Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070319\

Quantitation Report (Not Reviewed)

Data File : VV011829.D
Acq On : 03 Jul 2019 14:31
Operator : SY/MD
Sample : K3598-02DL 20X
Misc : 26ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAM80DL

Quant Time: Jul 03 23:56:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192575	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80226	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50647	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.58	69	41636	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	2.13	63	74264	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	3.95	46	140420	43.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.74%			
24) Chloroform-d	4.40	84	100114	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.00%			
26) 1,2-Dichloroethane-d4	5.08	65	56075	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	5.10	84	201936	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.12	67	63661	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.40%			
41) Toluene-d8	7.36	98	171306	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
43) trans-1,3-Dichloropropene-	7.67	79	19985	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.14	63	103687	42.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41119	3.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	63334	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			

Target Compounds						Qvalue
16) Methylene chloride	2.53	84	2902	0.208	ug/L	95
25) Chloroform	4.43	83	4381	0.156	ug/L	97
35) Methylcyclohexane	6.12	83	16252	0.695	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8246	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1781	0.095	ug/L #	83
47) Tetrachloroethene	8.02	164	128485	11.434	ug/L	98
49) Dibromochloromethane	8.02	129	118196	12.347	ug/L #	11
67) 1,3,5-Trichlorobenzene	12.70	180	1054	0.055	ug/L #	83
68) 1,2,4-trichlorobenzene	13.31	180	1578	0.102	ug/L #	91
69) Naphthalene	13.56	128	3431	0.139	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	1556	0.108	ug/L	95

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

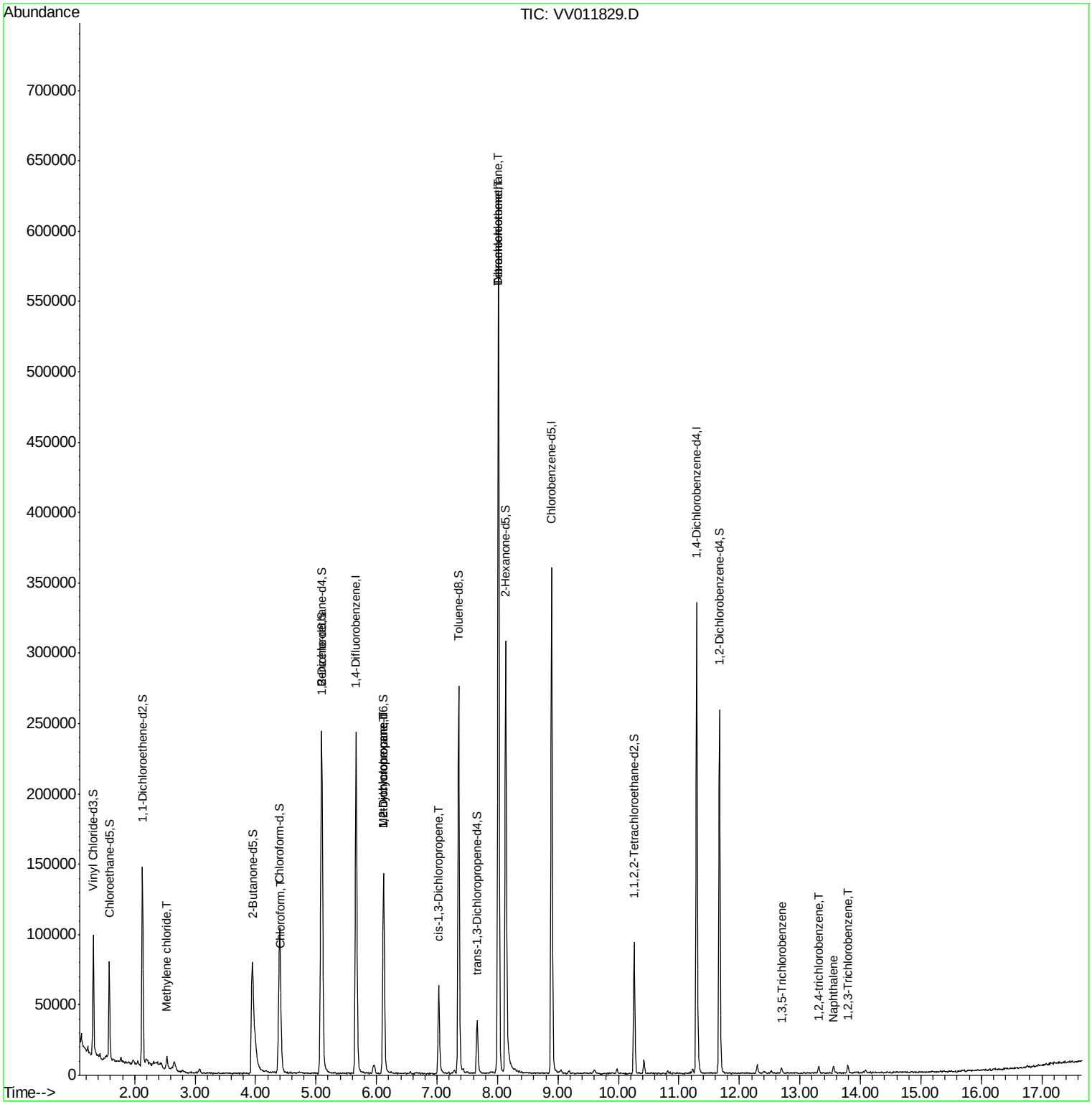
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070319\

