

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
 Data File : VV023069.D
 Acq On : 27 Oct 2021 19:34
 Operator : SY/MD
 Sample : M4364-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG336

Quant Time: Oct 28 01:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

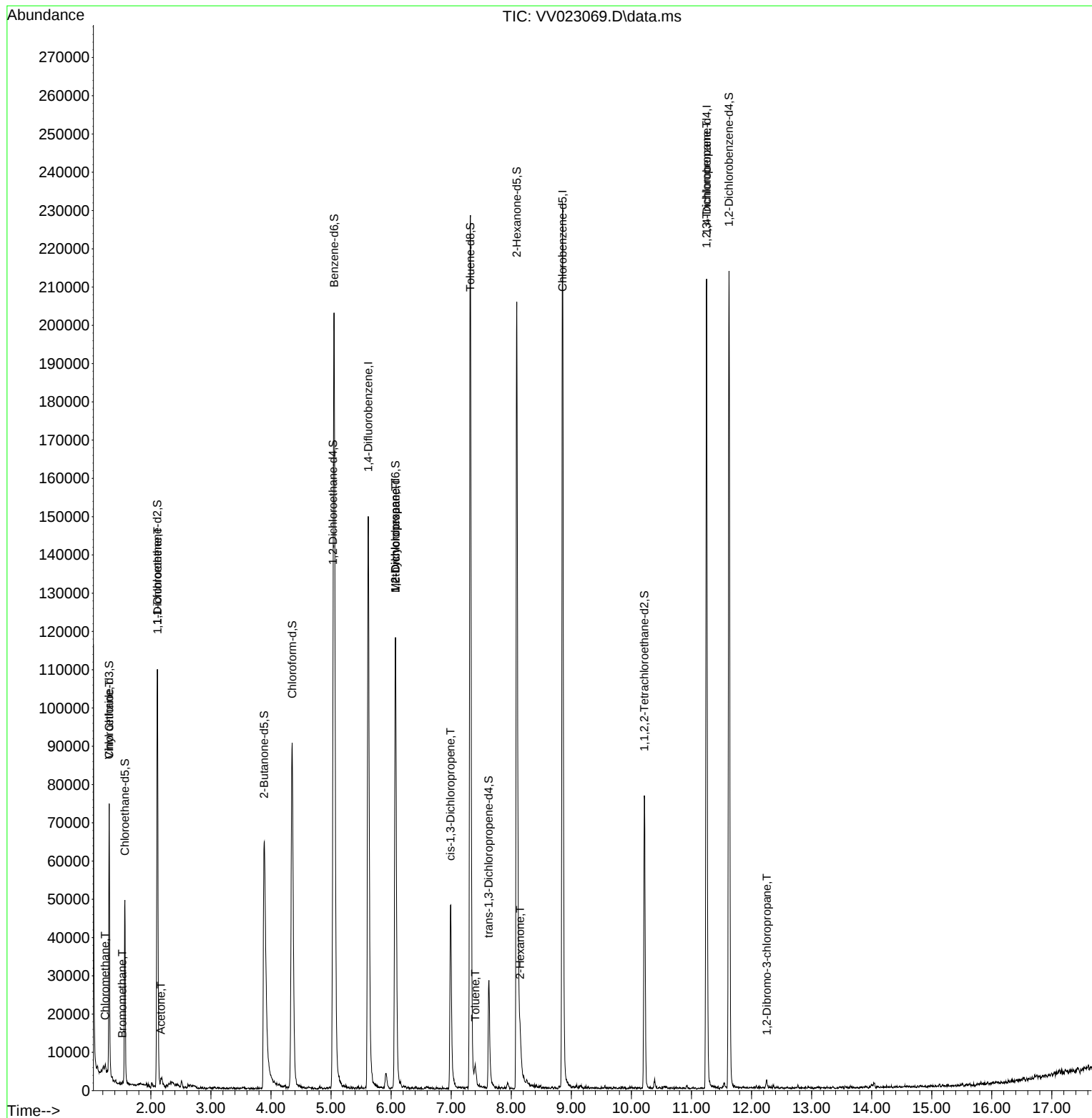
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43294	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	27716	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.108	63	55342	3.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.886	46	99029	53.518	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.040%
24) Chloroform-d	4.352	84	95173	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	43384	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	188031	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	59818	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.320	98	155792	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	16800	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	64445	41.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37450	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	57313	5.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	924	0.102	ug/L	83
6) Bromomethane	1.523	94	215	0.046	ug/L #	70
8) Chloroethane	1.307	64	822	0.168	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	519	0.077	ug/L #	1
13) Acetone	2.169	43	2110	2.324	ug/L	99
35) Methylcyclohexane	6.072	83	13994	1.097	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6715	0.751	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1167	0.105	ug/L #	75
42) Toluene	7.403	91	4037	0.112	ug/L	90
48) 2-Hexanone	8.146	43	7835	2.508	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	6662	1.690	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.252	75	100	0.129	ug/L #	1

