

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030964.D
 Acq On : 01 May 2023 18:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK293

Quant Time: May 02 01:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

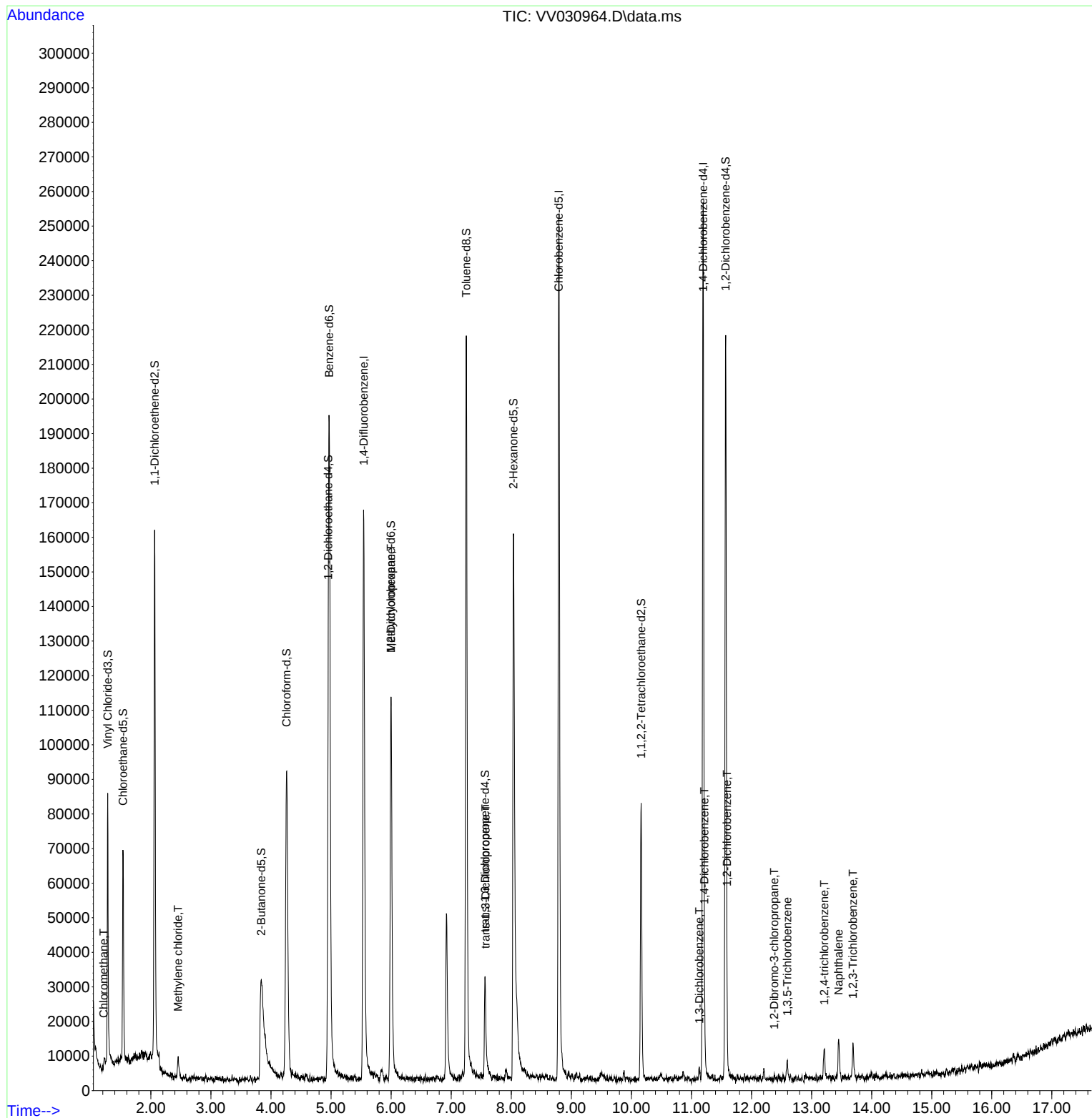
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	135556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47180	4.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.535	69	39607	4.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.063	65	25609	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.838	46	77850	37.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.680%
24) Chloroform-d	4.259	84	93580	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.953	65	50549	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	4.969	84	166566	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.998	67	47309	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.249	98	147124	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.564	79	18074	4.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.037	63	57600	37.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34246	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	55952	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1183	0.091	ug/L #	74
16) Methylene chloride	2.455	84	2736	0.255	ug/L	88
35) Methylcyclohexane	5.998	83	13818	0.981	ug/L #	17
44) trans-1,3-Dichloropropene	7.571	75	1363	0.132	ug/L	85
64) 1,3-Dichlorobenzene	11.133	146	1248	0.065	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	1822	0.095	ug/L	93
67) 1,2-Dichlorobenzene	11.590	146	1681	0.098	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.377	75	260	0.237	ug/L #	25
69) 1,3,5-Trichlorobenzene	12.596	180	1773	0.117	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	2924	0.252	ug/L	96
71) Naphthalene	13.451	128	8965	0.538	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	2888	0.294	ug/L	99

