

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060123\
 Data File : VV031320.D
 Acq On : 01 Jun 2023 16:04
 Operator : SY/MD
 Sample : VIBLK299
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK299

Quant Time: Jun 02 02:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

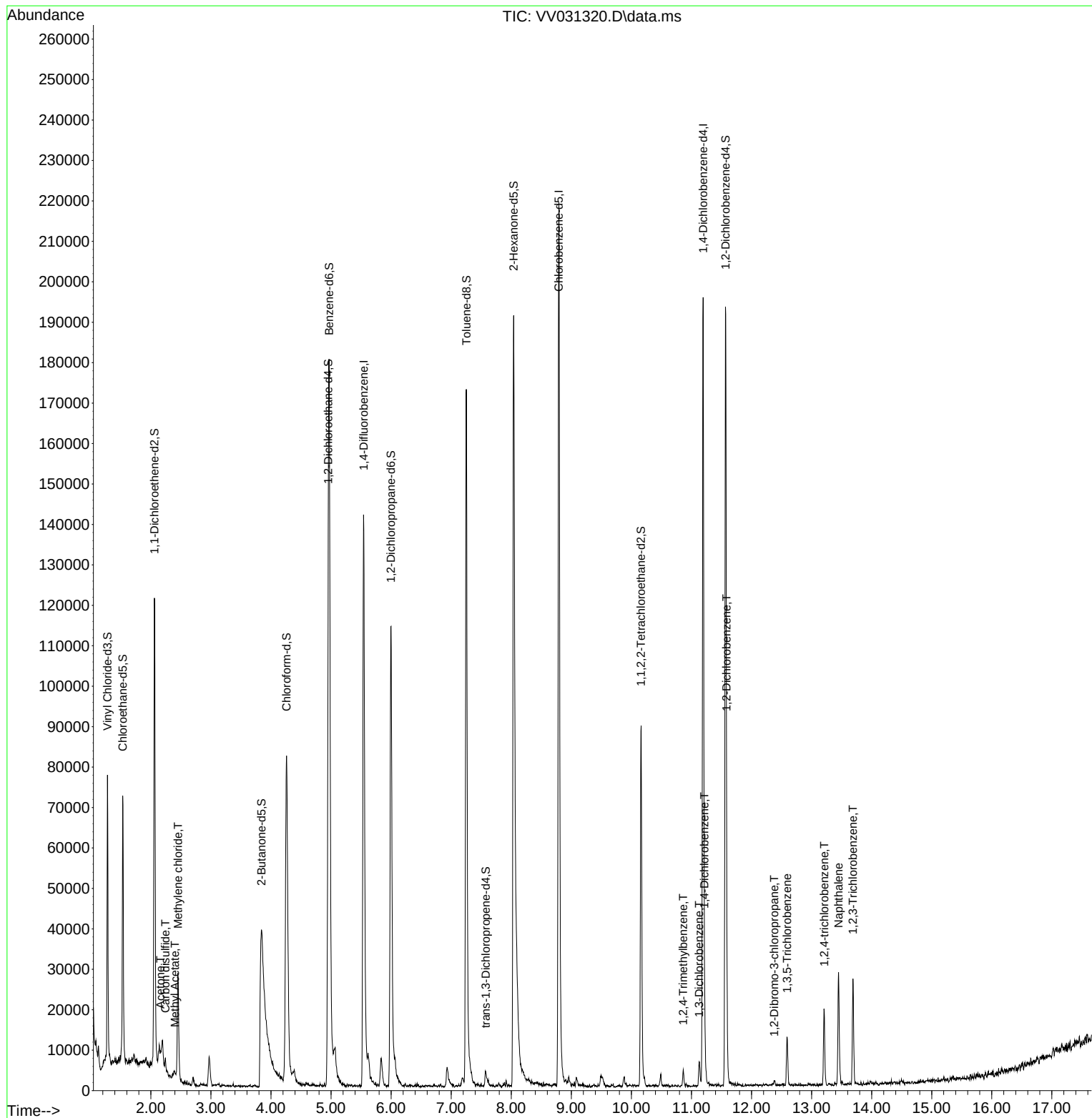
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	111788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	47728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45459	3.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.532	69	40625	4.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.060	65	21360	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.841	46	137000	52.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	4.259	84	89962	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.953	65	48434	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.970	84	154524	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.995	67	58432	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.252	98	119353	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.577	79	2837	0.658	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	13.200%#
46) 2-Hexanone-d5	8.040	63	74437	42.973	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.940%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44447	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	45359	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	8341	2.742	ug/L	88
14) Carbon disulfide	2.243	76	3098	0.100	ug/L	96
15) Methyl Acetate	2.401	43	2870	0.486	ug/L	100
16) Methylene chloride	2.452	84	10474	0.825	ug/L	98
63) 1,2,4-Trimethylbenzene	10.863	105	2126	0.074	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	2262	0.136	ug/L #	79
65) 1,4-Dichlorobenzene	11.217	146	3286	0.189	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	2986	0.187	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.378	75	294	0.220	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.590	180	3600	0.292	ug/L	94
70) 1,2,4-trichlorobenzene	13.210	180	5668	0.573	ug/L	89
71) Naphthalene	13.448	128	20555	1.354	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	6735	0.759	ug/L	93