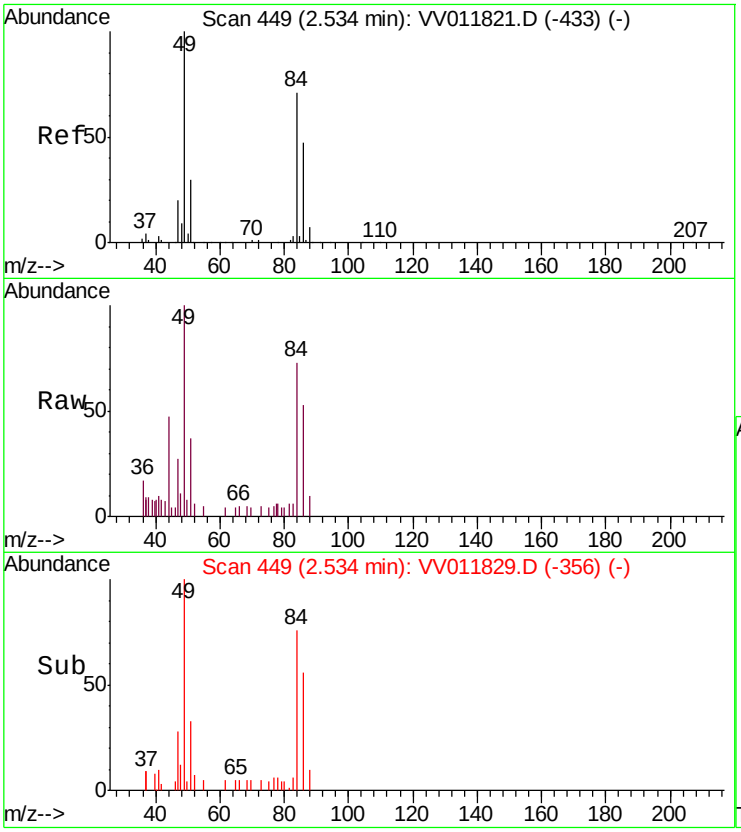
Quantitation Report (Not Reviewed)

Data File : VV011829.D
Acq On : 03 Jul 2019 14:31
Operator : SY/MD
Sample : K3598-02DL 20X
Misc : 26ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Quant Time: Jul 03 23:56:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration



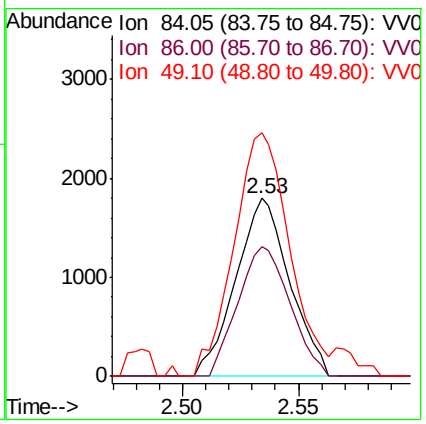


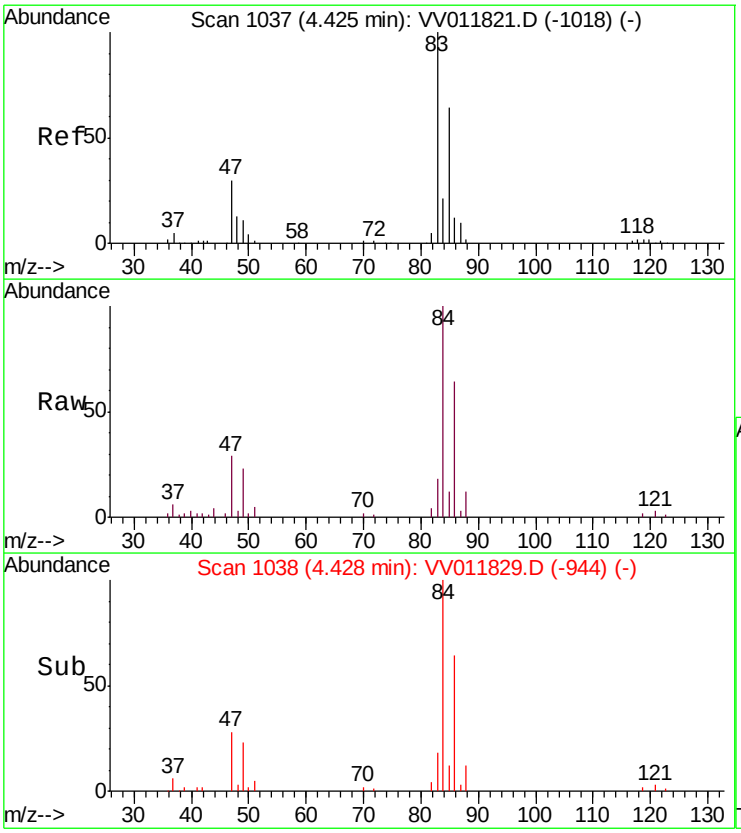
#16
Methylene chloride
Concen: 0.208 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion: 84 Resp: 2902

Ion	Ratio	Lower	Upper
84	100		
86	72.9	44.5	82.7
49	136.6	97.2	180.6

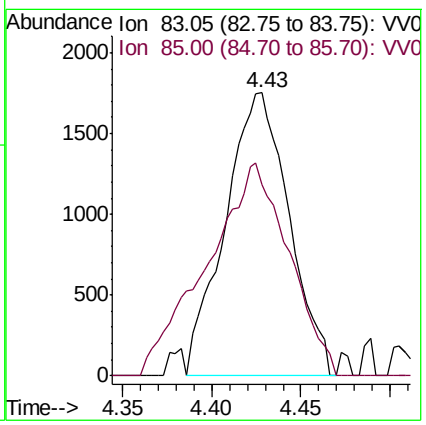


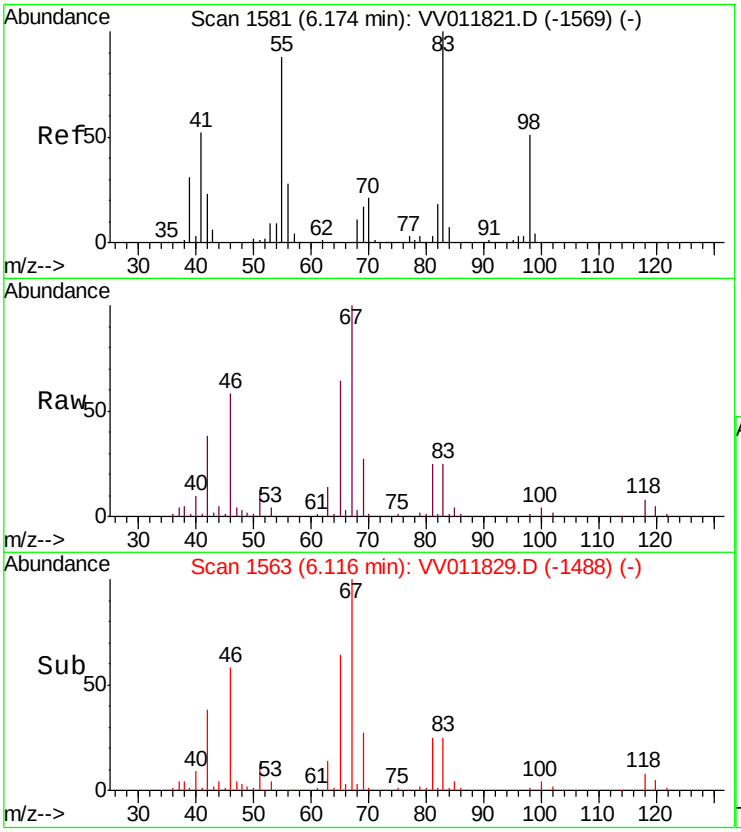


#25
Chloroform
Concen: 0.156 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Tgt Ion: 83 Resp: 4381

