Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062419\
Data File : VV011728.D
Acq On : 24 Jun 2019 14:09
Operator : SY/MD
Sample : K3462-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 25 08:22:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163658	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64676	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55563	5.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.20%			
7) Chloroethane-d5	1.58	69	40796	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.12	63	85189	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	3.95	46	149343	52.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.38%			
24) Chloroform-d	4.40	84	110209	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.20%			
26) 1,2-Dichloroethane-d4	5.08	65	63913	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
32) Benzene-d6	5.09	84	235016	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	6.11	67	71854	5.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.80%			
41) Toluene-d8	7.35	98	203975	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
43) trans-1,3-Dichloropropene-	7.66	79	22561	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
46) 2-Hexanone-d5	8.13	63	113470	53.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47070	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68057	5.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	3738	0.242	ug/L	89
12) 1,1-Dichloroethene	2.13	96	1417	0.140	ug/L #	1
13) Acetone	2.21	43	4358	2.108	ug/L	96
16) Methylene chloride	2.53	84	2583	0.229	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	6816	0.521	ug/L	92
25) Chloroform	4.42	83	5157	0.198	ug/L	88
29) 1,1,1-Trichloroethane	4.64	97	1685	0.087	ug/L #	85
34) Trichloroethene	5.95	95	282478	21.478	ug/L	99
35) Methylcyclohexane	6.11	83	16935	0.798	ug/L #	14
37) 1,2-Dichloropropane	6.11	63	9039	0.718	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	2088	0.126	ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	1217	0.099	ug/L #	82
47) Tetrachloroethene	8.01	164	1072	0.109	ug/L	79
48) 2-Hexanone	8.13	43	16316	2.938	ug/L #	71
49) Dibromochloromethane	8.01	129	1093	0.136	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062419\
Data File : VV011728.D
Acq On : 24 Jun 2019 14:09
Operator : SY/MD
Sample : K3462-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 25 08:22:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062419\
Data File : VV011728.D
Acq On : 24 Jun 2019 14:09
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MSVOA_V
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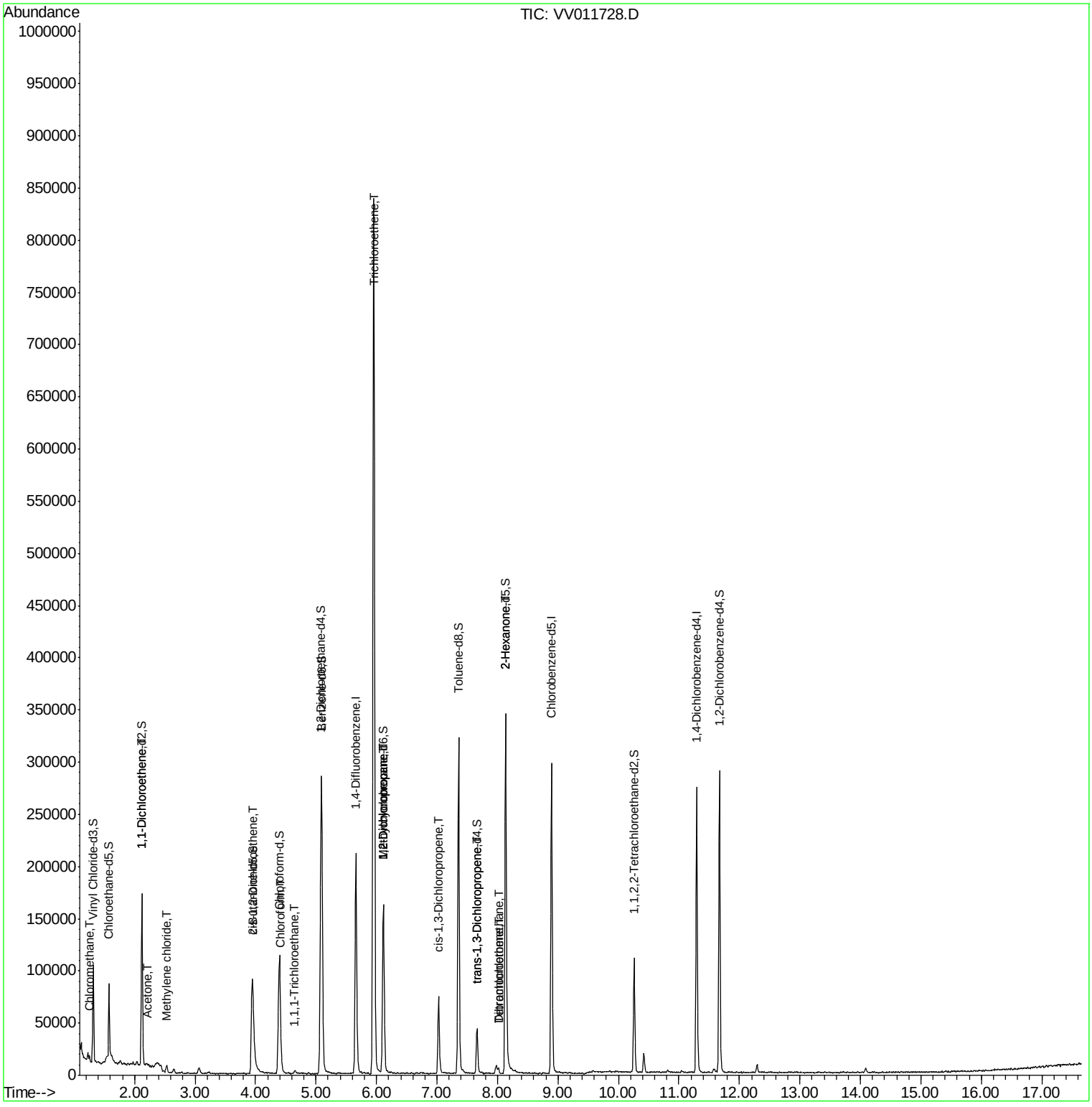
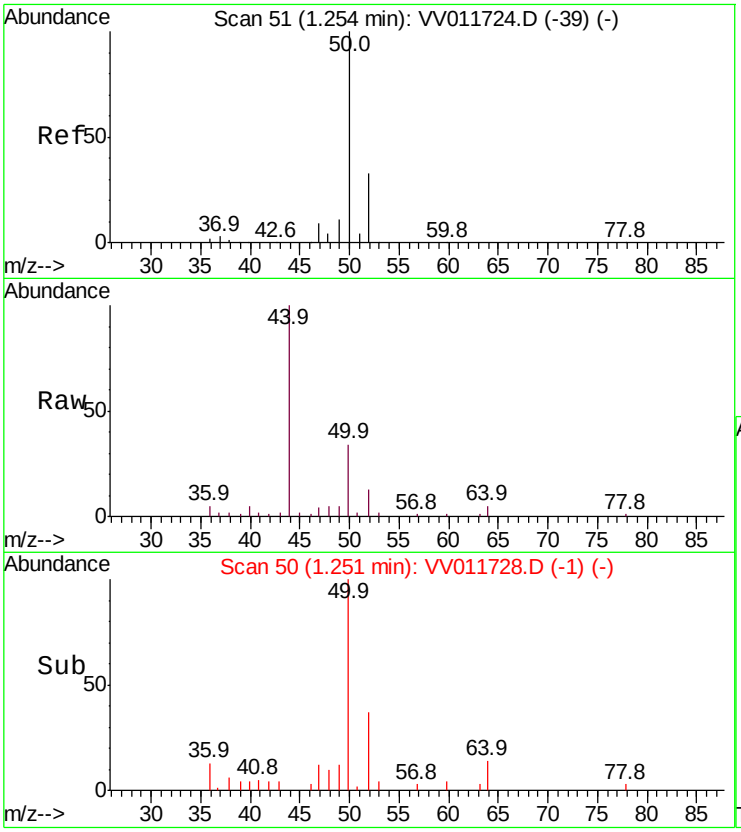
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration



