

Data File : VV011869.D
Acq On : 12 Jul 2019 15:54
Operator : SY/MD
Sample : VV0712WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK47

Quant Time: Jul 13 04:23:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179388	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63025	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	51410	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	72262	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.97	46	140274	49.58	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	4.40	84	112671	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	61611	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	232645	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	71640	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	199599	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	23301	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	96963	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37128	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	70424	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

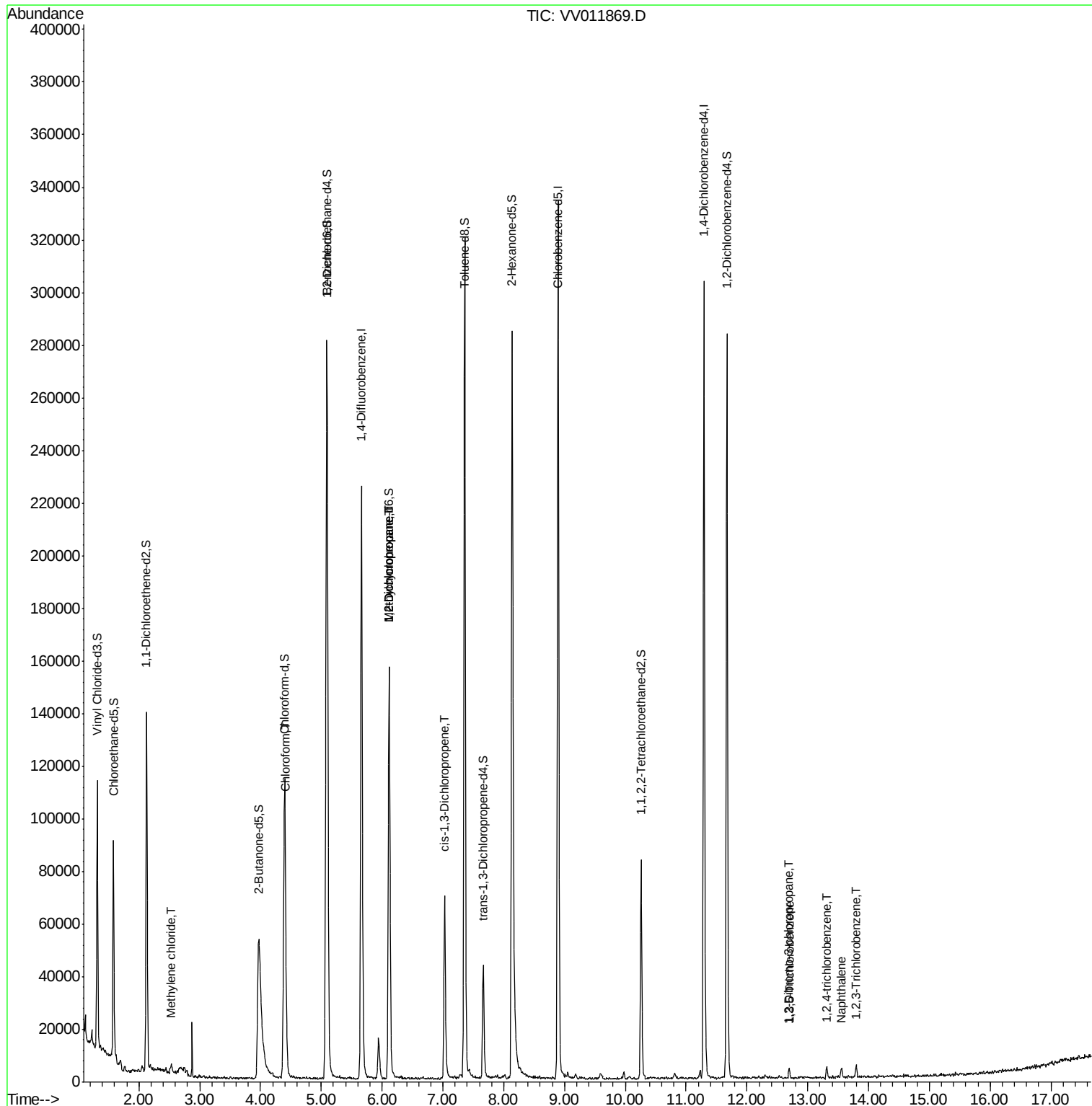
					Qvalue
16) Methylene chloride	2.53	84	1224	0.121 ug/L	90
25) Chloroform	4.42	83	2431	0.092 ug/L	77
35) Methylcyclohexane	6.12	83	17750	0.792 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8203	0.613 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	2085	0.114 ug/L #	76
66) 1,2-Dibromo-3-chloropropan	12.68	75	116	0.081 ug/L #	3
67) 1,3,5-Trichlorobenzene	12.70	180	1258	0.065 ug/L #	88
68) 1,2,4-trichlorobenzene	13.31	180	1559	0.102 ug/L	91
69) Naphthalene	13.55	128	3308	0.147 ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	1442	0.104 ug/L	95