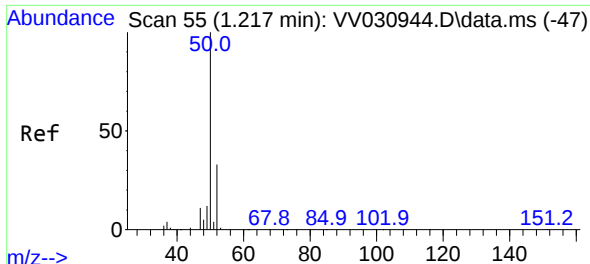
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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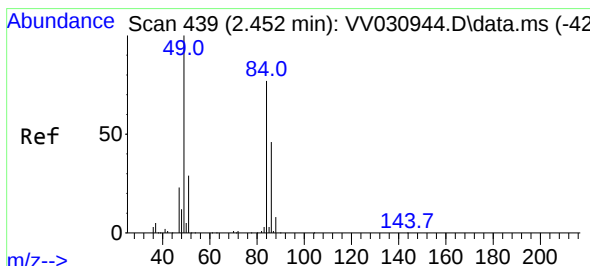
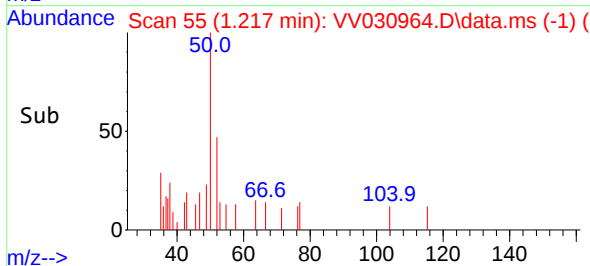
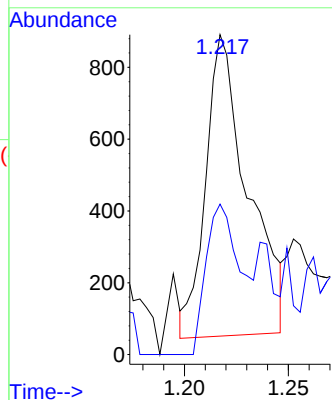
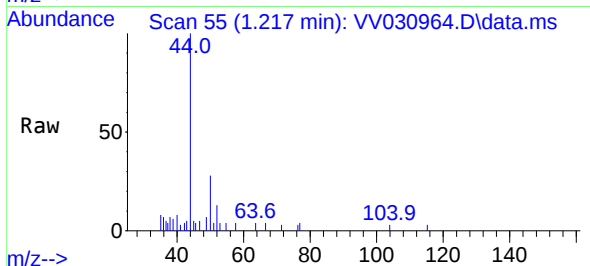