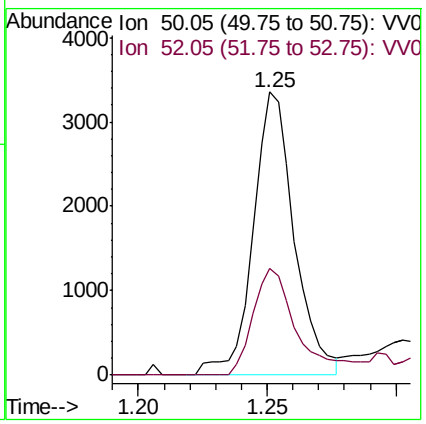


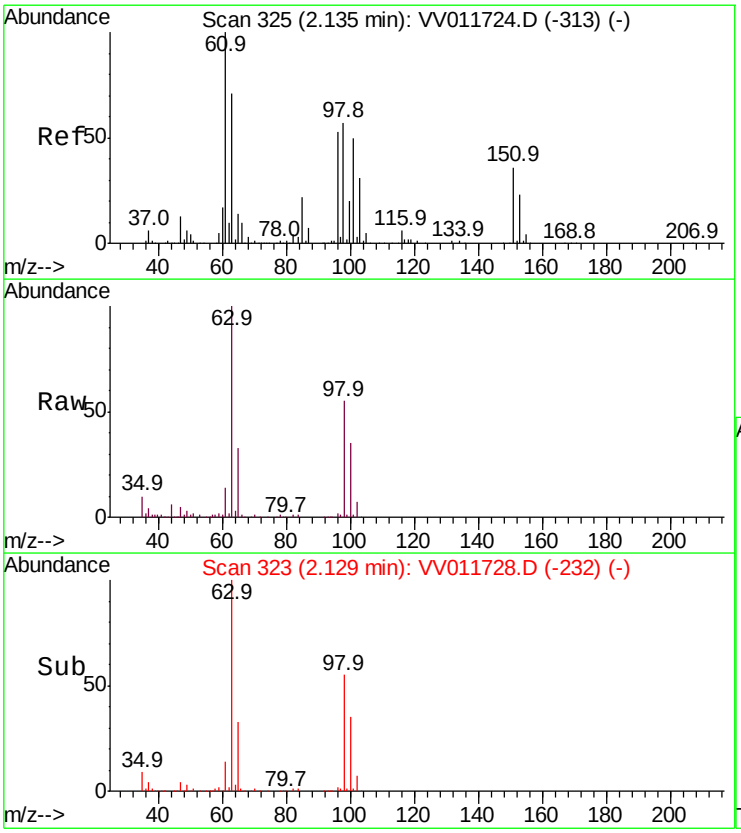
#3
Chloromethane
Concen: 0.242 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 3738