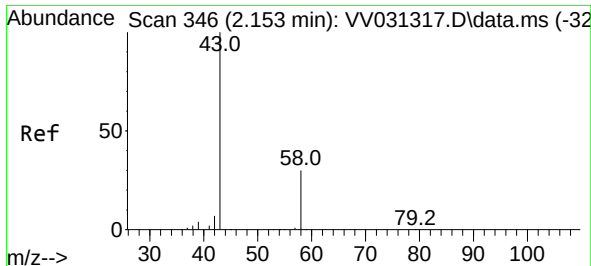
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.742 ug/L

RT: 2.159 min Scan# 346

Delta R.T. 0.006 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

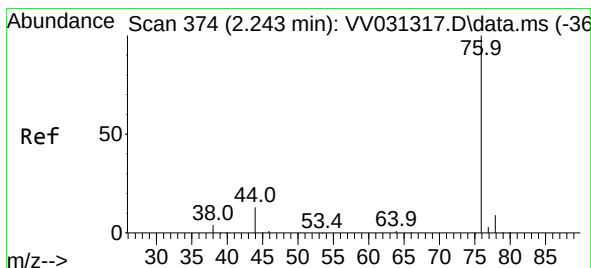
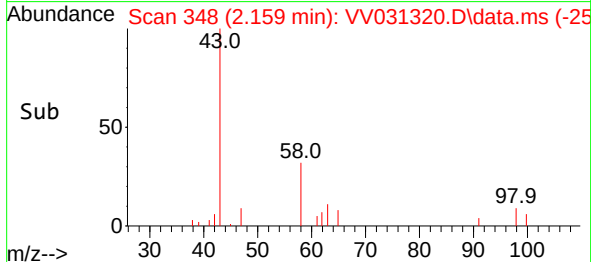
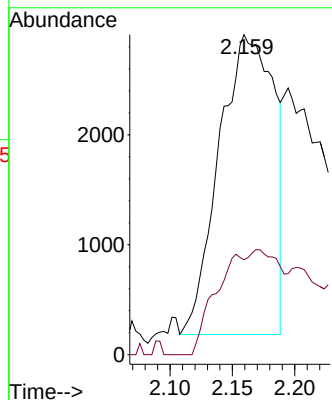
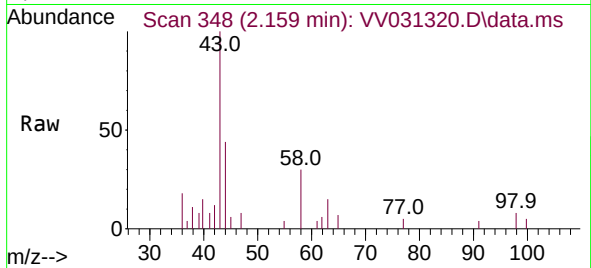
VIBLK299