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.9	85.3



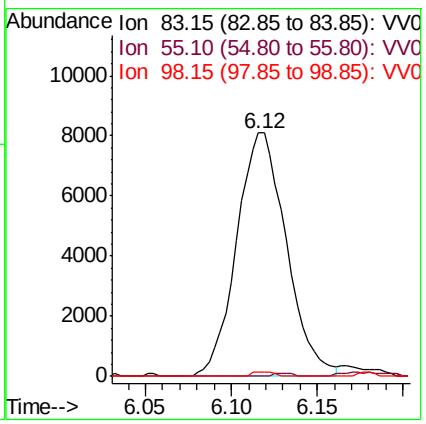


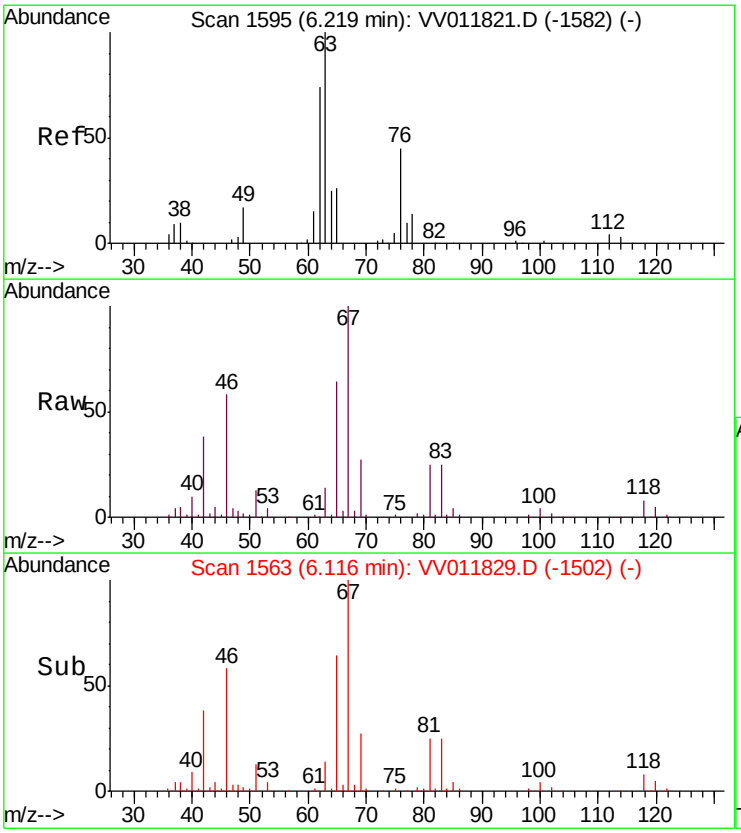
#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion: 83 Resp: 16252

Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.8	101.6#
98	0.8	39.8	59.8#

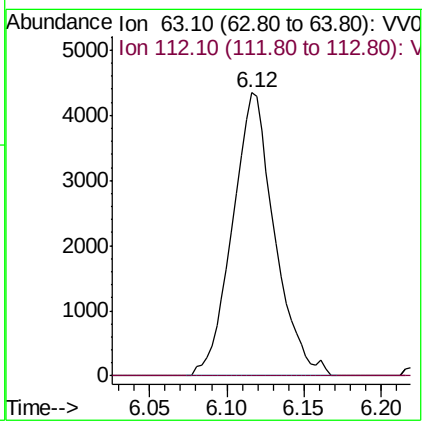


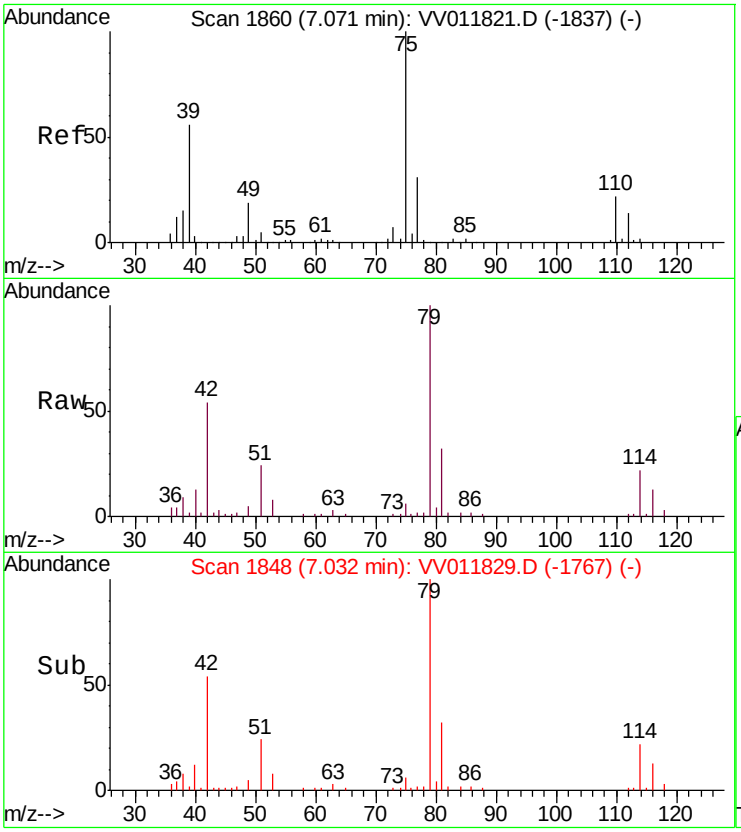


#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Tgt Ion: 63 Resp: 8246

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



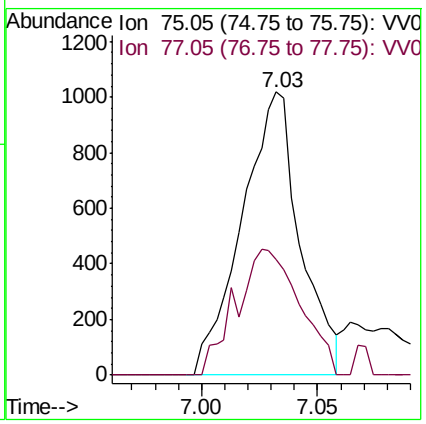


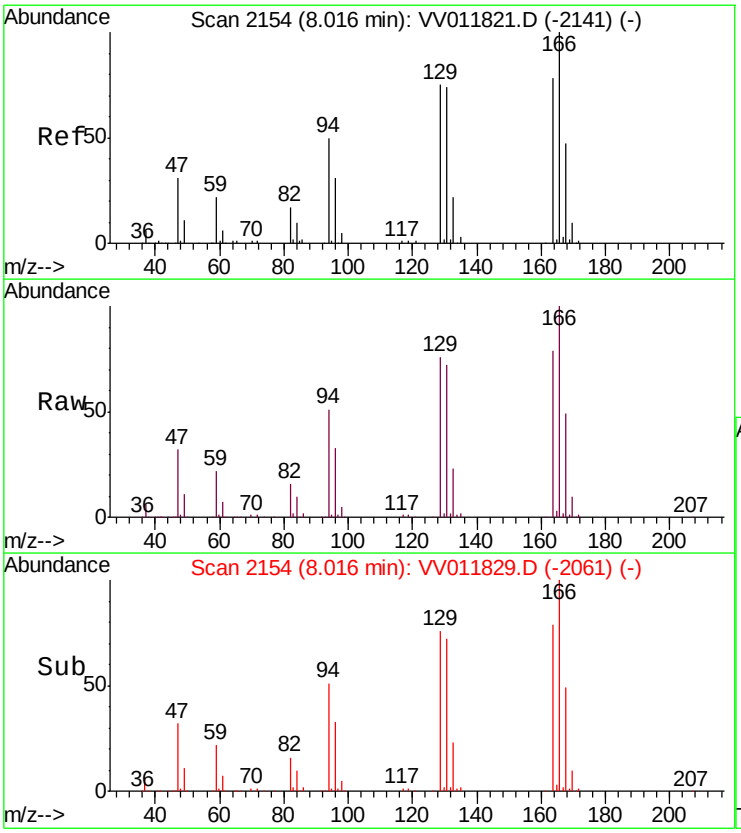
#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion: 75 Resp: 1781

