Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011623.D
Acq On : 19 Jun 2019 17:41
Operator : SY/MD
Sample : K3386-09DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M88DL

Quant Time: Jun 20 02:11:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58171	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	58615	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.57	69	34971	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.11	63	98289	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.60%			
20) 2-Butanone-d5	3.96	46	161121	49.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.22%			
24) Chloroform-d	4.40	84	109147	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.08	65	66190	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.09	84	232176	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
36) 1,2-Dichloropropane-d6	6.11	67	71606	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.36	98	205726	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
43) trans-1,3-Dichloropropene-	7.66	79	21838	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.14	63	115866	44.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46787	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	65390	5.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	5637	0.378	ug/L	98
6) Bromomethane	1.53	94	2529	0.410	ug/L	92
8) Chloroethane	1.60	64	2684	0.376	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1197	0.129	ug/L #	37
12) 1,1-Dichloroethene	2.13	96	12527	1.304	ug/L #	16
13) Acetone	2.21	43	4922	2.226	ug/L	97
16) Methylene chloride	2.53	84	2056	0.188	ug/L	87
19) 1,1-Dichloroethane	3.22	63	2571	0.114	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	17600	1.431	ug/L	96
25) Chloroform	4.42	83	6157	0.273	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	5240	0.293	ug/L	95
34) Trichloroethene	5.96	95	197803	16.520	ug/L	98
35) Methylcyclohexane	6.11	83	17183	1.007	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9095	0.728	ug/L #	86
48) 2-Hexanone	8.14	43	15594	2.490	ug/L #	71
54) o-xylene	9.59	106	1559	0.083	ug/L	79
67) 1,3,5-Trichlorobenzene	12.69	180	1361	0.099	ug/L #	80

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011623.D
Acq On : 19 Jun 2019 17:41
Operator : SY/MD
Sample : K3386-09DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M88DL

Quant Time: Jun 20 02:11:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.31	180	1671	0.151	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	1344	0.125	ug/L	99

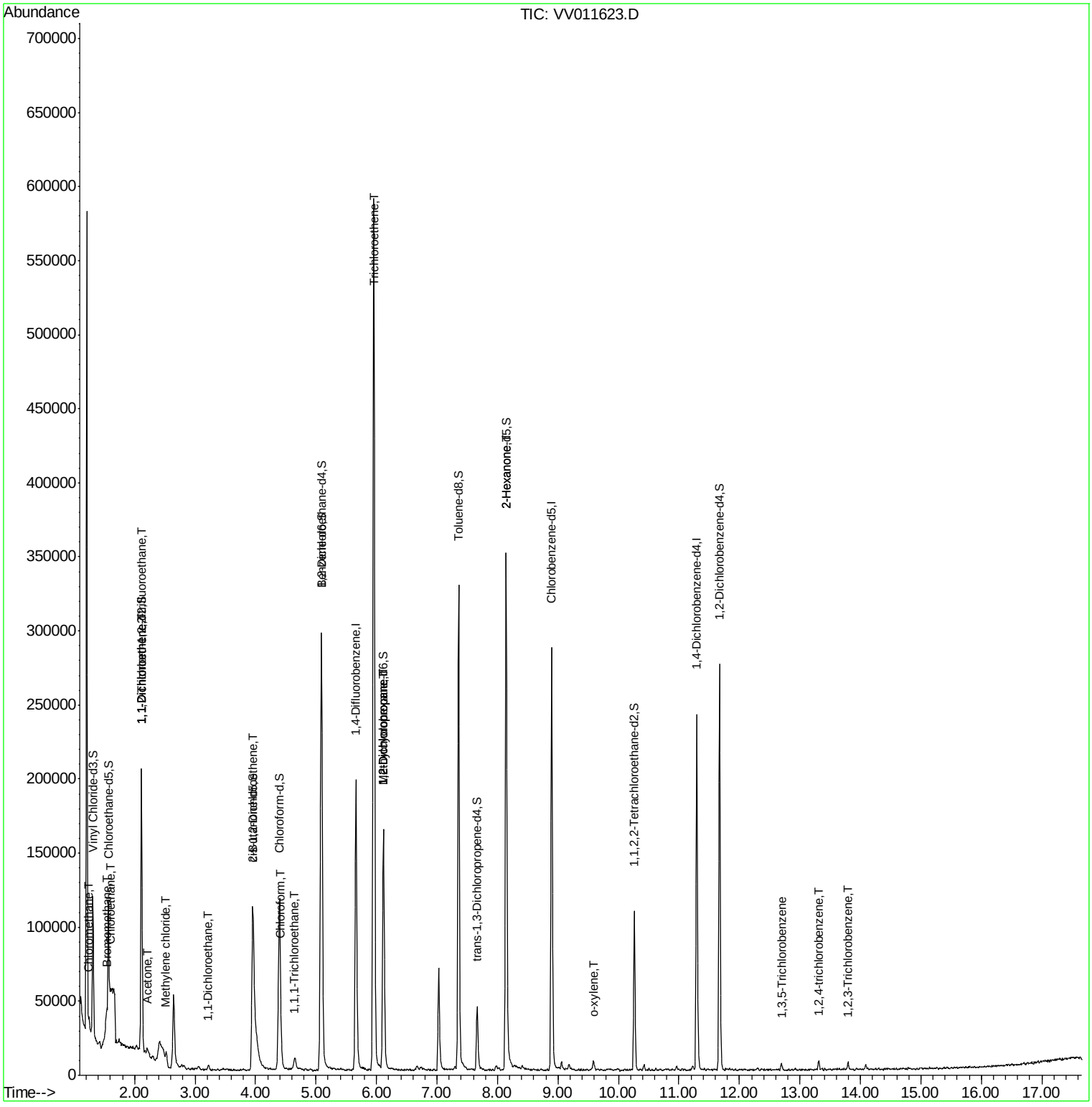
(#) = qualifier out of range (m) = manual integration (+) = signals summed

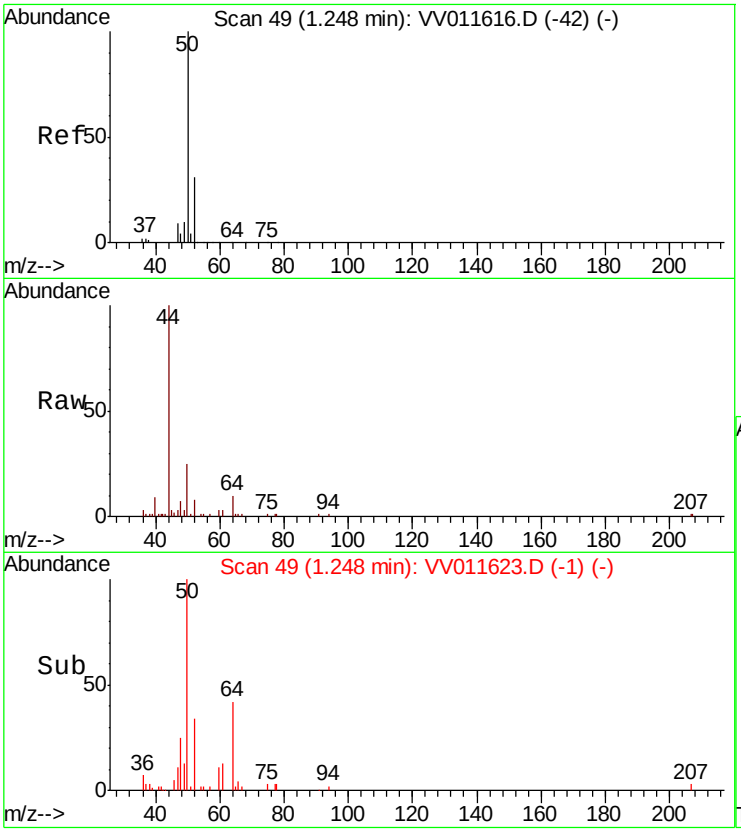
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011623.D
Acq On : 19 Jun 2019 17:41
Operator : SY/MD
Sample : K3386-09DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Quant Time: Jun 20 02:11:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration



