Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

Quantitation Report (Not Reviewed)

Data File : VV011955.D
Acq On : 22 Jul 2019 18:47
Operator : SY/MD
Sample : K3823-18 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52J6

Quant Time: Jul 23 07:22:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139850	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34030	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.59	69	27369	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.13	63	54700	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	3.96	46	108667	51.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.30%			
24) Chloroform-d	4.40	84	89282	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.08	65	49354	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.10	84	181178	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.12	67	52242	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.36	98	161929	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	20354	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.14	63	86230	50.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.44%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35555	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	63685	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	573	0.081	ug/L #	15
16) Methylene chloride	2.54	84	1187	0.166	ug/L	88
25) Chloroform	4.43	83	6304	0.298	ug/L	98
35) Methylcyclohexane	6.12	83	13960	0.832	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6530	0.700	ug/L #	84
48) 2-Hexanone	8.14	43	11160	3.050	ug/L #	69
66) 1,2-Dibromo-3-chloropropan	12.69	75	215	0.192	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	1130	0.065	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	1473	0.104	ug/L	99
69) Naphthalene	13.56	128	1627	0.076	ug/L #	84
70) 1,2,3-Trichlorobenzene	13.79	180	958	0.074	ug/L	89

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

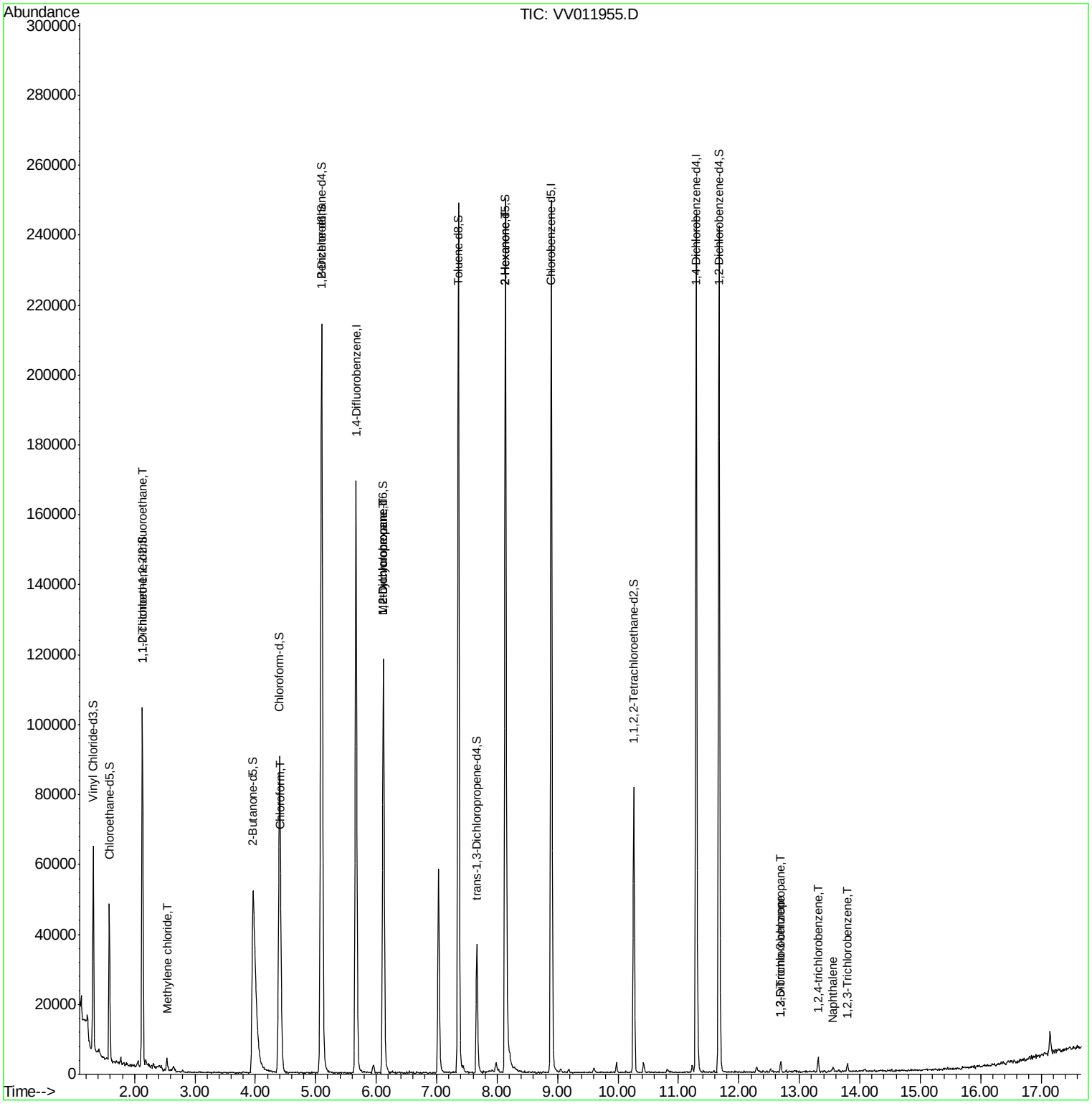
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072219\