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

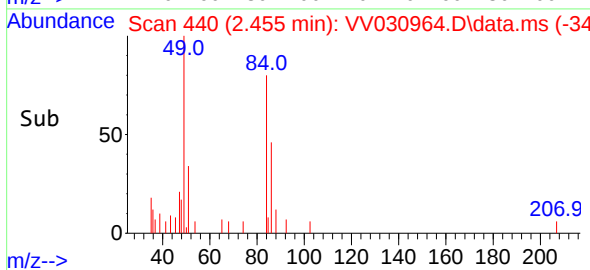
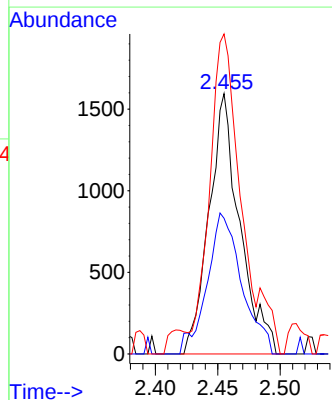
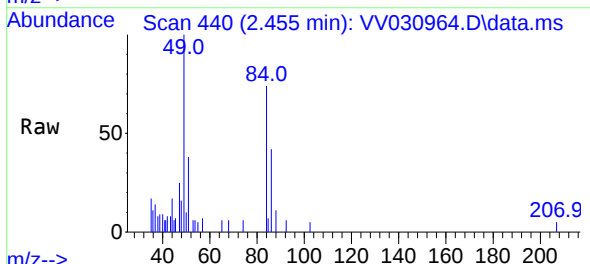
Instrument :
MSVOA_V
ClientSampleId :
VIBLK293

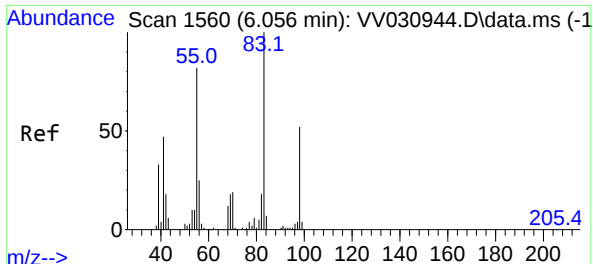
Tgt Ion: 50 Resp: 1183
Ion Ratio Lower Upper
50 100
52 47.0 22.8 42.4#



#16
Methylene chloride
Concen: 0.255 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

Tgt Ion: 84 Resp: 2736
Ion Ratio Lower Upper
84 100
86 52.1 46.1 85.5
49 122.9 94.3 175.1





#35

Methylcyclohexane

Concen: 0.981 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV030964.D

Acq: 01 May 2023 18:41

Instrument :

MSVOA_V

ClientSampleId :

VIBLK293

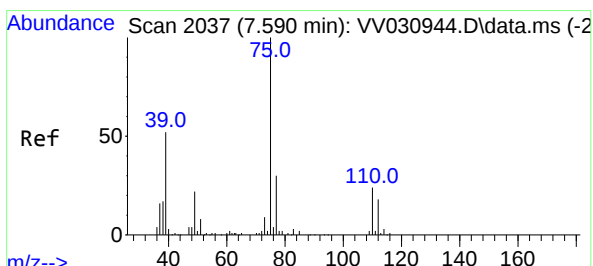
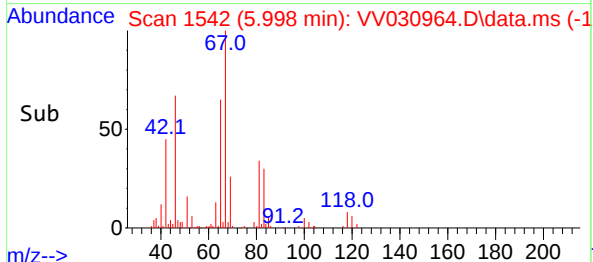
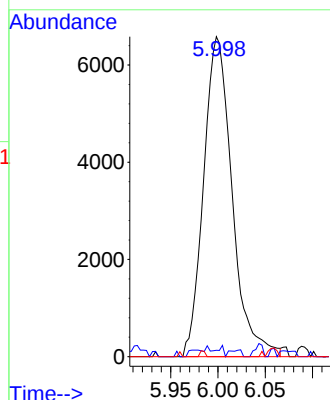
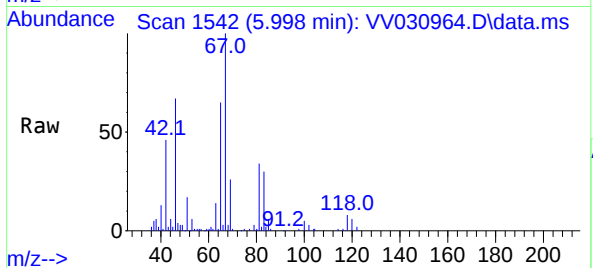
Tgt Ion: 83 Resp: 13818