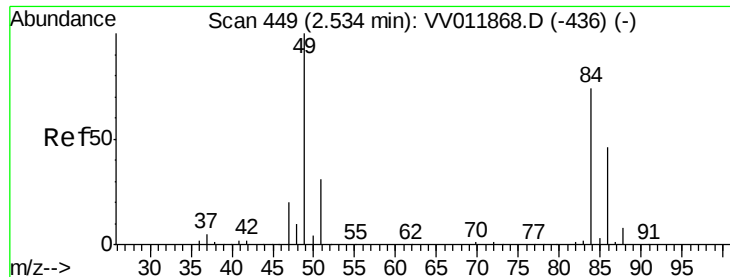
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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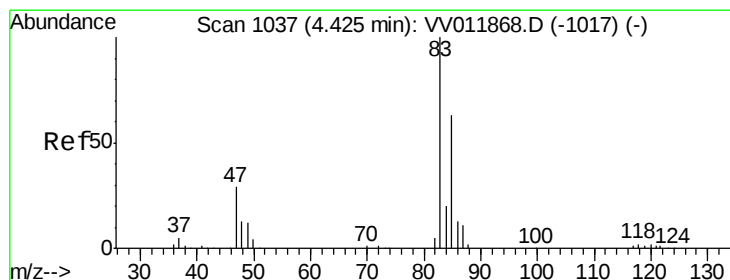
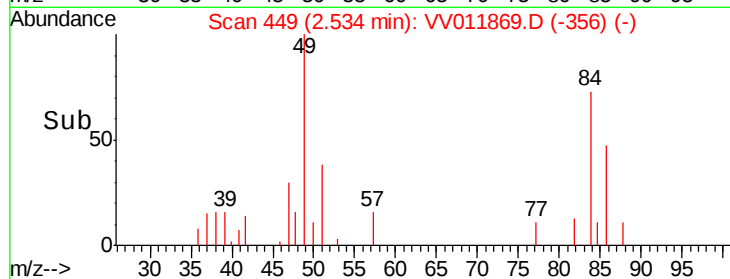
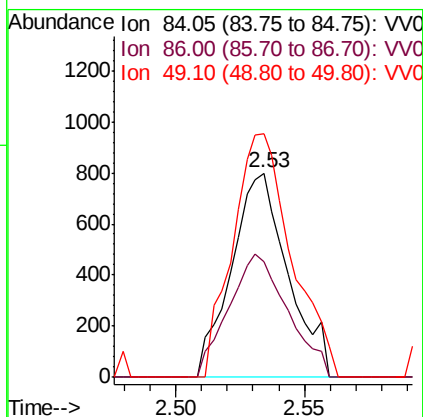
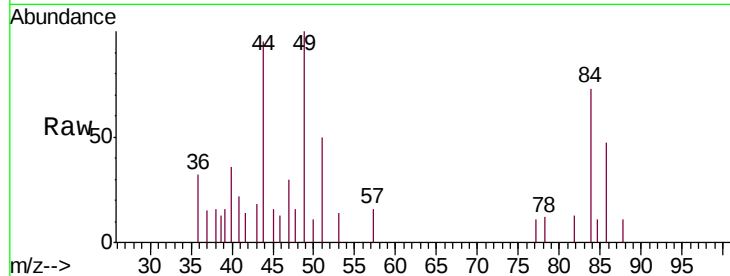




