

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025896.D
 Acq On : 13 May 2022 18:29
 Operator : SY/MD
 Sample : VIBLK249
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK249

Quant Time: May 14 07:23:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 07:17:53 2022
 Response via : Initial Calibration

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

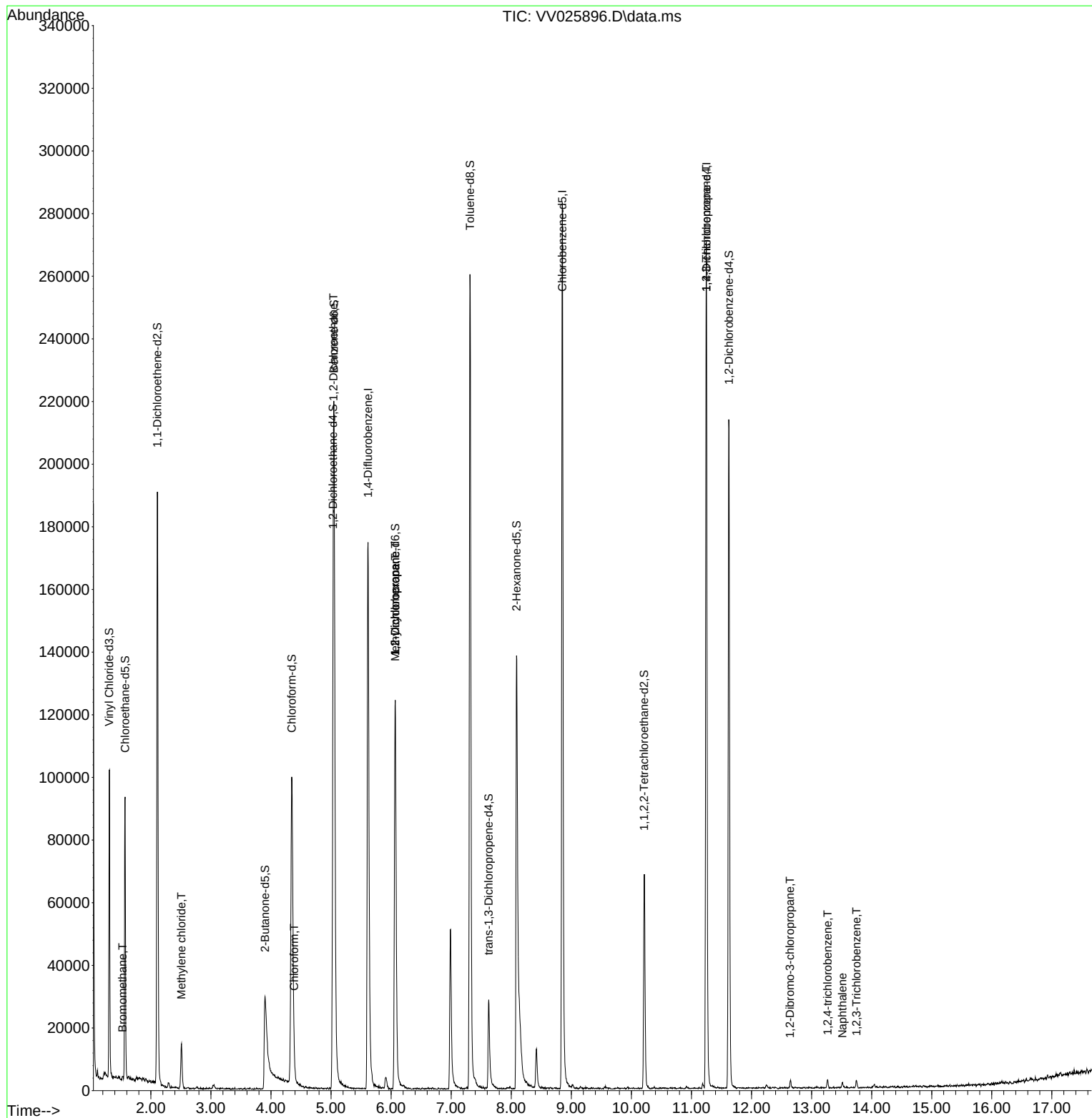
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	153467	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64017	5.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.571	69	57415	5.290	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.108	63	100156	3.570	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 71.400%		
20) 2-Butanone-d5	3.902	46	50251	34.234	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 68.460%		
24) Chloroform-d	4.346	84	103447	4.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
26) 1,2-Dichloroethane-d4	5.034	65	44522	5.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.400%		
32) Benzene-d6	5.050	84	209659	5.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
36) 1,2-Dichloropropane-d6	6.069	67	62607	5.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.600%		
41) Toluene-d8	7.313	98	178752	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.400%		
43) trans-1,3-Dichloroprop...	7.625	79	17941	4.627	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.600%		
46) 2-Hexanone-d5	8.088	63	60069	41.727	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 83.460%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34439	4.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	54395	5.454	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.000%		
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	743	0.063	ug/L	95
16) Methylene chloride	2.510	84	5693	0.380	ug/L	88
25) Chloroform	4.384	83	2653	0.107	ug/L	87
27) 1,2-Dichloroethane	5.040	62	1317	0.101	ug/L #	80
35) Methylcyclohexane	6.066	83	14264	0.684	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6859	0.547	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	9003	1.544	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.641	75	253	0.224	ug/L #	3
70) 1,2,4-trichlorobenzene	13.268	180	882	0.070	ug/L #	89
71) Naphthalene	13.513	128	1905	0.102	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.747	180	1025	0.095	ug/L	97

