

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
 Data File : VV026273.D
 Acq On : 15 Jun 2022 13:22
 Operator : SY/MD
 Sample : VV0615WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

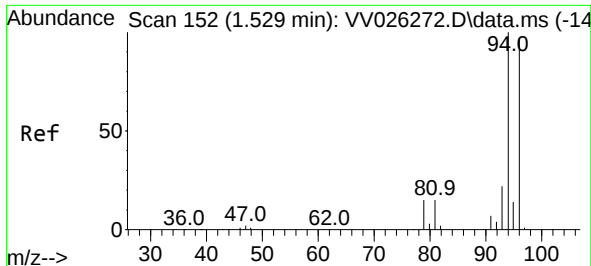
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK373

Quant Time: Jun 16 01:38:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	198554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	189271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	85435	4.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.577	69	67001	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.114	63	116149	3.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.912	46	85968	51.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	4.355	84	124030	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.040	65	55194	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.056	84	260592	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.072	67	77990	5.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.317	98	218389	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.628	79	22189	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.091	63	71140	49.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44873	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	67773	5.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
6) Bromomethane	1.535	94	530	0.055	ug/L	74
12) 1,1-Dichloroethene	2.111	96	1061	0.085	ug/L #	1
16) Methylene chloride	2.516	84	4321	0.270	ug/L	93
25) Chloroform	4.384	83	7140	0.284	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1321	0.115	ug/L #	71
35) Methylcyclohexane	6.072	83	17962	0.980	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	8101	0.638	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1402	0.097	ug/L #	51
61) 1,2,3-Trichloropropane	11.249	75	9891	1.922	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.654	75	196	0.215	ug/L #	3
70) 1,2,4-trichlorobenzene	13.268	180	1133	0.102	ug/L	90
71) Naphthalene	13.509	128	2202	0.143	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.744	180	1001	0.108	ug/L #	75

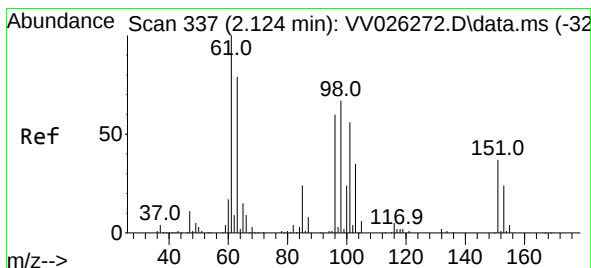
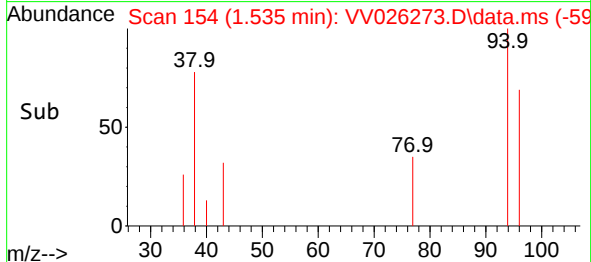
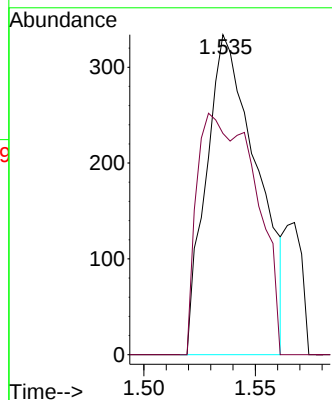
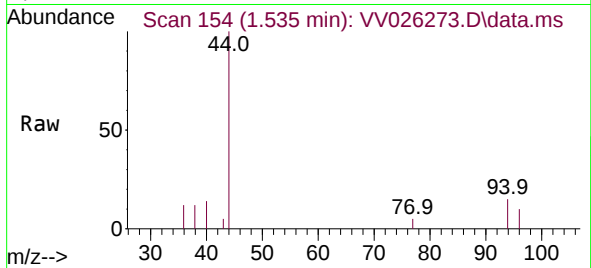
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026273.D
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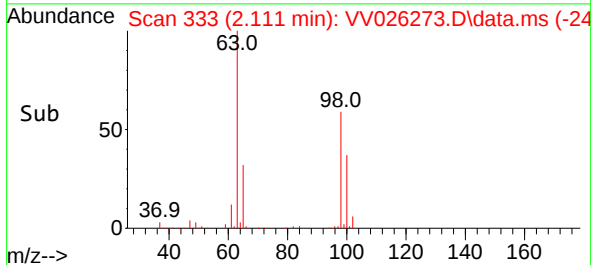
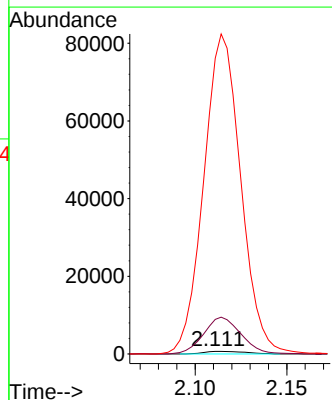
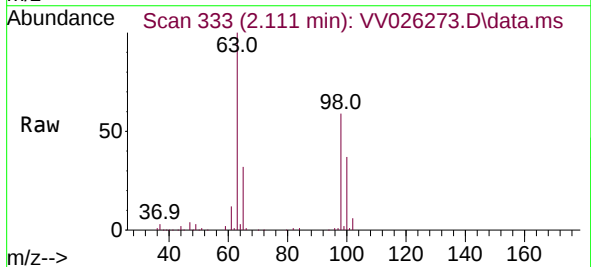
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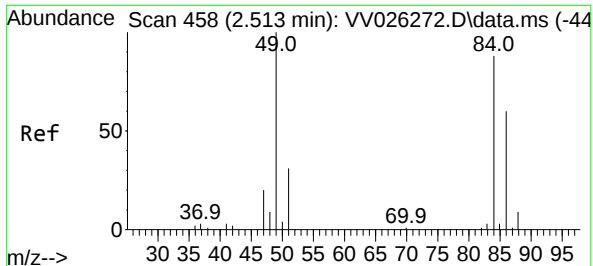
Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 69.2 65.7 121.9