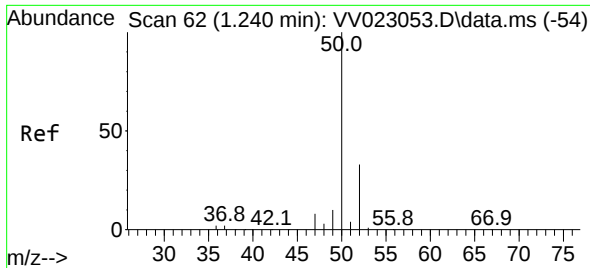
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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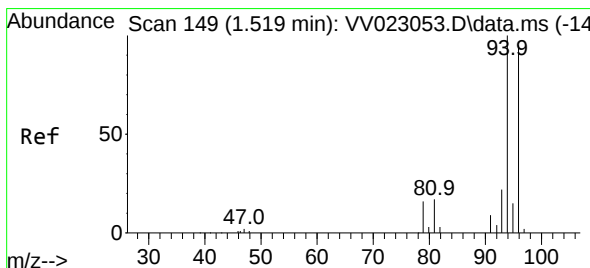
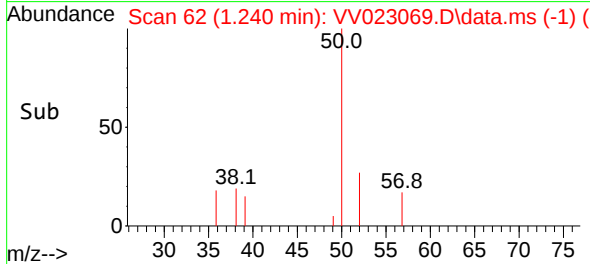
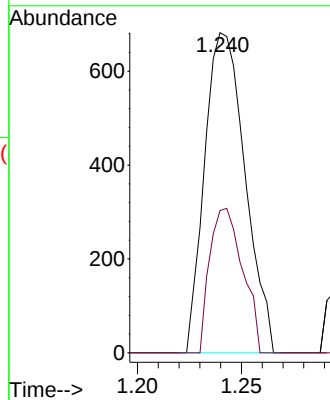
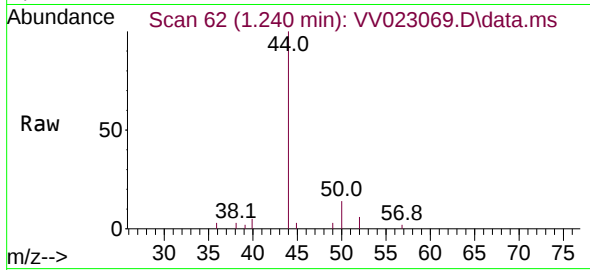




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023069.D
Acq: 27 Oct 2021 19:34