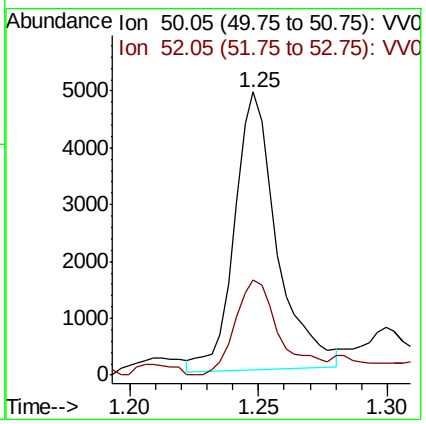


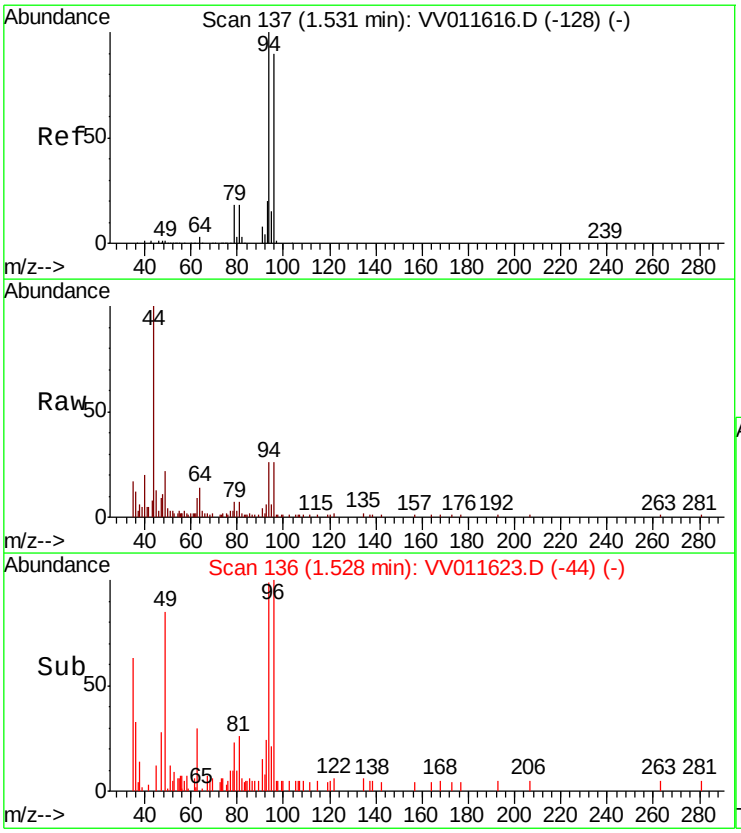
#3
Chloromethane
Concen: 0.378 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 50 Resp: 5637

Ion	Ratio	Lower	Upper
50	100		
52	33.6	22.7	42.1

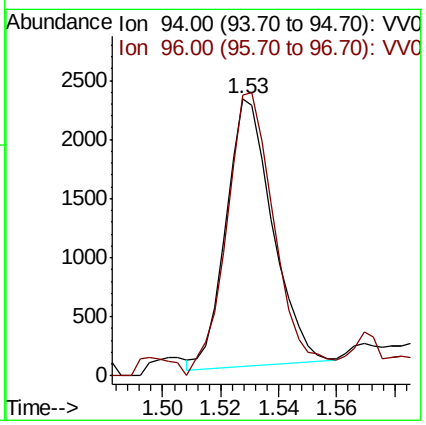


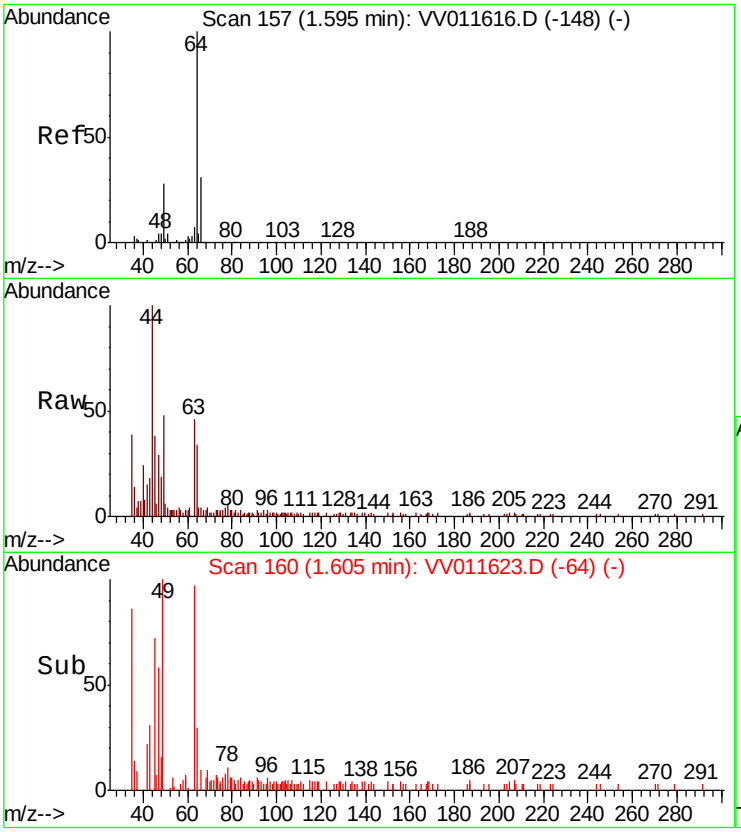


#6
Bromomethane
Concen: 0.410 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 94 Resp: 2529

