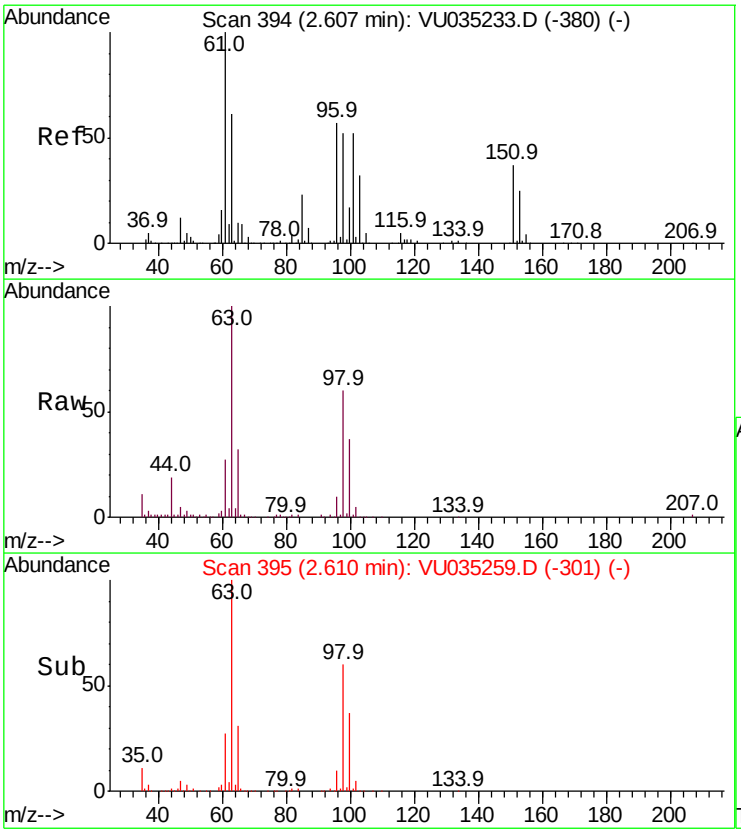
#5
Vinyl chloride
Concen: 4.724 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 140908