#16
Methylene chloride
Concen: 0.121 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV011869.D
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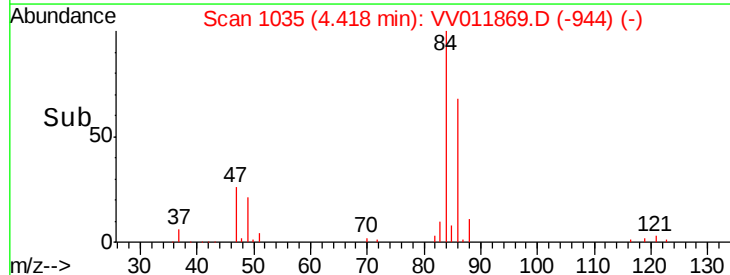
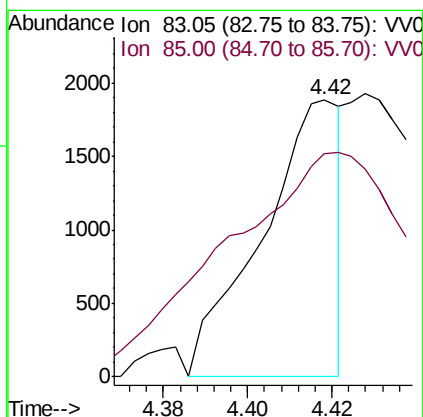
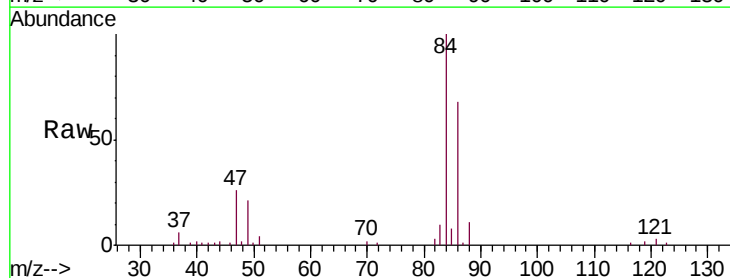
Instrument :
MSVOA_V
ClientSampleId :
VBLK47

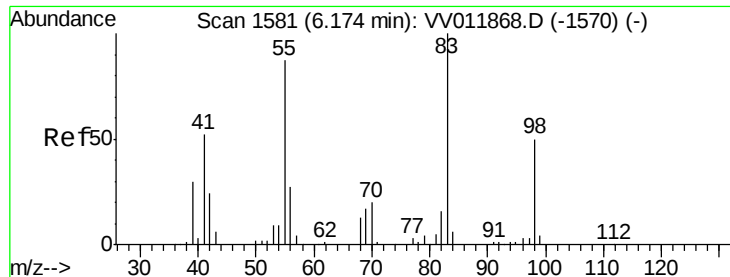
Tgt Ion: 84 Resp: 1224
Ion Ratio Lower Upper
84 100
86 56.4 43.9 81.5
49 119.3 92.6 172.0



#25
Chloroform
Concen: 0.092 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV011869.D
Acq: 12 Jul 2019 15:54