Ion	Ratio	Lower	Upper
94	100		
96	101.3	65.5	121.7



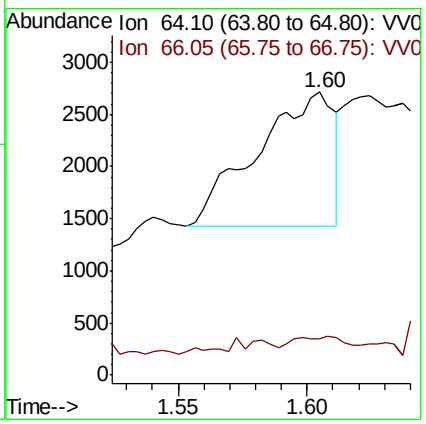


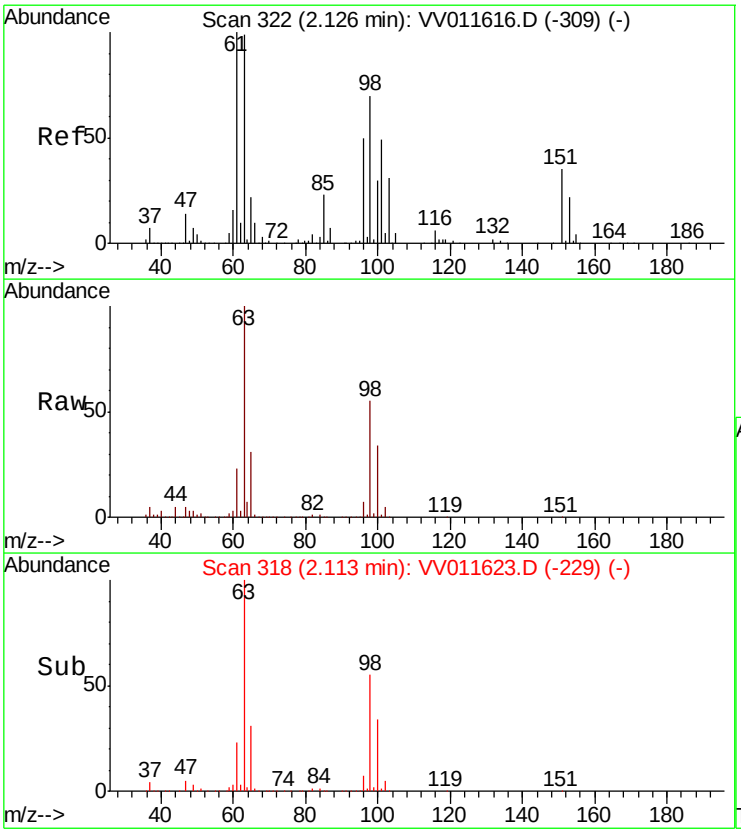
#8
Chloroethane
Concen: 0.376 ug/L
RT: 1.60 min Scan# 160
Delta R.T. 0.01 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 64 Resp: 2684

Ion	Ratio	Lower	Upper
64	100		
66	12.9	21.6	40.2#

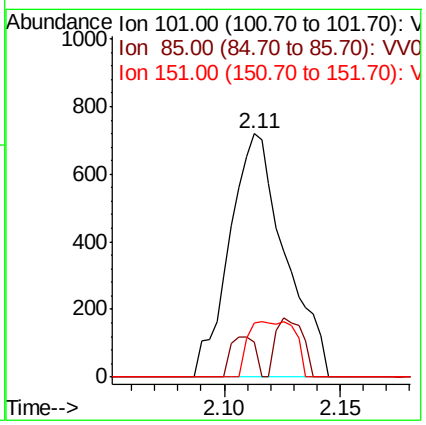


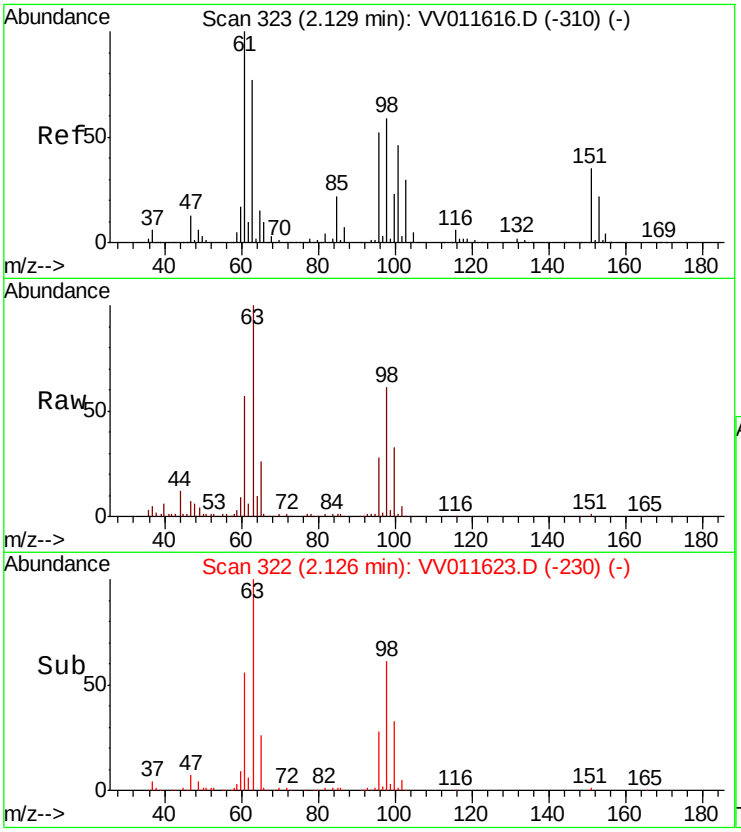


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.129 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion:101 Resp: 1197

Ion	Ratio	Lower	Upper
101	100		
85	7.0	37.3	55.9#
151	19.1	59.4	89.2#



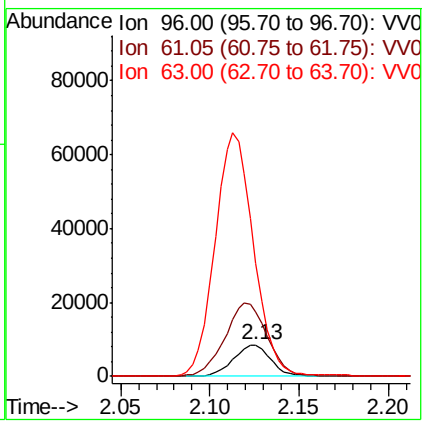


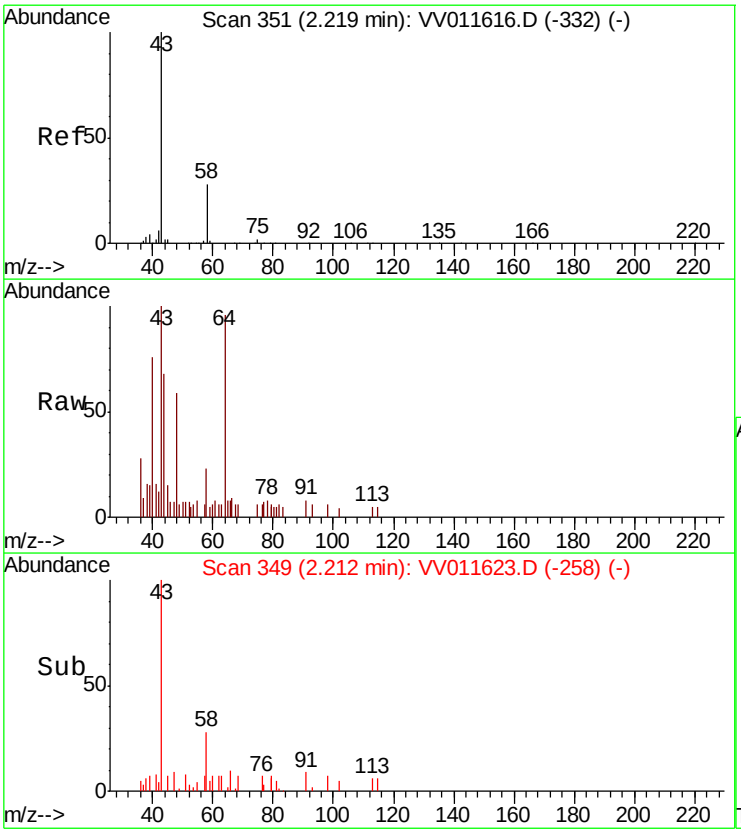
#12
1,1-Dichloroethene
Concen: 1.304 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 96 Resp: 12527

