Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091519\

Quantitation Report (Not Reviewed)

Data File : VV012801.D
Acq On : 15 Sep 2019 14:47
Operator : SY/MD
Sample : K4865-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MN3

Quant Time: Sep 16 07:21:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	424180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	418764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158139	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	177690	6.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.60%			
7) Chloroethane-d5	1.58	69	152655	6.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 128.20%			
11) 1,1-Dichloroethene-d2	2.13	63	223602	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	3.98	46	386125	55.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.52%			
24) Chloroform-d	4.40	84	308055	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.80%			
26) 1,2-Dichloroethane-d4	5.08	65	158091	6.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.40%			
32) Benzene-d6	5.09	84	620235	6.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.00%			
36) 1,2-Dichloropropane-d6	6.12	67	194423	6.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 122.40%			
41) Toluene-d8	7.36	98	488401	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
43) trans-1,3-Dichloropropene-	7.66	79	60526	5.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.80%			
46) 2-Hexanone-d5	8.14	63	212066	51.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110986	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	163951	6.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.20%#			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	3349	0.093	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2307	0.083	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	2120	0.080	ug/L #	1
27) 1,2-Dichloroethane	5.09	62	3750	0.116	ug/L	95
35) Methylcyclohexane	6.12	83	46648	0.976	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	20113	0.660	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4732	0.118	ug/L #	65
48) 2-Hexanone	8.19	43	58728	4.857	ug/L #	87

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

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Quantitation Report (Not Reviewed)