Ion Ratio Lower Upper

83 100

55 0.7 62.9 94.3#

98 0.0 40.5 60.7#



#44

trans-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.023 min

Lab File: VV030964.D

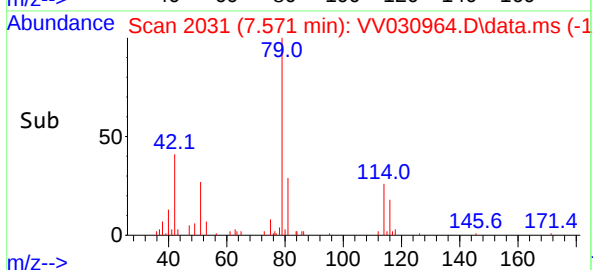
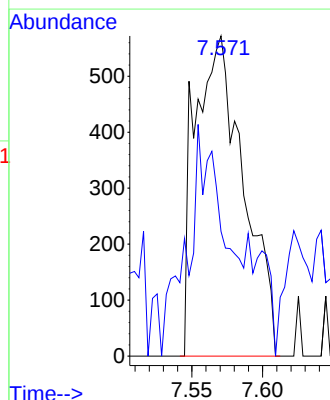
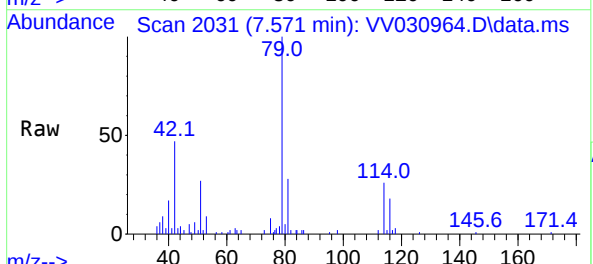
Acq: 01 May 2023 18:41