Ion	Ratio	Lower	Upper
50	100		
52	37.5	22.0	40.8

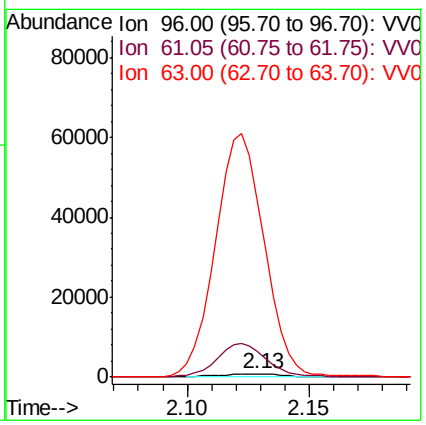


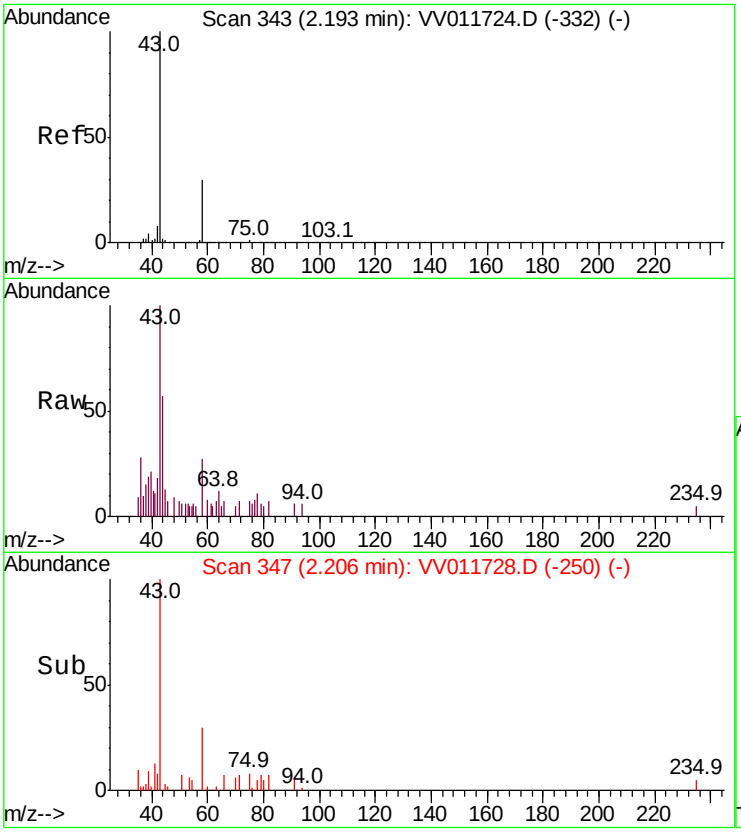


#12
1,1-Dichloroethene
Concen: 0.140 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 96 Resp: 1417

Ion	Ratio	Lower	Upper
96	100		
61	791.3	131.5	244.1#
63	5463.1	91.8	170.4#



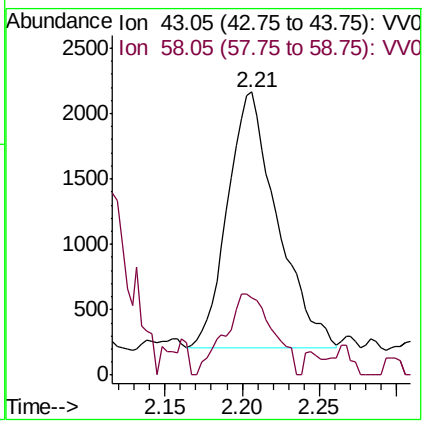


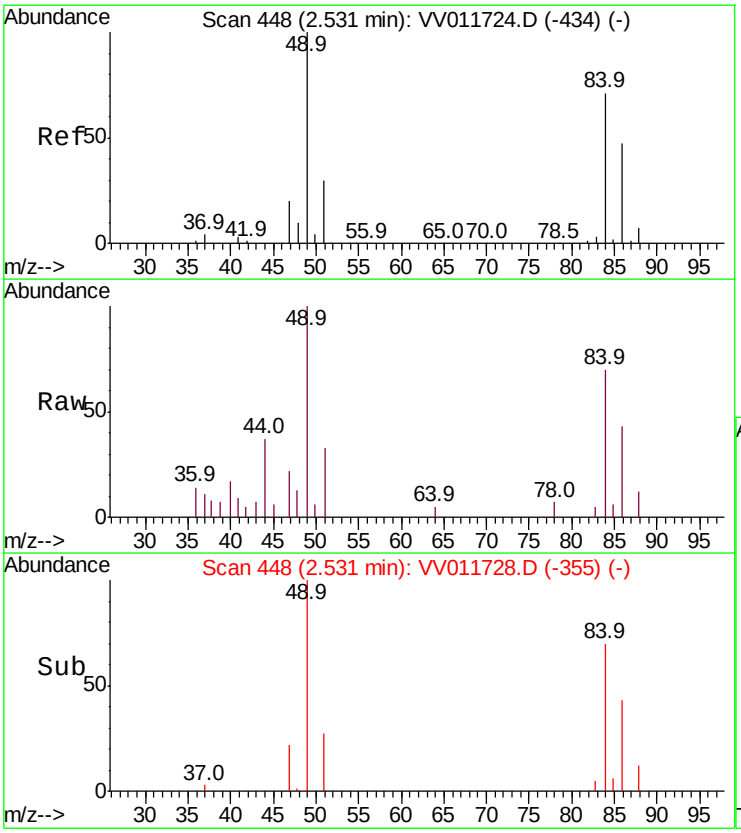
#13
Acetone
Concen: 2.108 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4358