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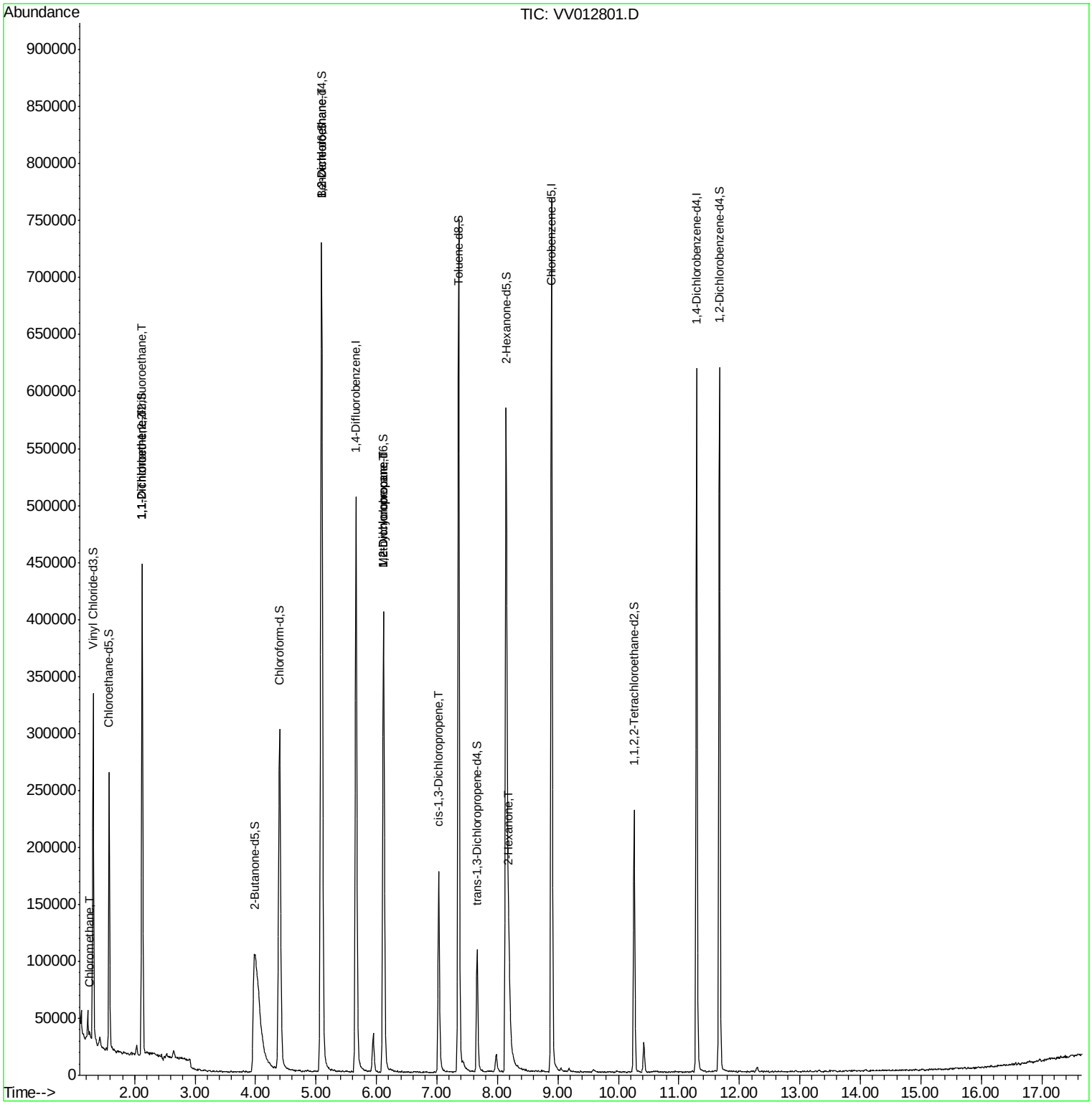
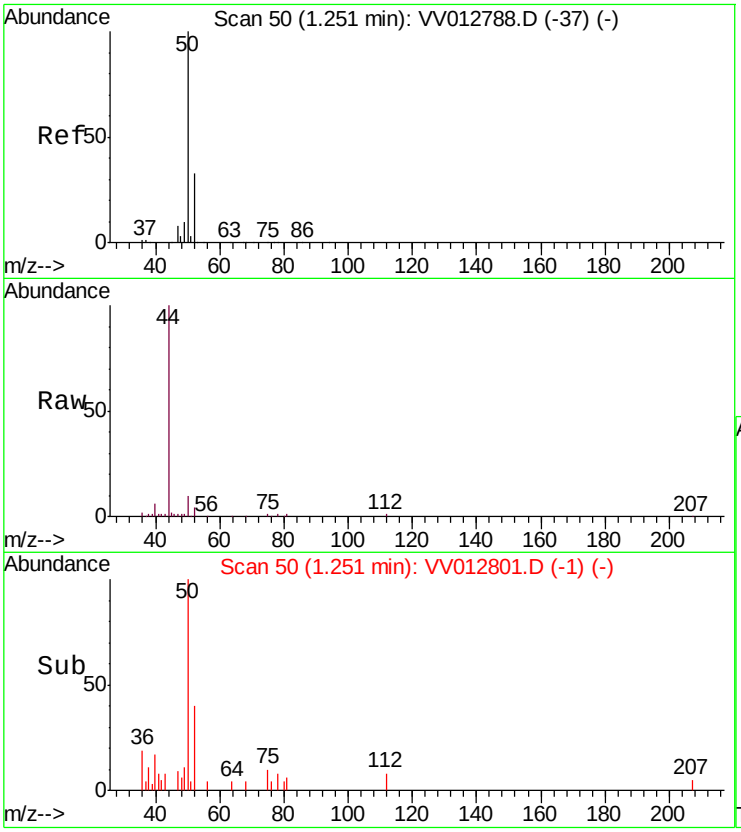
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MN3

Quant Time: Sep 16 07:21:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration



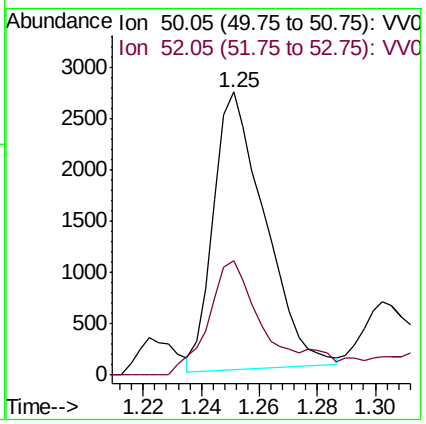


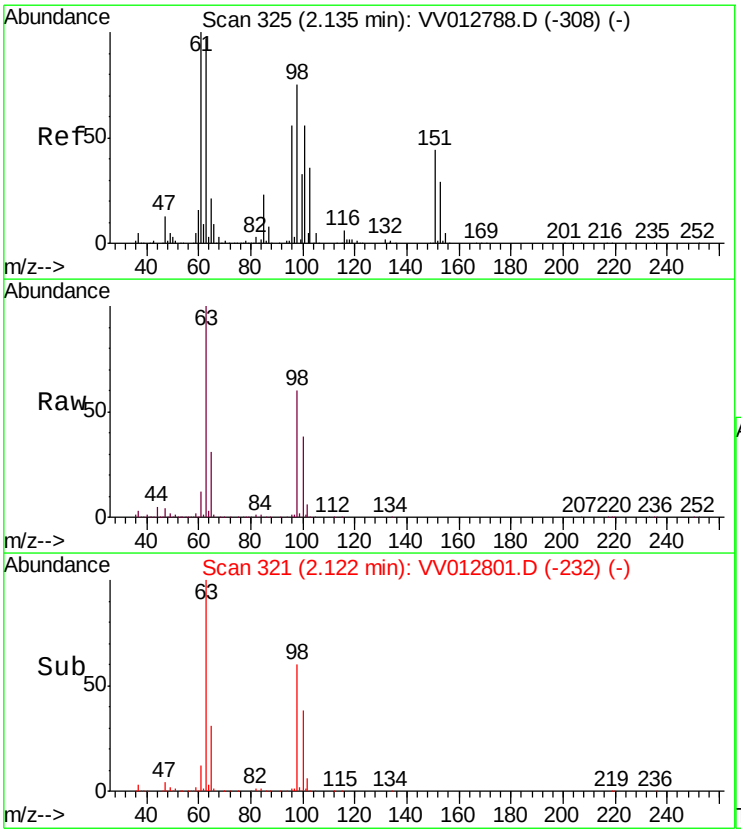
#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Instrument :
MSVOA_V
ClientSampleId :
C0MN3