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.013 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

Tgt Ion: 96 Resp: 1061
Ion Ratio Lower Upper
96 100
61 1340.8 117.1 217.5#
63 11467.5 92.8 172.4#

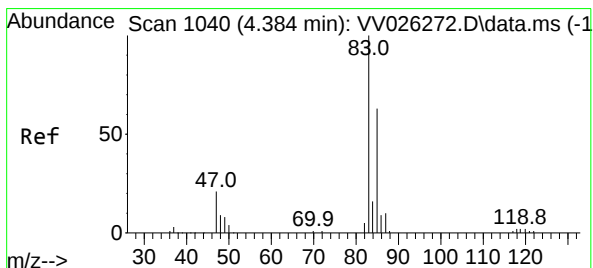
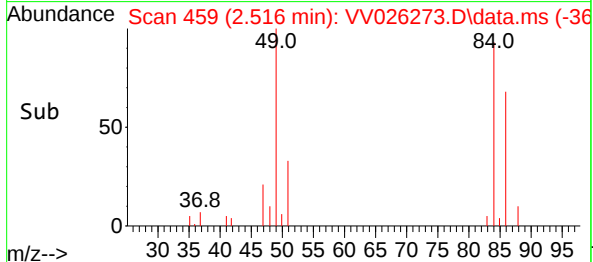
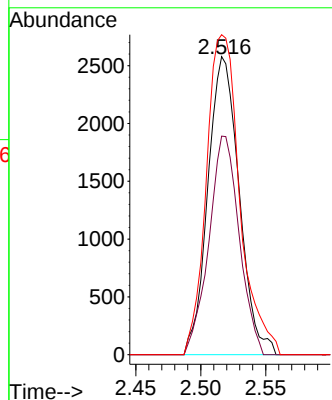
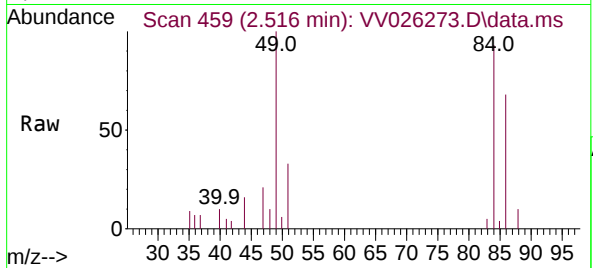




#16
Methylene chloride
Concen: 0.270 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