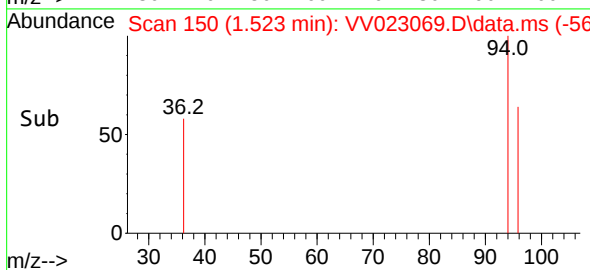
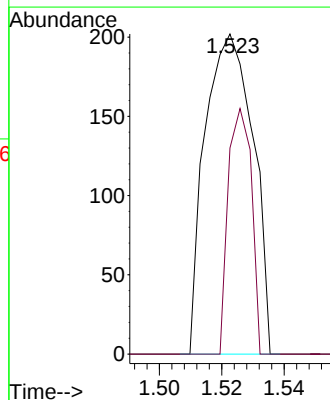
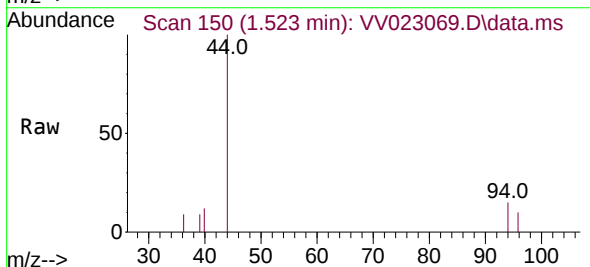
Instrument :
MSVOA_V
ClientSampleId :
BG336

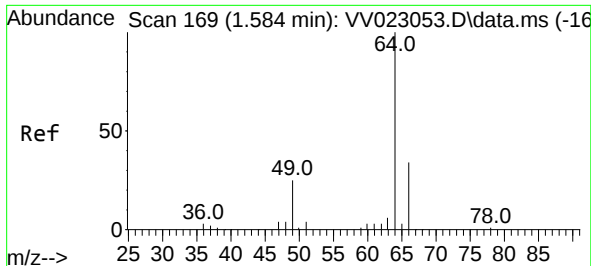
Tgt Ion: 50 Resp: 924
Ion Ratio Lower Upper
50 100
52 44.4 24.3 45.1



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV023069.D
Acq: 27 Oct 2021 19:34

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 64.4 65.0 120.8

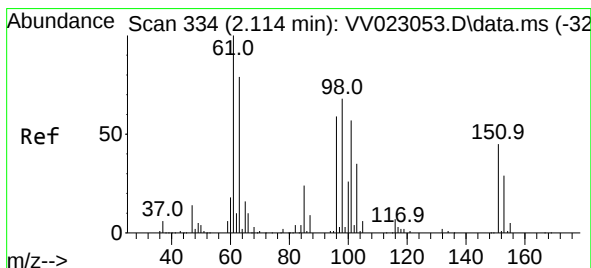
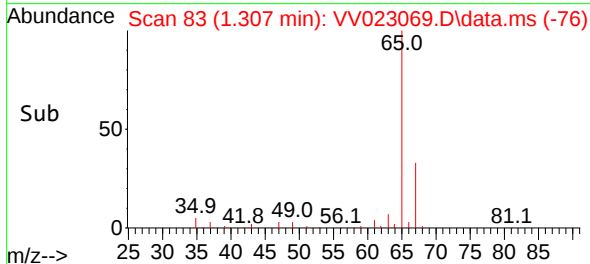
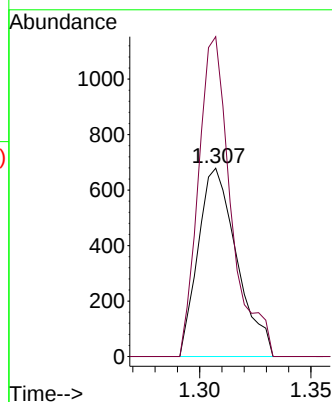
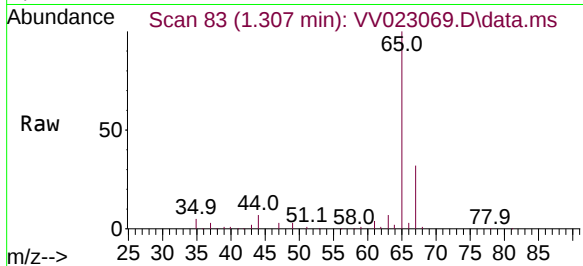