Tgt Ion: 43 Resp: 8341

Ion Ratio Lower Upper

43 100

58 18.3 0.0 48.4



#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031320.D

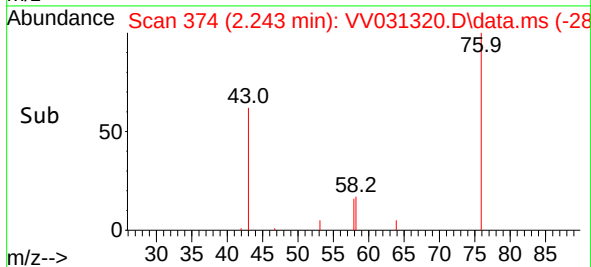
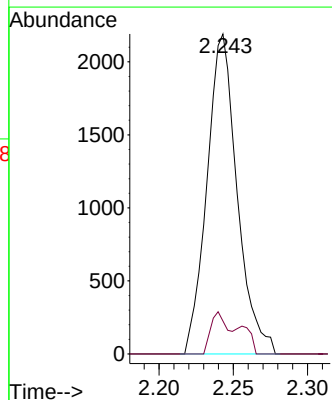
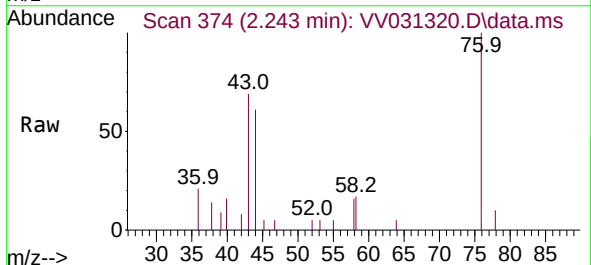
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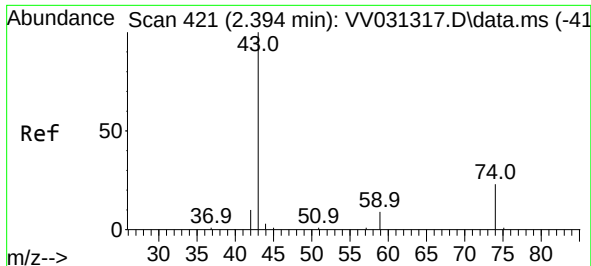
Tgt Ion: 76 Resp: 3098

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8

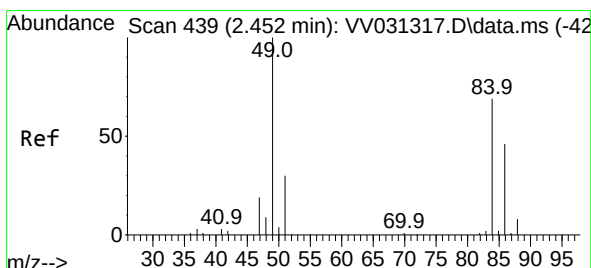
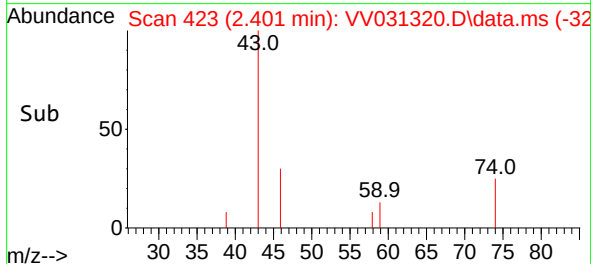
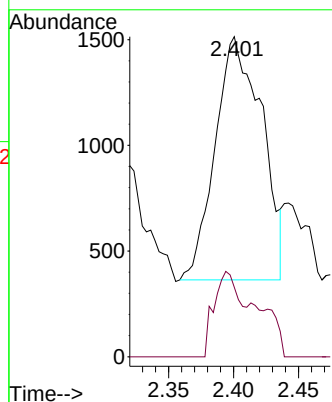
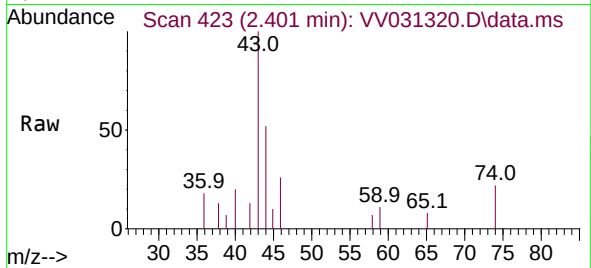




#15
Methyl Acetate
Concen: 0.486 ug/L
RT: 2.401 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