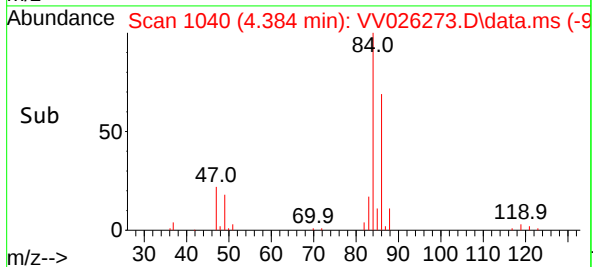
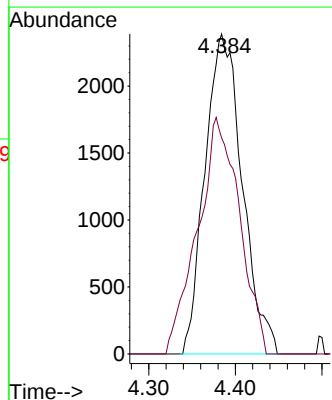
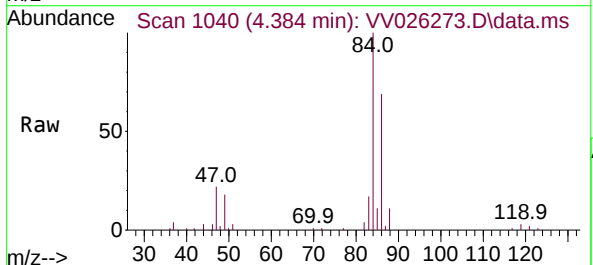
Instrument :
MSVOA_V
ClientSampleId :
VBLK373

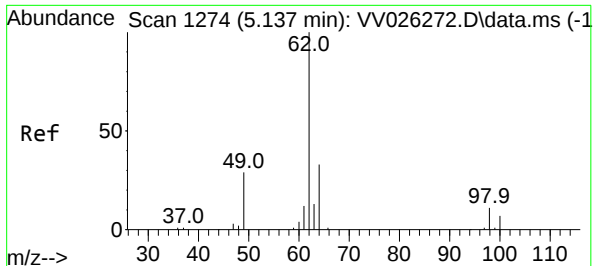
Tgt Ion: 84 Resp: 4321
Ion Ratio Lower Upper
84 100
86 73.3 44.0 81.8
49 107.3 77.3 143.7



#25
Chloroform
Concen: 0.284 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

Tgt Ion: 83 Resp: 7140
Ion Ratio Lower Upper
83 100
85 67.5 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.081 min

Lab File: VV026273.D

Acq: 15 Jun 2022 13:22

Instrument :

MSVOA_V

ClientSampleId :

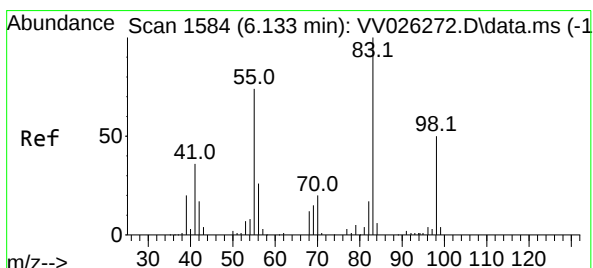
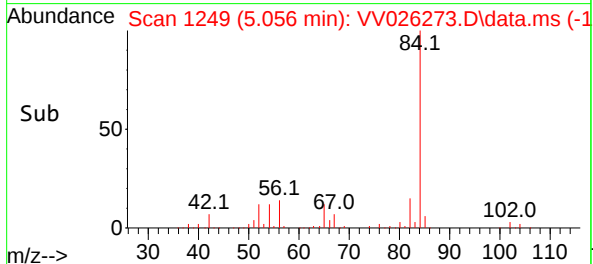
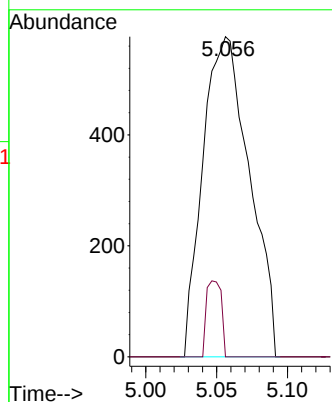
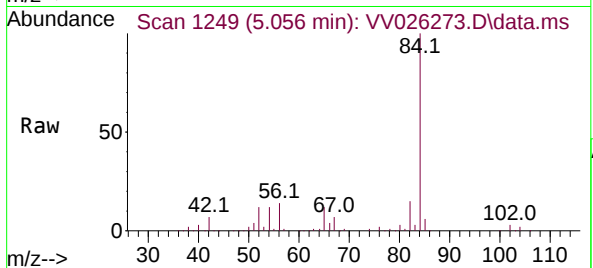
VBLK373