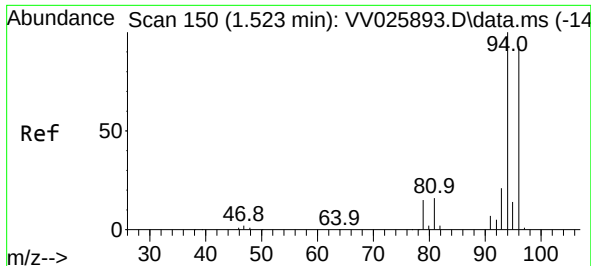
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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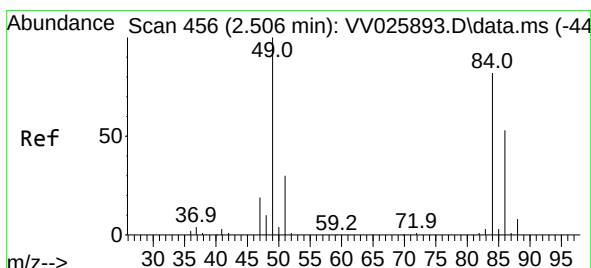
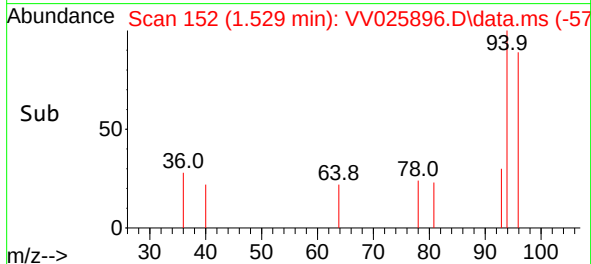
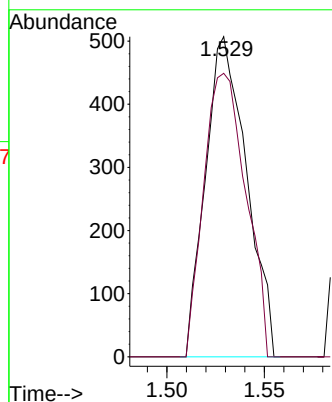
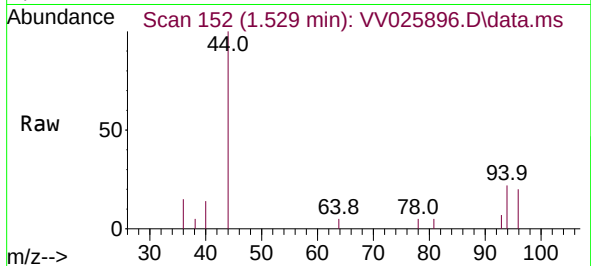