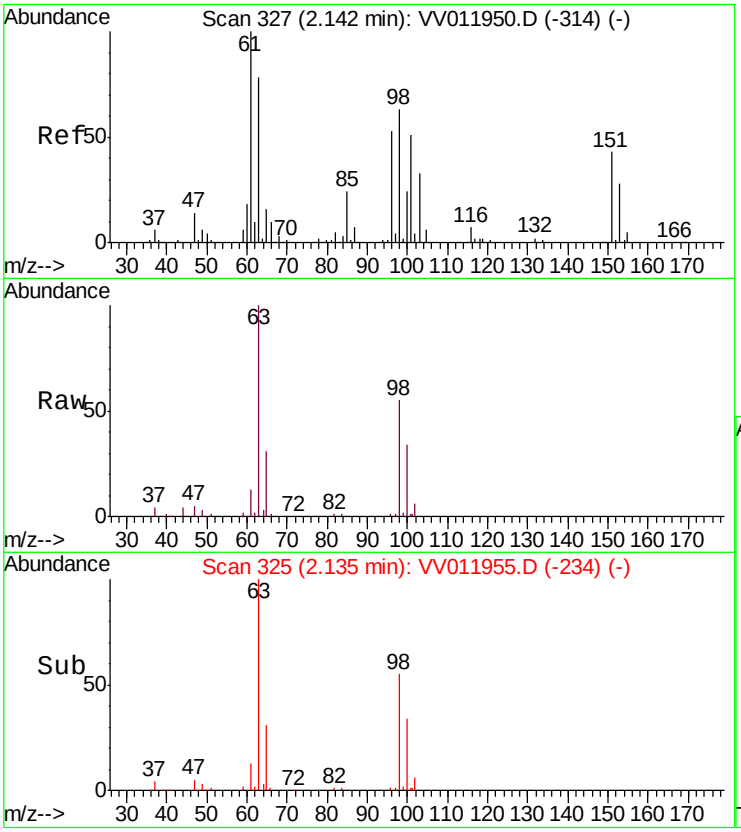
Quantitation Report (Not Reviewed)

Data File : VV011955.D
Acq On : 22 Jul 2019 18:47
Operator : SY/MD
Sample : K3823-18 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52J6

Quant Time: Jul 23 07:22:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 23 07:18:43 2019
Response via : Initial Calibration