#8
Chloroethane
Concen: 0.168 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV023069.D
Acq: 27 Oct 2021 19:34

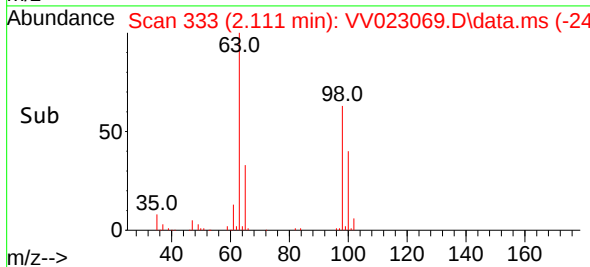
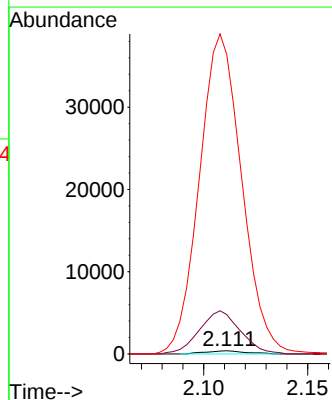
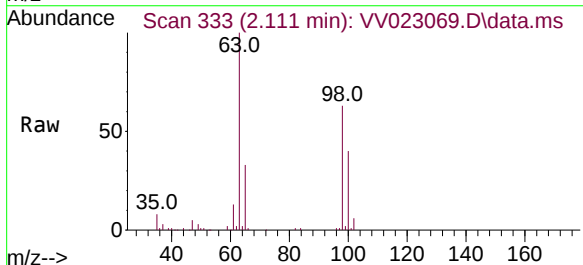
Instrument :
MSVOA_V
ClientSampleId :
BG336

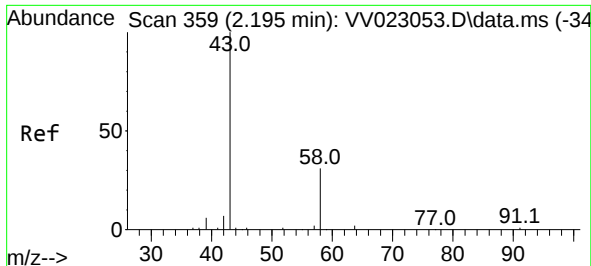
Tgt Ion: 64 Resp: 822
Ion Ratio Lower Upper
64 100
66 169.8 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV023069.D
Acq: 27 Oct 2021 19:34

Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 1200.5 121.5 225.7#
63 9149.7 99.6 185.0#





#13

Acetone

Concen: 2.324 ug/L

RT: 2.169 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV023069.D

Acq: 27 Oct 2021 19:34

Instrument :

MSVOA_V

ClientSampleId :