Tgt Ion: 83 Resp: 2431
Ion Ratio Lower Upper
83 100
85 80.4 43.8 81.4

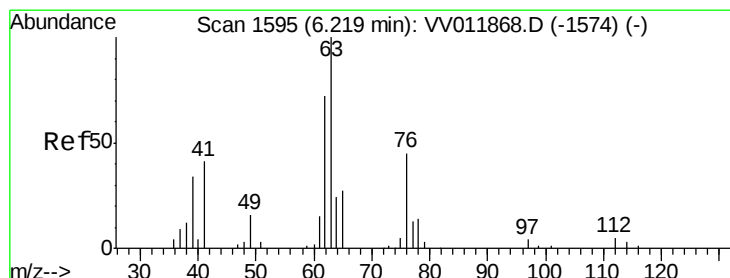
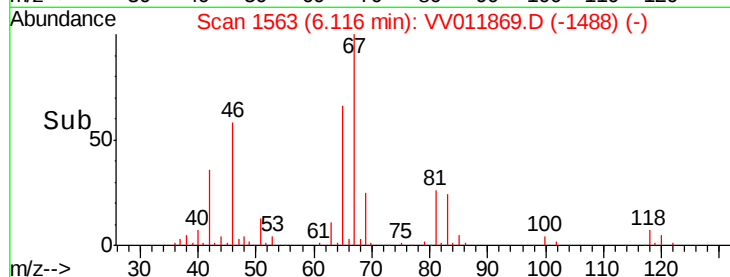
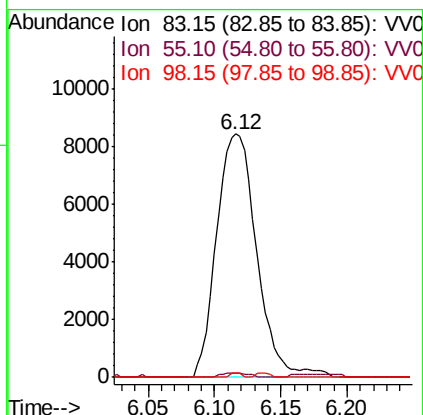
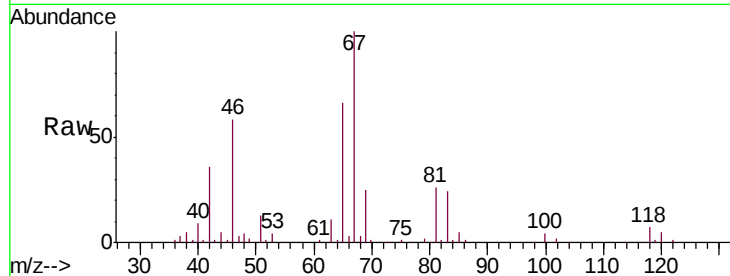




#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011869.D
Acq: 12 Jul 2019 15:54

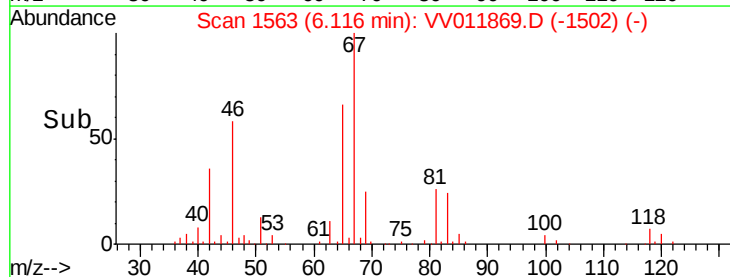
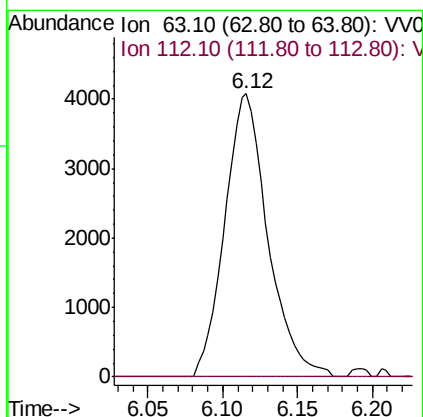
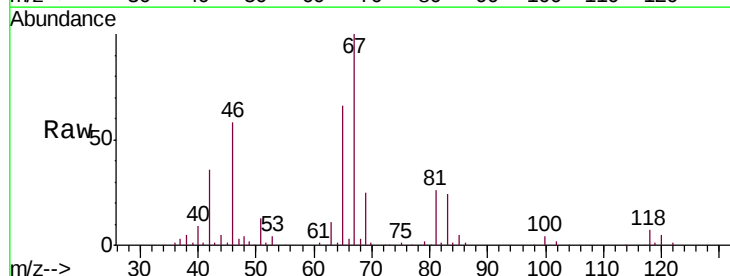
Instrument :
MSVOA_V
ClientSampled :
VBLK47