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

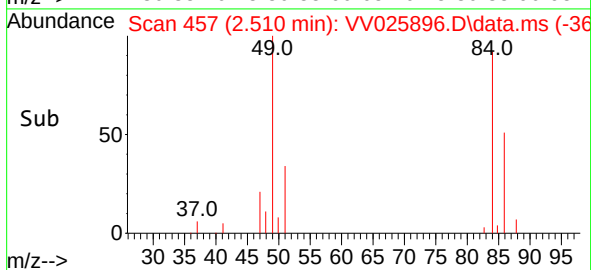
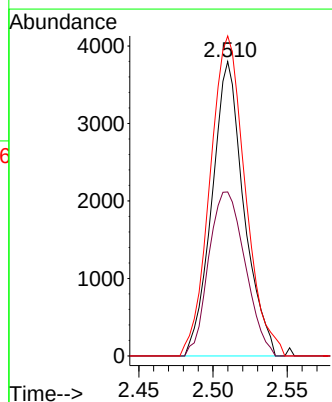
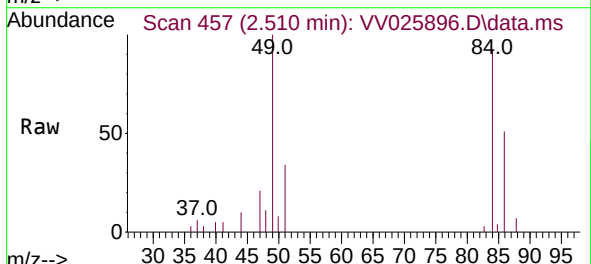
Instrument :
MSVOA_V
ClientSampleId :
VIBLK249

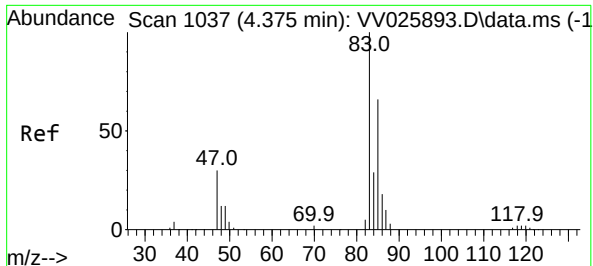
Tgt Ion: 94 Resp: 743
Ion Ratio Lower Upper
94 100
96 88.6 65.4 121.4



#16
Methylene chloride
Concen: 0.380 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

Tgt Ion: 84 Resp: 5693
Ion Ratio Lower Upper
84 100
86 55.7 45.4 84.2
49 108.7 85.6 159.0

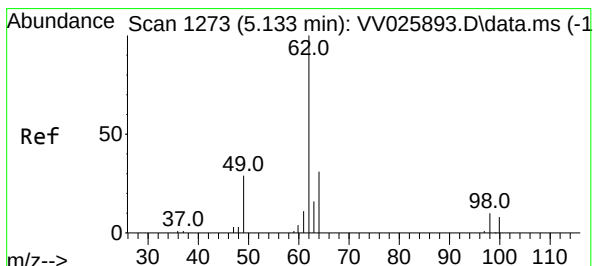
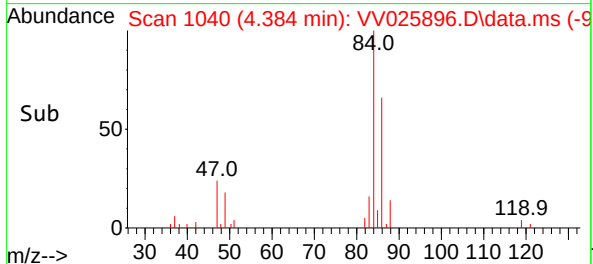
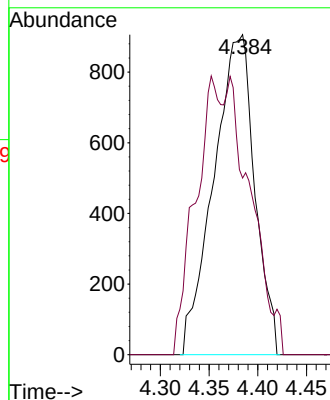
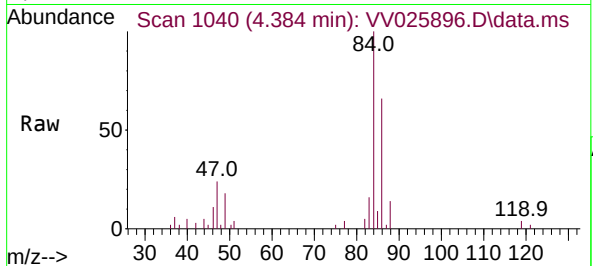