Ion	Ratio	Lower	Upper
62	100		
64	33.5	22.9	42.5

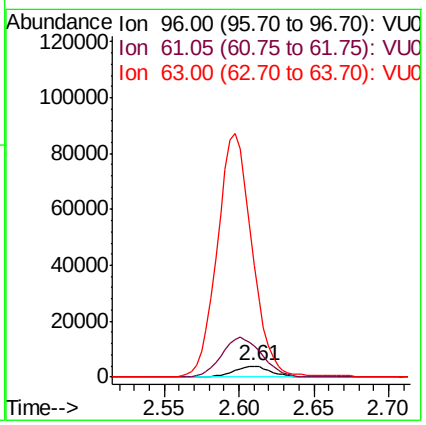


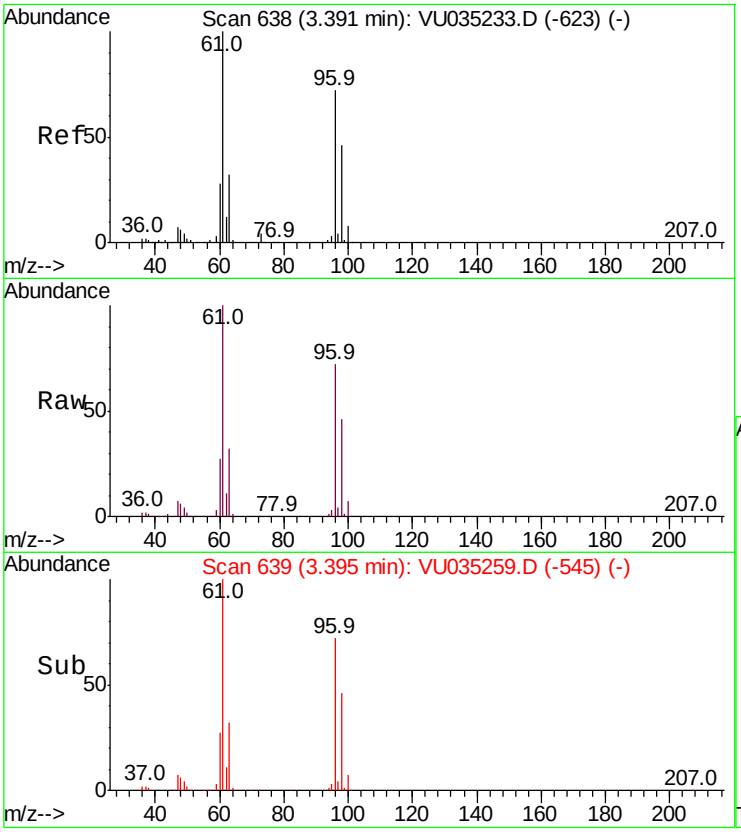


#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 96 Resp: 6385

Ion	Ratio	Lower	Upper
96	100		
61	280.2	120.6	224.0#
63	1020.7	86.8	161.2#



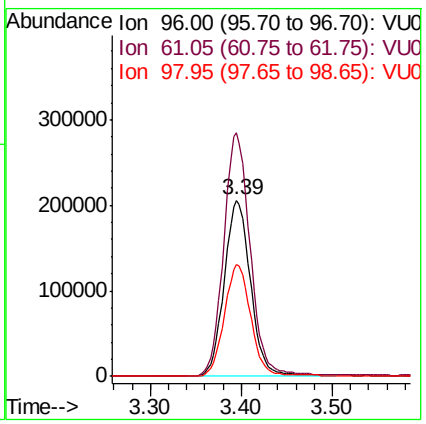


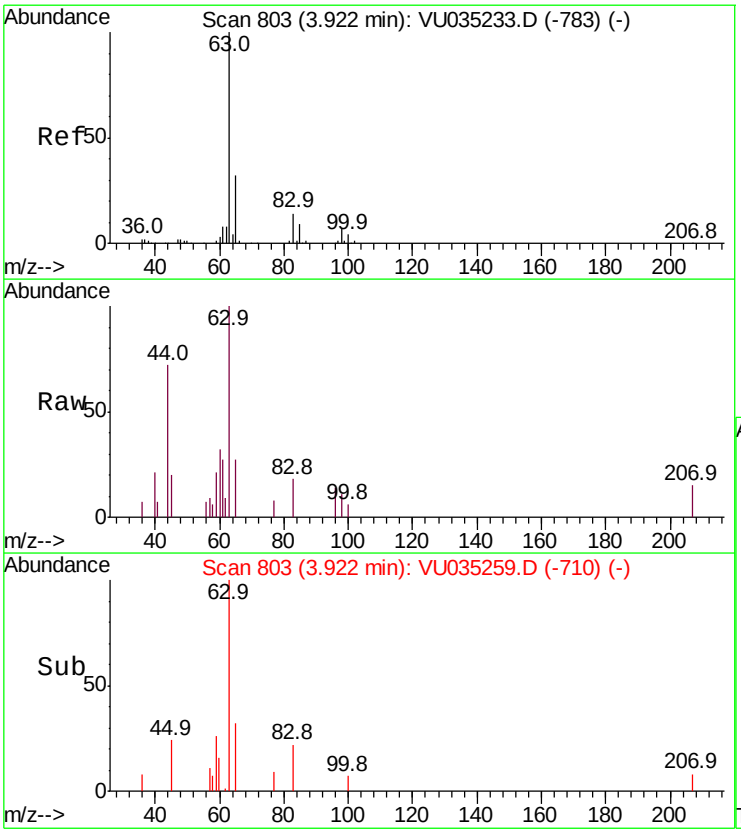
#18
trans-1,2-Dichloroethene
Concen: 17.426 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 415659