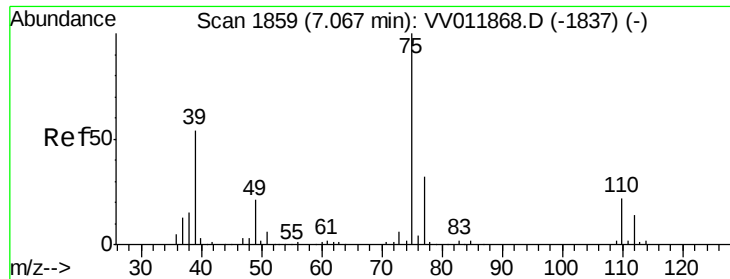
Tgt Ion: 83 Resp: 17750
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 0.5 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011869.D
Acq: 12 Jul 2019 15:54

Tgt Ion: 63 Resp: 8203
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

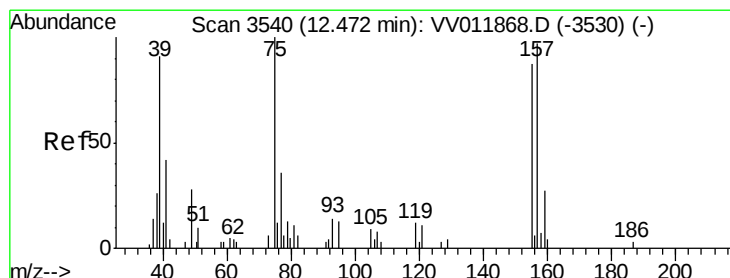
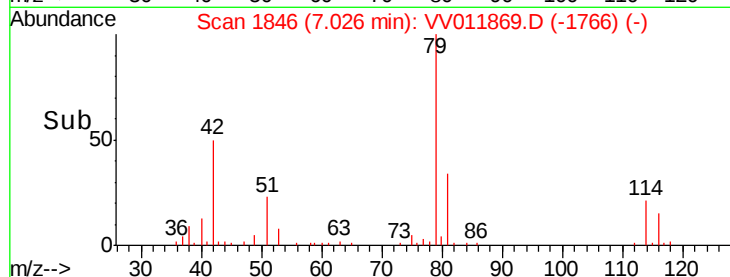
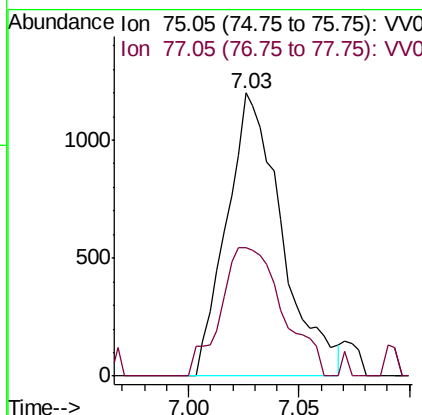
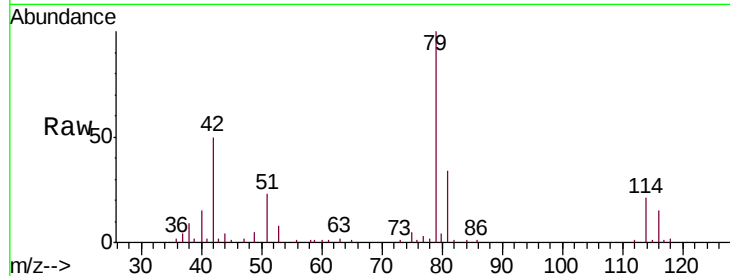




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011869.D
 Acq: 12 Jul 2019 15:54