#25
Chloroform
Concen: 0.107 ug/L
RT: 4.384 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

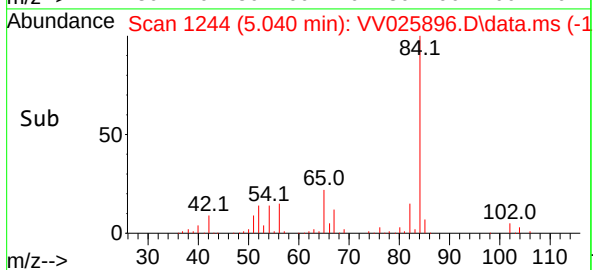
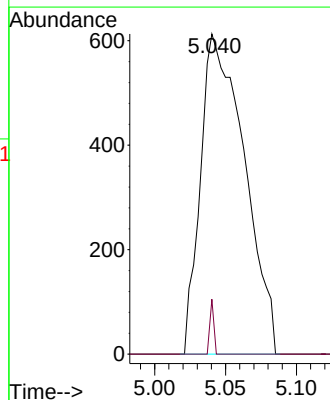
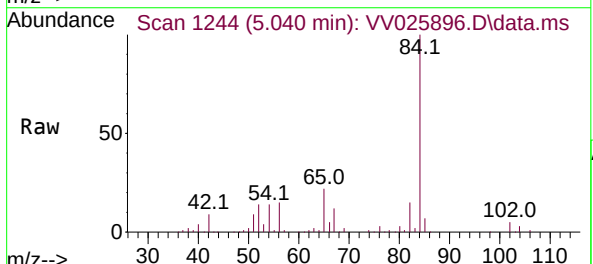
Instrument :
MSVOA_V
ClientSampleId :
VIBLK249

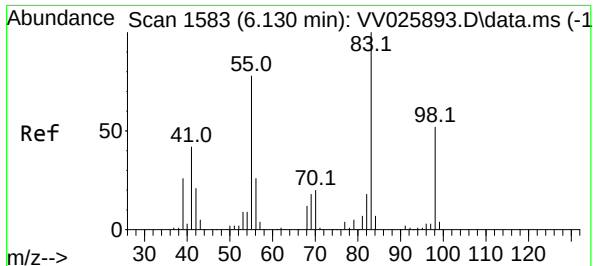
Tgt Ion: 83 Resp: 2653
Ion Ratio Lower Upper
83 100
85 55.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.093 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

Tgt Ion: 62 Resp: 1317
Ion Ratio Lower Upper
62 100
98 17.1 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV025896.D

Acq: 13 May 2022 18:29

Instrument :

MSVOA_V

ClientSampleId :

VIBLK249

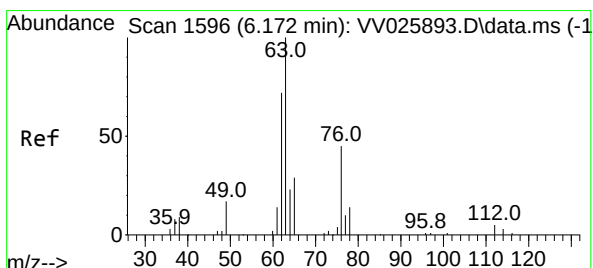
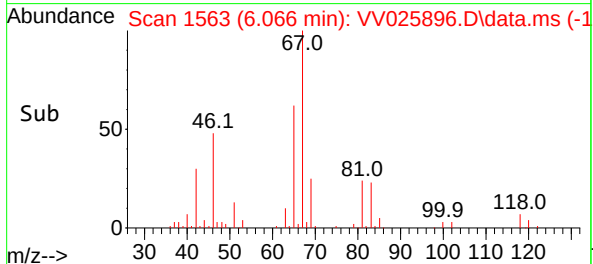
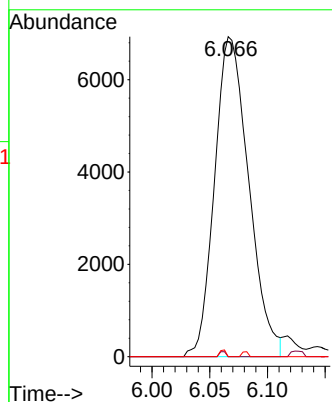
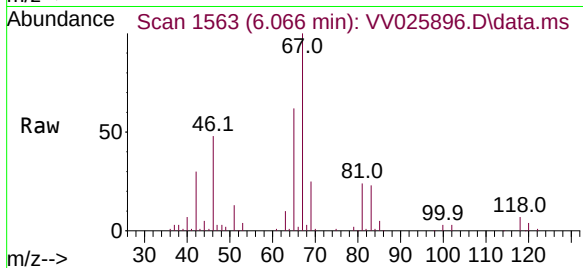
Tgt Ion: 83 Resp: 14264