Ion	Ratio	Lower	Upper
96	100		
61	202.5	135.9	252.5
63	357.1	86.2	160.2#

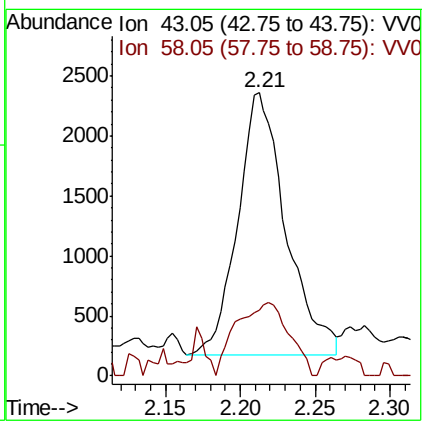


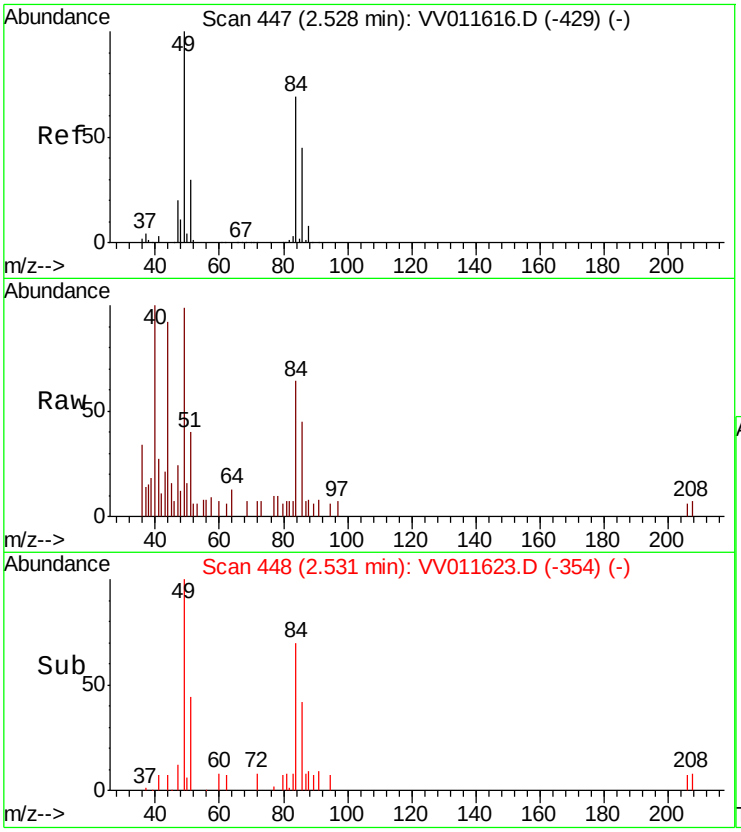


#13
Acetone
Concen: 2.226 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 43 Resp: 4922

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	57.8



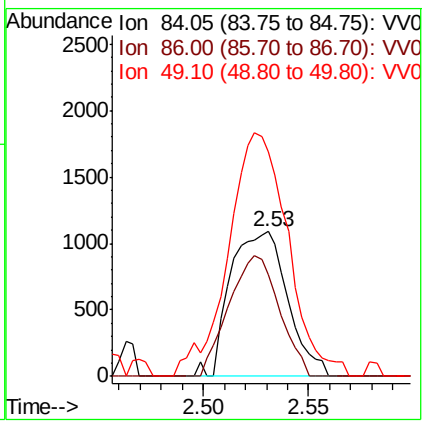


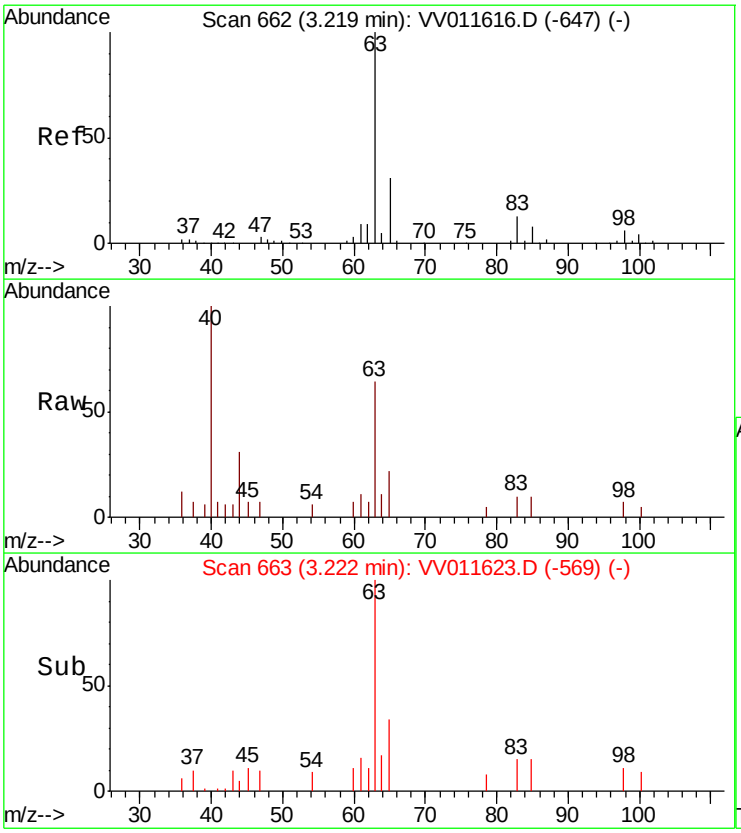
#16
Methylene chloride
Concen: 0.188 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 84 Resp: 2056

Ion	Ratio	Lower	Upper
84	100		
86	70.0	42.5	78.9
49	155.4	97.7	181.5

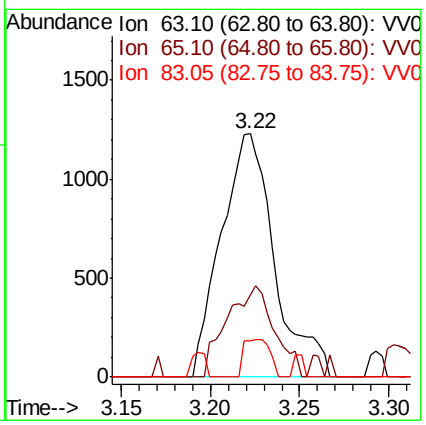


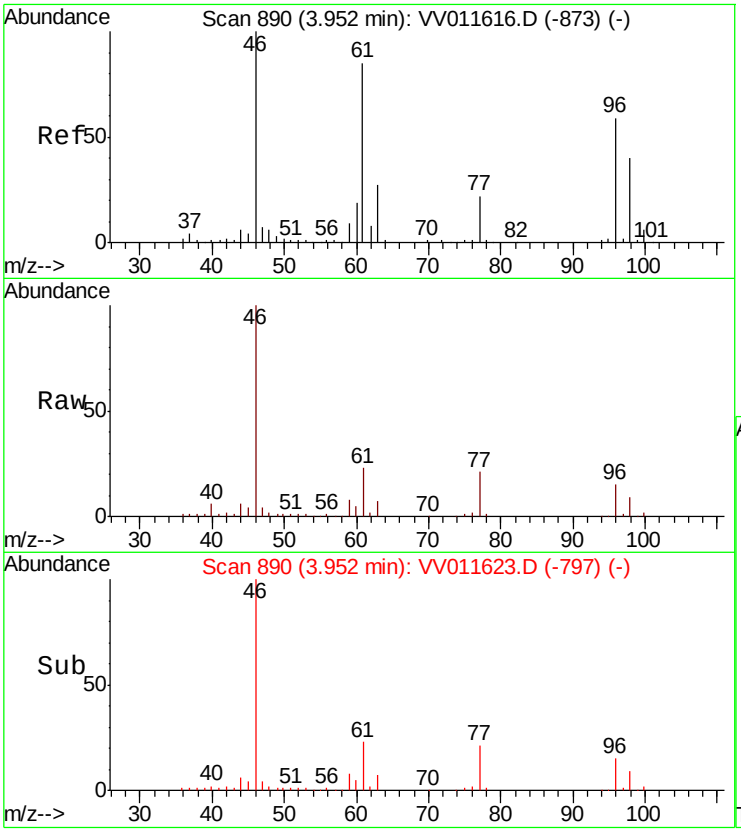


#19
1,1-Dichloroethane
Concen: 0.114 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 63 Resp: 2571

