

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026689.D
 Acq On : 08 Jul 2022 11:48
 Operator : SY/MD
 Sample : VV0708WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK391

Quant Time: Jul 08 23:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

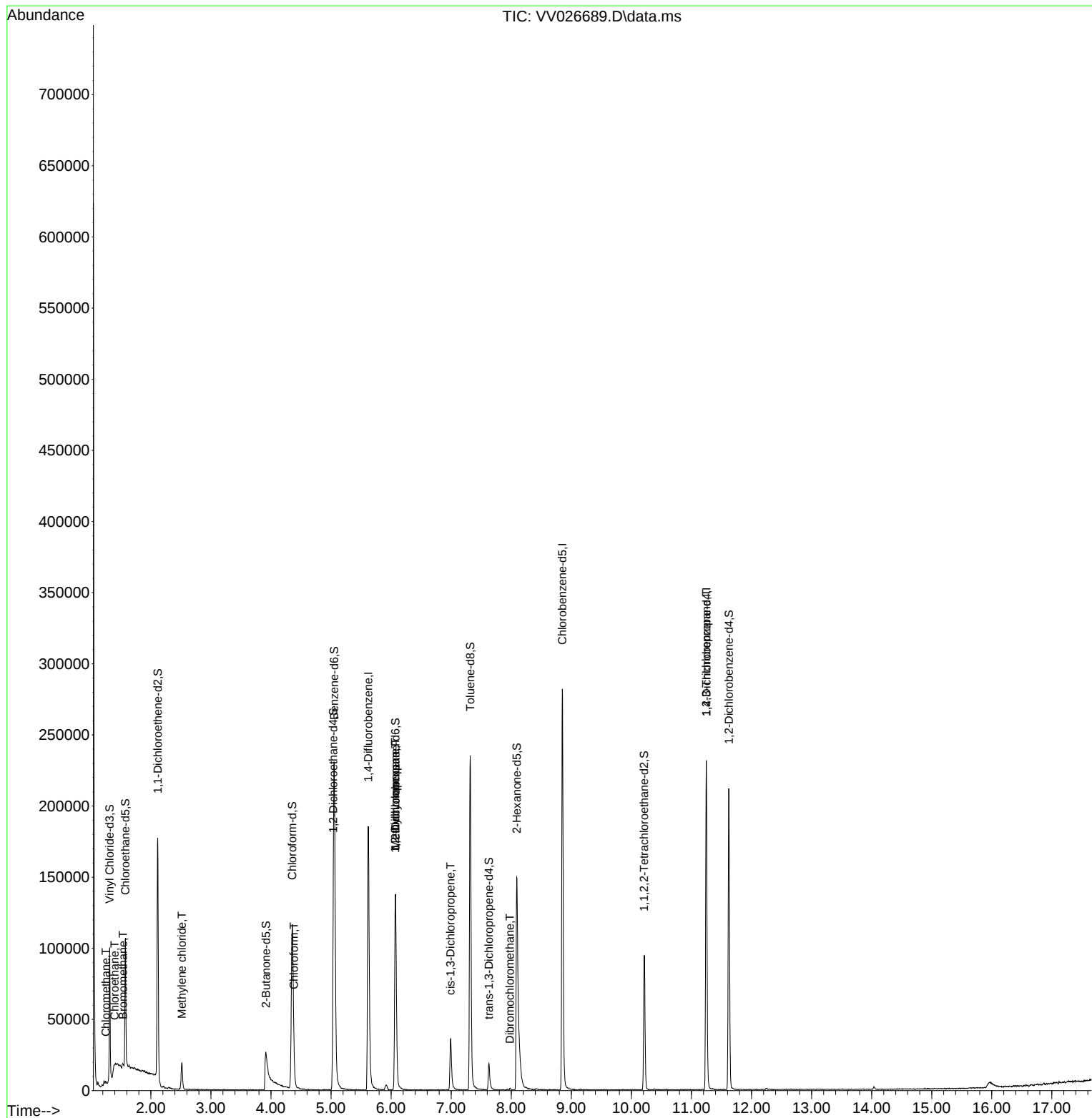
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	168616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	63918	4.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.574	69	59745	5.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.114	63	88184	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.915	46	50854	37.721	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.440%
24) Chloroform-d	4.355	84	127998	5.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.037	65	50617	5.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	5.053	84	223750	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	71336	5.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.317	98	165550	3.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.629	79	13208	3.863	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.092	63	60155	46.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48176	5.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58748	5.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1344	0.096	ug/L #	67
6) Bromomethane	1.536	94	1097	0.136	ug/L	92
8) Chloroethane	1.397	64	15657	1.540	ug/L #	55
16) Methylene chloride	2.516	84	8557	0.708	ug/L	89
25) Chloroform	4.381	83	1850	0.083	ug/L	95
35) Methylcyclohexane	6.072	83	17660	0.929	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7051	0.598	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	966	0.082	ug/L	99
49) Dibromochloromethane	7.979	129	214	0.028	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7435	1.742	ug/L #	63