Ion	Ratio	Lower	Upper
96	100		
61	138.0	93.0	172.6
98	63.6	43.7	81.1

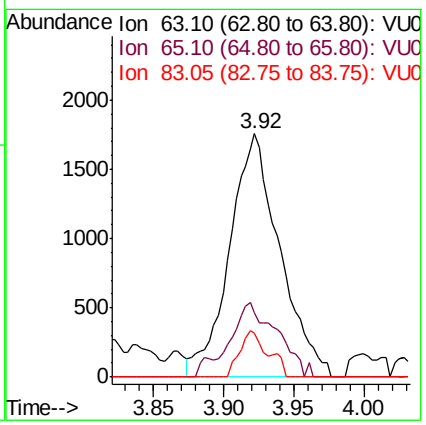


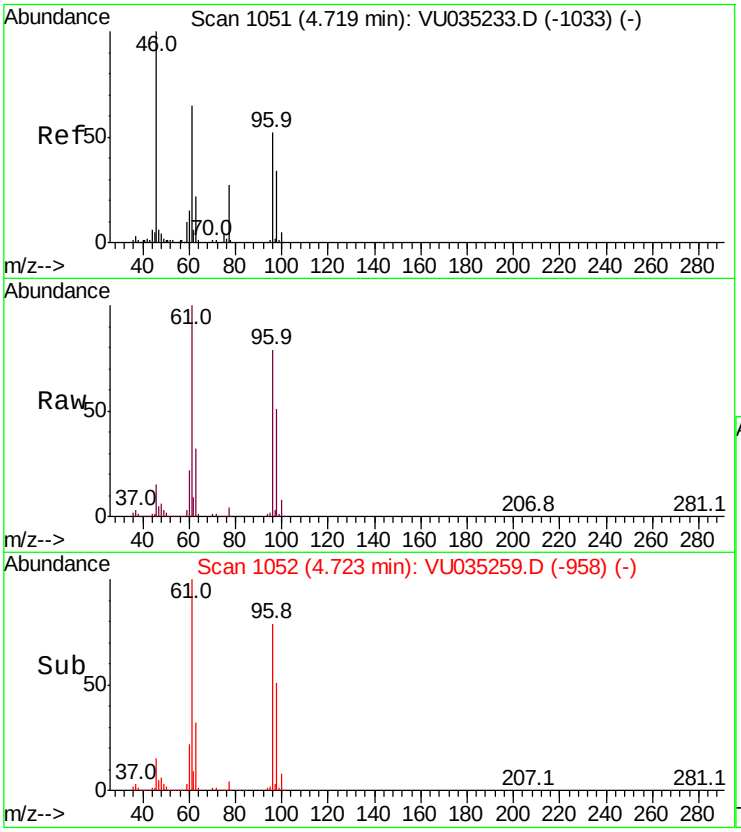


#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 63 Resp: 4366

Ion	Ratio	Lower	Upper
63	100		
65	26.6	22.4	41.6
83	18.1	9.3	17.3#



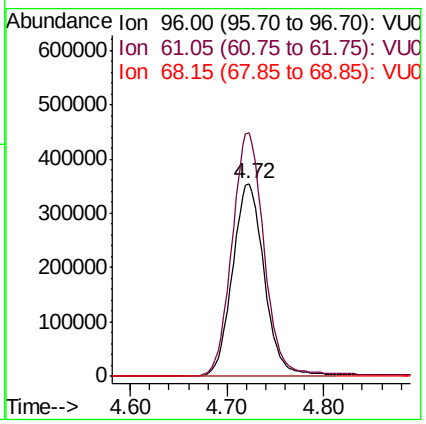


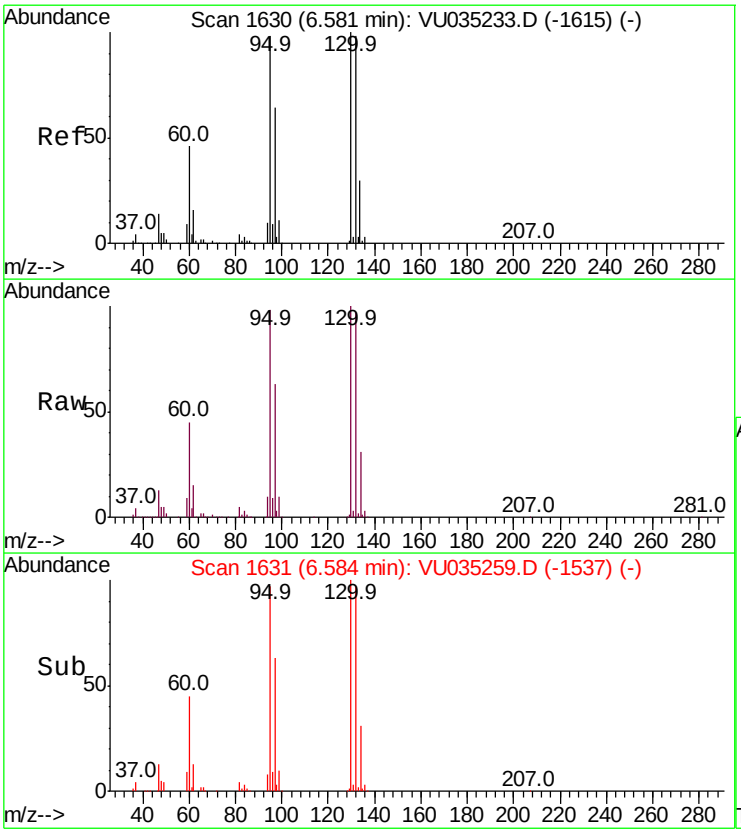
#22
cis-1,2-Dichloroethene
Concen: 30.814 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 812391