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	56.6

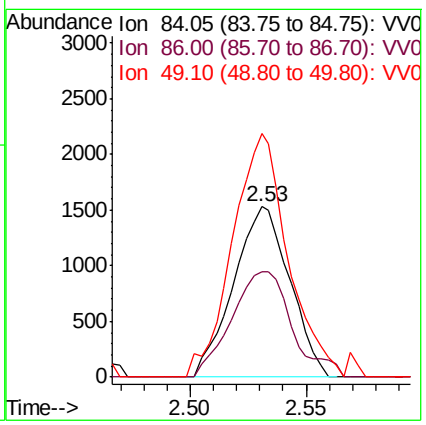


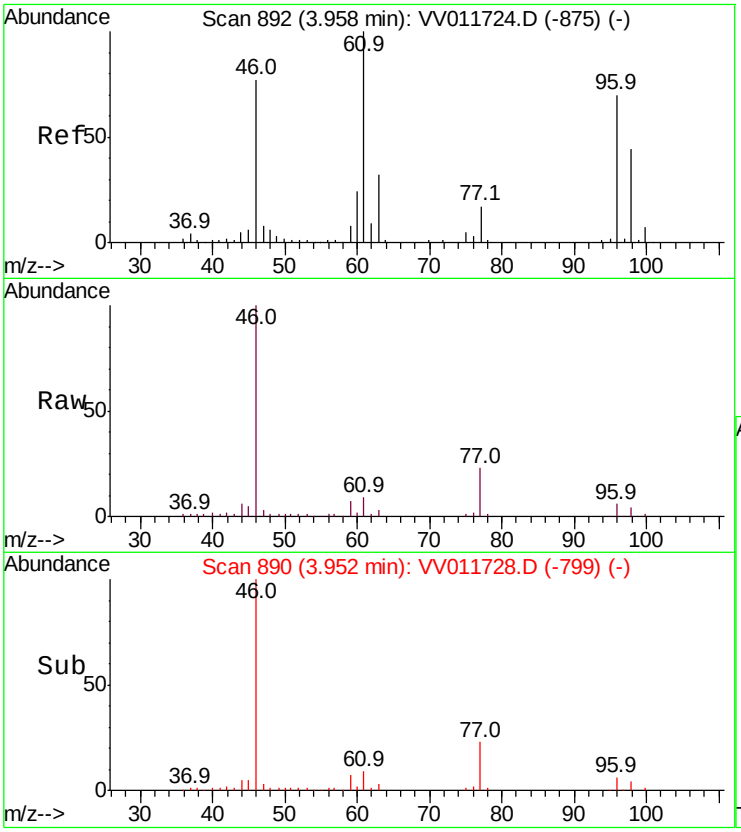


#16
Methylene chloride
Concen: 0.229 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 84 Resp: 2583

Ion	Ratio	Lower	Upper
84	100		
86	61.6	44.9	83.5
49	142.8	101.4	188.2



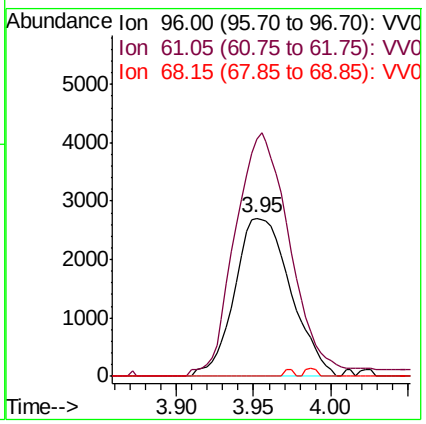


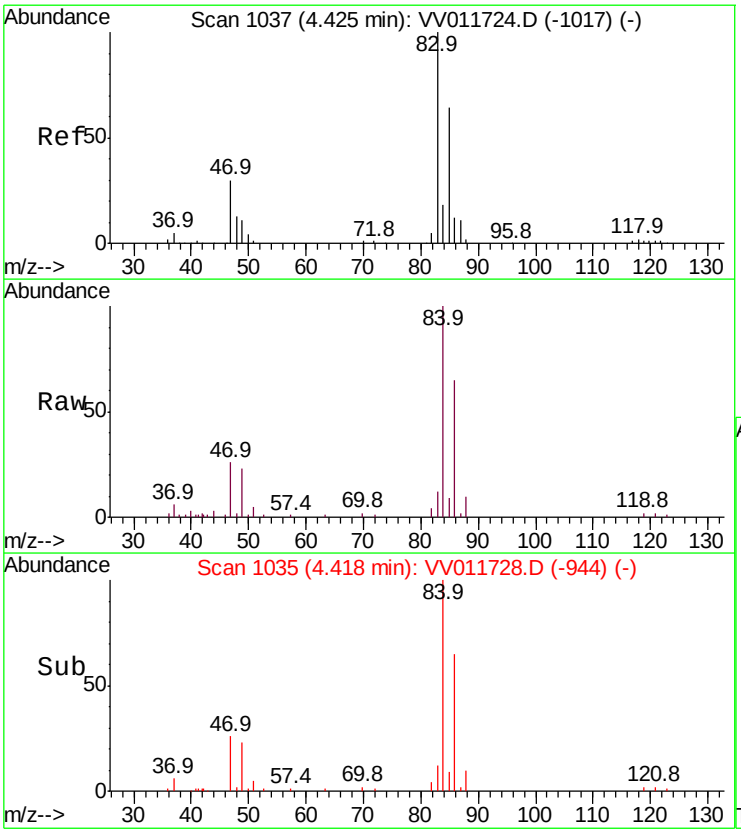
#22
cis-1,2-Dichloroethene
Concen: 0.521 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 6816