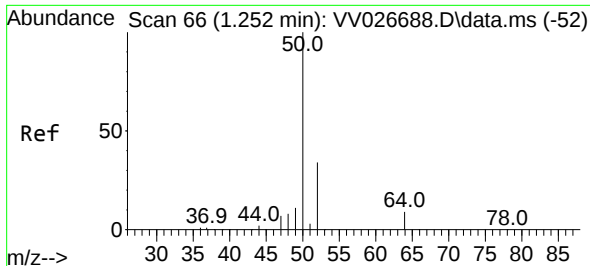
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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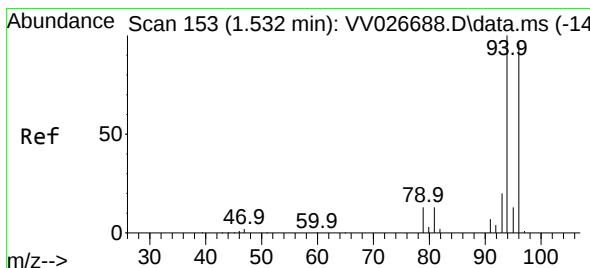
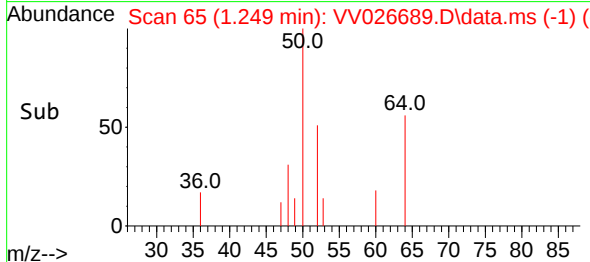
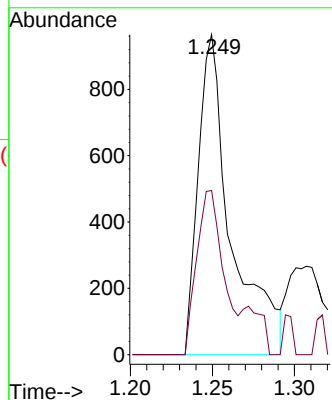
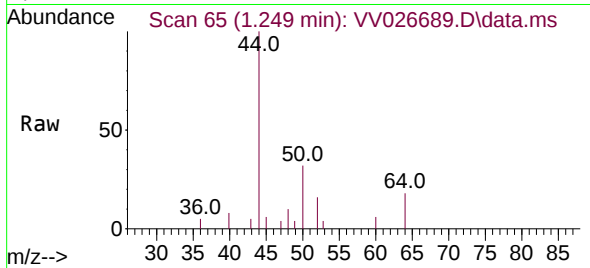




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026689.D
Acq: 08 Jul 2022 11:48

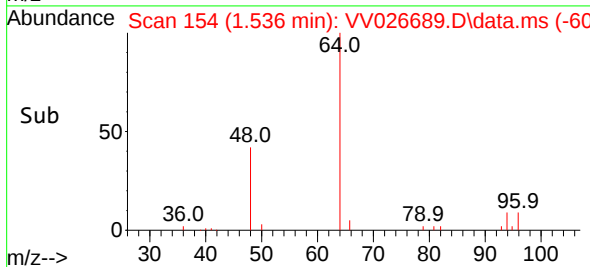
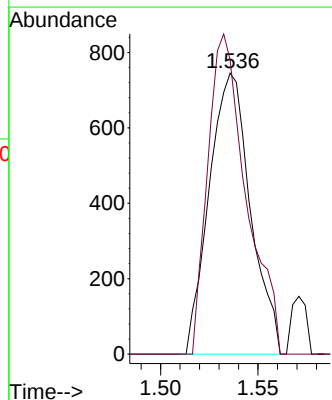
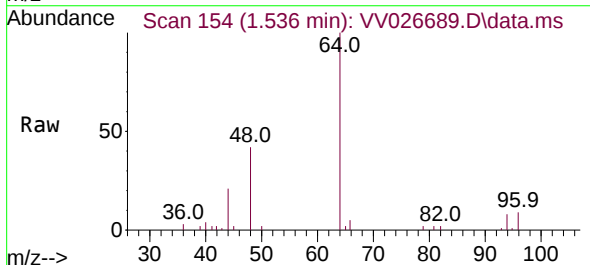
Instrument :
MSVOA_V
ClientSampleId :
VBLK391