Tgt Ion: 62 Resp: 1321

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 0.980 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026273.D

Acq: 15 Jun 2022 13:22

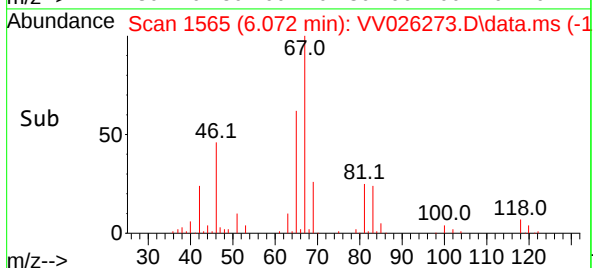
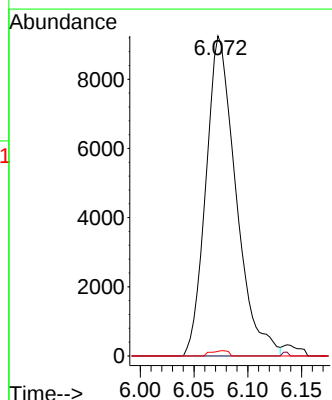
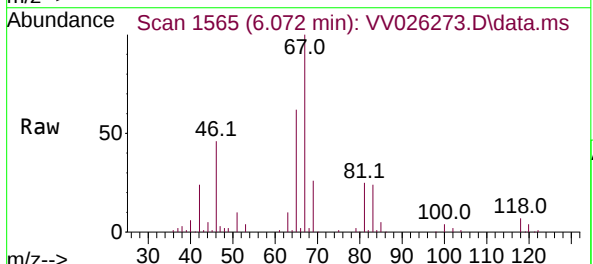
Tgt Ion: 83 Resp: 17962

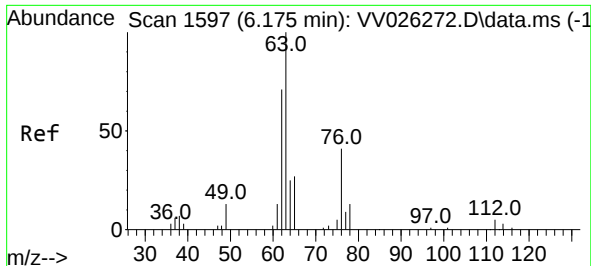
Ion Ratio Lower Upper

83 100

55 0.2 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026273.D

Acq: 15 Jun 2022 13:22

Instrument :

MSVOA_V

ClientSampleId :

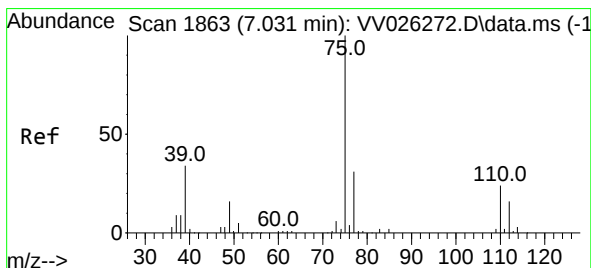
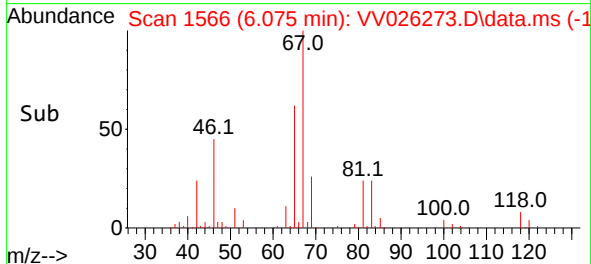
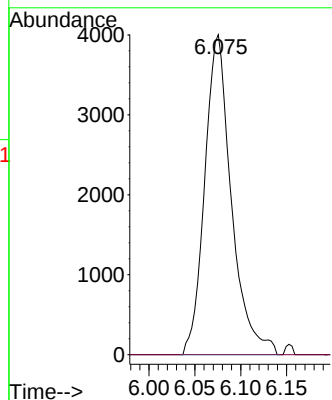
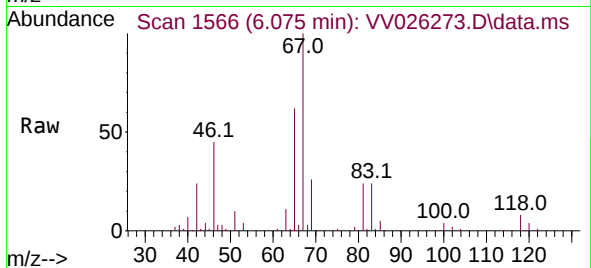
VBLK373