Ion	Ratio	Lower	Upper
96	100		
61	126.4	89.7	166.5
68	0.0	0.0	0.0

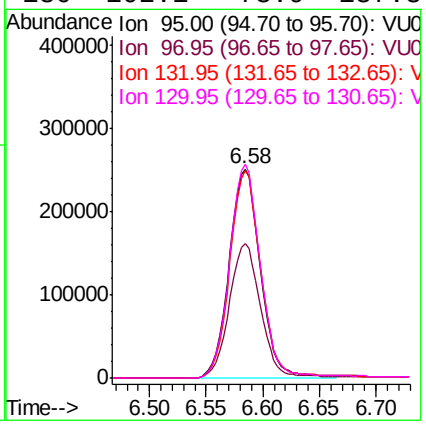


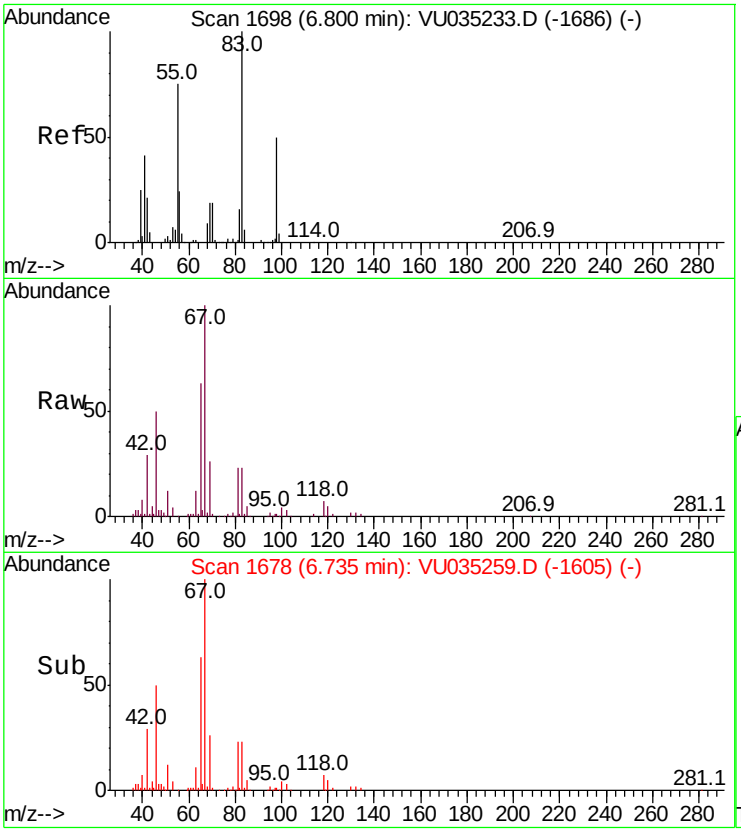


#34
Trichloroethene
Concen: 18.591 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 95 Resp: 483941

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.6	86.6
132	99.3	68.7	127.7
130	102.1	73.9	137.3