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 0.4 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV025896.D

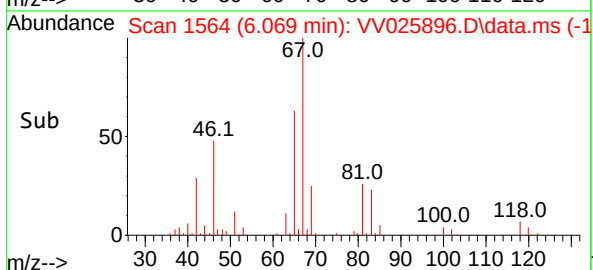
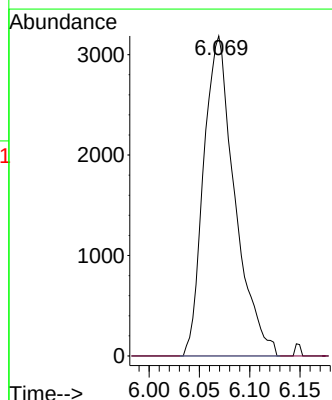
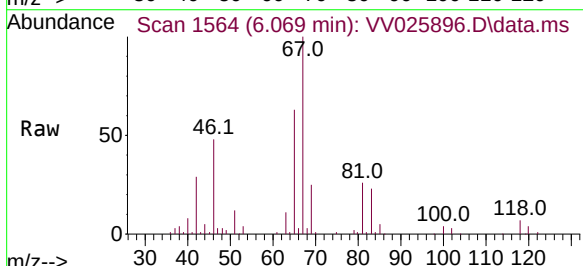
Acq: 13 May 2022 18:29

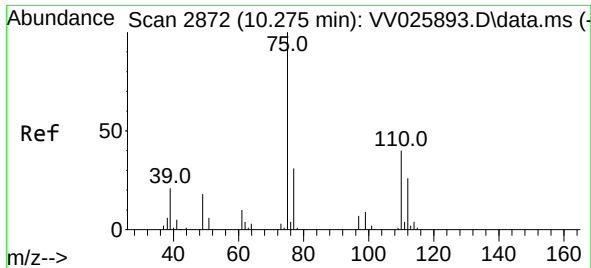
Tgt Ion: 63 Resp: 6859

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

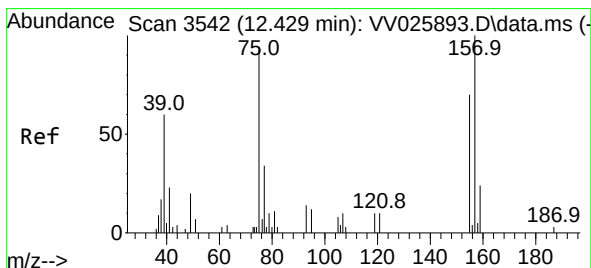
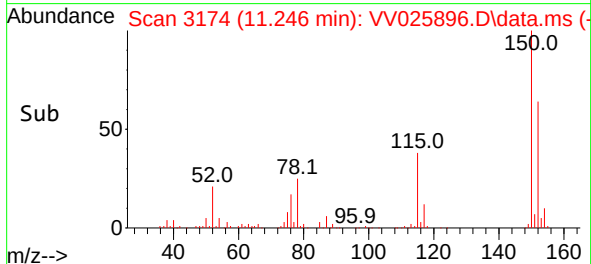
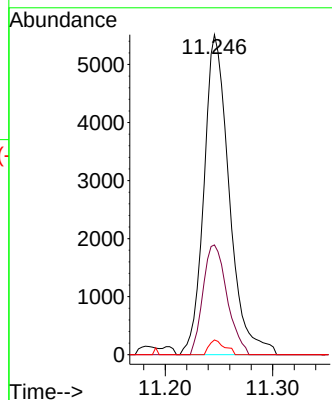
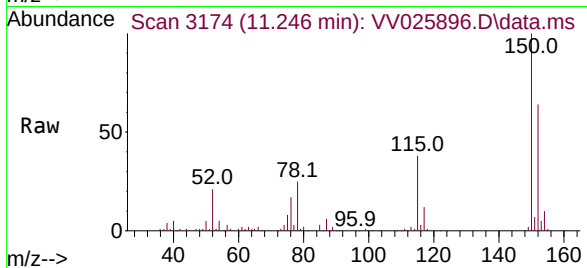