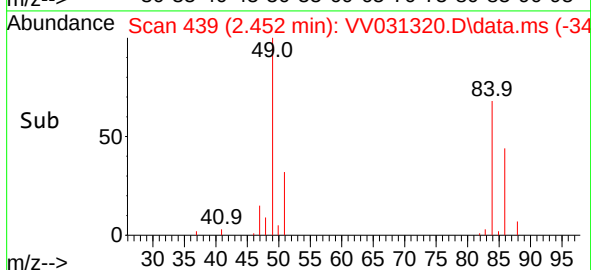
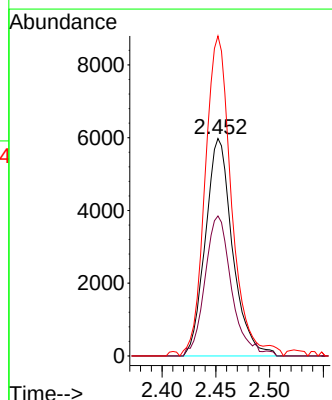
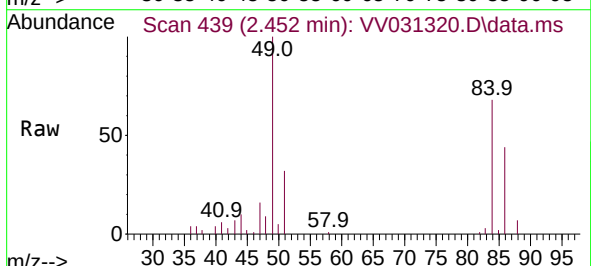
Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

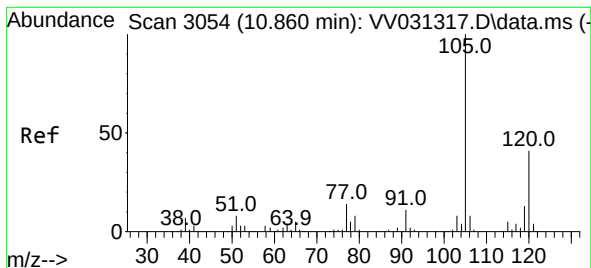
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.2



#16
Methylene chloride
Concen: 0.825 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

Tgt Ion: 84 Resp: 10474
Ion Ratio Lower Upper
84 100
86 64.4 46.7 86.7
49 147.2 101.6 188.8





#63

1,2,4-Trimethylbenzene

Concen: 0.074 ug/L

RT: 10.863 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

Instrument :

MSVOA_V

ClientSampleId :

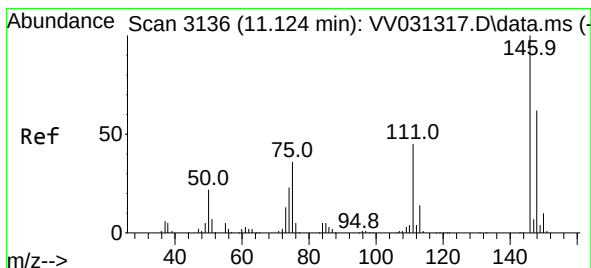
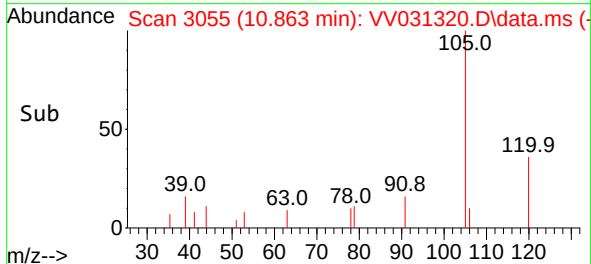
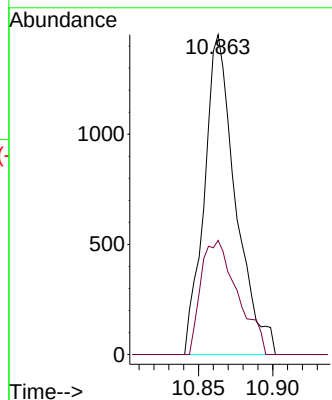
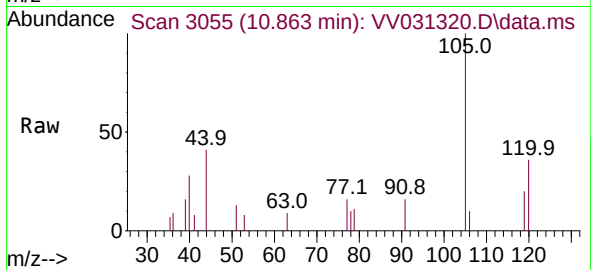
VIBLK299