Tgt Ion: 50 Resp: 3349

Ion	Ratio	Lower	Upper
50	100		
52	40.3	22.9	42.5

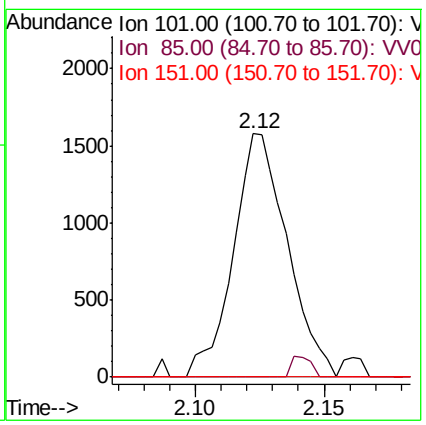


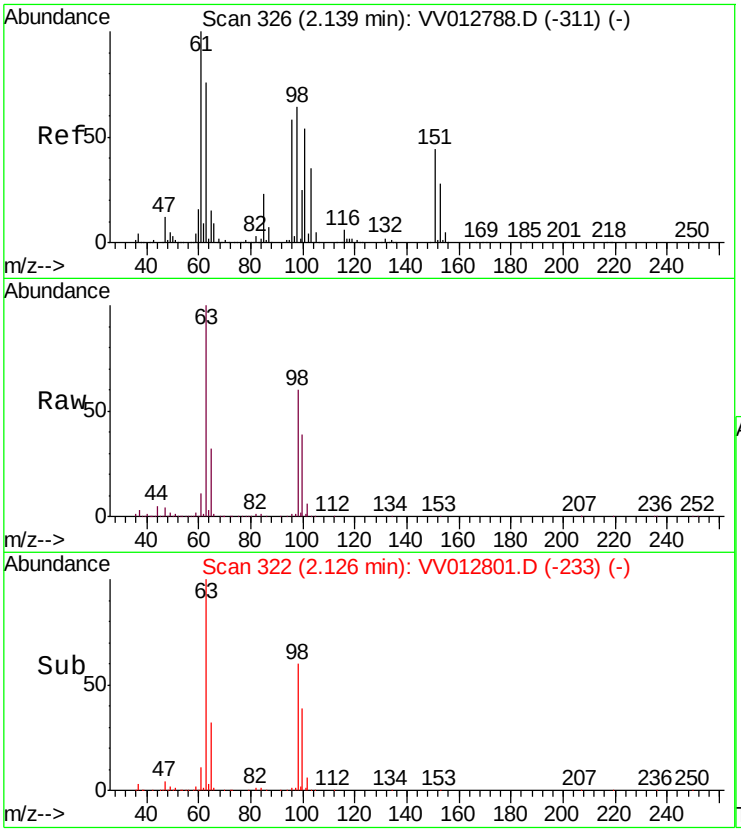


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Tgt Ion:101 Resp: 2307

Ion	Ratio	Lower	Upper
101	100		
85	3.0	33.0	49.6#
151	0.0	65.8	98.8#



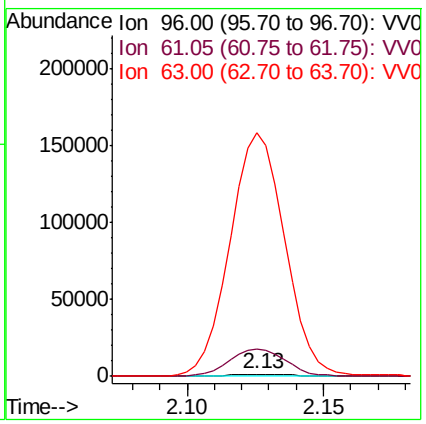


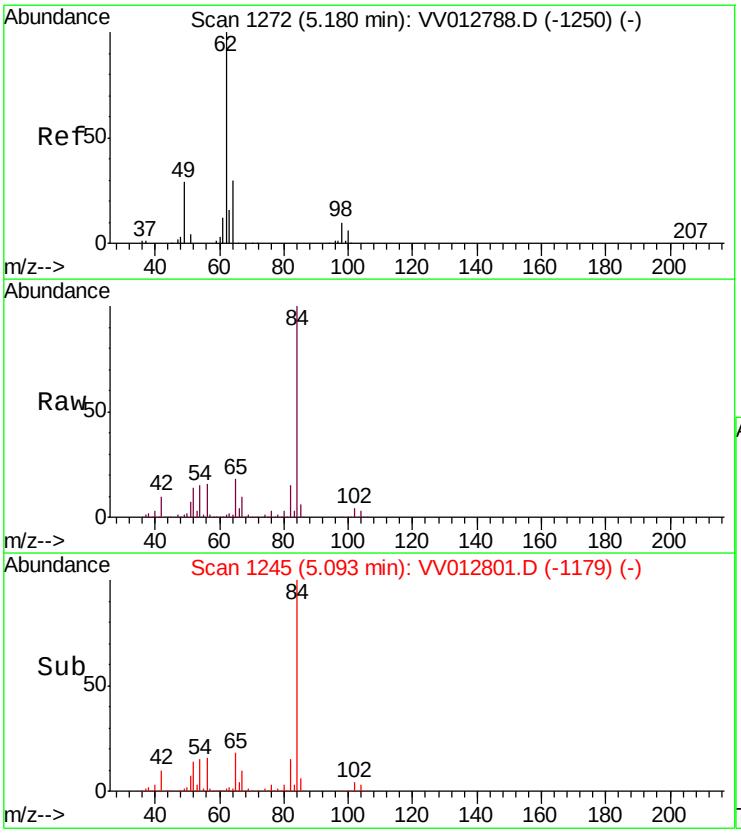
#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Instrument : MSVOA_V
ClientSampleId : C0MN3