Ion	Ratio	Lower	Upper
96	100		
61	150.0	97.9	181.7
68	0.0	0.0	0.0

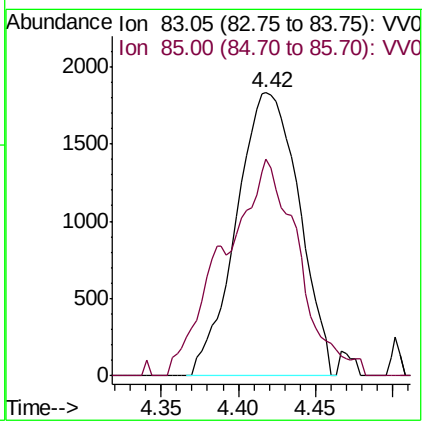


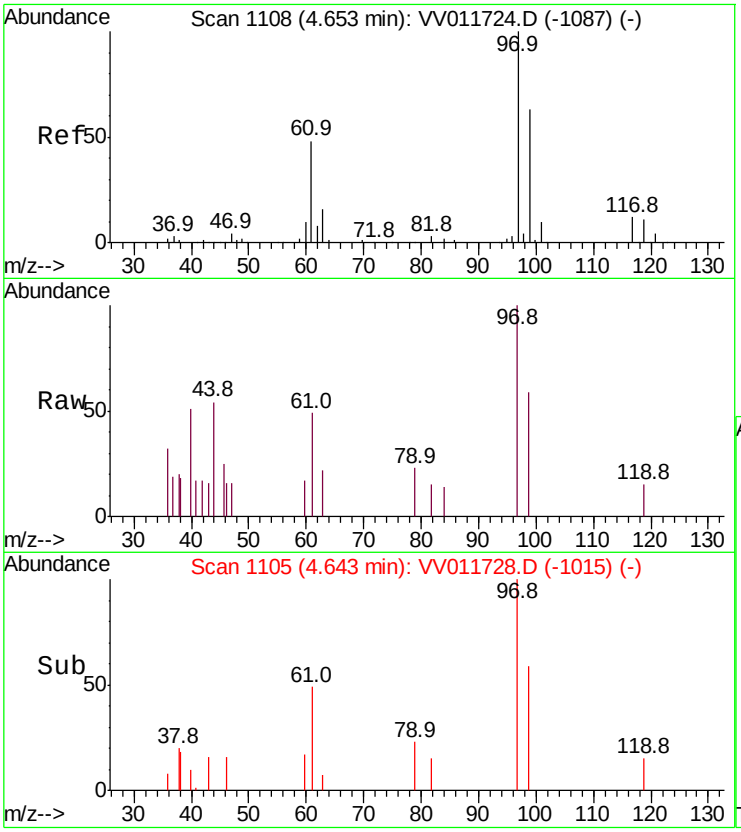


#25
Chloroform
Concen: 0.198 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 83 Resp: 5157

Ion	Ratio	Lower	Upper
83	100		
85	76.5	47.0	87.2



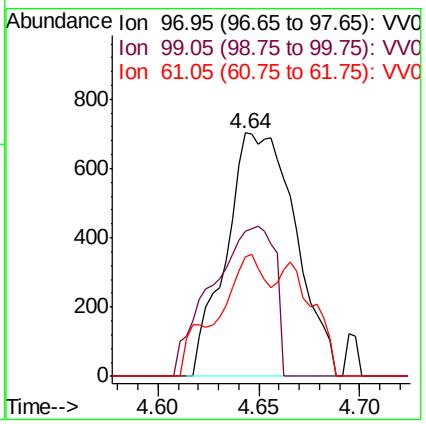


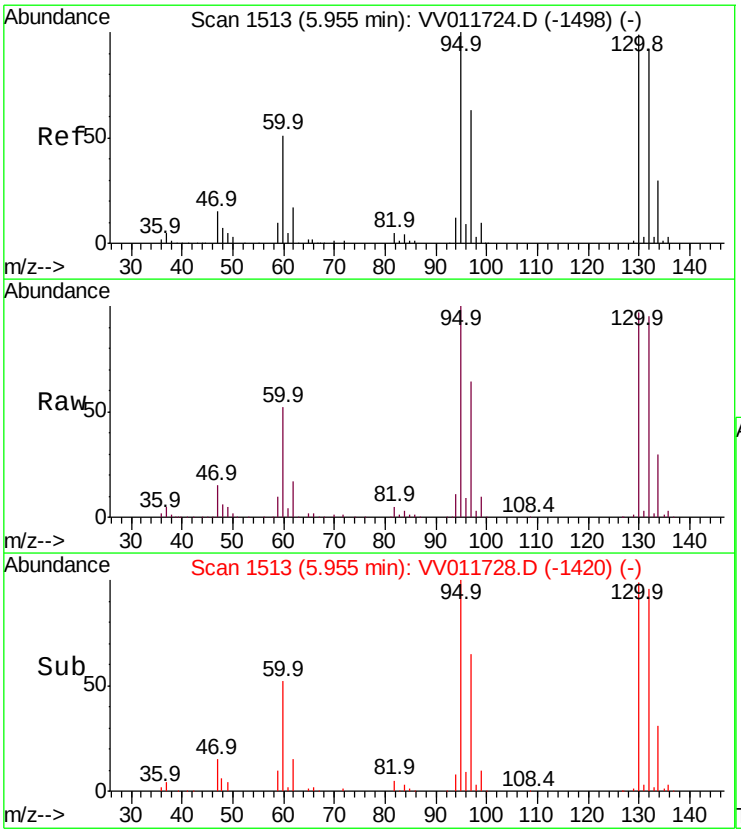
#29
1,1,1-Trichloroethane
Concen: 0.087 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1685

Ion	Ratio	Lower	Upper
97	100		
99	56.0	51.6	77.4
61	36.3	39.8	59.6#

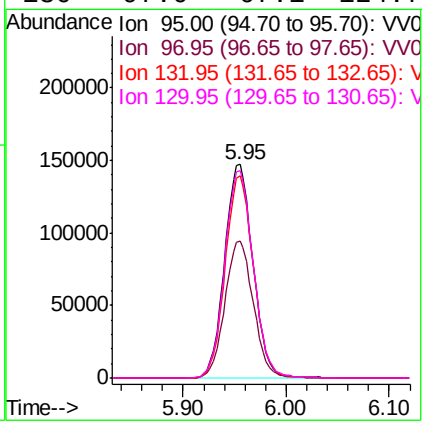


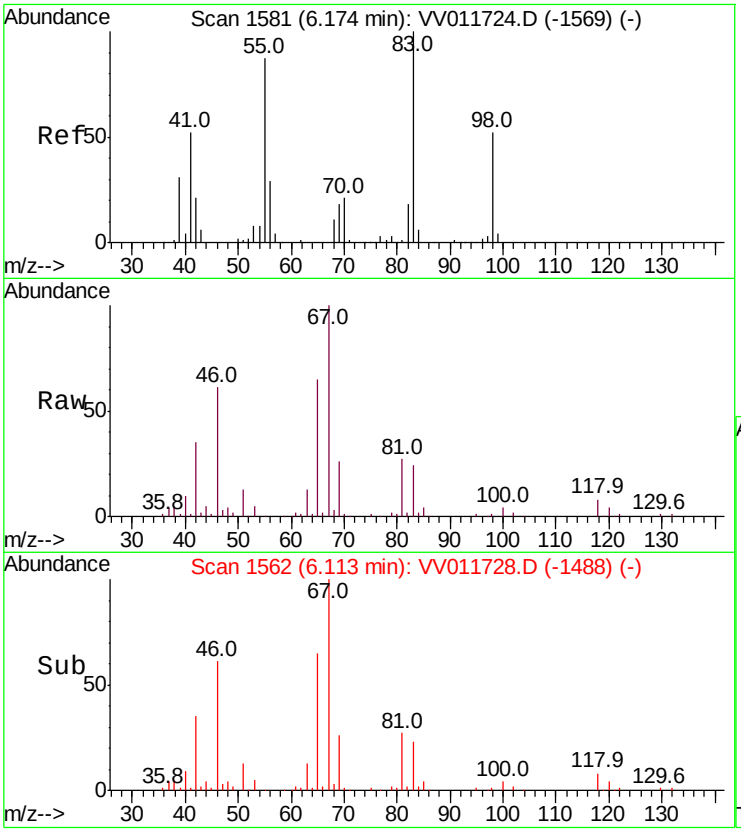


#34
Trichloroethene
Concen: 21.478 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 95 Resp: 282478