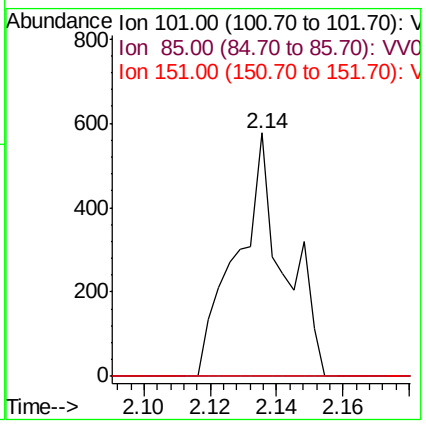


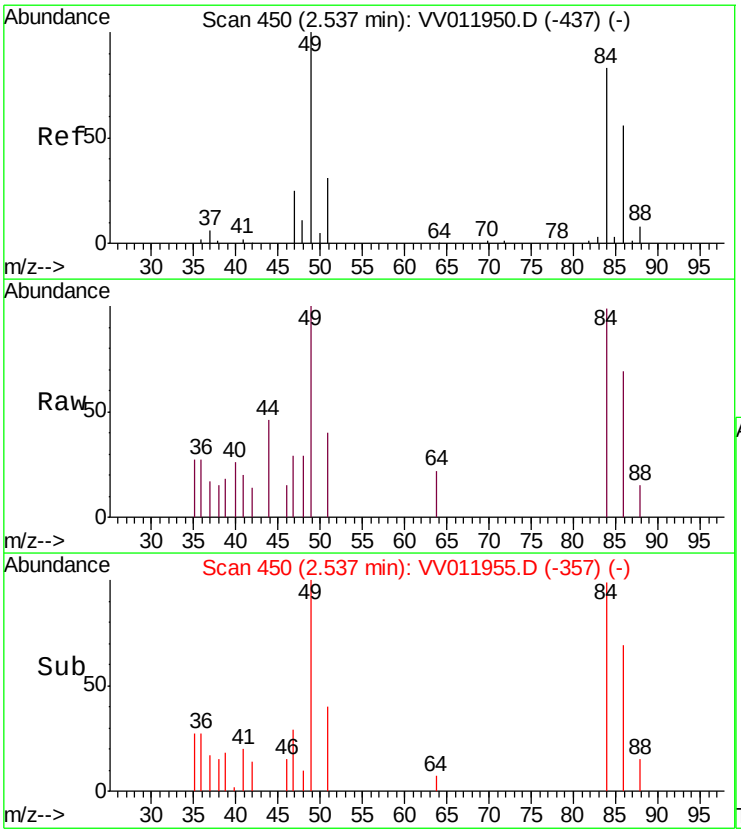
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument : MSVOA_V
ClientSampleId : A52J6

Tgt Ion:101 Resp: 573

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.0	55.6#
151	0.0	68.3	102.5#