Tgt Ion: 96 Resp: 2120

Ion	Ratio	Lower	Upper
96	100		
61	1283.3	115.8	215.0#
63	11192.1	79.4	147.4#

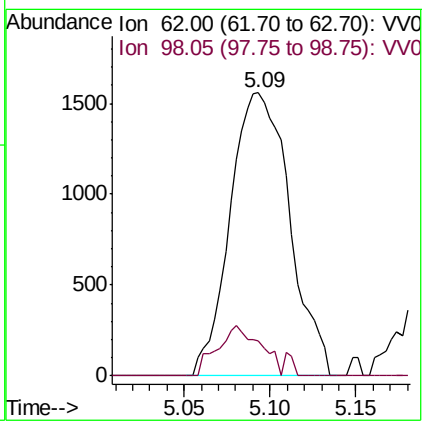


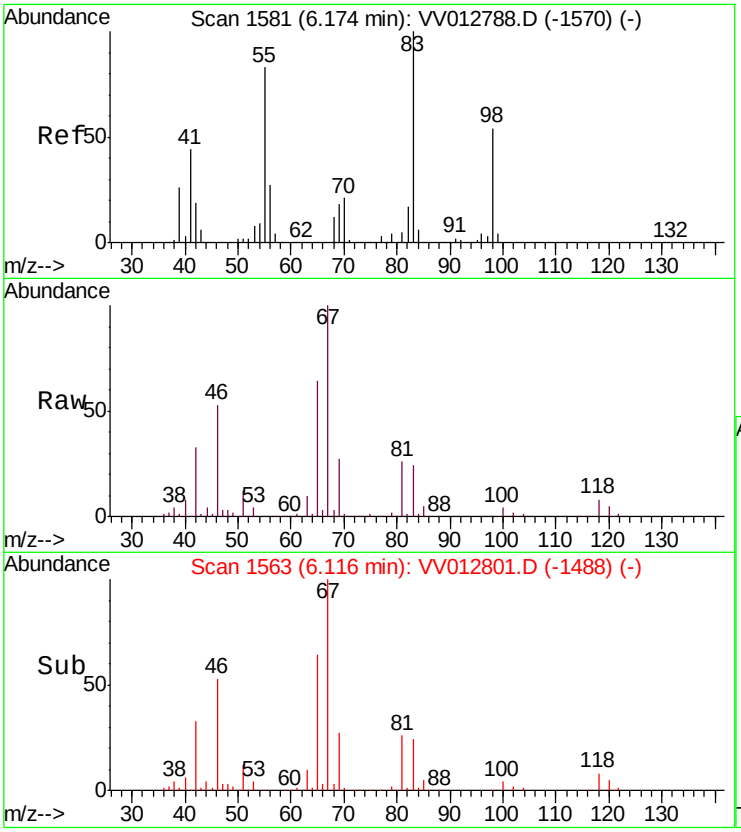


#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Tgt Ion: 62 Resp: 3750

Ion	Ratio	Lower	Upper
62	100		
98	12.3	8.4	12.6



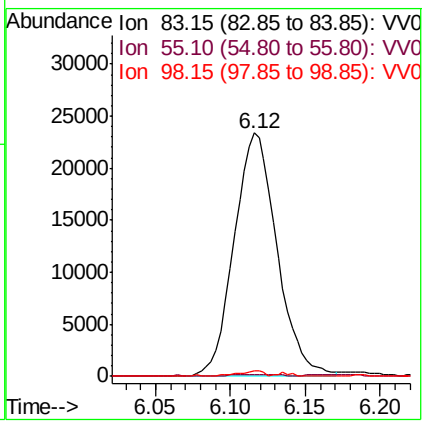


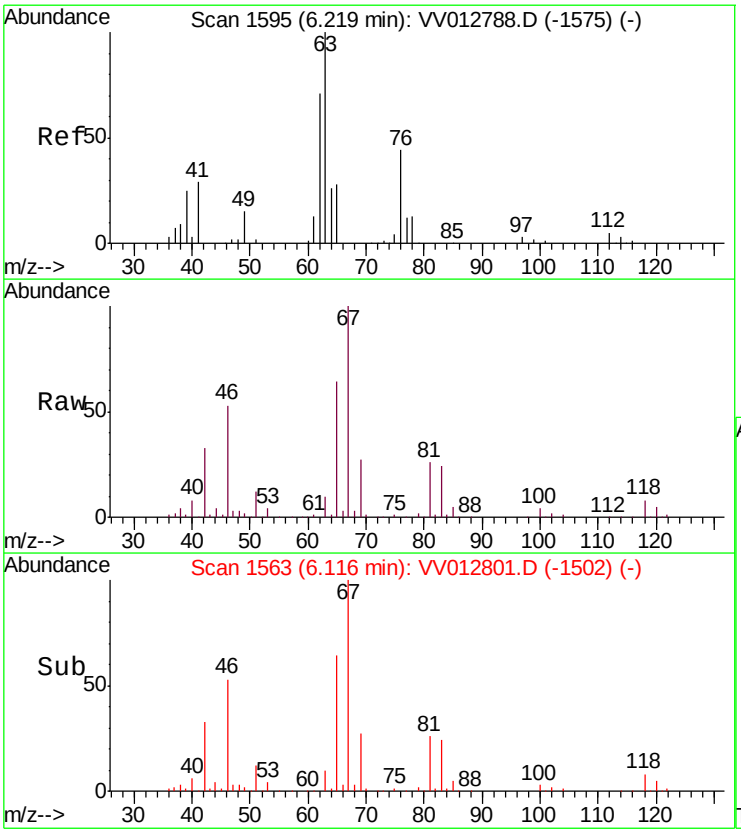
#35
Methylcyclohexane
Concen: 0.976 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Instrument :
MSVOA_V
ClientSampleId :
C0MN3