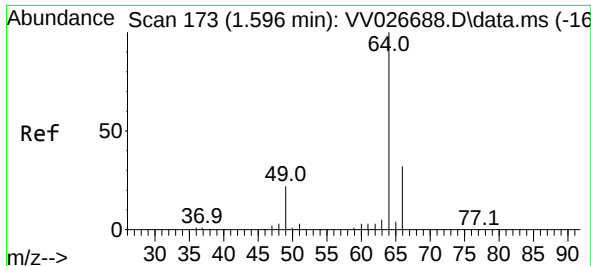
Tgt Ion: 50 Resp: 1344
Ion Ratio Lower Upper
50 100
52 51.3 23.0 42.6#



#6
Bromomethane
Concen: 0.136 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026689.D
Acq: 08 Jul 2022 11:48

Tgt Ion: 94 Resp: 1097
Ion Ratio Lower Upper
94 100
96 104.7 68.0 126.2

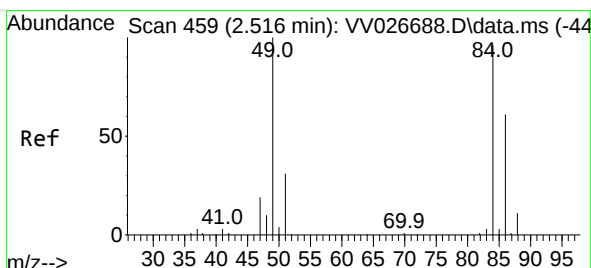
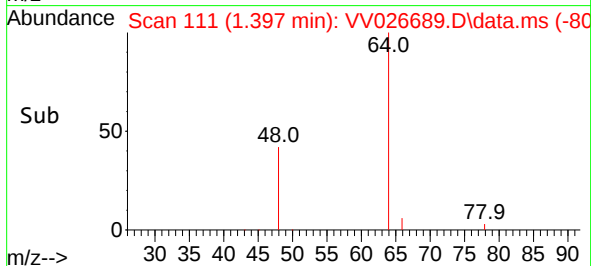
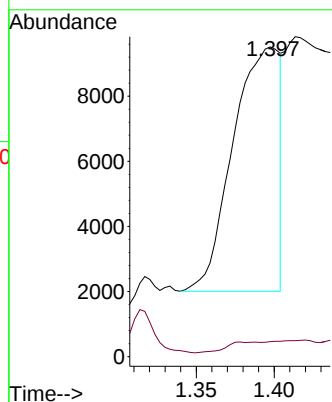
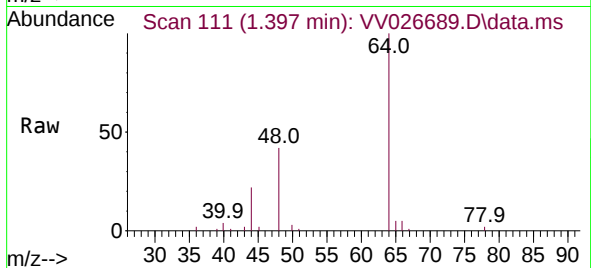




#8
Chloroethane
Concen: 1.540 ug/L
RT: 1.397 min Scan# 11
Delta R.T. -0.199 min
Lab File: VV026689.D
Acq: 08 Jul 2022 11:48