Tgt Ion:105 Resp: 2126

Ion Ratio Lower Upper

105 100

120 41.8 33.2 49.8



#64

1,3-Dichlorobenzene

Concen: 0.136 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.006 min

Lab File: VV031320.D

Acq: 01 Jun 2023 16:04

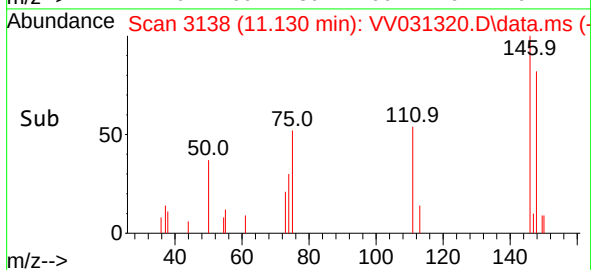
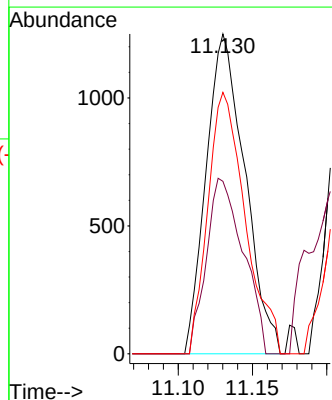
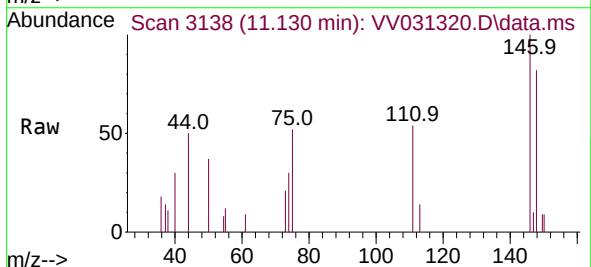
Tgt Ion:146 Resp: 2262

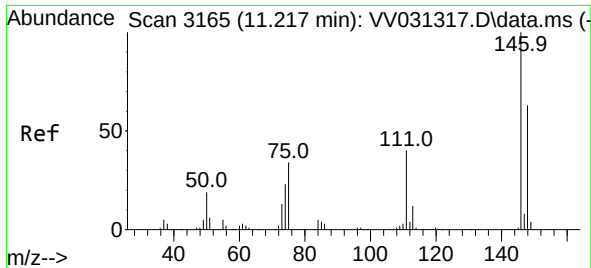
Ion Ratio Lower Upper

146 100

111 53.9 31.1 57.9

148 81.8 43.6 81.0#

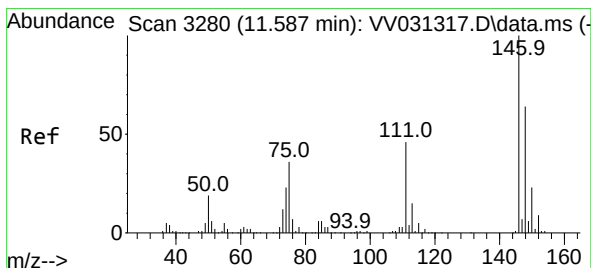
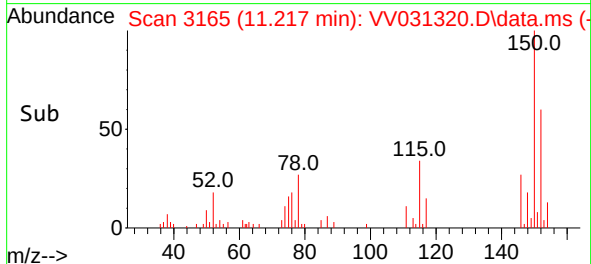
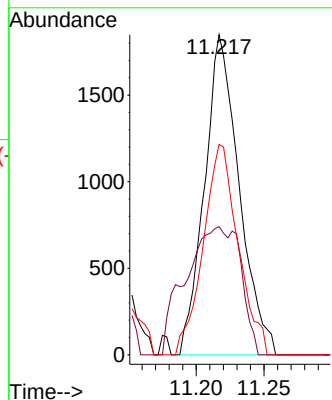
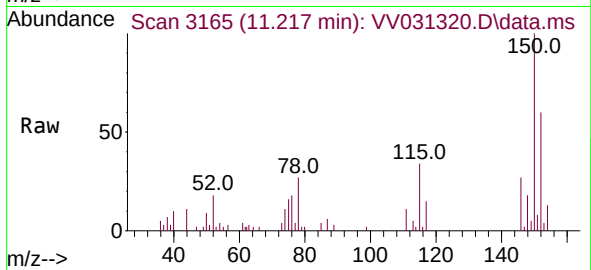