#61
1,2,3-Trichloropropane
Concen: 1.544 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

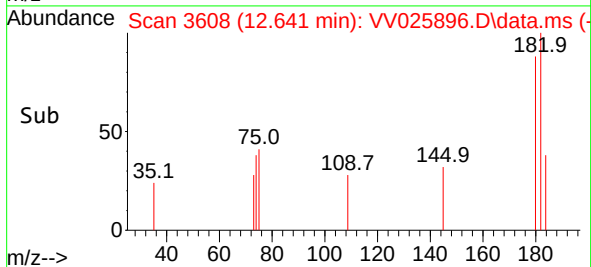
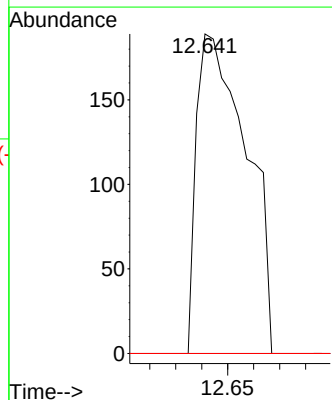
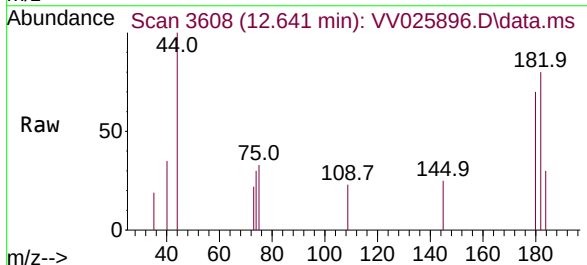
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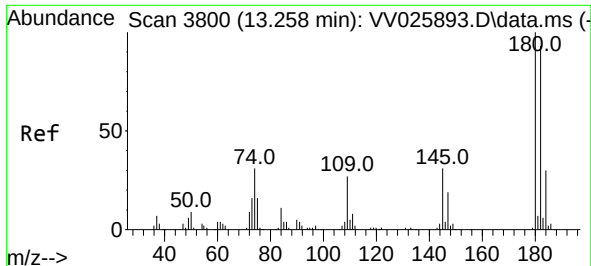
Tgt Ion: 75 Resp: 9003
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 2.8 32.4 48.6#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.224 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.212 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

Tgt Ion: 75 Resp: 253
Ion Ratio Lower Upper
75 100
155 0.0 59.6 89.4#
157 0.0 85.3 127.9#

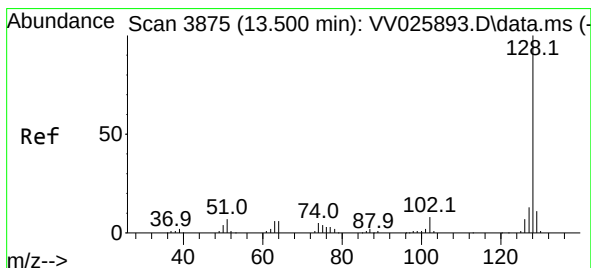
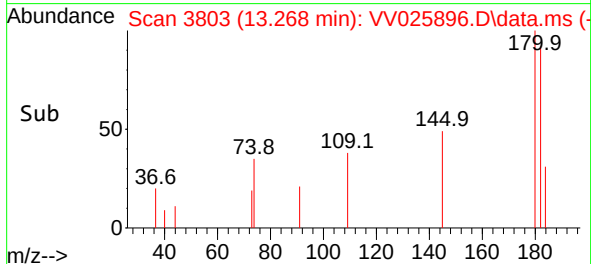
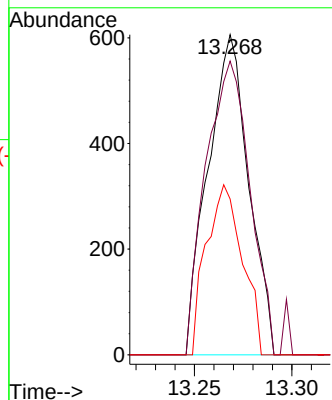
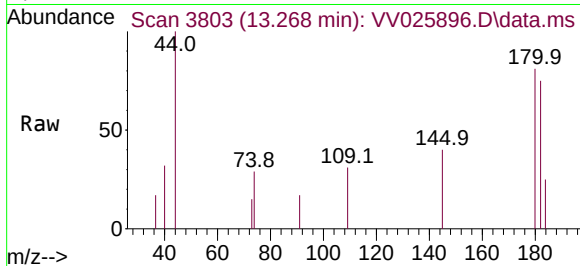