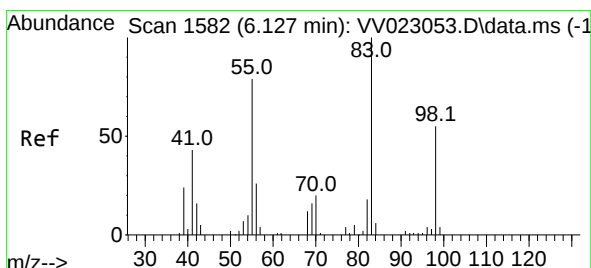
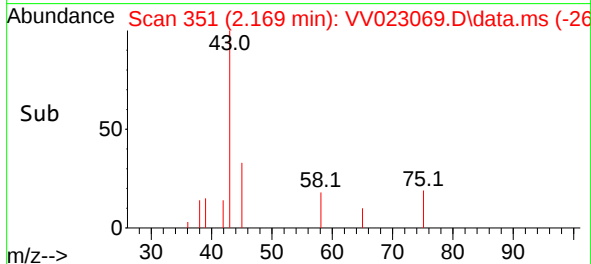
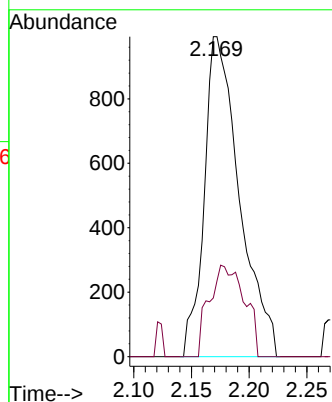
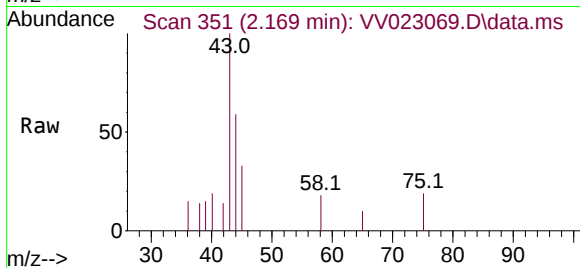
BG336

Tgt Ion: 43 Resp: 2110

Ion Ratio Lower Upper

43 100

58 28.4 0.0 55.4



#35

Methylcyclohexane

Concen: 1.097 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023069.D

Acq: 27 Oct 2021 19:34

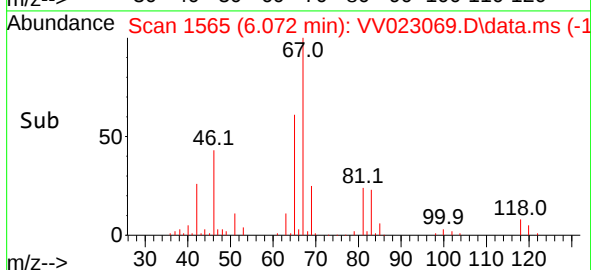
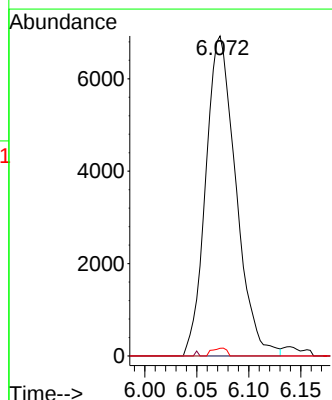
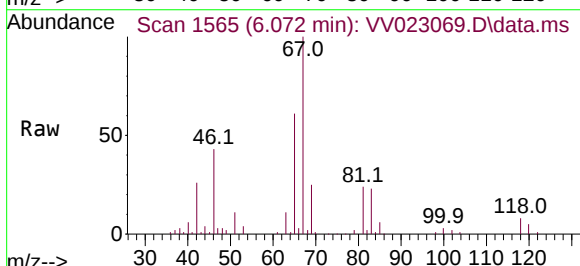
Tgt Ion: 83 Resp: 13994

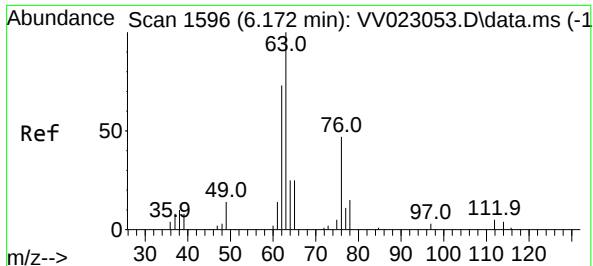
Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 1.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.751 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023069.D

Acq: 27 Oct 2021 19:34

Instrument :

MSVOA_V

ClientSampleId :