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.5	41.9
83	14.9	10.1	18.9



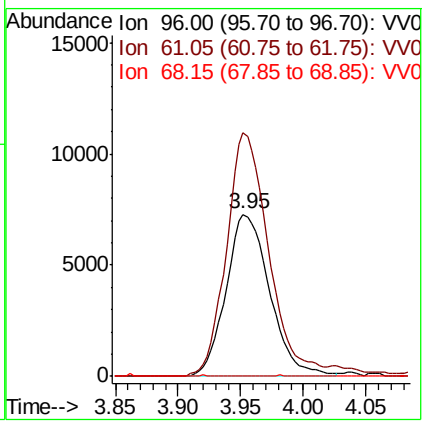


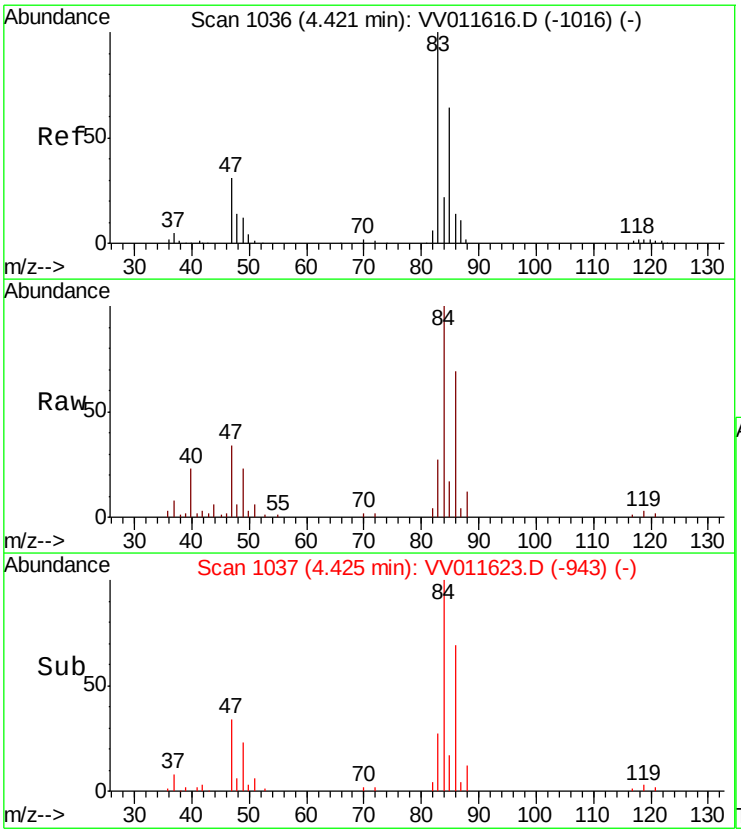
#22
cis-1,2-Dichloroethene
Concen: 1.431 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 96 Resp: 17600

Ion	Ratio	Lower	Upper
96	100		
61	150.5	102.2	189.8
68	0.0	0.0	0.0

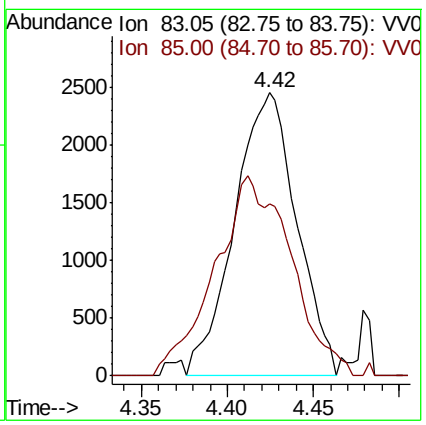


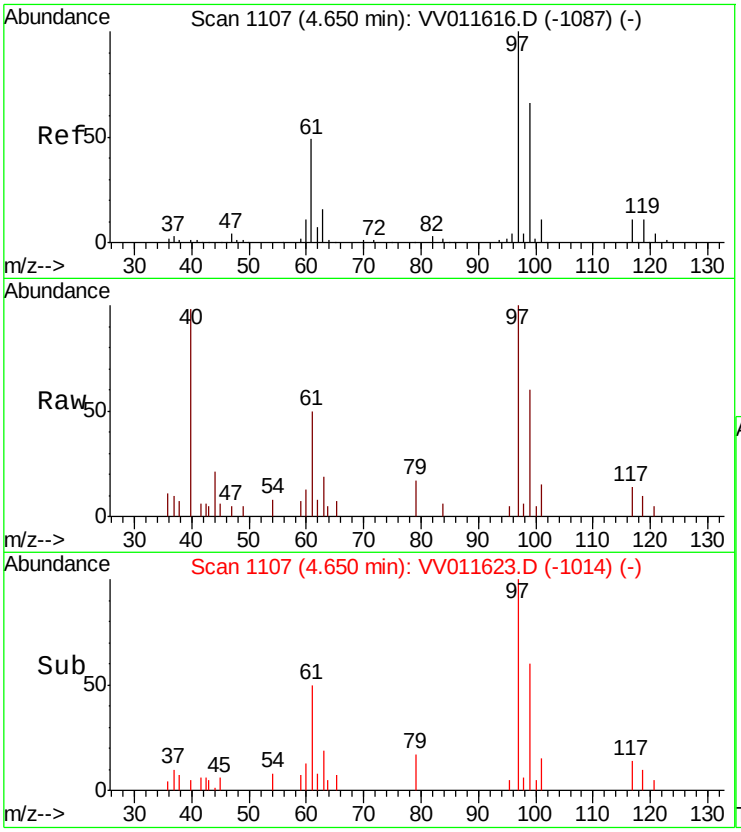


#25
Chloroform
Concen: 0.273 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 83 Resp: 6157