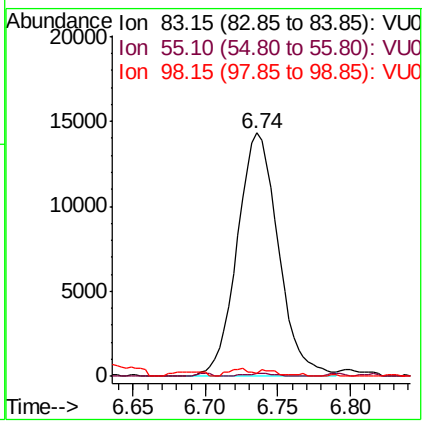


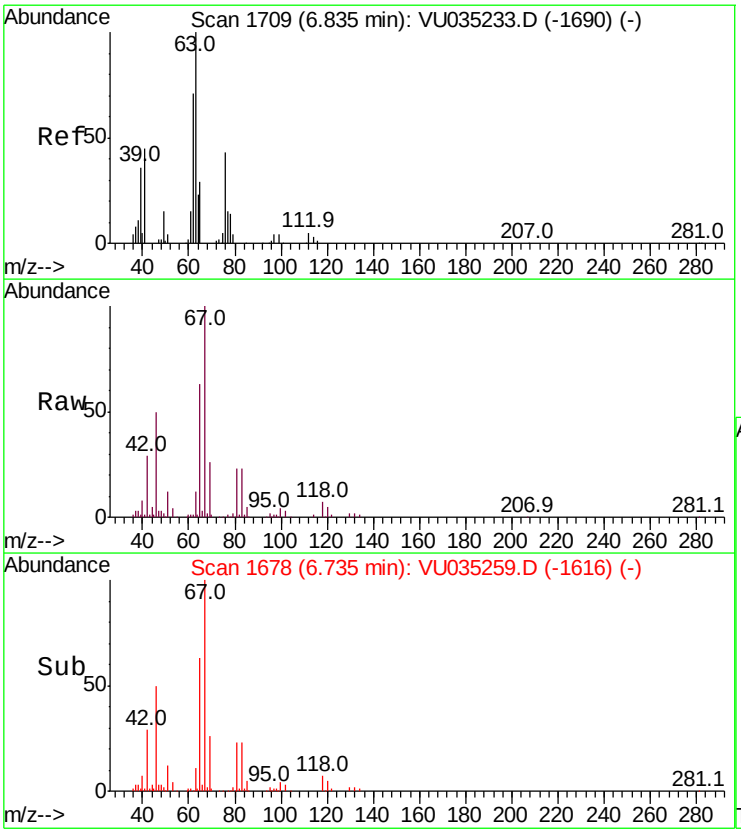
#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 28289

Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.4	90.6#
98	1.7	39.5	59.3#

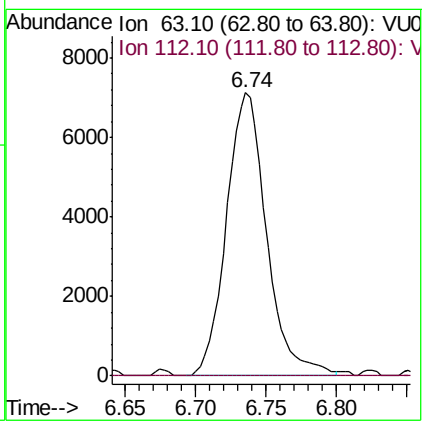


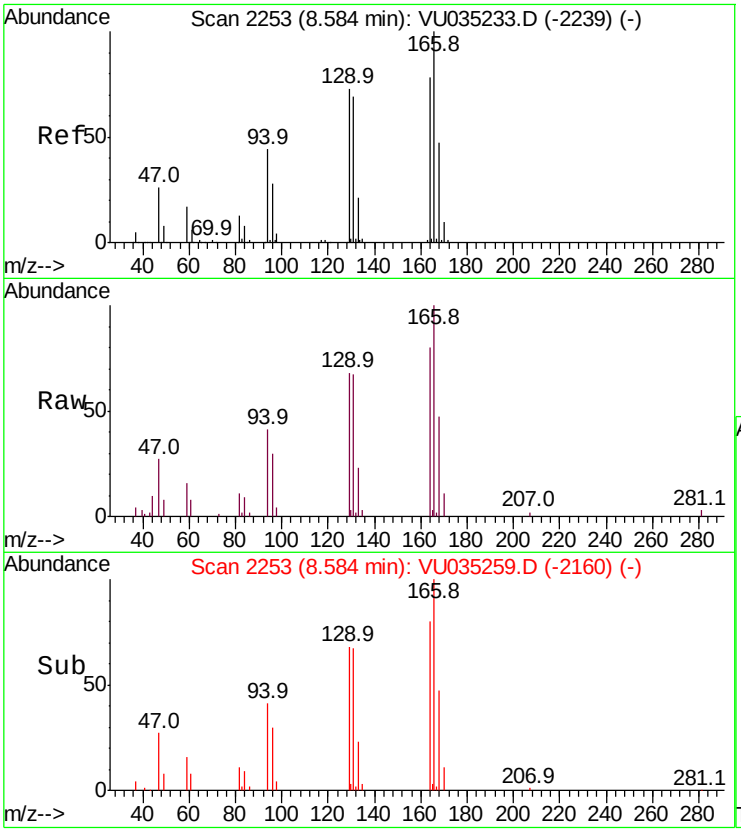


#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 63 Resp: 14181

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



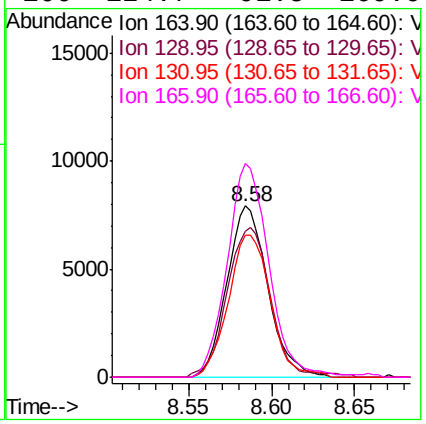


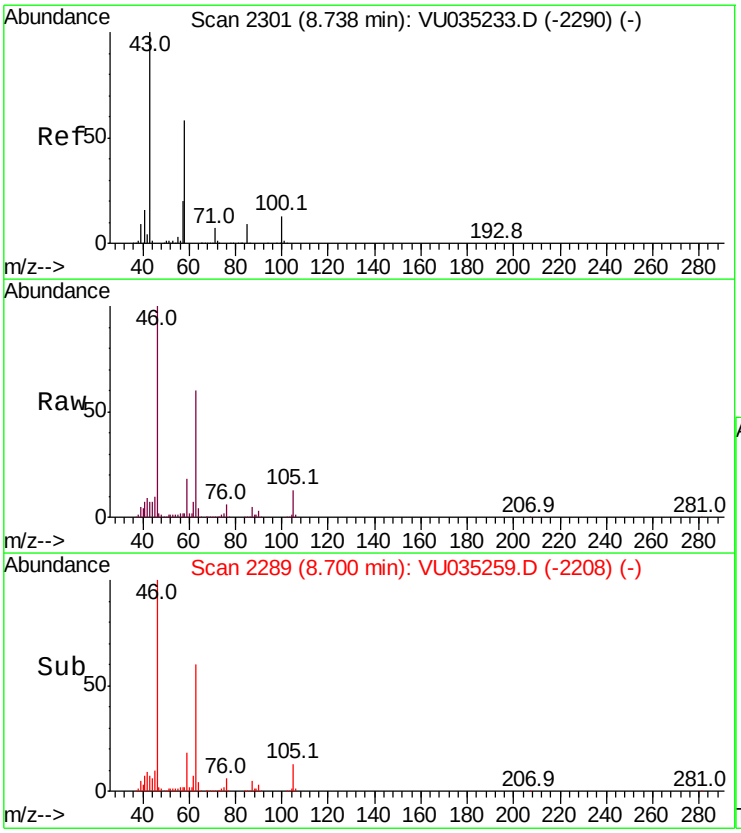
#47
Tetrachloroethene
Concen: 0.627 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 13593

Ion	Ratio	Lower	Upper
164	100		
129	84.9	65.2	121.0
131	83.3	62.9	116.9
166	124.7	91.5	169.9