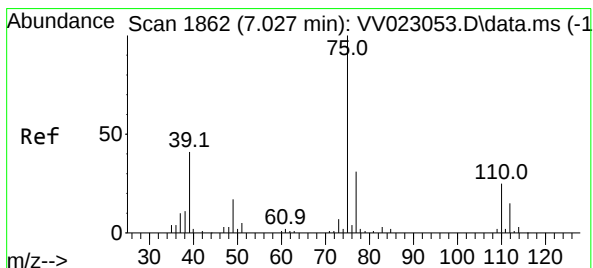
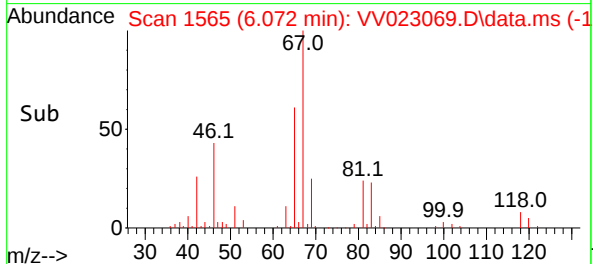
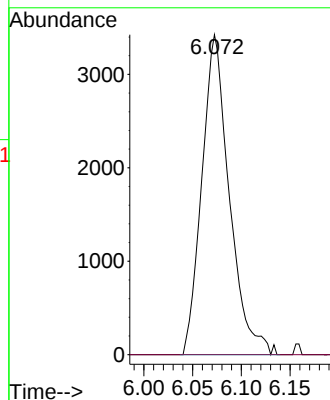
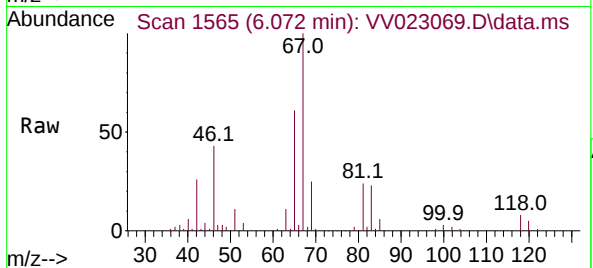
BG336

Tgt Ion: 63 Resp: 6715

Ion Ratio Lower Upper

63 100

112 0.6 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023069.D

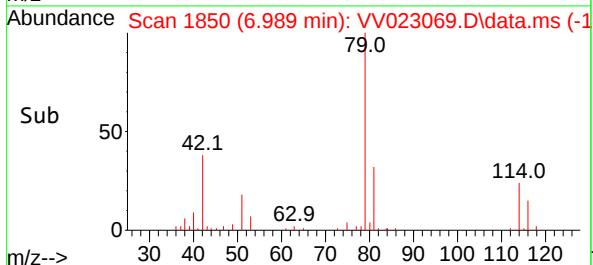
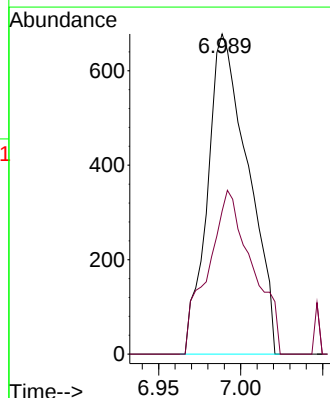
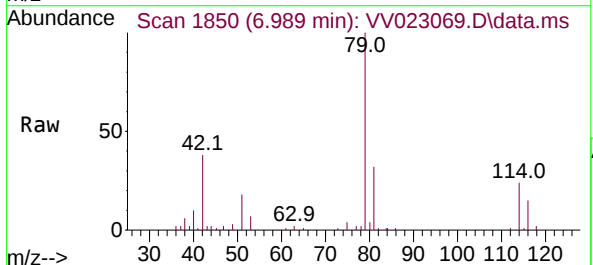
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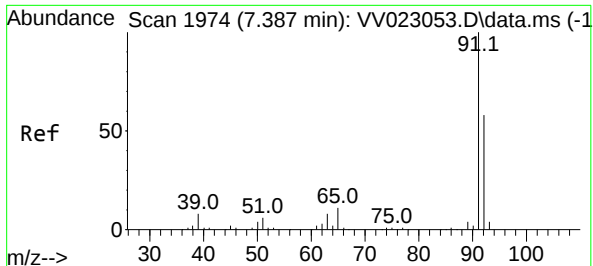
Tgt Ion: 75 Resp: 1167