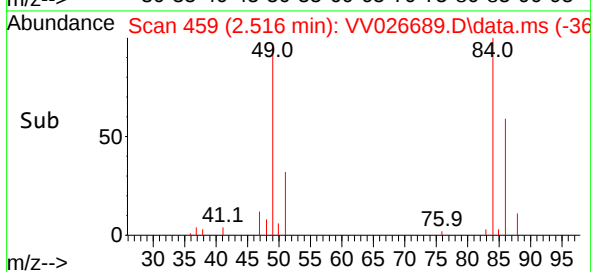
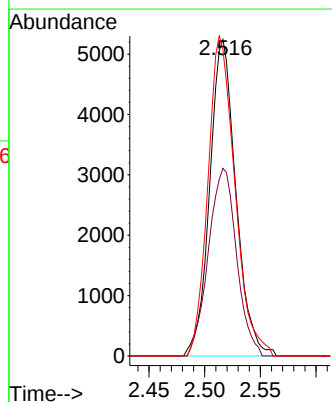
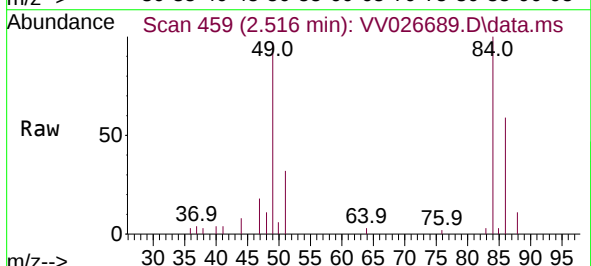
Instrument :
MSVOA_V
ClientSampleId :
VBLK391

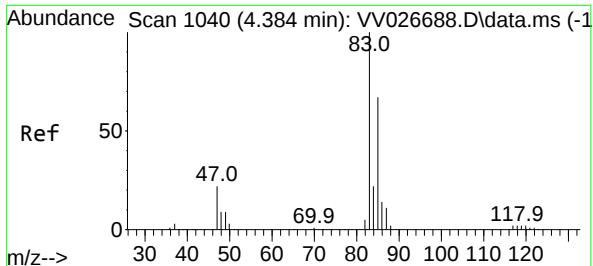
Tgt Ion: 64 Resp: 15657
Ion Ratio Lower Upper
64 100
66 4.9 20.0 37.2#



#16
Methylene chloride
Concen: 0.708 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026689.D
Acq: 08 Jul 2022 11:48

Tgt Ion: 84 Resp: 8557
Ion Ratio Lower Upper
84 100
86 59.3 46.0 85.4
49 96.9 77.7 144.3





#25

Chloroform

Concen: 0.083 ug/L

RT: 4.381 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026689.D

Acq: 08 Jul 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

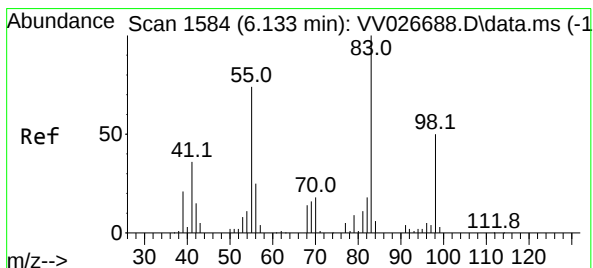
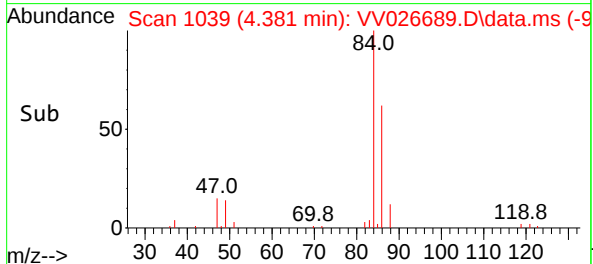
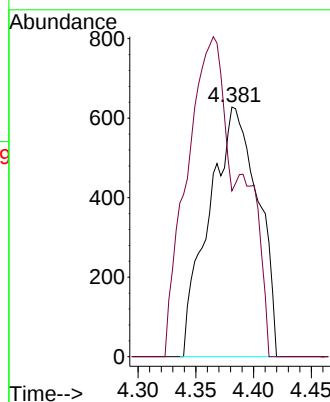
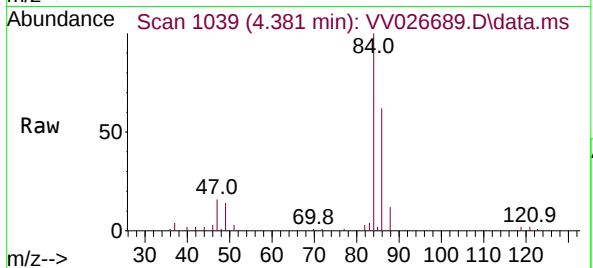
VBLK391