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.0	40.8#

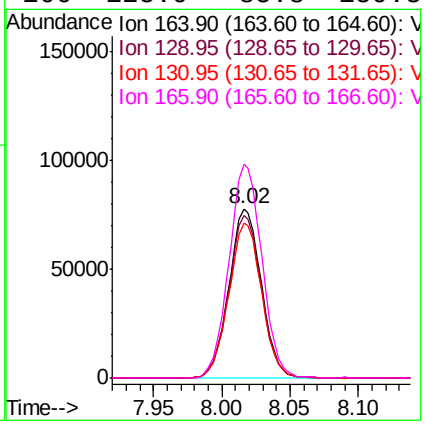


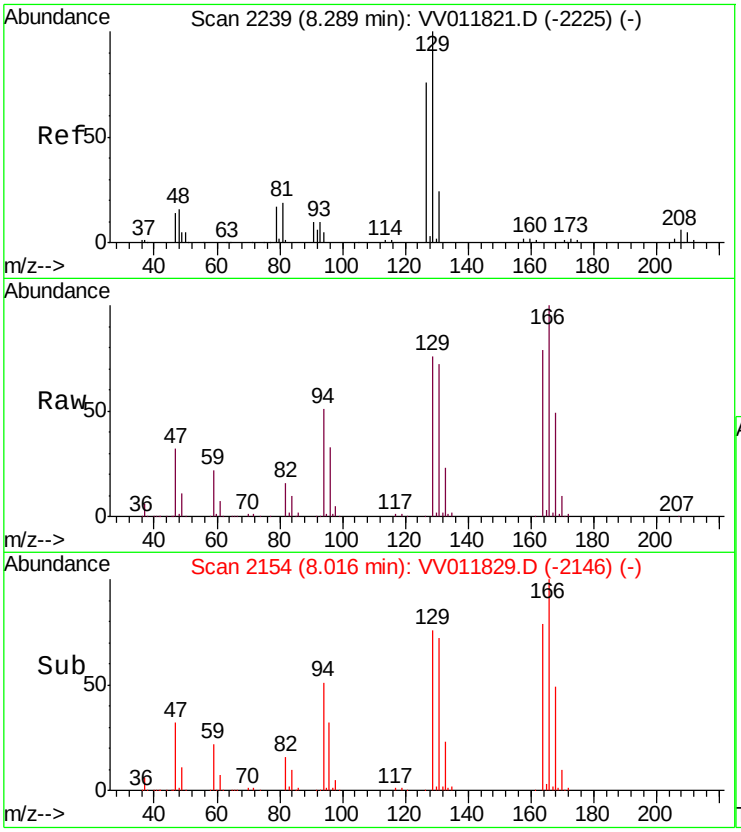


#47
Tetrachloroethene
Concen: 11.434 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Tgt Ion:164 Resp: 128485

Ion	Ratio	Lower	Upper
164	100		
129	95.8	65.7	121.9
131	91.2	63.2	117.4
166	125.9	85.8	159.3



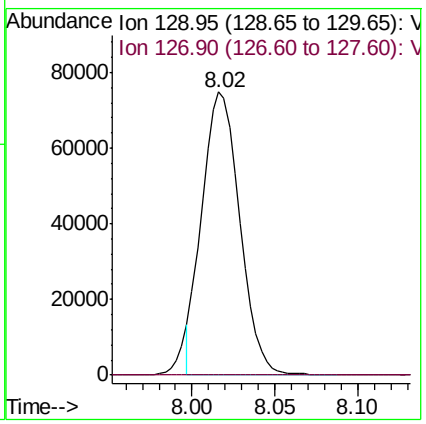


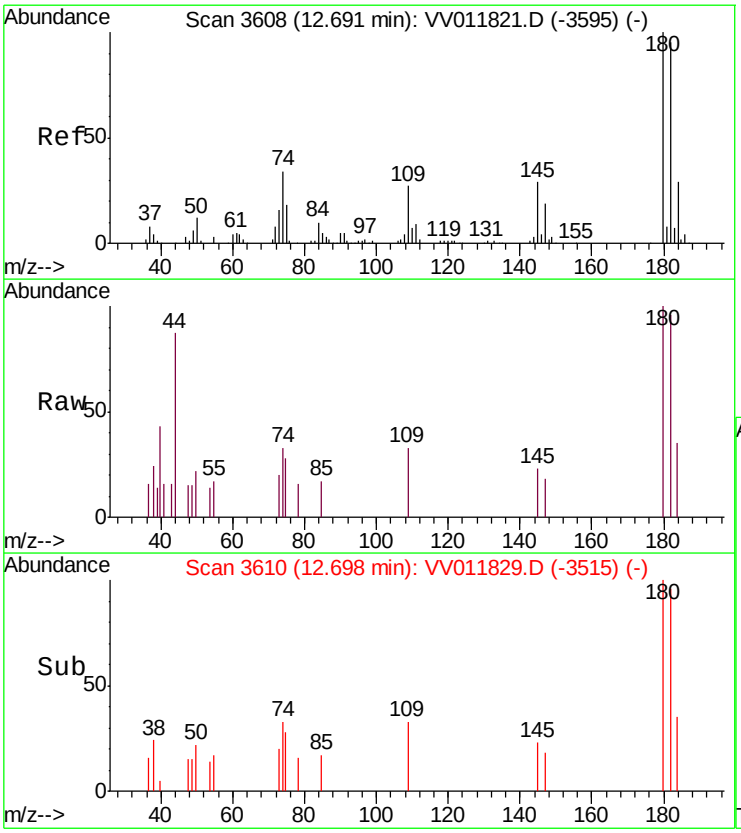
#49
Dibromochloromethane
Concen: 12.347 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion:129 Resp: 118196