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.5
132	94.7	65.0	120.6
130	97.0	67.1	124.7



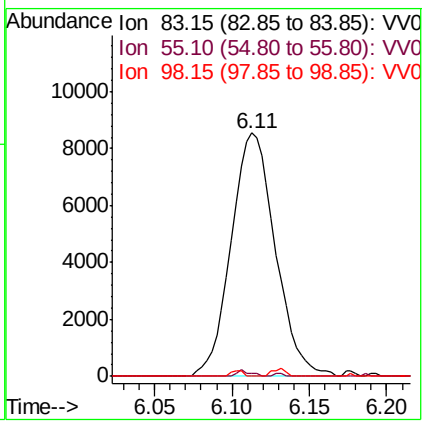


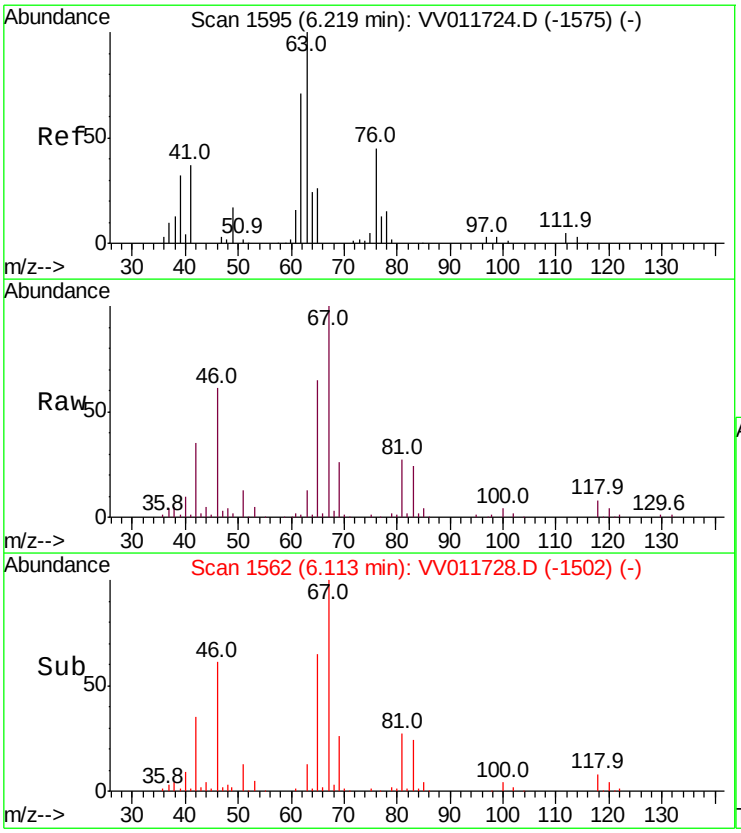
#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 16935

Ion	Ratio	Lower	Upper
83	100		
55	0.8	69.4	104.2#
98	0.0	40.2	60.4#

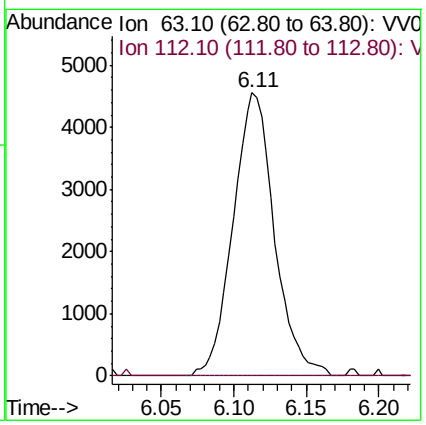


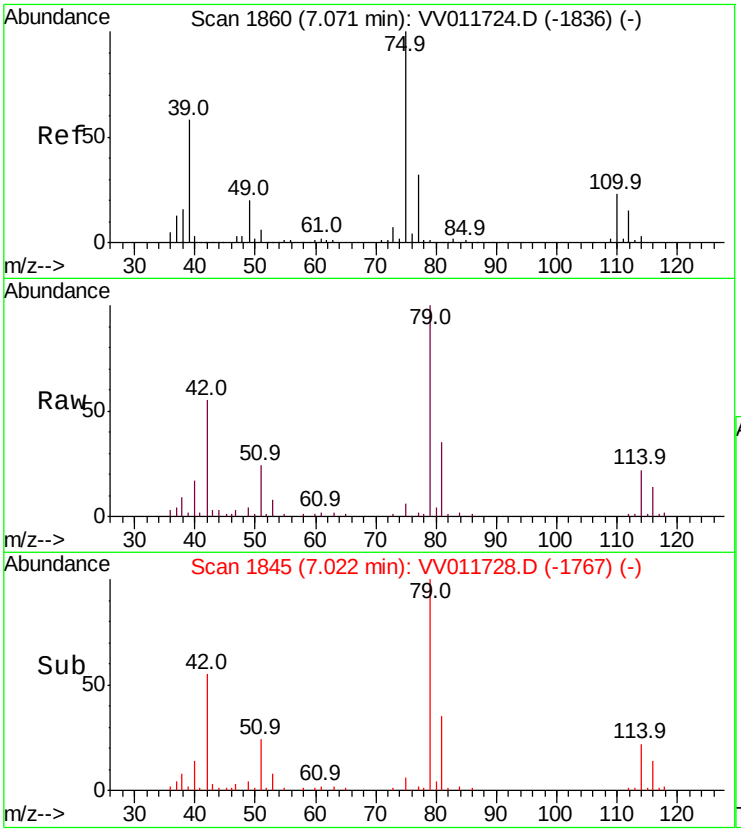


#37
1,2-Dichloropropane
Concen: 0.718 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 63 Resp: 9039