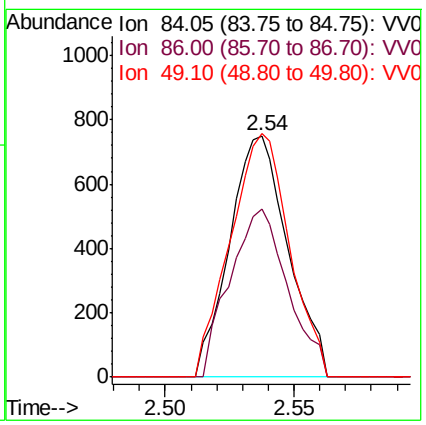


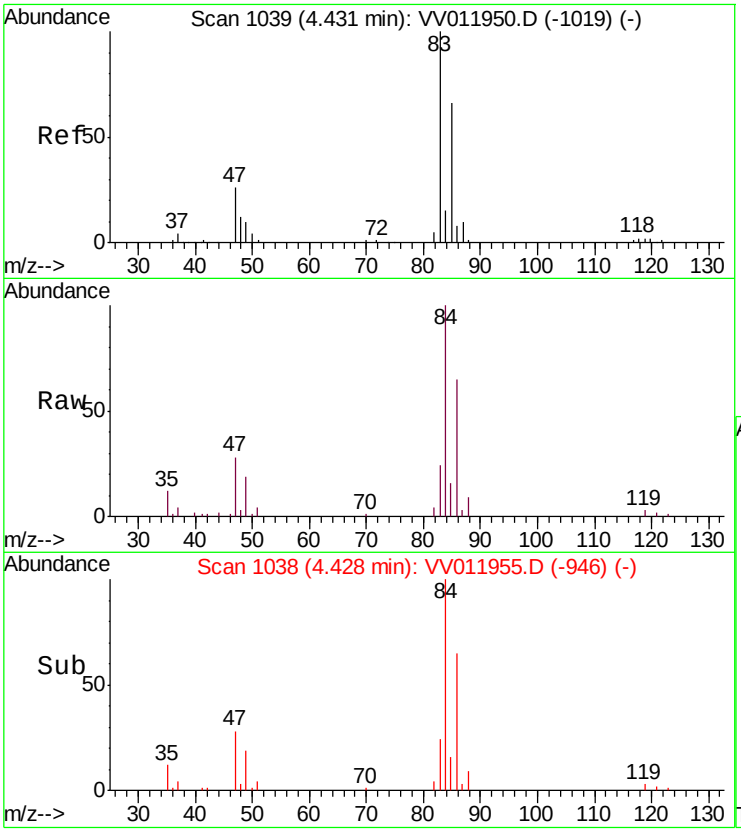


#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Tgt Ion: 84 Resp: 1187

Ion	Ratio	Lower	Upper
84	100		
86	69.5	47.6	88.4
49	100.8	84.3	156.5



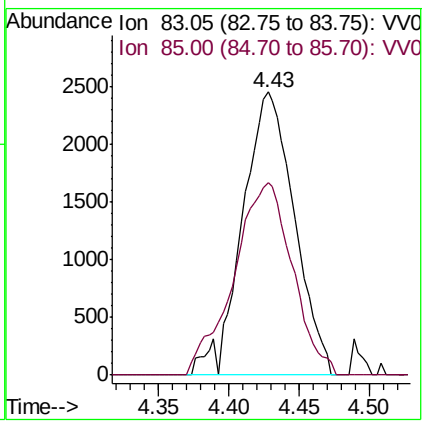


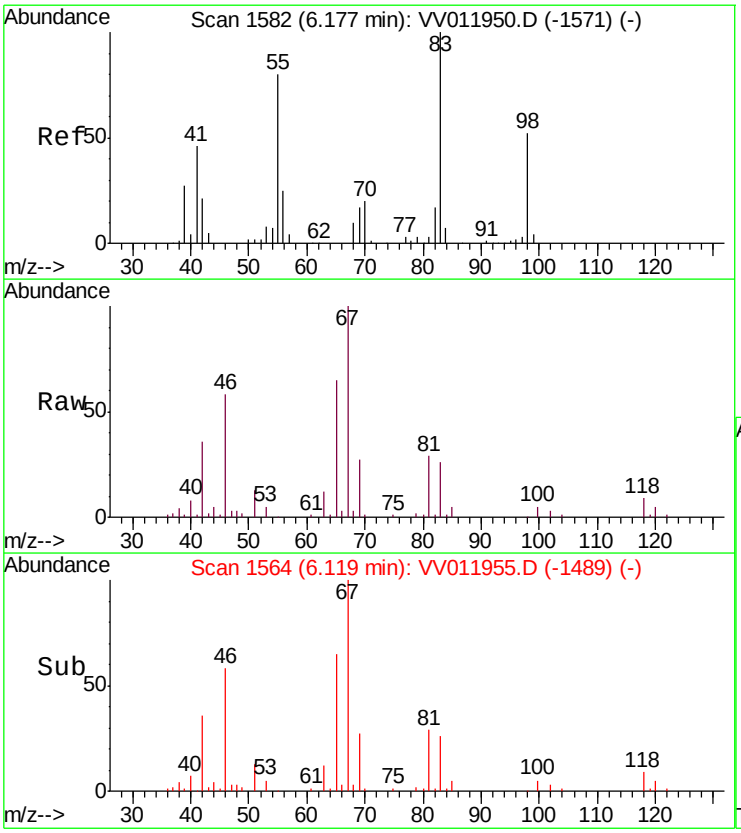
#25
Chloroform
Concen: 0.298 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
A52J6