Tgt Ion: 63 Resp: 8101

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026273.D

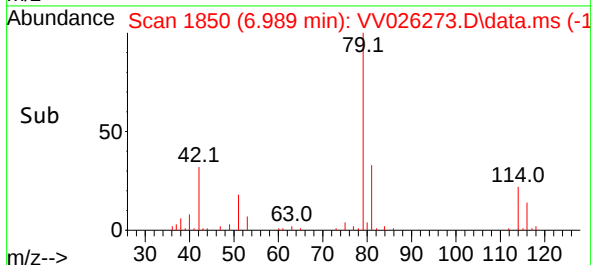
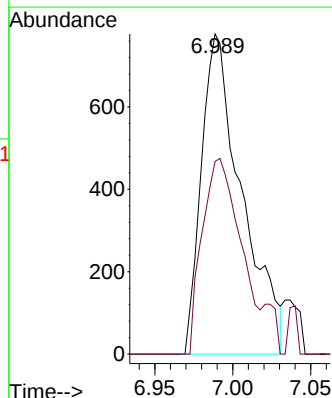
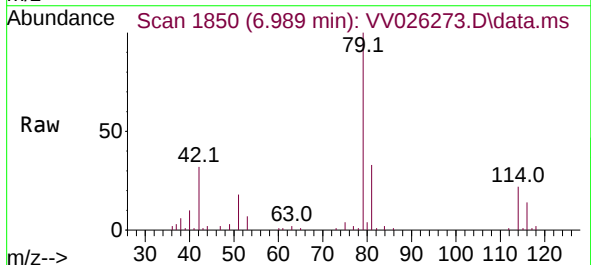
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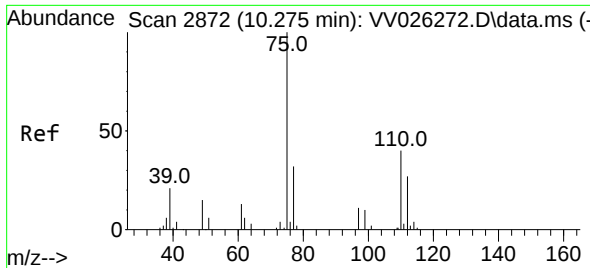
Tgt Ion: 75 Resp: 1402

Ion Ratio Lower Upper

75 100

77 60.2 23.0 42.6#

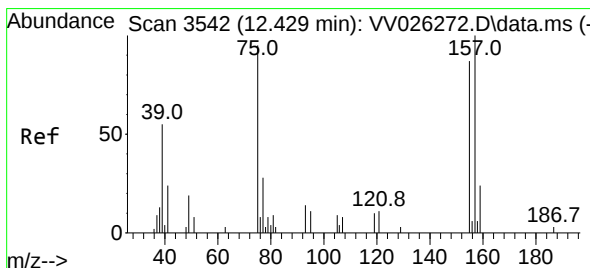
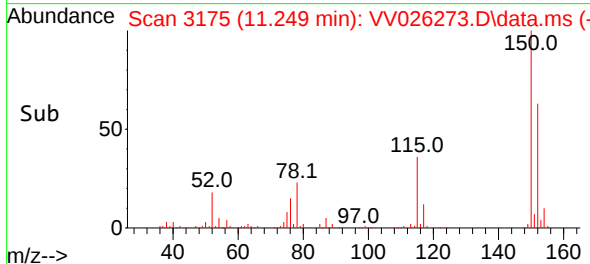
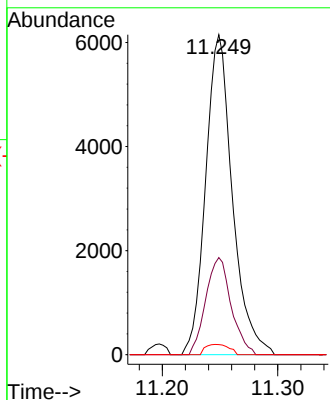
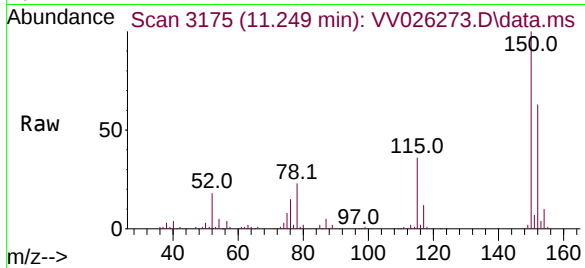