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



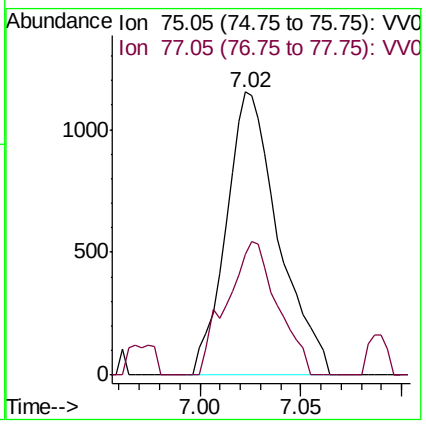


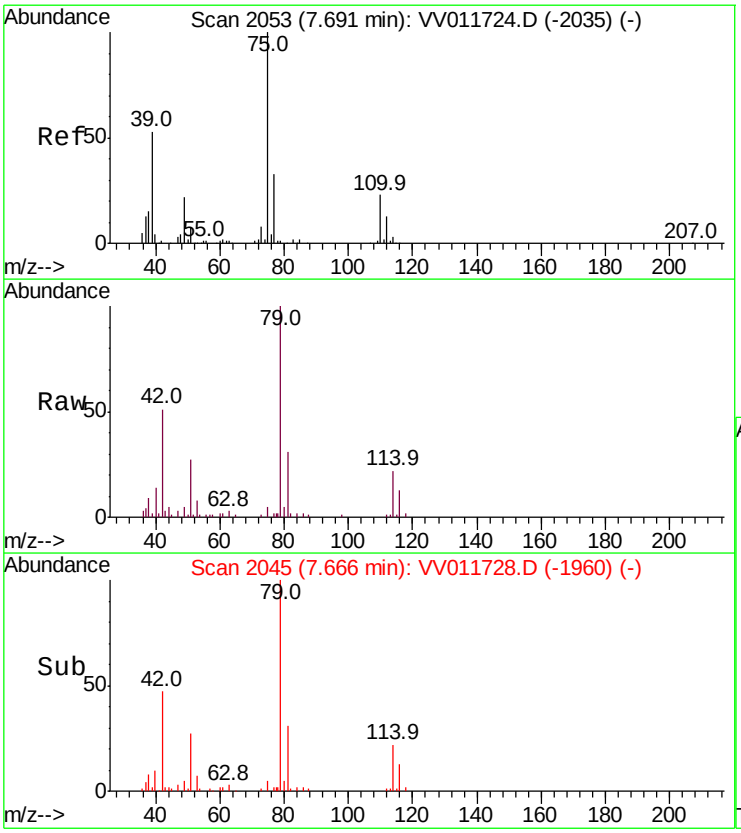
#39
cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2088