#65
1,4-Dichlorobenzene
Concen: 0.189 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

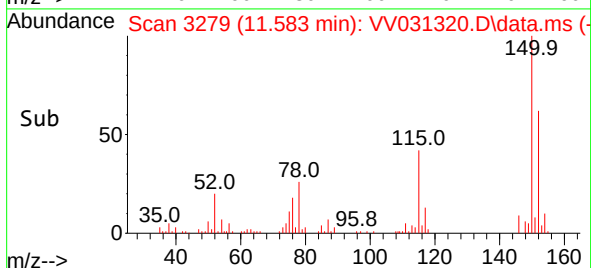
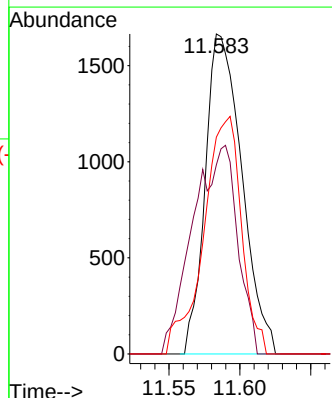
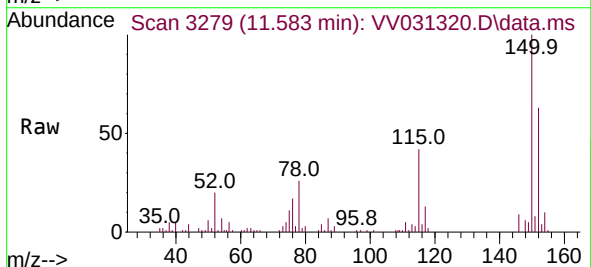
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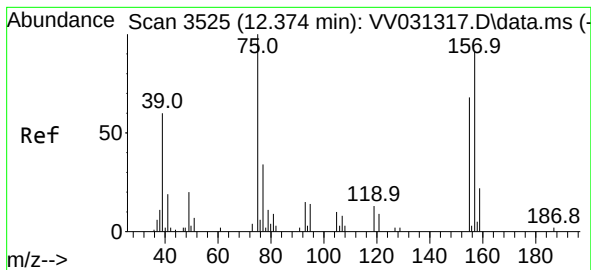
Tgt Ion:146 Resp: 3286
Ion Ratio Lower Upper
146 100
111 40.0 28.4 52.8
148 65.7 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.187 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

Tgt Ion:146 Resp: 2986
Ion Ratio Lower Upper
146 100
111 59.1 36.6 54.8#
148 67.7 51.1 76.7

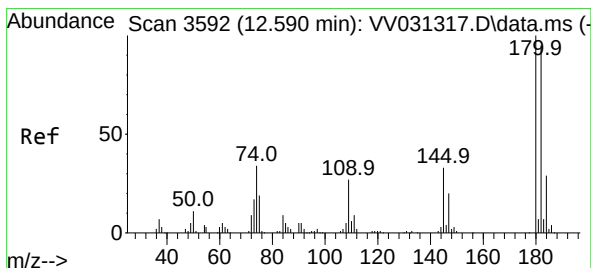
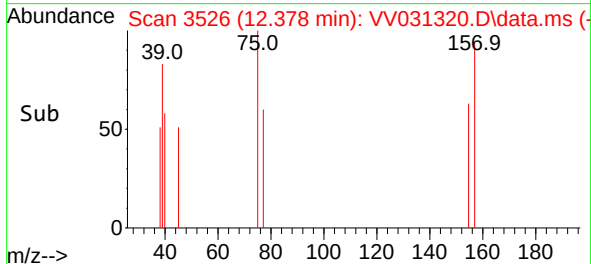
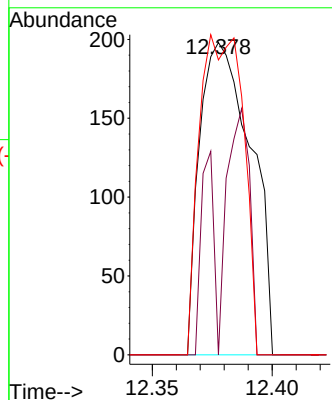
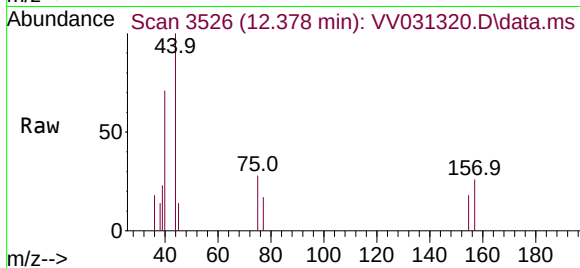