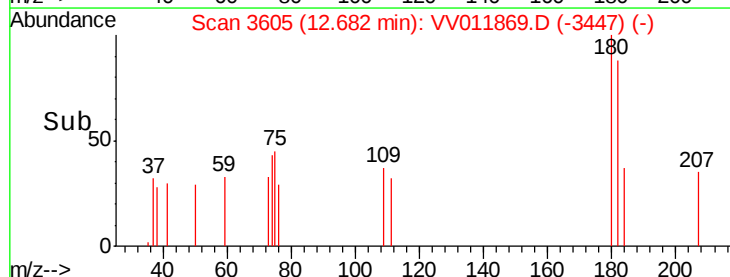
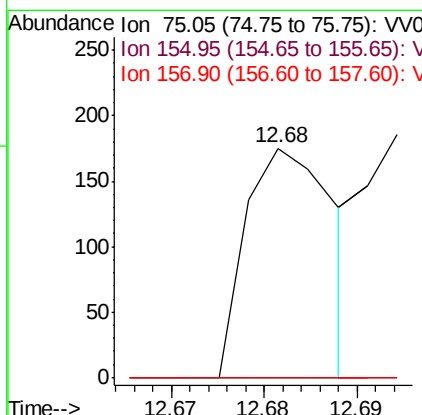
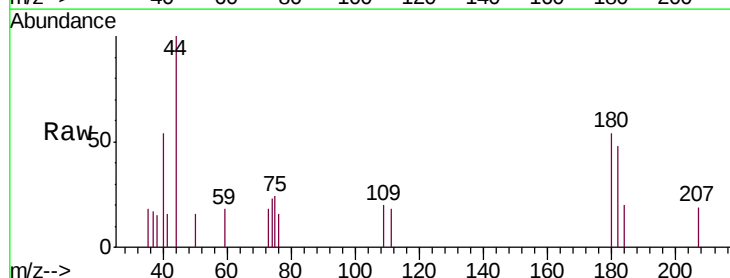
Instrument :
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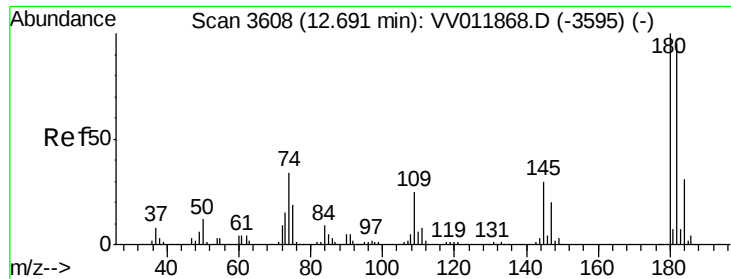
Tgt Ion: 75 Resp: 2085
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.3 41.3#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.081 ug/L
 RT: 12.68 min Scan# 3605
 Delta R.T. 0.21 min
 Lab File: VV011869.D
 Acq: 12 Jul 2019 15:54

Tgt Ion: 75 Resp: 116
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.7 103.1#
 157 0.0 80.2 120.2#