Tgt Ion: 83 Resp: 1850

Ion Ratio Lower Upper

83 100

85 66.4 44.0 81.8



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026689.D

Acq: 08 Jul 2022 11:48

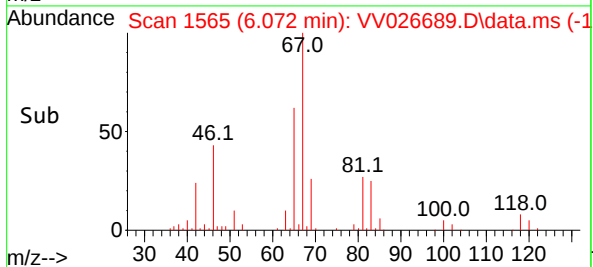
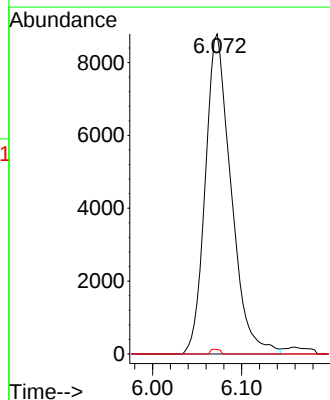
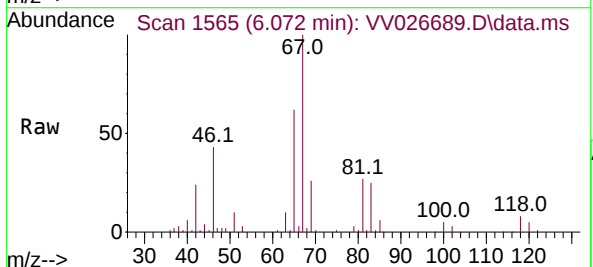
Tgt Ion: 83 Resp: 17660

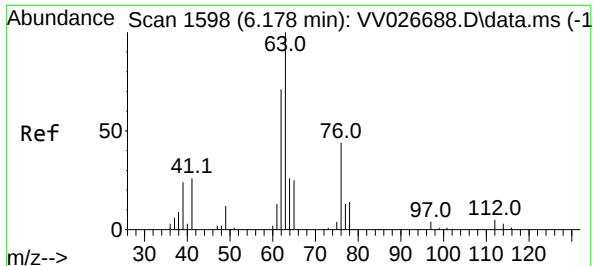
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV026689.D

Acq: 08 Jul 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

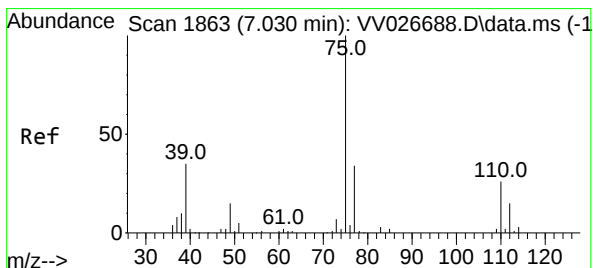
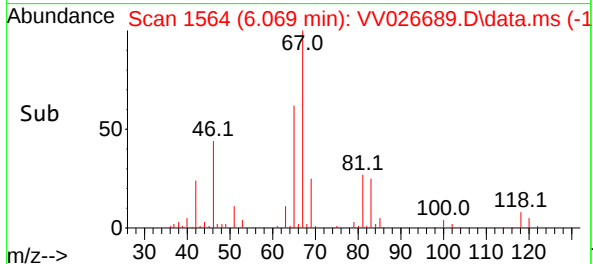
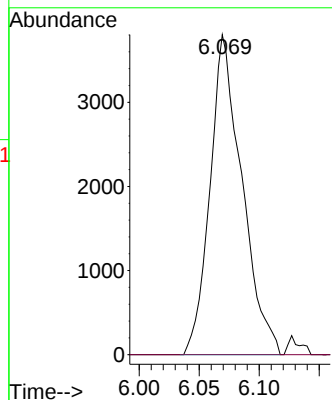
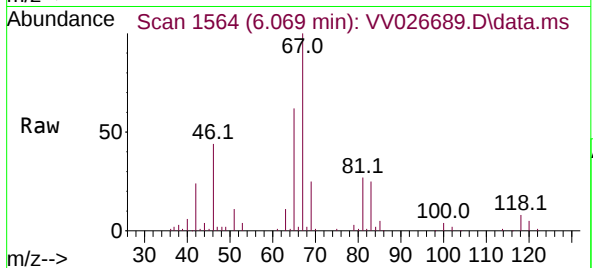
VBLK391