#68
1,2-Dibromo-3-chloropropane
Concen: 0.220 ug/L
RT: 12.378 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

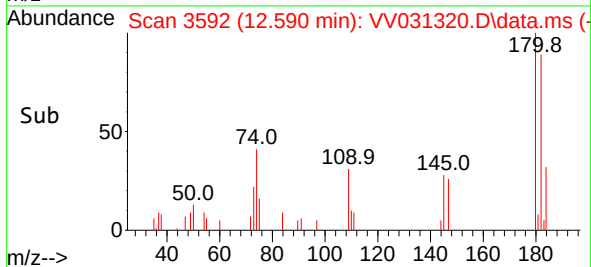
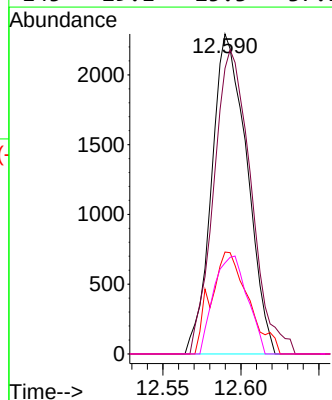
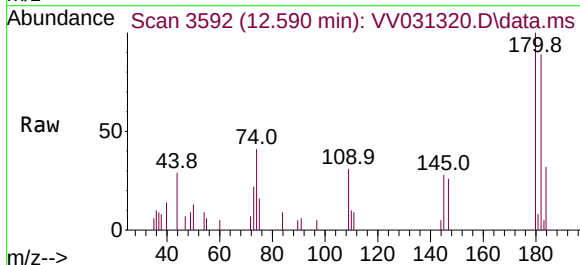
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VIBLK299

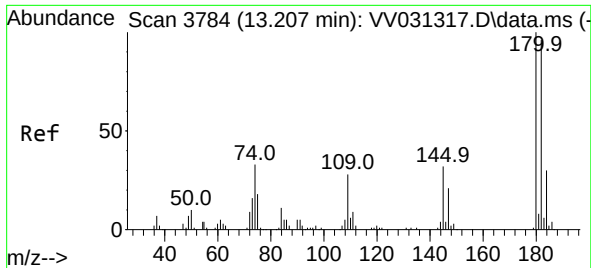
Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
155 0.0 54.6 82.0#
157 94.4 72.7 109.1



#69
1,3,5-Trichlorobenzene
Concen: 0.292 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.000 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

Tgt Ion: 180 Resp: 3600
Ion Ratio Lower Upper
180 100
182 100.4 76.1 114.1
184 33.9 23.8 35.6
145 29.1 25.3 37.9

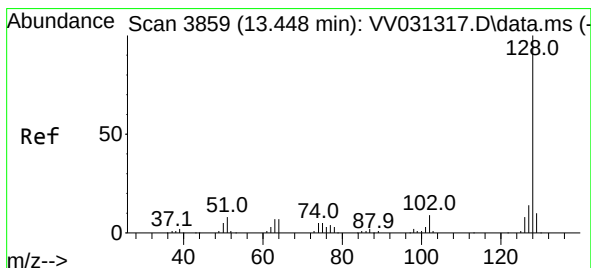
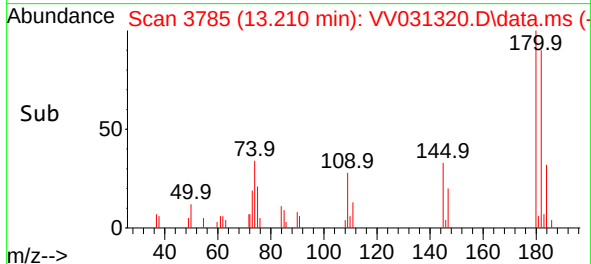
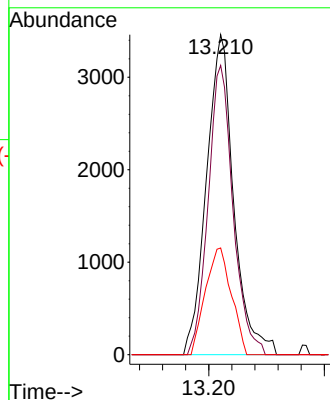
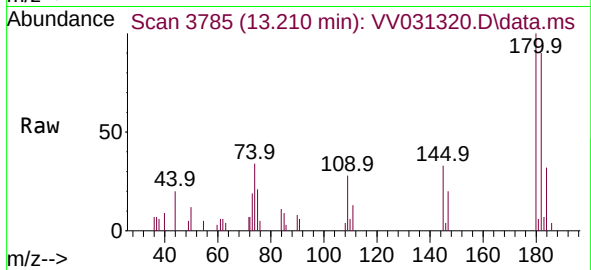