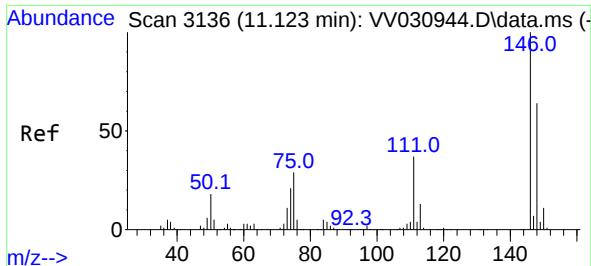
Tgt Ion: 75 Resp: 1363

Ion Ratio Lower Upper

75 100

77 39.0 21.6 40.0

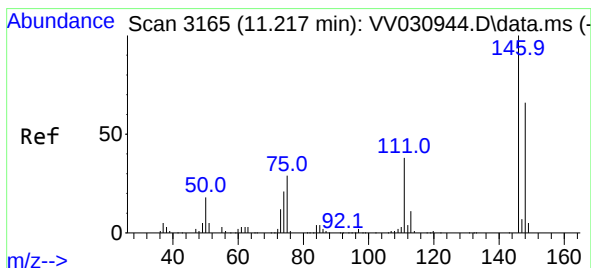
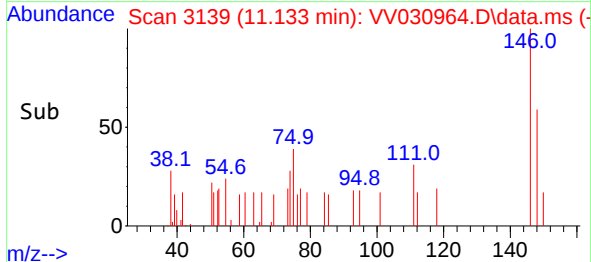
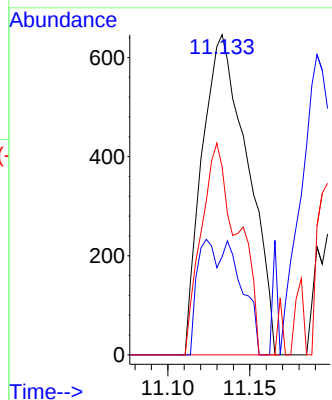
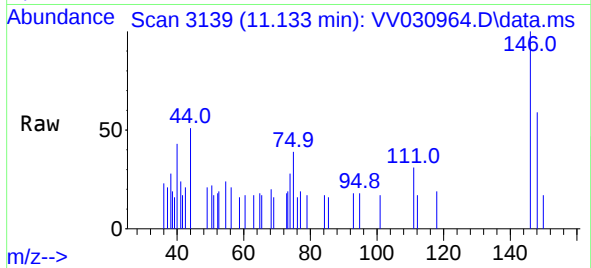




#64
1,3-Dichlorobenzene
Concen: 0.065 ug/L
RT: 11.133 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

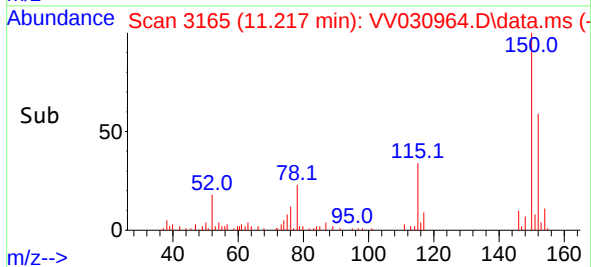
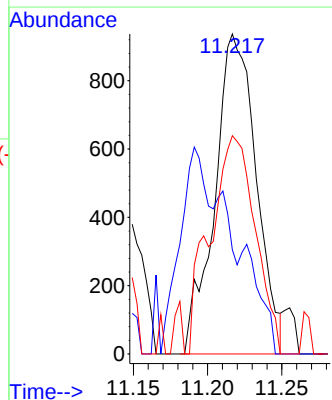
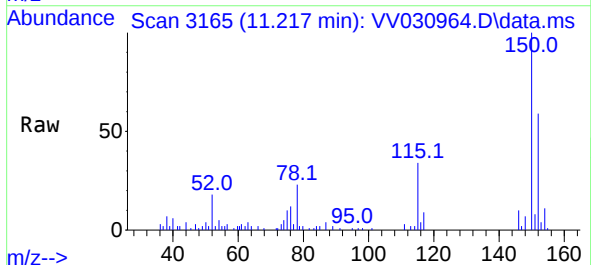
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MSVOA_V
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VIBLK293

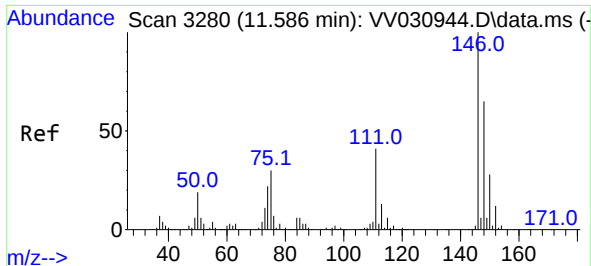
Tgt Ion:146 Resp: 1248
Ion Ratio Lower Upper
146 100
111 30.7 26.5 49.3
148 58.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 0.095 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

Tgt Ion:146 Resp: 1822
Ion Ratio Lower Upper
146 100
111 32.6 23.9 44.5
148 68.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 0.098 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030964.D