Ion Ratio Lower Upper

75 100

77 44.7 21.6 40.2#





#42

Toluene

Concen: 0.112 ug/L

RT: 7.403 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023069.D

Acq: 27 Oct 2021 19:34

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ClientSampleId :

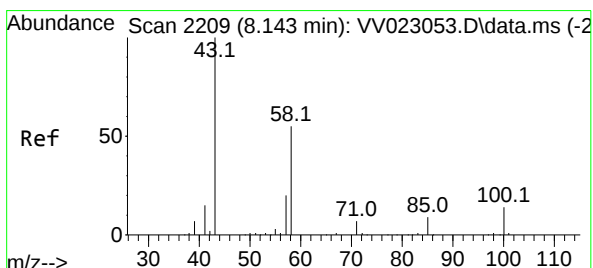
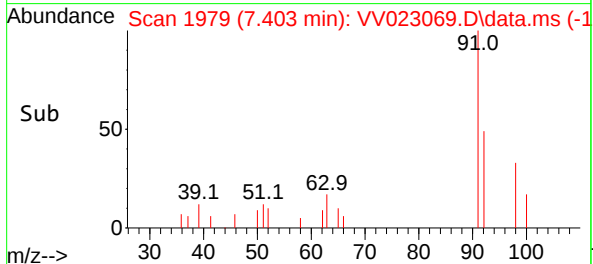
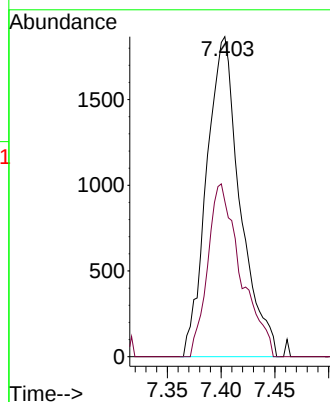
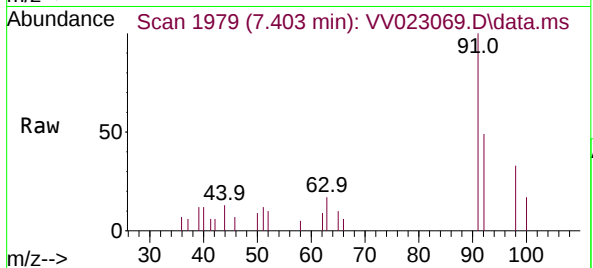
BG336

Tgt Ion: 91 Resp: 4037

Ion Ratio Lower Upper

91 100

92 48.5 39.3 72.9



#48

2-Hexanone

Concen: 2.508 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV023069.D

Acq: 27 Oct 2021 19:34

Tgt Ion: 43 Resp: 7835

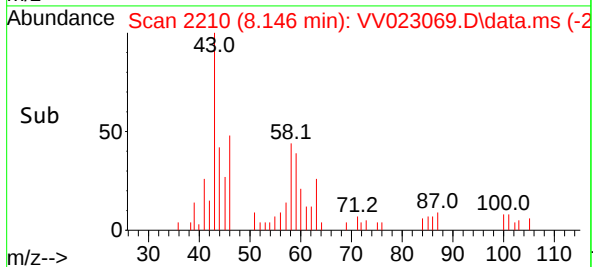
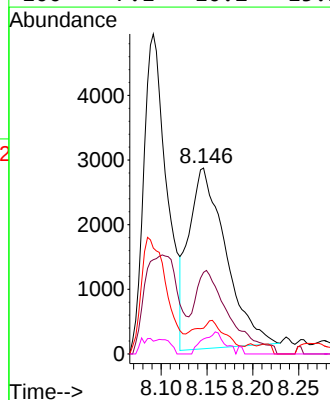
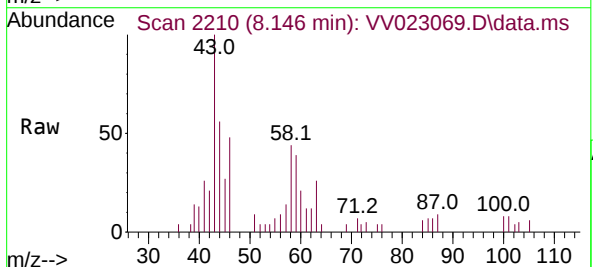
Ion Ratio Lower Upper