#61
1,2,3-Trichloropropane
Concen: 1.922 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

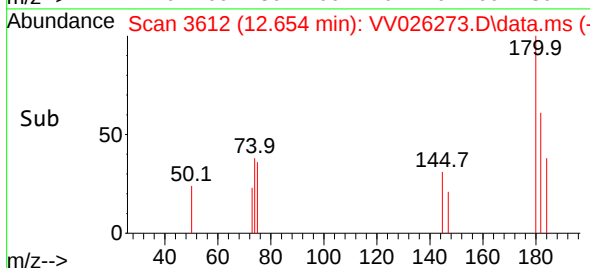
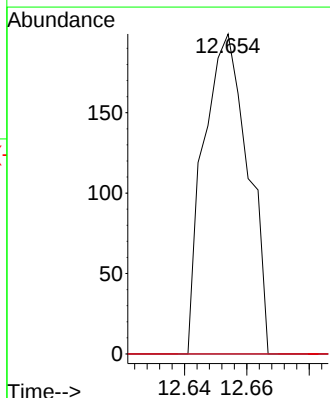
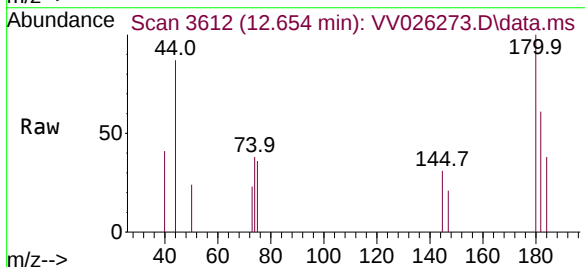
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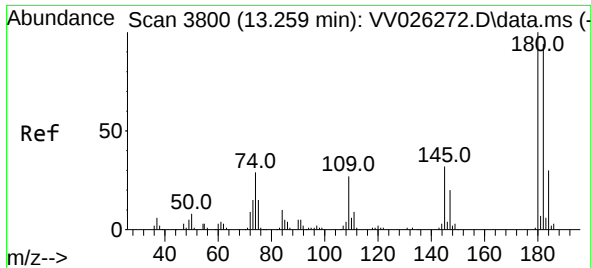
Tgt Ion: 75 Resp: 9891
Ion Ratio Lower Upper
75 100
77 28.8 26.9 40.3
110 2.8 30.7 46.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.215 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.225 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

Tgt Ion: 75 Resp: 196
Ion Ratio Lower Upper
75 100
155 0.0 63.7 95.5#
157 0.0 85.0 127.6#

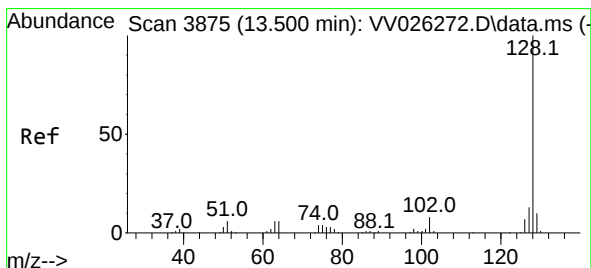
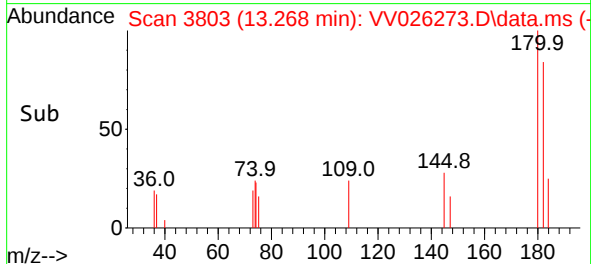
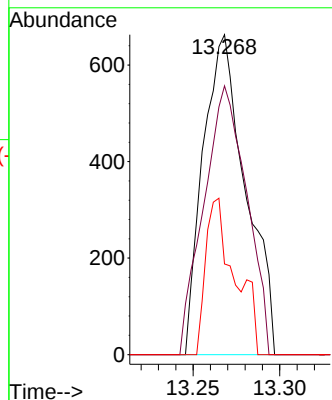
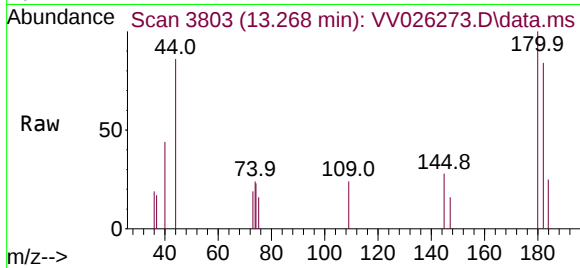