Tgt Ion: 83 Resp: 6304

Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.5	86.3

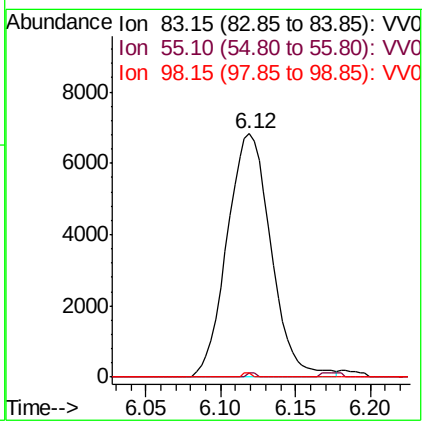


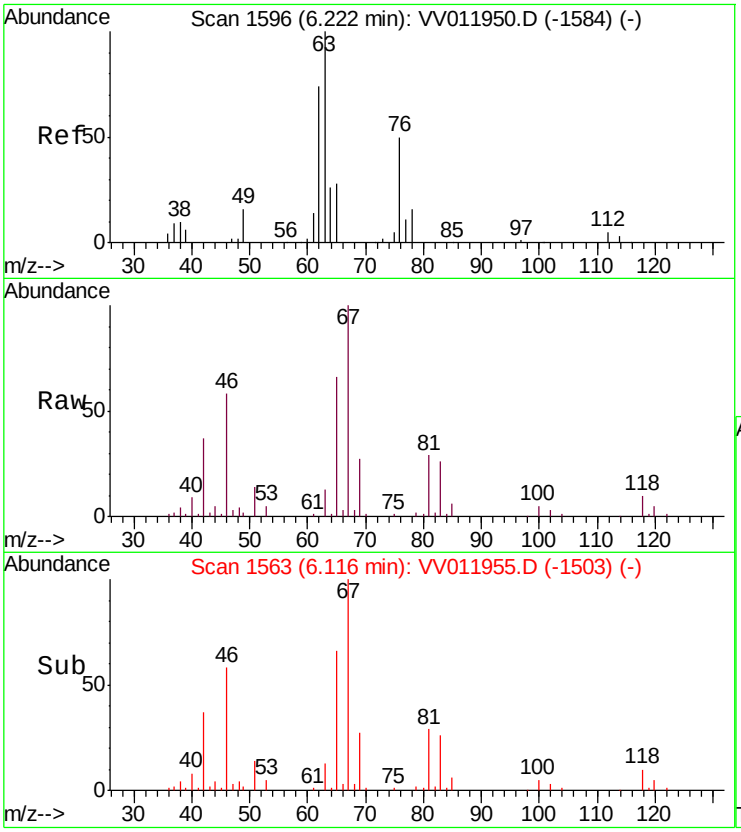


#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Tgt Ion: 83 Resp: 13960

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.0	94.4#
98	0.3	41.4	62.0#



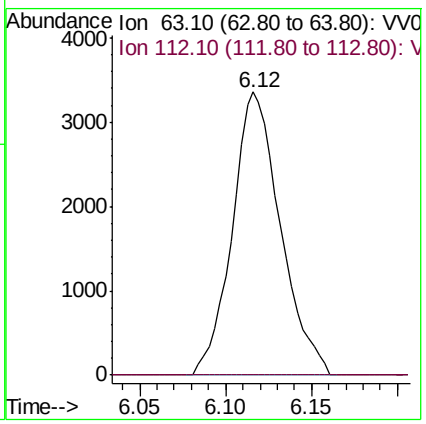


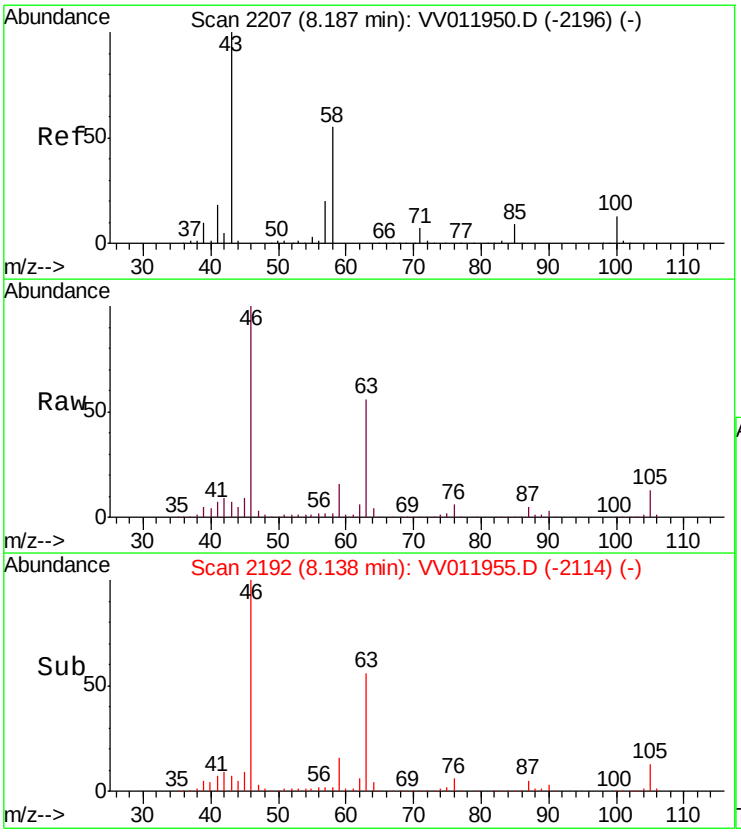
#37
1,2-Dichloropropane
Concen: 0.700 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
A52J6