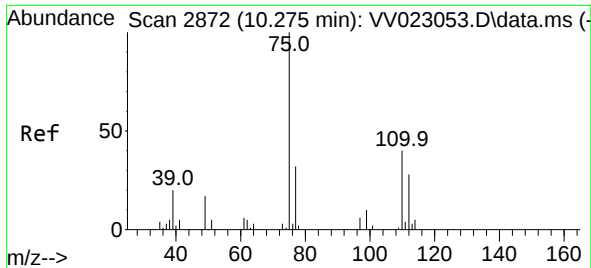
43 100

58 42.1 43.7 65.5#

57 16.1 14.1 21.1

100 7.1 10.2 15.2#

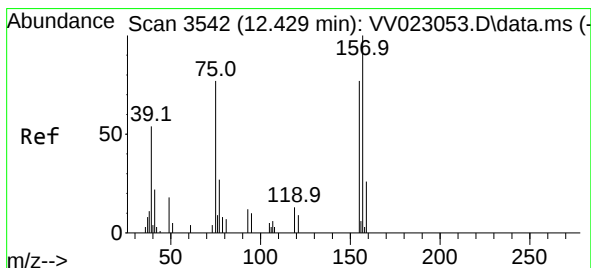
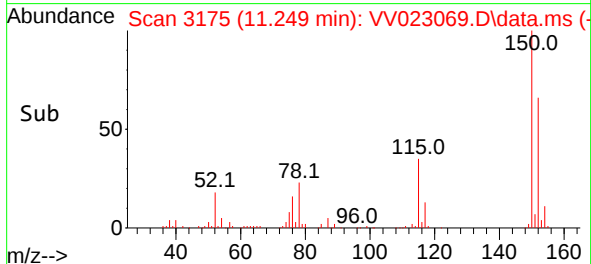
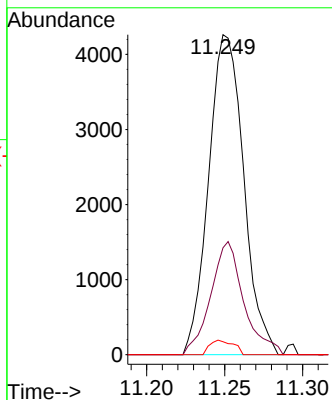
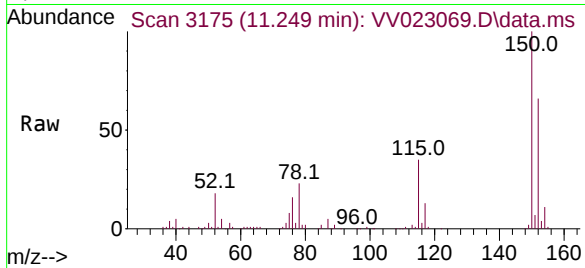




#61
 1,2,3-Trichloropropane
 Concen: 1.690 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023069.D
 Acq: 27 Oct 2021 19:34

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 BG336

Tgt Ion: 75 Resp: 6662
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.6 39.8
 110 3.0 31.8 47.6#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.129 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV023069.D
 Acq: 27 Oct 2021 19:34

Tgt Ion: 75 Resp: 100
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#