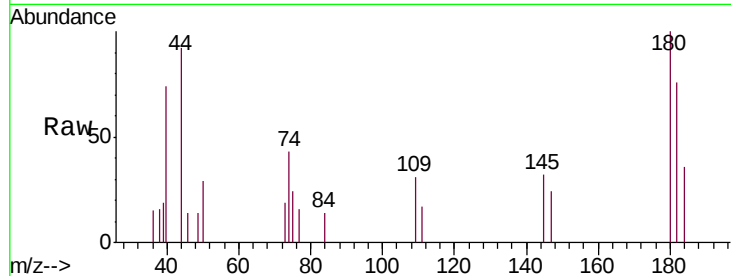




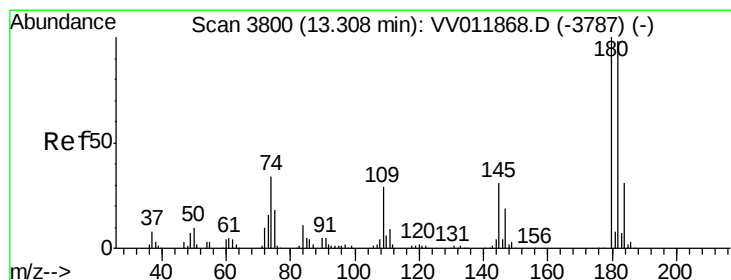
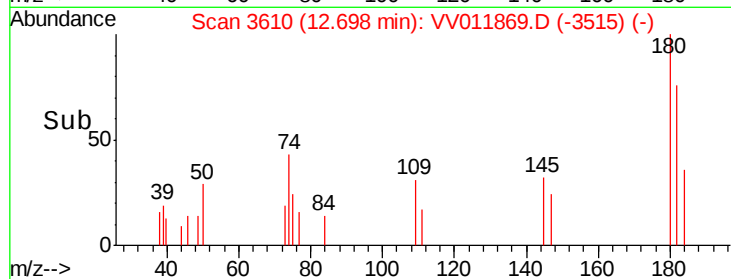
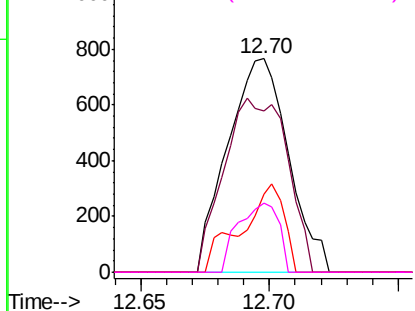
#67
 1,3,5-Trichlorobenzene
 Concen: 0.065 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV011869.D
 Acq: 12 Jul 2019 15:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK47

Tgt Ion:180 Resp: 1258
 Ion Ratio Lower Upper
 180 100
 182 84.7 75.0 112.6
 184 20.7 24.5 36.7#
 145 21.3 23.8 35.6#

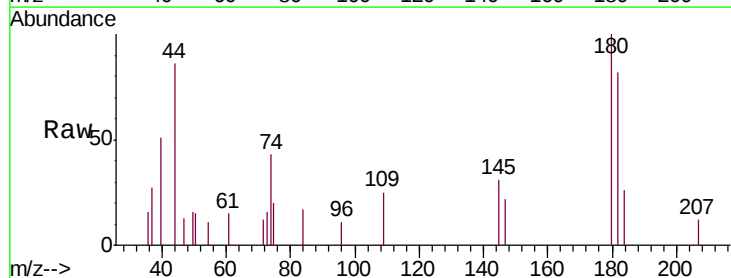


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

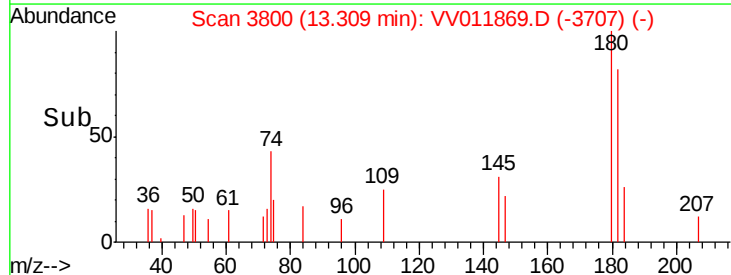
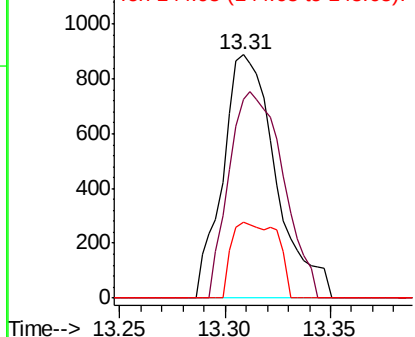


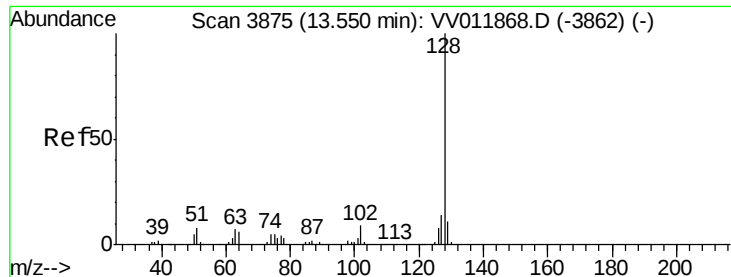
#68
 1,2,4-trichlorobenzene
 Concen: 0.102 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV011869.D
 Acq: 12 Jul 2019 15:54