Tgt Ion: 63 Resp: 6530

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

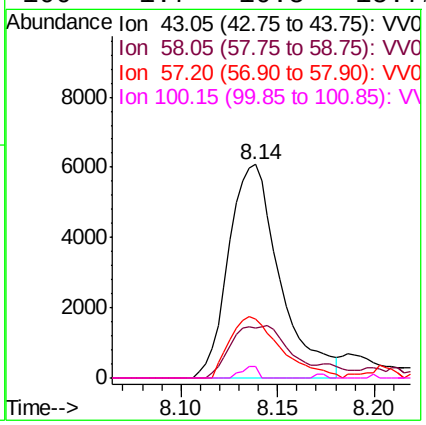


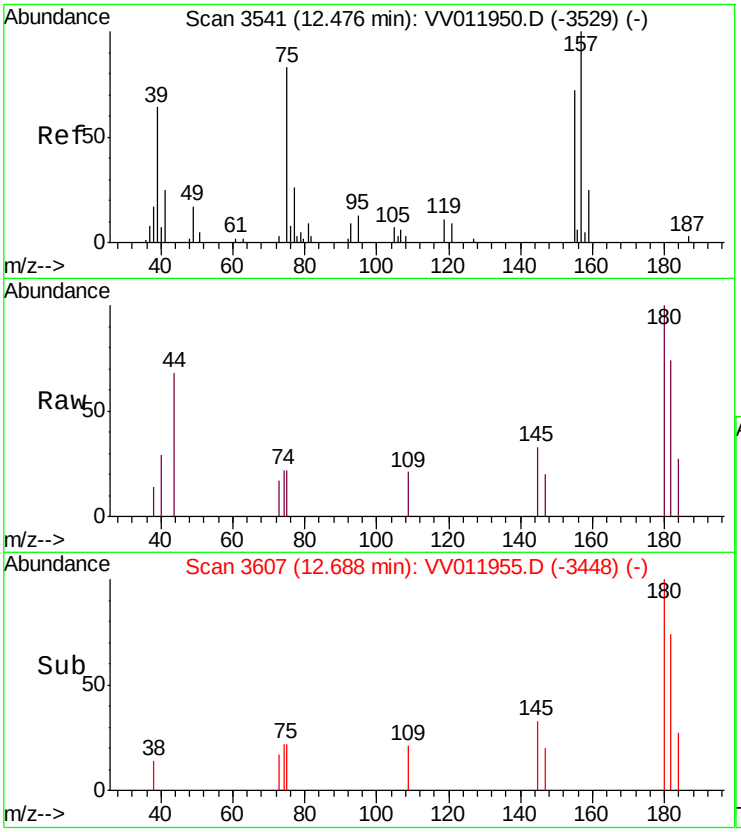


#48
2-Hexanone
Concen: 3.050 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Tgt Ion: 43 Resp: 11160

Ion	Ratio	Lower	Upper
43	100		
58	28.1	43.7	65.5#
57	28.6	16.0	24.0#
100	1.7	10.5	15.7#



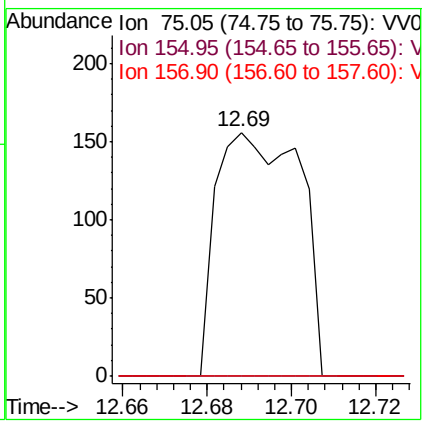


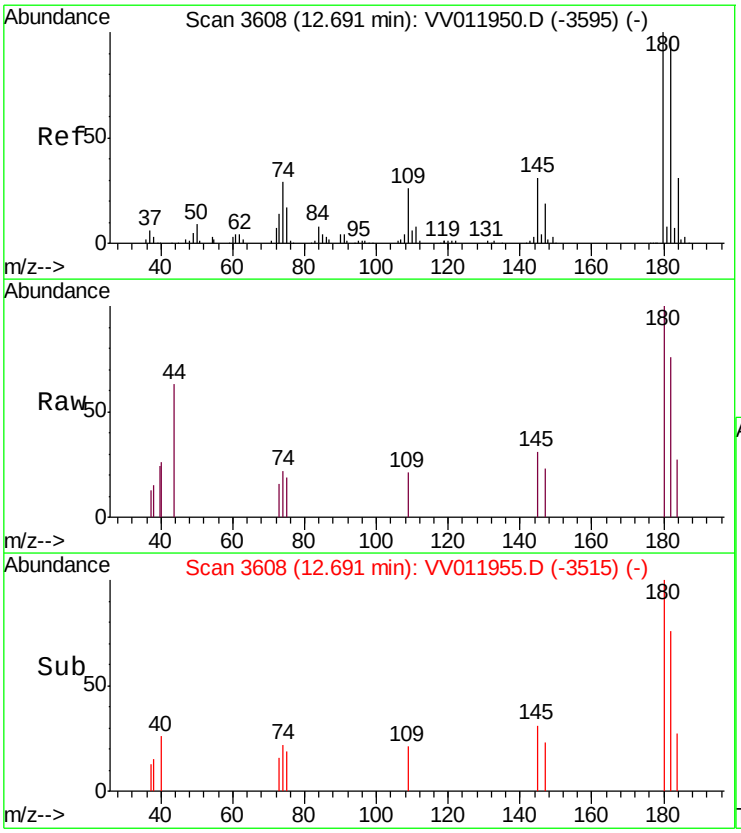
#66
1,2-Dibromo-3-chloropropane
Concen: 0.192 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.21 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument : MSVOA_V
ClientSampleId : A52J6