Ion	Ratio	Lower	Upper
83	100		
85	60.7	44.6	82.8



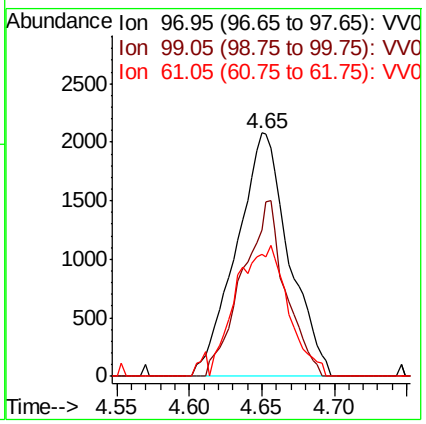


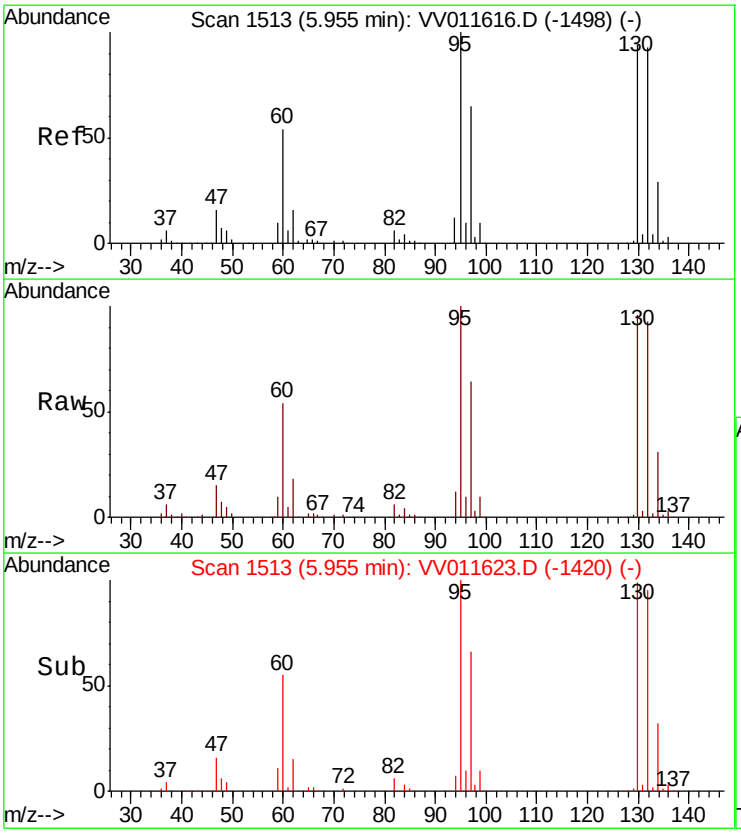
#29
1,1,1-Trichloroethane
Concen: 0.293 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 97 Resp: 5240

Ion	Ratio	Lower	Upper
97	100		
99	59.8	51.6	77.4
61	53.2	40.4	60.6

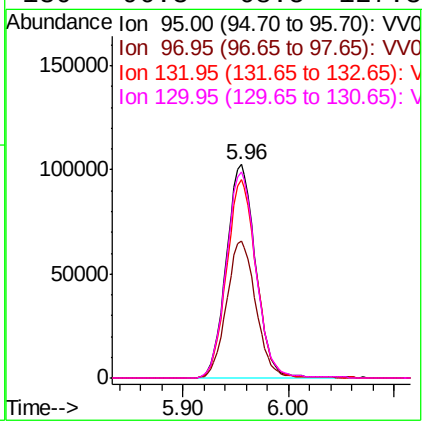


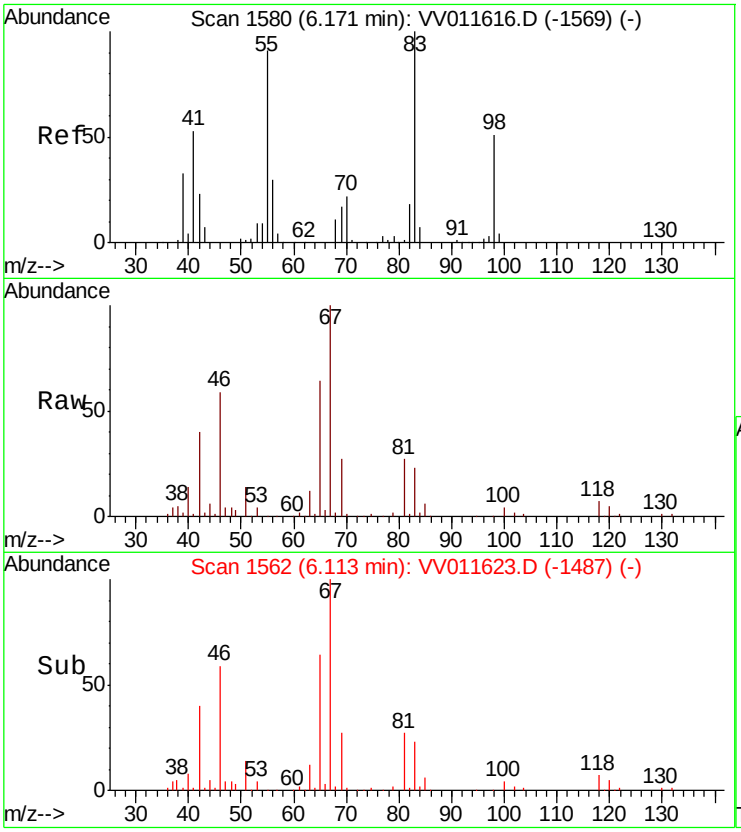


#34
Trichloroethene
Concen: 16.520 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 95 Resp: 197803

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	92.8	63.5	117.9
130	96.3	68.5	127.3



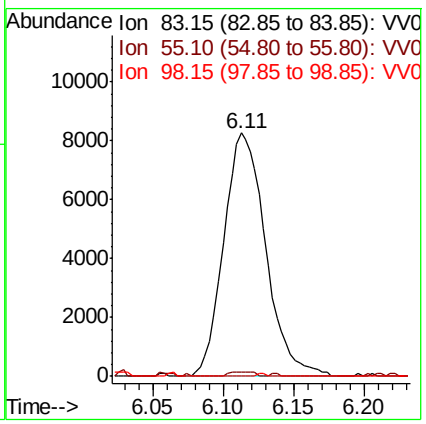


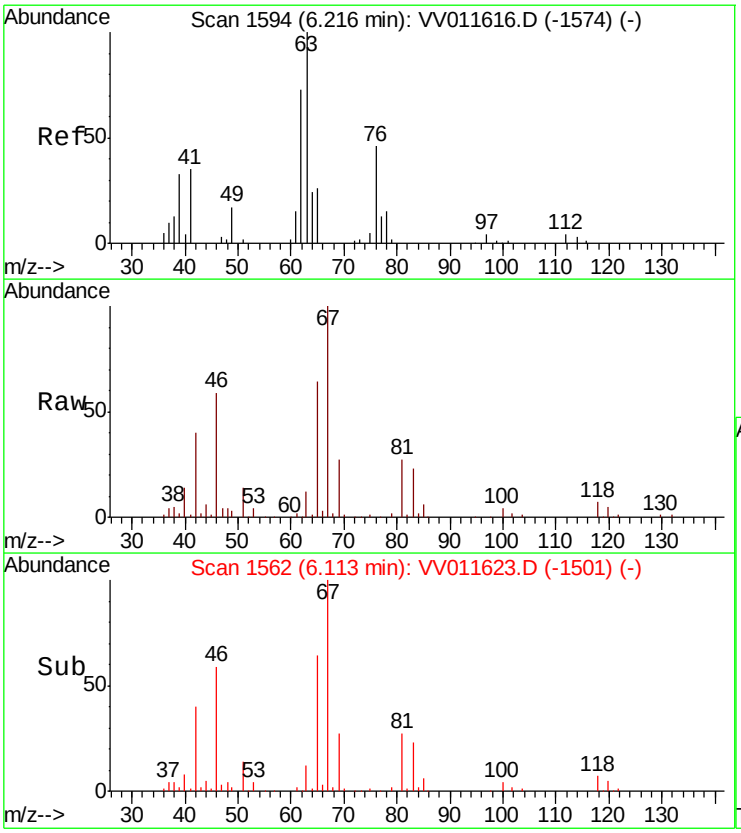
#35
Methylcyclohexane
Concen: 1.007 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion: 83 Resp: 17183

Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.9	101.9#
98	0.0	39.6	59.4#

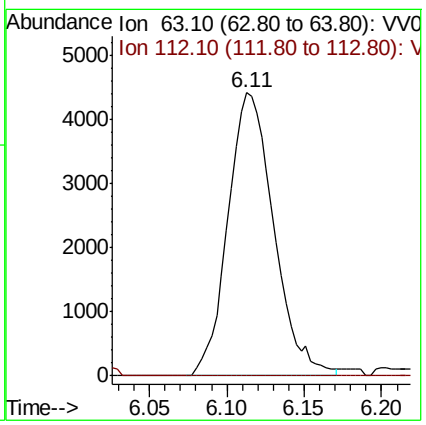


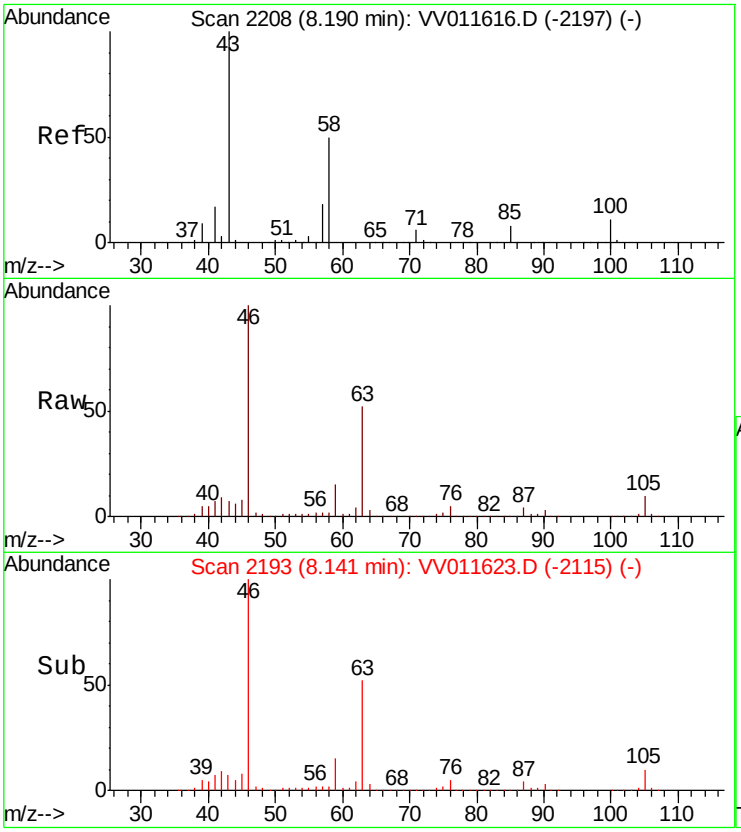


#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion: 63 Resp: 9095

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



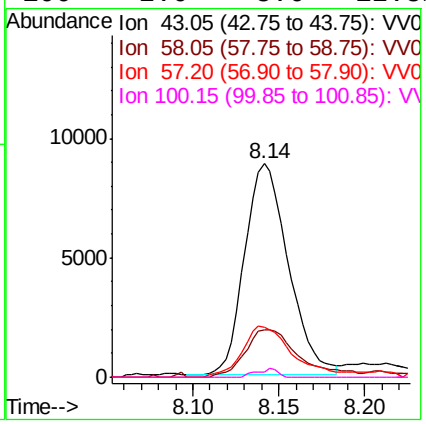


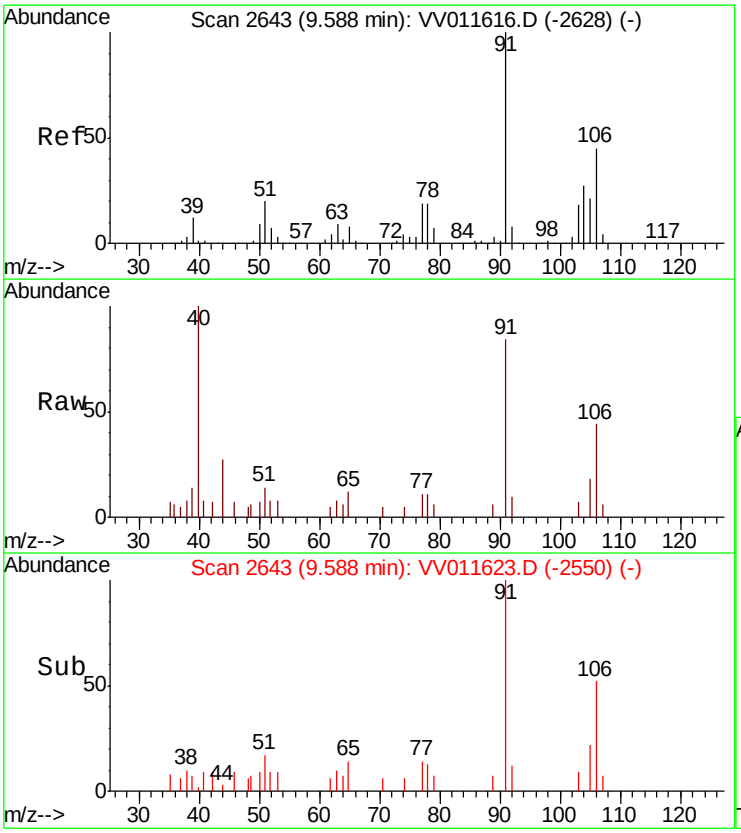
#48
2-Hexanone
Concen: 2.490 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument : MSVOA_V
ClientSampleId : C0M88DL

Tgt Ion: 43 Resp: 15594

Ion	Ratio	Lower	Upper
43	100		
58	28.0	40.6	60.8#
57	28.2	14.2	21.4#
100	2.0	8.6	12.8#