Acq: 01 May 2023 18:41

Instrument :

MSVOA_V

ClientSampleId :

VIBLK293

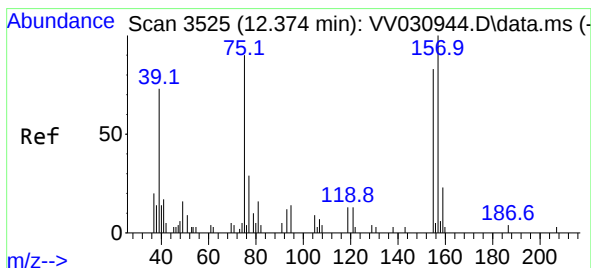
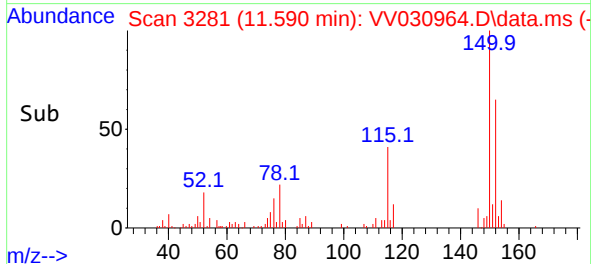
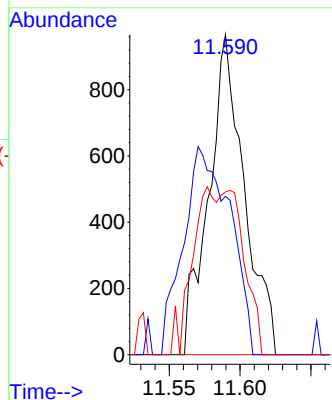
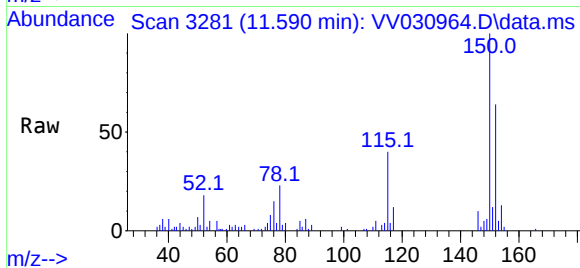
Tgt Ion:146 Resp: 1681

Ion Ratio Lower Upper

146 100

111 49.5 34.0 51.0

148 50.8 53.8 80.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.237 ug/L

RT: 12.377 min Scan# 3526

Delta R.T. 0.003 min

Lab File: VV030964.D

Acq: 01 May 2023 18:41

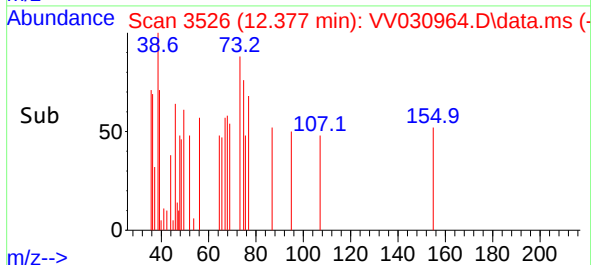
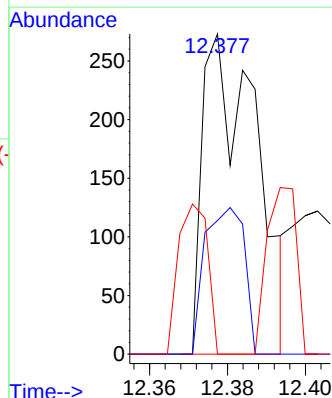
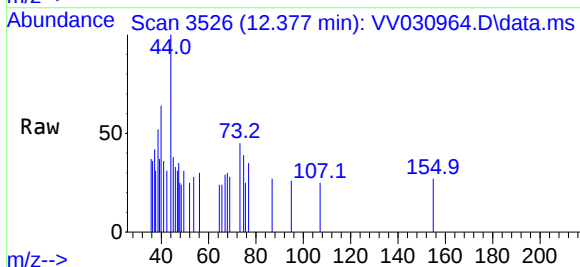
Tgt Ion: 75 Resp: 260