Tgt Ion: 83 Resp: 46648

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.0	94.4#
98	1.3	39.8	59.8#

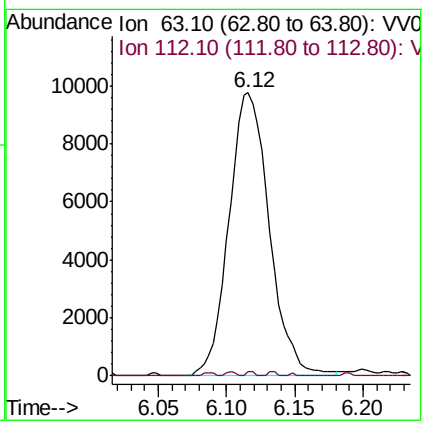


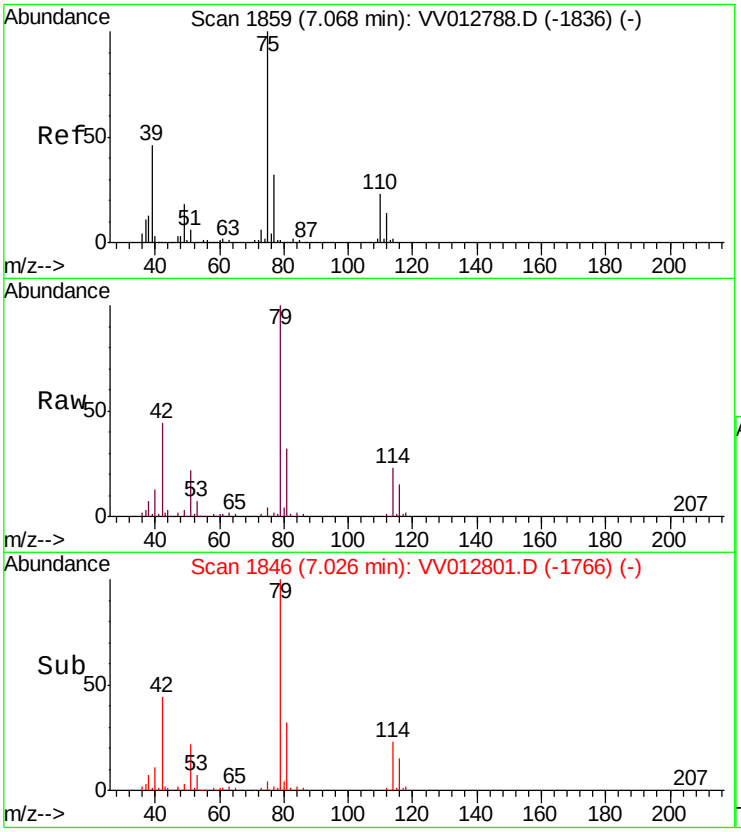


#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Tgt Ion: 63 Resp: 20113

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#



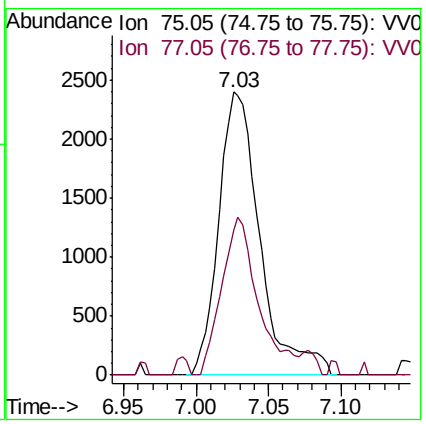


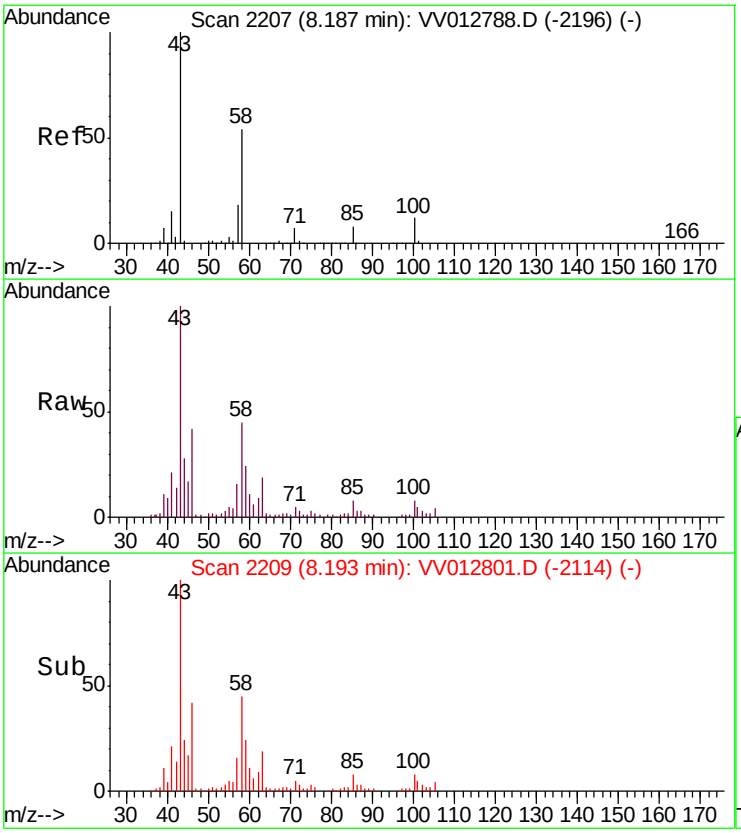
#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Instrument :
MSVOA_V
ClientSampleId :
C0MN3

Tgt Ion: 75 Resp: 4732

Ion	Ratio	Lower	Upper
75	100		
77	51.3	22.3	41.3#





#48
2-Hexanone
Concen: 4.857 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012801.D
Acq: 15 Sep 2019 14:47

Tgt Ion: 43 Resp: 58728

Ion	Ratio	Lower	Upper
43	100		
58	43.9	44.8	67.2#
57	14.7	14.9	22.3#
100	10.9	9.8	14.8