Tgt Ion: 75 Resp: 215

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.5	104.3#
157	0.0	96.2	144.2#

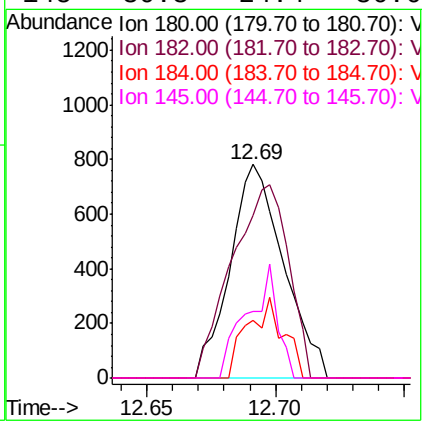


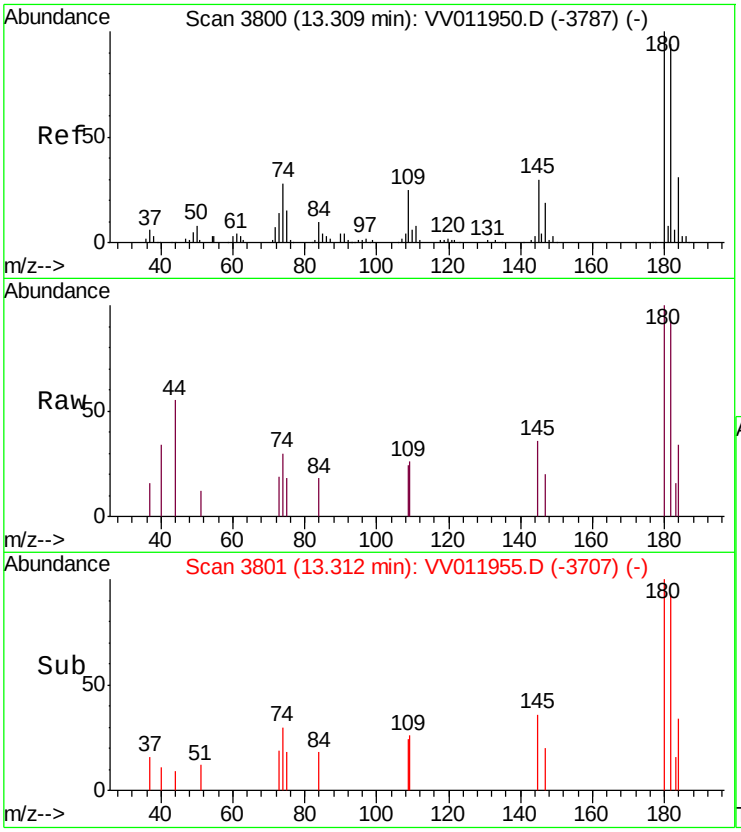


#67
1,3,5-Trichlorobenzene
Concen: 0.065 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Tgt Ion:180 Resp: 1130

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.4	116.0
184	25.3	25.2	37.8
145	30.3	24.4	36.6