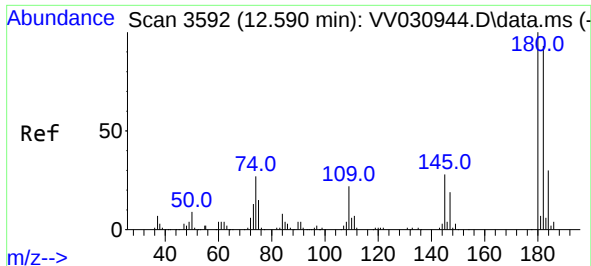
Ion Ratio Lower Upper

75 100

155 41.8 56.2 84.4#

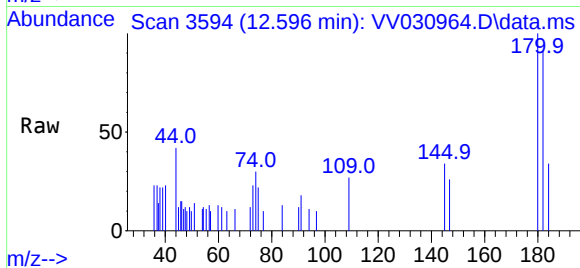
157 0.0 83.1 124.7#





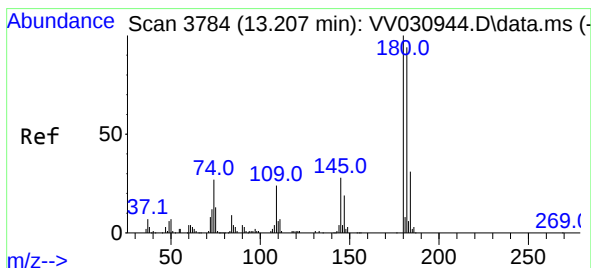
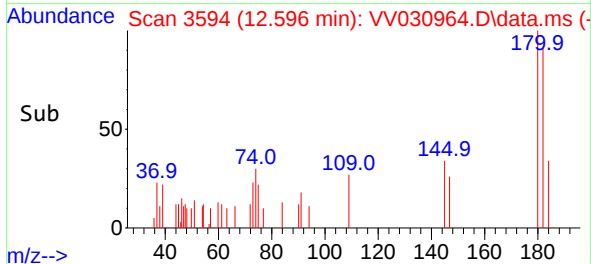
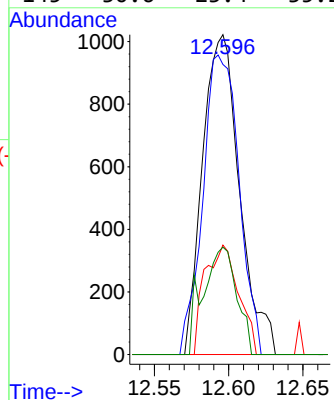
#69
1,3,5-Trichlorobenzene
Concen: 0.117 ug/L
RT: 12.596 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

Instrument :
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ClientSampleId :
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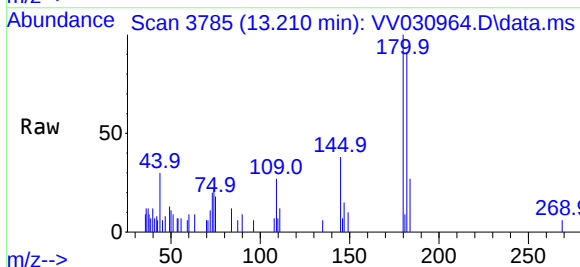


Tgt Ion:180 Resp: 1773

Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.1	112.7
184	31.4	24.1	36.1
145	30.6	23.4	35.2