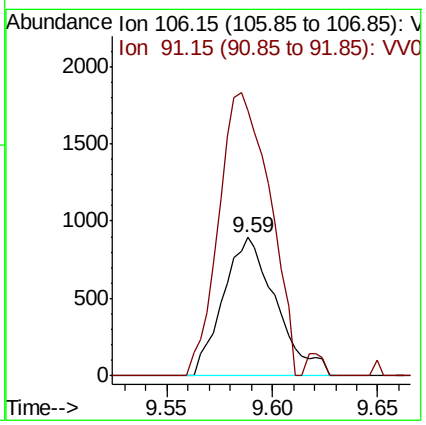


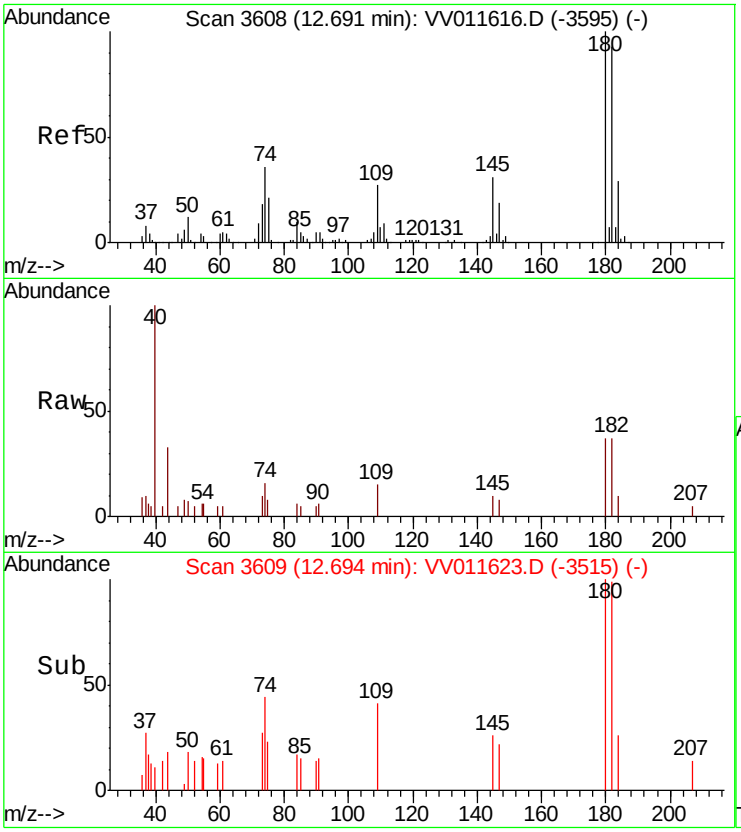


#54
o-xylene
Concen: 0.083 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion:106 Resp: 1559

Ion	Ratio	Lower	Upper
106	100		
91	192.5	158.8	294.8



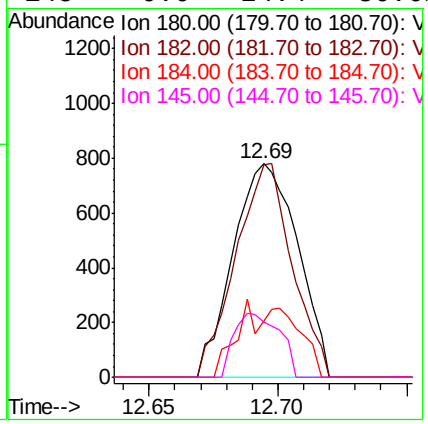


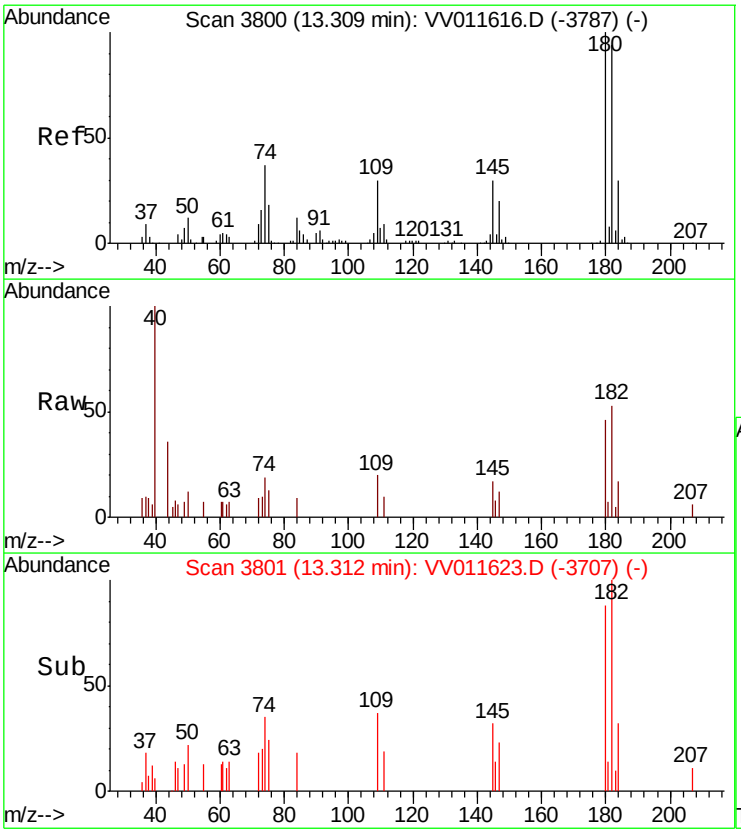
#67
1,3,5-Trichlorobenzene
Concen: 0.099 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion:180 Resp: 1361

Ion	Ratio	Lower	Upper
180	100		
182	87.4	75.4	113.0
184	16.6	24.0	36.0#
145	0.0	24.4	36.6#

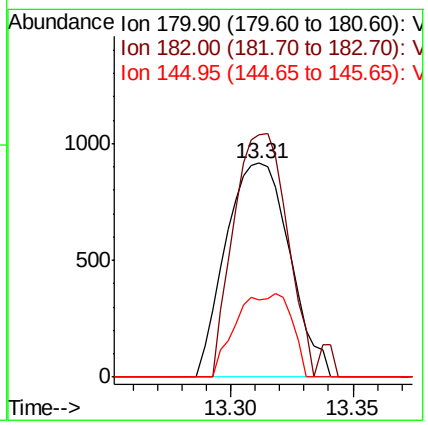


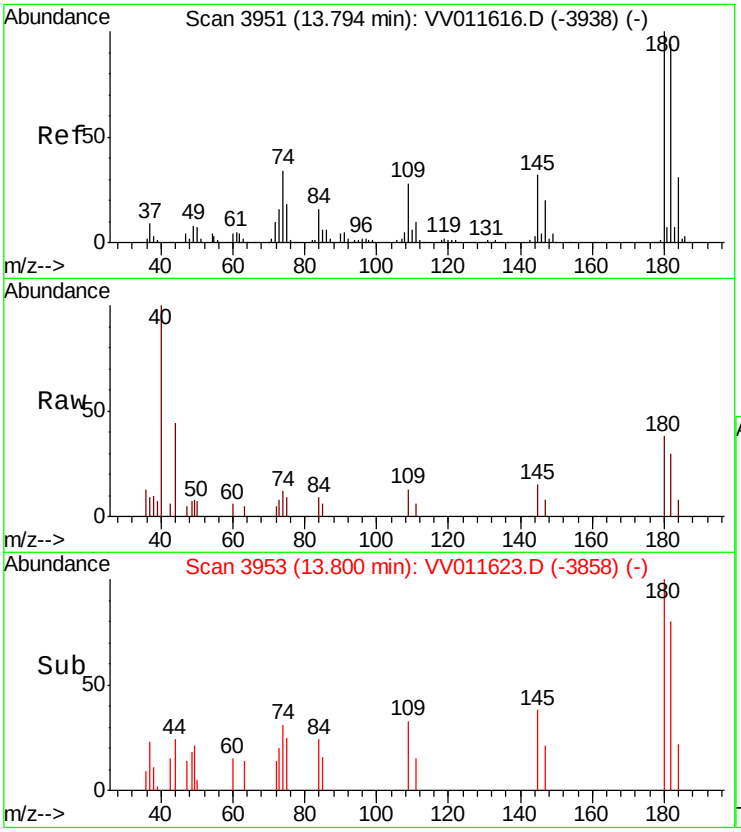


#68
1,2,4-trichlorobenzene
Concen: 0.151 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Tgt Ion:180 Resp: 1671

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	33.9	24.7	37.1





#70
1,2,3-Trichlorobenzene
Concen: 0.125 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.01 min
Lab File: VV011623.D
Acq: 19 Jun 2019 17:41

Instrument :
MSVOA_V
ClientSampleId :
C0M88DL

Tgt Ion:180 Resp: 1344

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	115.0
145	36.1	27.1	40.7