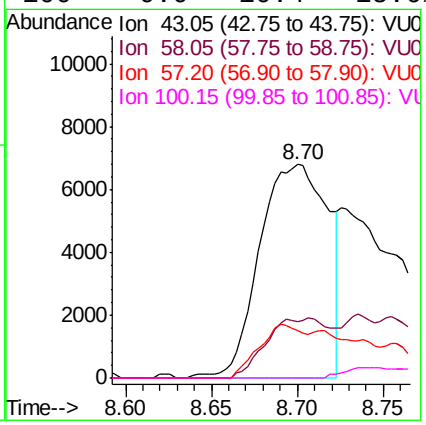


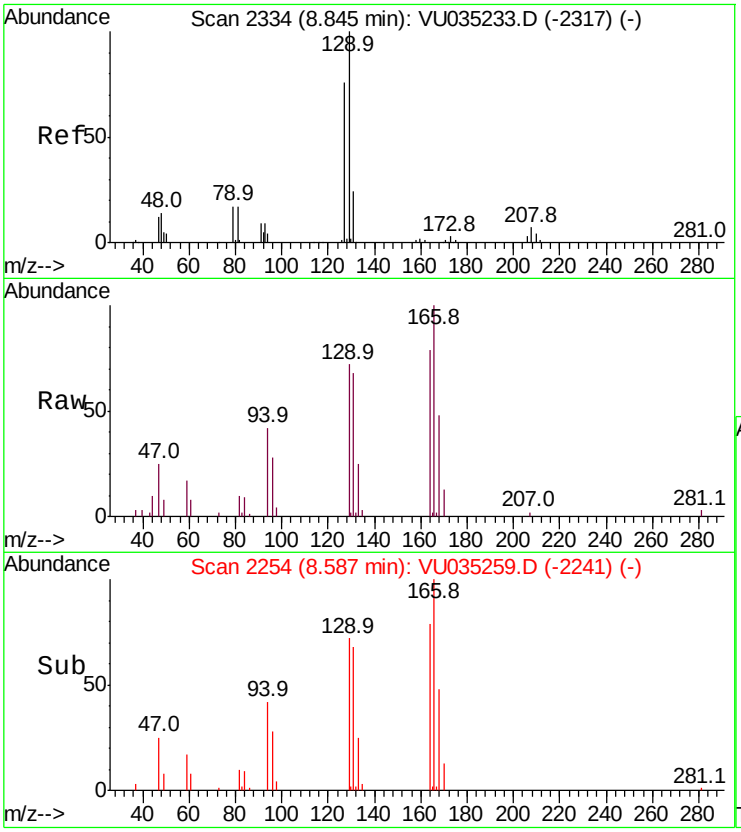


#48
2-Hexanone
Concen: 1.611 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.04 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 43 Resp: 18748

Ion	Ratio	Lower	Upper
43	100		
58	13.7	45.1	67.7#
57	16.7	16.0	24.0
100	0.0	10.4	15.6#



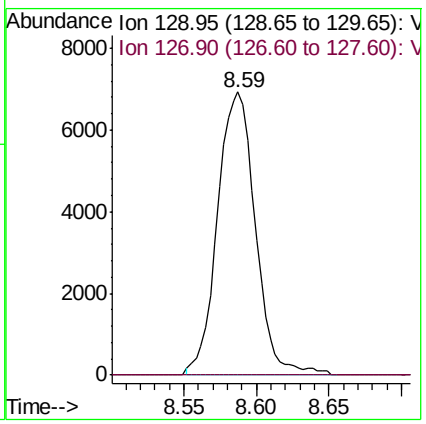


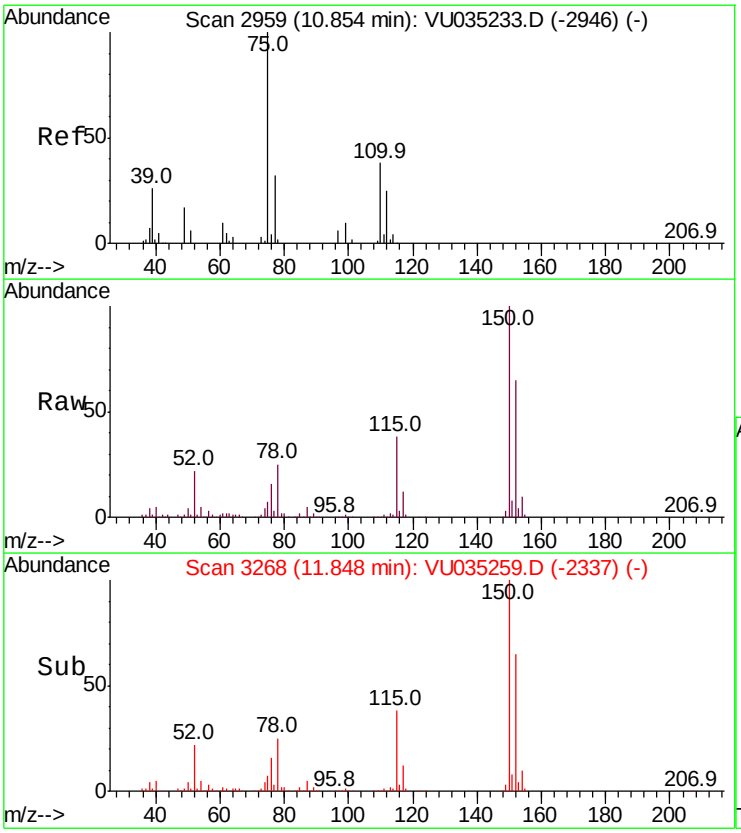
#49
Dibromochloromethane
Concen: 0.544 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.26 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 12590

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.843 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035259.D
Acq: 18 Oct 2019 11:04

Tgt Ion: 75 Resp: 14436

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.2	39.2