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.4	41.6#

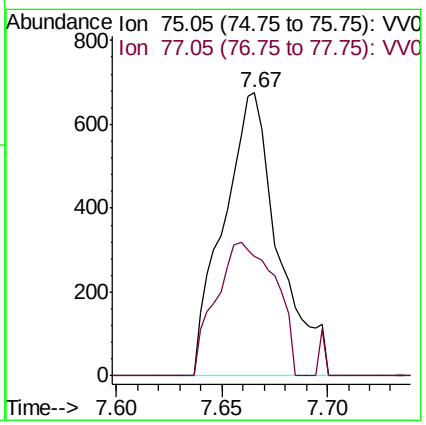


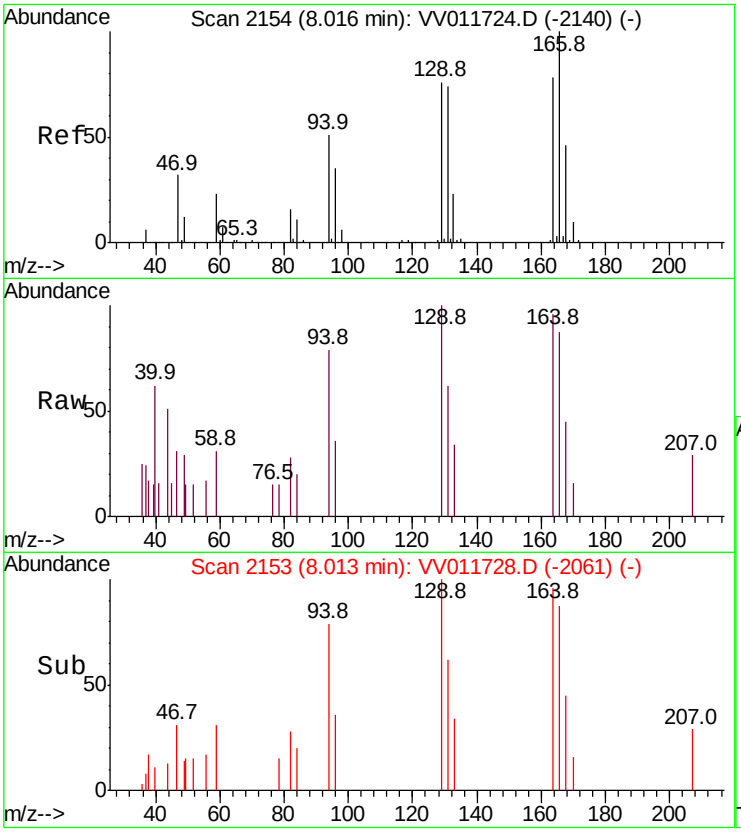


#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 75 Resp: 1217

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.7	42.1#



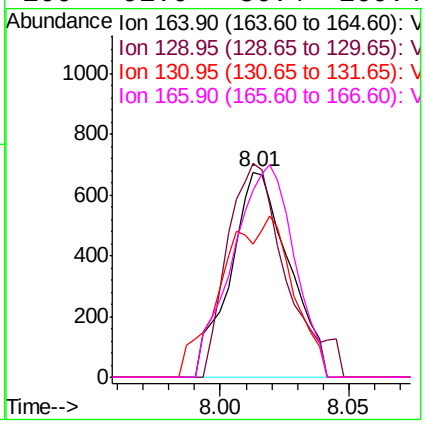


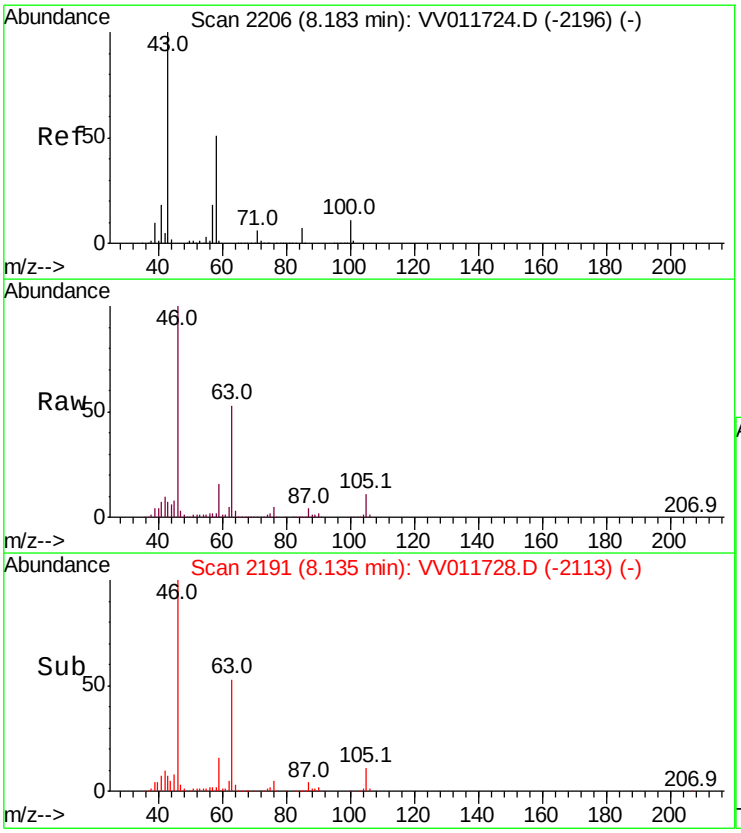
#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1072

Ion	Ratio	Lower	Upper
164	100		
129	104.3	69.7	129.5
131	64.9	64.6	120.0
166	91.0	86.4	160.4

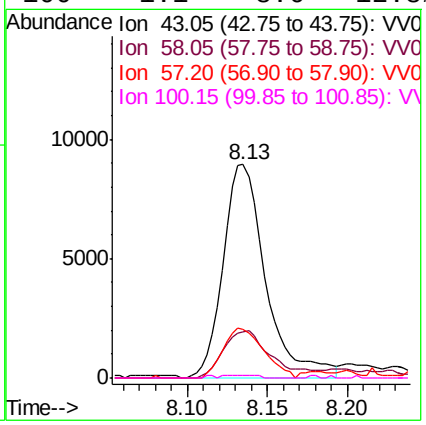


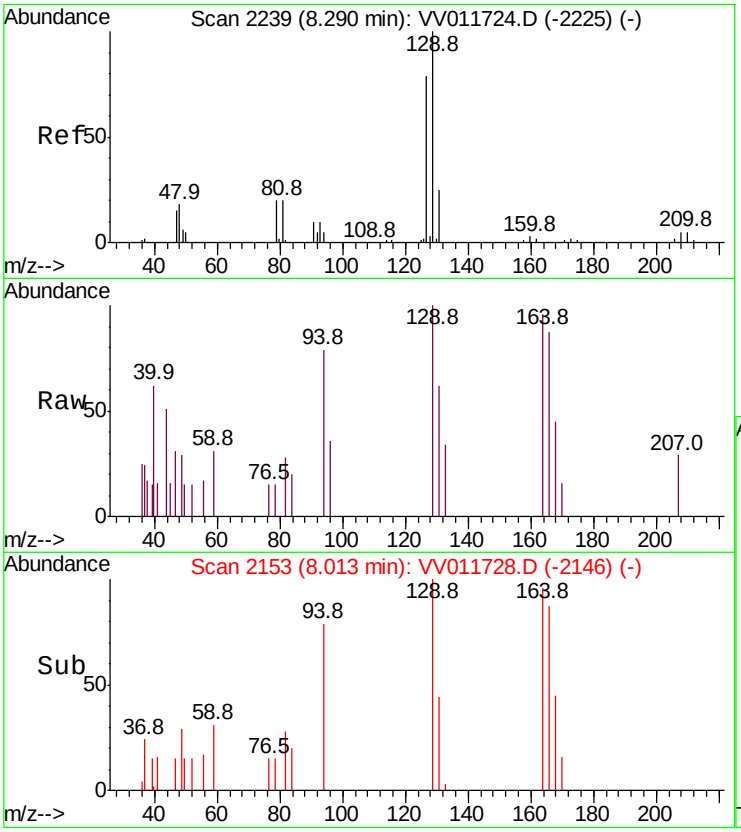


#48
2-Hexanone
Concen: 2.938 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Tgt Ion: 43 Resp: 16316

Ion	Ratio	Lower	Upper
43	100		
58	25.0	40.1	60.1#
57	22.0	14.4	21.6#
100	1.1	8.6	12.8#





#49
Dibromochloromethane
Concen: 0.136 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.28 min
Lab File: VV011728.D
Acq: 24 Jun 2019 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 1093

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#