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#

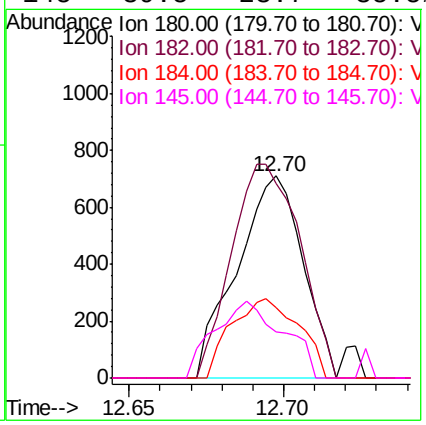


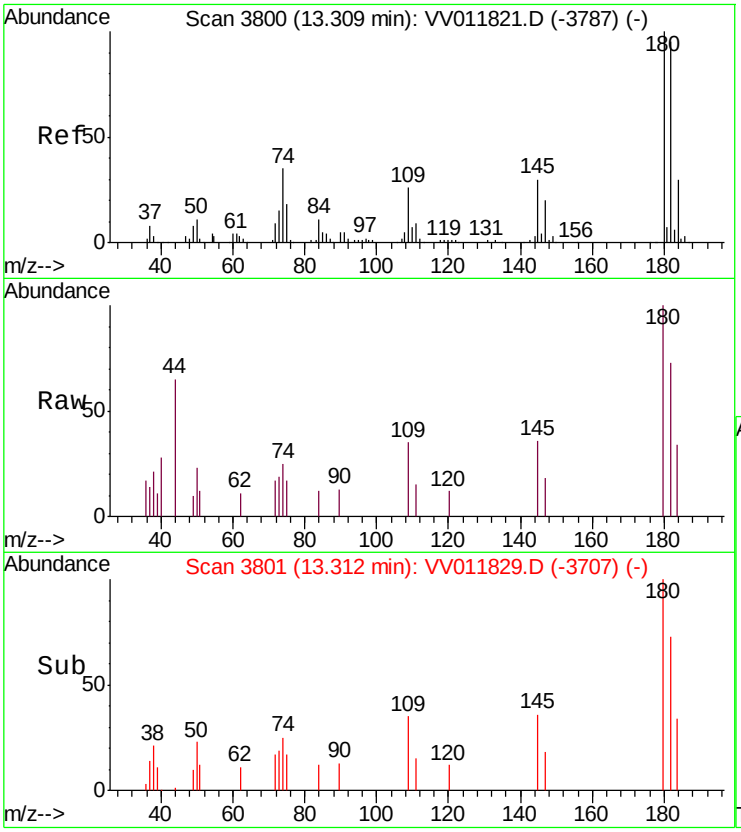


#67
1,3,5-Trichlorobenzene
Concen: 0.055 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.01 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Tgt Ion:180 Resp: 1054

Ion	Ratio	Lower	Upper
180	100		
182	110.2	75.3	112.9
184	40.3	24.2	36.4#
145	39.5	23.7	35.5#