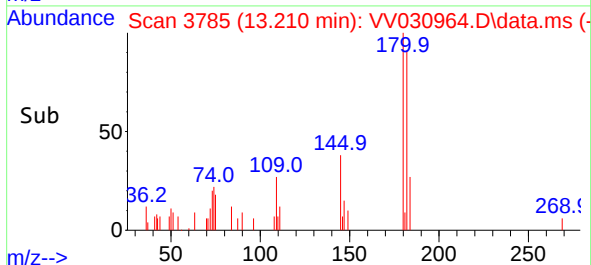
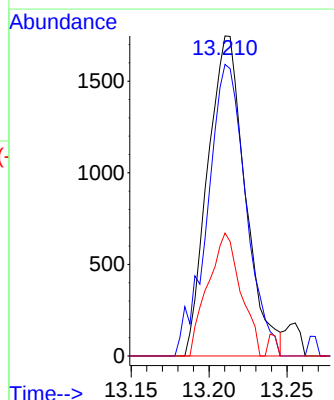


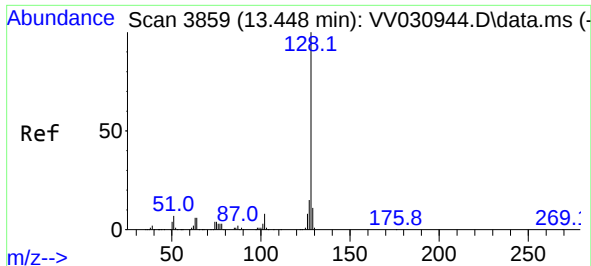
#70
1,2,4-trichlorobenzene
Concen: 0.252 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41



Tgt Ion:180 Resp: 2924

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	33.6	22.9	34.3

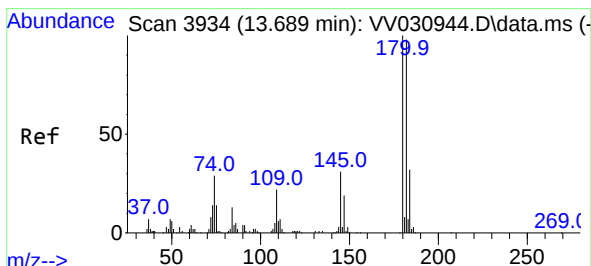
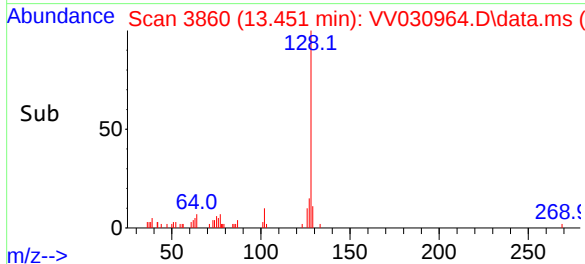
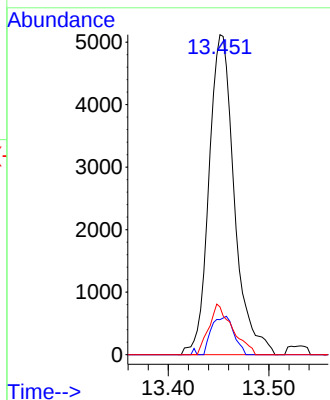
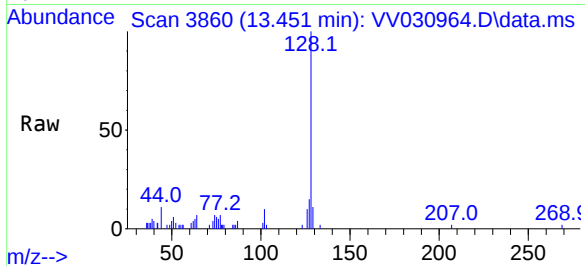




#71
Naphthalene
Concen: 0.538 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
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Tgt Ion:	128	Resp:	8965
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	13.0
127	14.6	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.294 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030964.D
Acq: 01 May 2023 18:41

Tgt Ion:	180	Resp:	2888
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.3	115.9
145	33.1	24.7	37.1