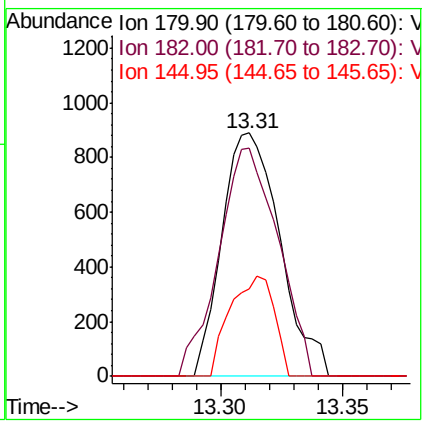


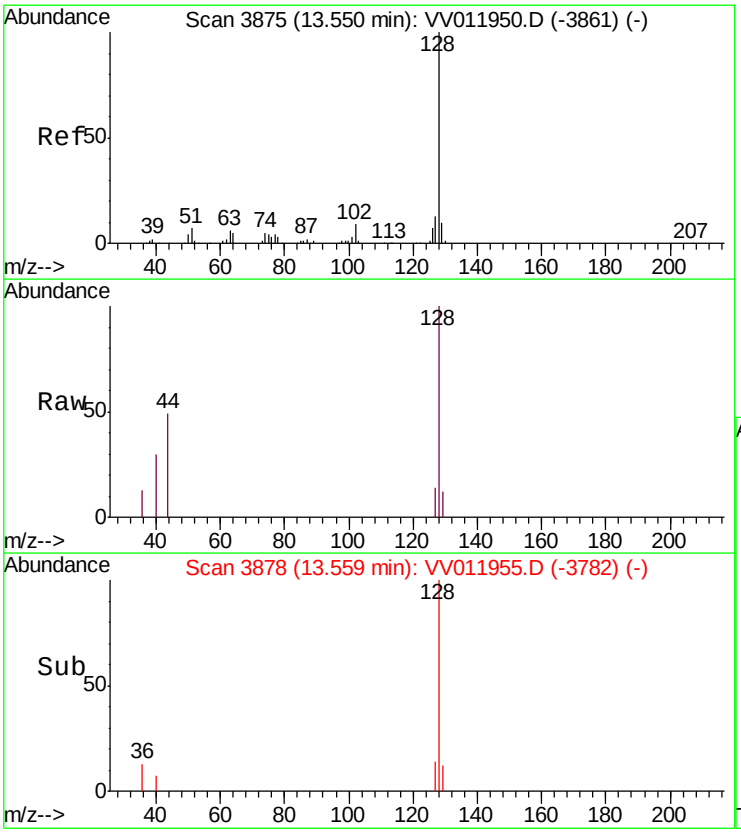
#68
1,2,4-trichlorobenzene
Concen: 0.104 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument : MSVOA_V
ClientSampleId : A52J6

Tgt Ion:180 Resp: 1473

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	31.2	23.4	35.2

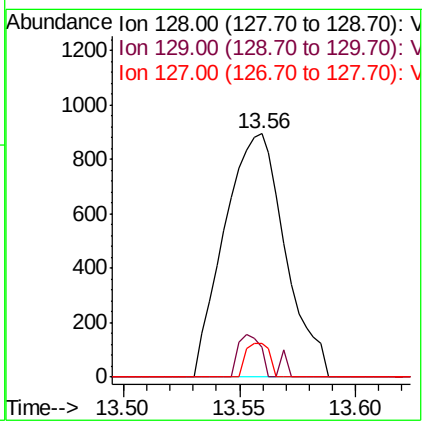


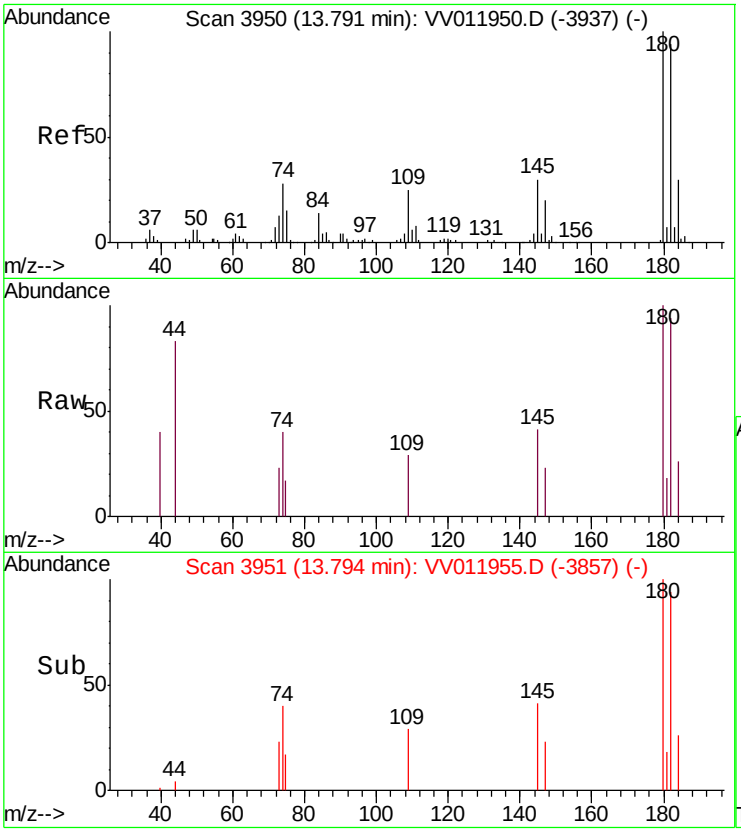


#69
Naphthalene
Concen: 0.076 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Tgt Ion:128 Resp: 1627

Ion	Ratio	Lower	Upper
128	100		
129	6.4	8.2	12.2#
127	5.4	10.8	16.2#





#70
1,2,3-Trichlorobenzene
Concen: 0.074 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV011955.D
Acq: 22 Jul 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
A52J6

Tgt Ion:180 Resp: 958

Ion	Ratio	Lower	Upper
180	100		
182	105.1	75.5	113.3
145	37.0	24.7	37.1