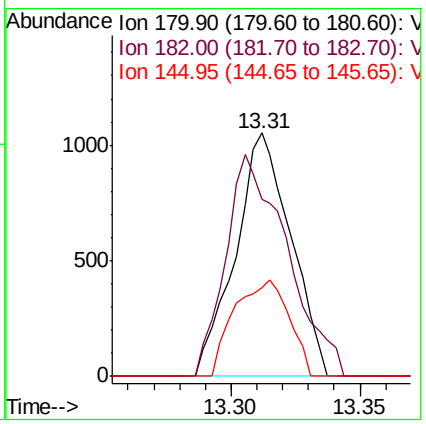


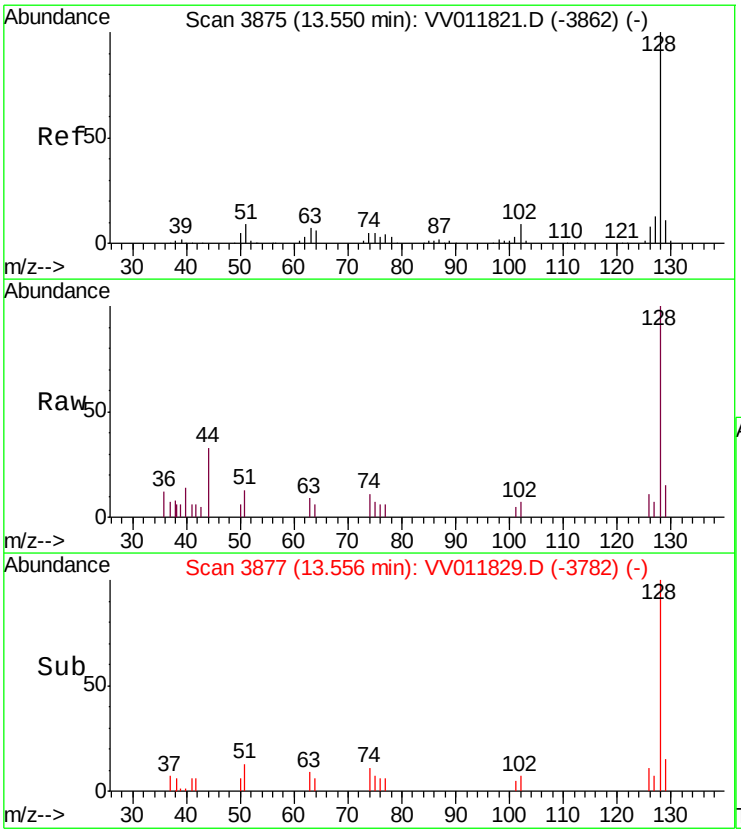
#68
1,2,4-trichlorobenzene
Concen: 0.102 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion:180 Resp: 1578

Ion	Ratio	Lower	Upper
180	100		
182	101.2	75.2	112.8
145	39.0	24.5	36.7#

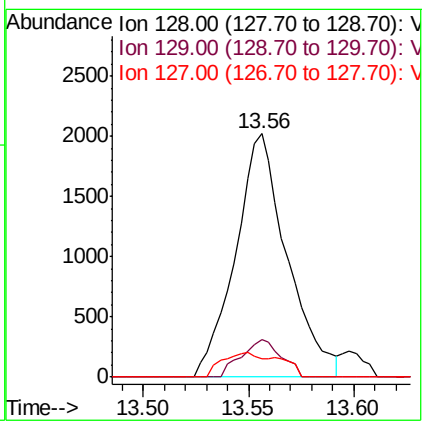


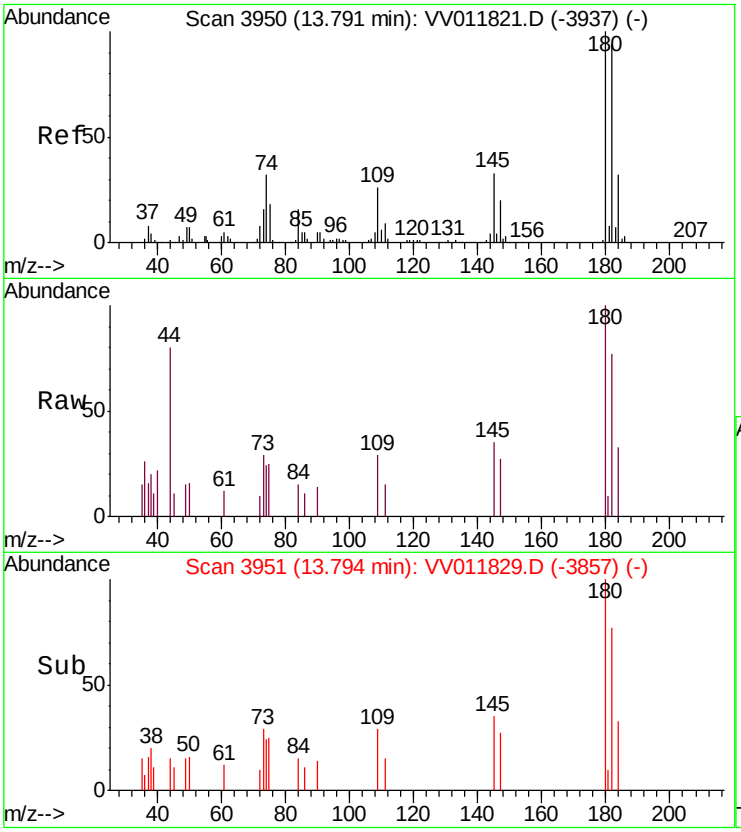


#69
Naphthalene
Concen: 0.139 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Tgt Ion:128 Resp: 3431

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	11.3	10.6	16.0





#70
1,2,3-Trichlorobenzene
Concen: 0.108 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV011829.D
Acq: 03 Jul 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
GAM80DL

Tgt Ion:180 Resp: 1556

Ion	Ratio	Lower	Upper
180	100		
182	90.4	74.7	112.1
145	38.7	26.2	39.4