#70
1,2,4-trichlorobenzene
Concen: 0.573 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

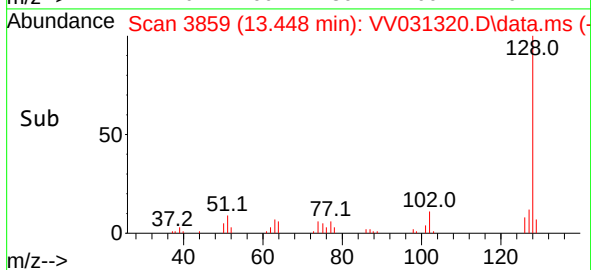
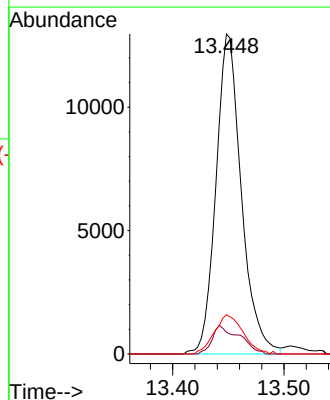
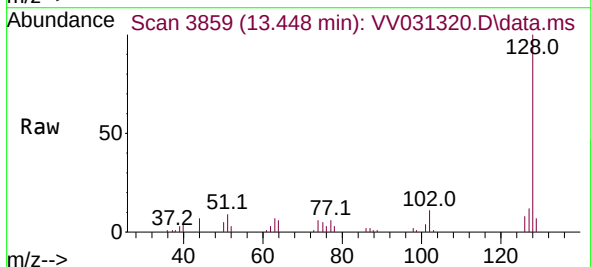
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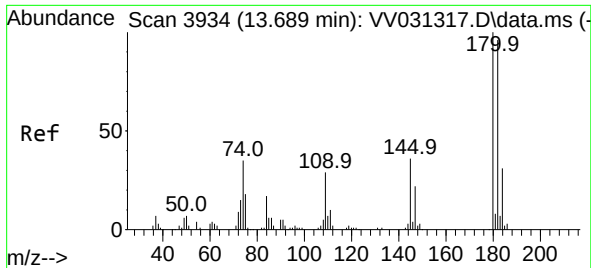
Tgt Ion:180 Resp: 5668
Ion Ratio Lower Upper
180 100
182 82.5 76.7 115.1
145 31.7 26.3 39.5



#71
Naphthalene
Concen: 1.354 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV031320.D
Acq: 01 Jun 2023 16:04

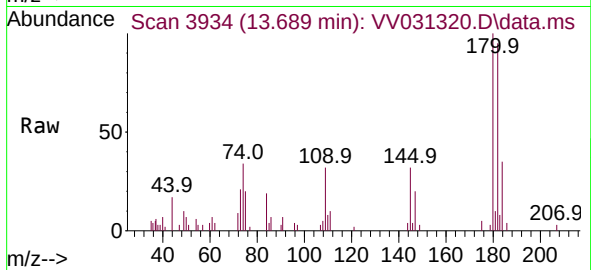
Tgt Ion:128 Resp: 20555
Ion Ratio Lower Upper
128 100
129 9.5 9.0 13.6
127 13.9 11.4 17.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.759 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.000 min
 Lab File: VV031320.D
 Acq: 01 Jun 2023 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK299



Tgt Ion:	180	Resp:	6735
Ion	Ratio	Lower	Upper
180	100		
182	103.4	75.4	113.0
145	35.2	27.8	41.6