Tgt Ion: 63 Resp: 7051

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026689.D

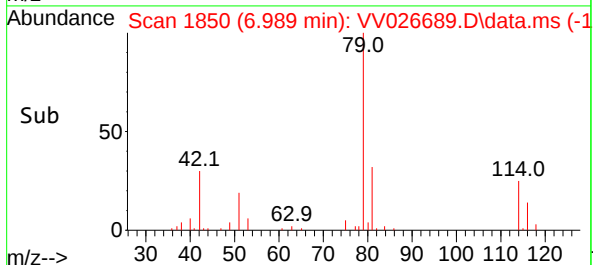
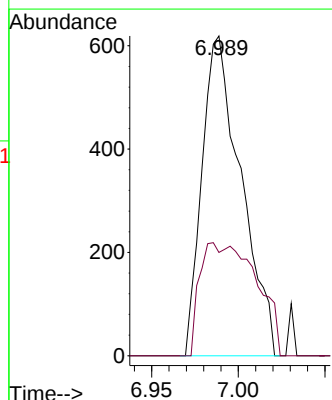
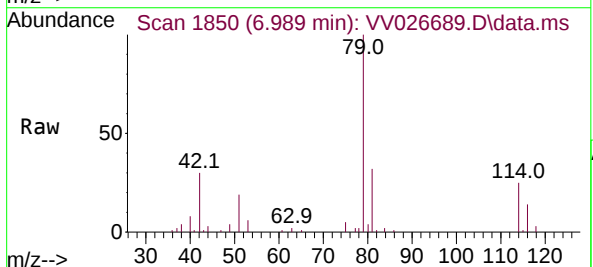
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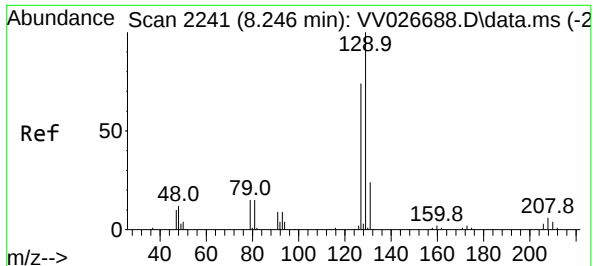
Tgt Ion: 75 Resp: 966

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4





#49

Dibromochloromethane

Concen: 0.028 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026689.D

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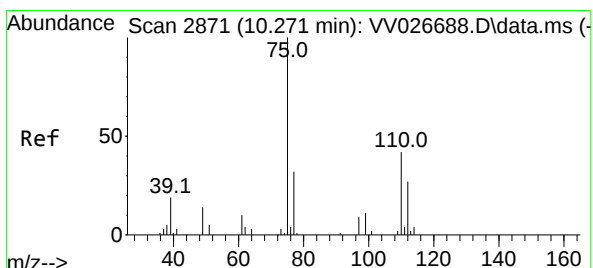
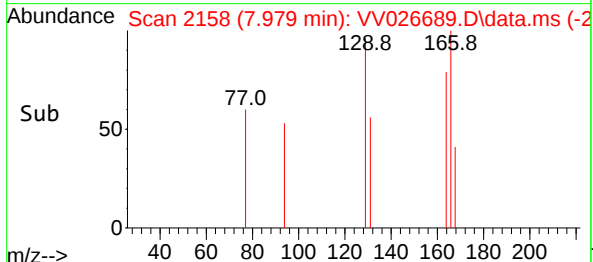
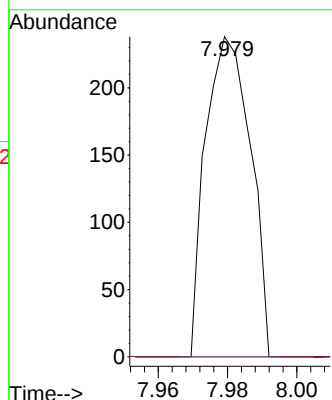
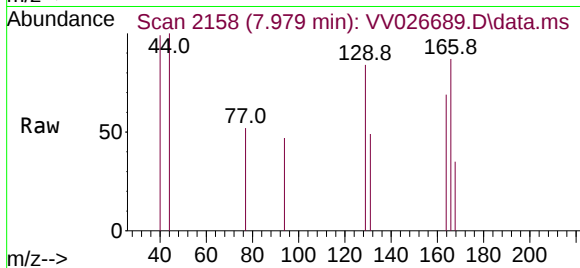
VBLK391

Tgt Ion:129 Resp: 214

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.742 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026689.D

Acq: 08 Jul 2022 11:48

Tgt Ion: 75 Resp: 7435

Ion Ratio Lower Upper

75 100

77 29.2 25.8 38.6

110 1.9 32.5 48.7#