#70
1,2,4-trichlorobenzene
Concen: 0.070 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

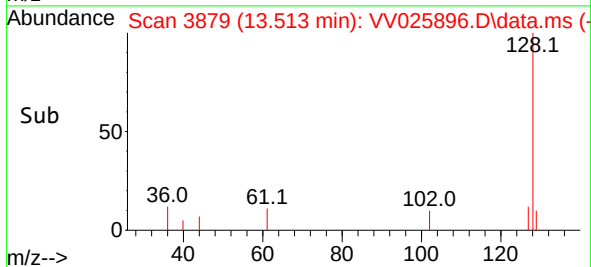
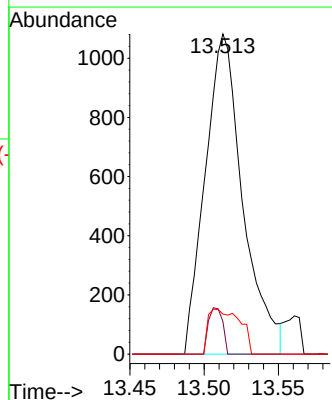
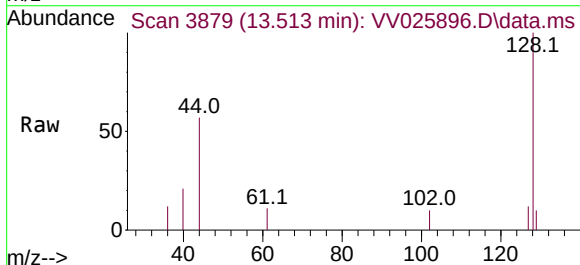
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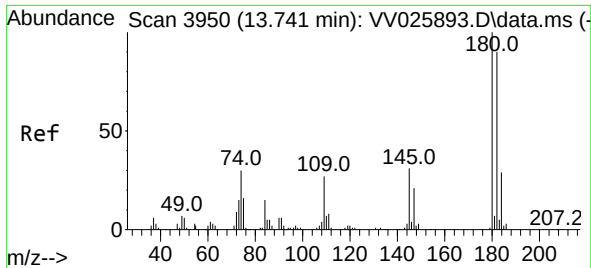
Tgt Ion:180 Resp: 882
Ion Ratio Lower Upper
180 100
182 99.2 75.0 112.4
145 47.2 25.1 37.7#



#71
Naphthalene
Concen: 0.102 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025896.D
Acq: 13 May 2022 18:29

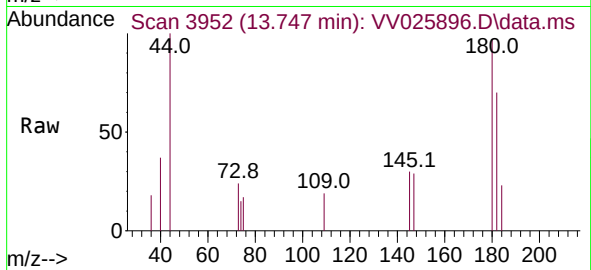
Tgt Ion:128 Resp: 1905
Ion Ratio Lower Upper
128 100
129 5.4 8.8 13.2#
127 11.8 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.007 min
 Lab File: VV025896.D
 Acq: 13 May 2022 18:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK249



Tgt Ion:	180	Resp:	1025
Ion	Ratio	Lower	Upper
180	100		
182	90.7	73.5	110.3
145	28.8	25.9	38.9