#70
1,2,4-trichlorobenzene
Concen: 0.102 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.009 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

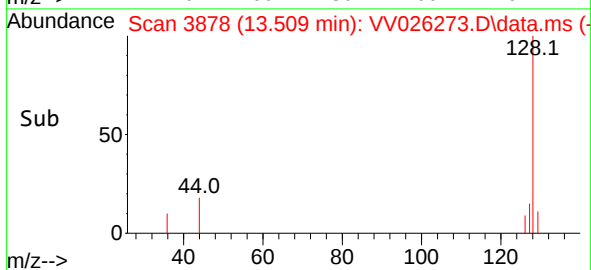
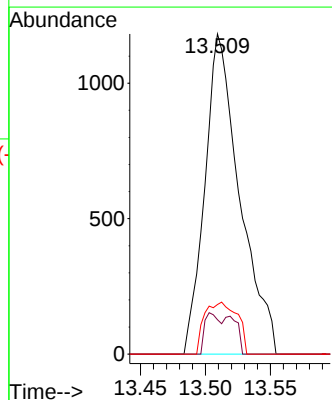
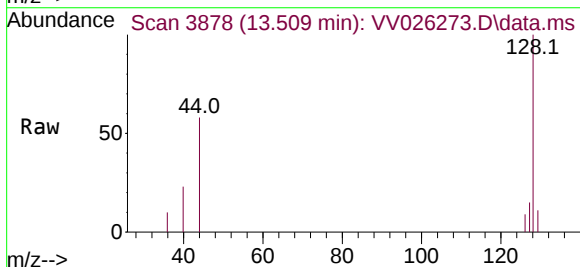
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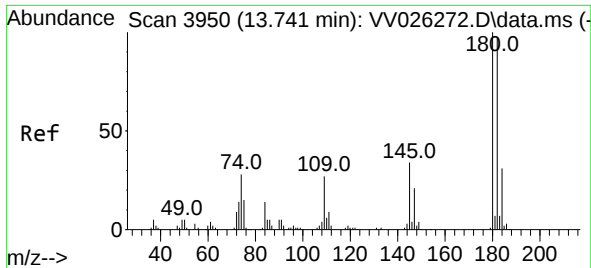
Tgt Ion:180 Resp: 1133
Ion Ratio Lower Upper
180 100
182 84.6 76.2 114.2
145 33.4 23.9 35.9



#71
Naphthalene
Concen: 0.143 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.009 min
Lab File: VV026273.D
Acq: 15 Jun 2022 13:22

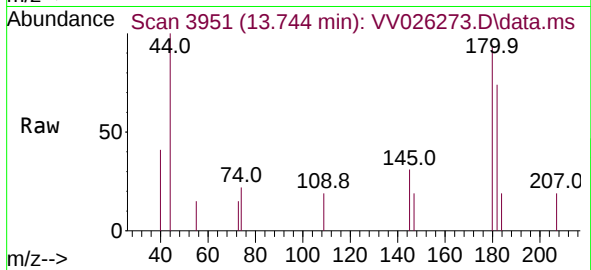
Tgt Ion:128 Resp: 2202
Ion Ratio Lower Upper
128 100
129 4.5 8.7 13.1#
127 15.2 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.108 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV026273.D
 Acq: 15 Jun 2022 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK373



Tgt Ion:180 Resp: 1001
 Ion Ratio Lower Upper
 180 100
 182 70.6 77.9 116.9#
 145 22.9 26.7 40.1#