Tgt Ion:180 Resp: 1559
 Ion Ratio Lower Upper
 180 100
 182 85.9 75.9 113.9
 145 26.7 24.5 36.7



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.147 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV011869.D

Acq: 12 Jul 2019 15:54

Instrument :

MSVOA_V

ClientSampleId :

VBLK47

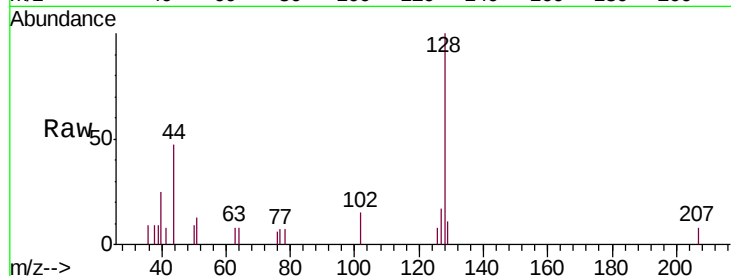
Tgt Ion:128 Resp: 3308

Ion Ratio Lower Upper

128 100

129 7.1 8.6 13.0#

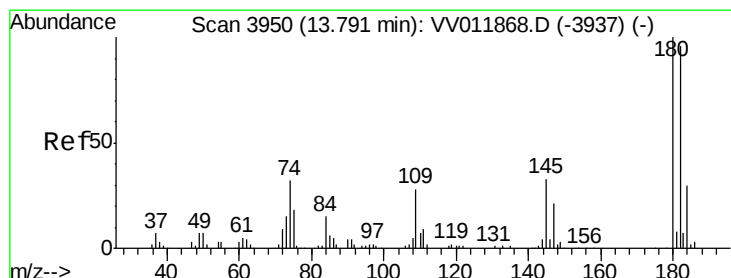
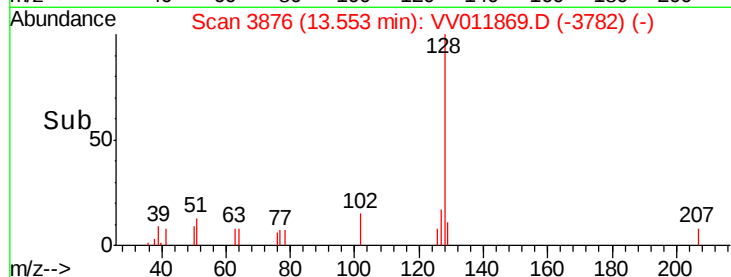
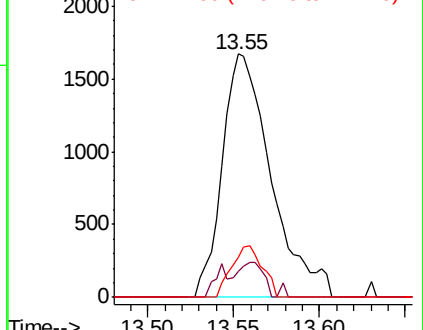
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.104 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.01 min

Lab File: VV011869.D

Acq: 12 Jul 2019 15:54

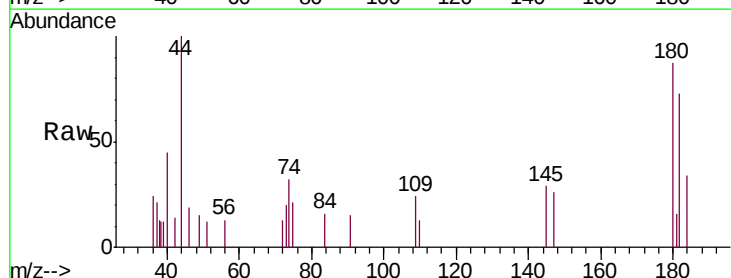
Tgt Ion:180 Resp: 1442

Ion Ratio Lower Upper

180 100

182 87.7 75.0 112.6

145 33.8 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

