

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042222\
 Data File : VV025680.D
 Acq On : 22 Apr 2022 14:27
 Operator : SY/MD
 Sample : VV0422WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK350

Quant Time: Apr 23 01:59:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:59 2022
 Response via : Initial Calibration

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

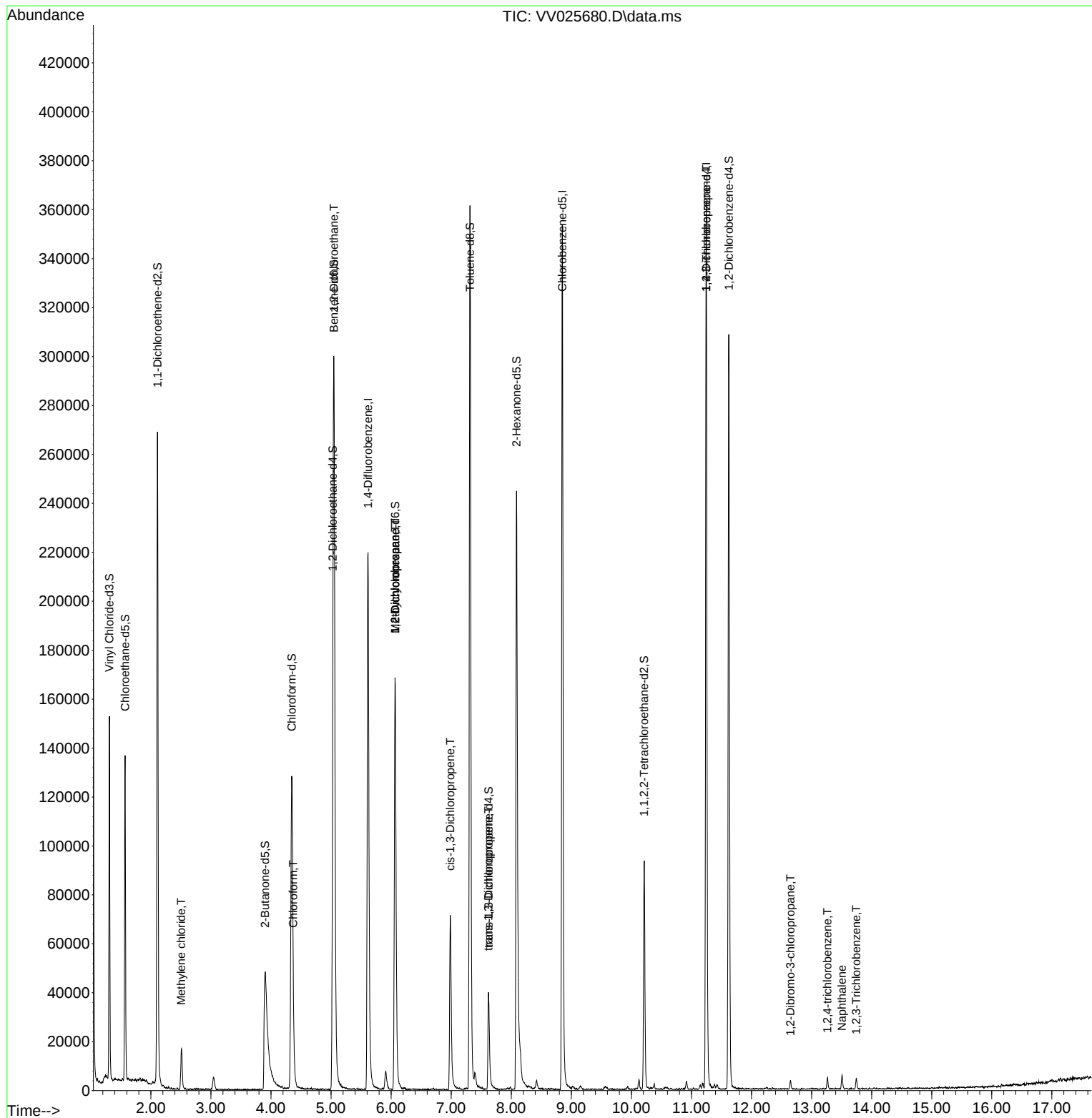
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	194171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	191514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	95644	5.298	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.571	69	83892	4.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.111	63	142913	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.902	46	105772	48.168	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.340%
24) Chloroform-d	4.346	84	135181	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.030	65	61617	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.050	84	280283	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.066	67	81970	5.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.313	98	239658	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	24443	4.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	86387	47.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44132	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	76359	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.506	84	7225	0.442	ug/L	94
25) Chloroform	4.371	83	1994	0.079	ug/L #	76
27) 1,2-Dichloroethane	5.047	62	1659	0.125	ug/L #	71
35) Methylcyclohexane	6.066	83	19761	0.824	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	9659	0.738	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2061	0.120	ug/L #	44
44) trans-1,3-Dichloropropene	7.619	75	1189	0.089	ug/L #	81
61) 1,2,3-Trichloropropane	11.246	75	11652	1.939	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.648	75	244	0.235	ug/L #	2
70) 1,2,4-trichlorobenzene	13.265	180	1501	0.097	ug/L	90
71) Naphthalene	13.506	128	4263	0.188	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	1569	0.123	ug/L #	95

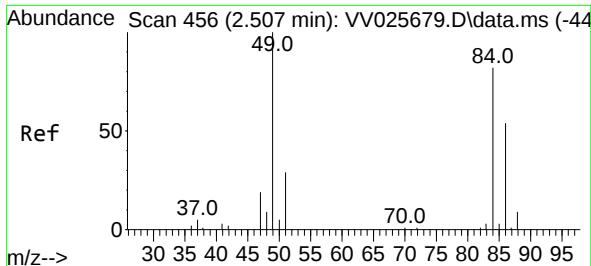
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV025680.D
Acq On : 22 Apr 2022 14:27
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK350

Quant Time: Apr 23 01:59:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 12 07:03:59 2022
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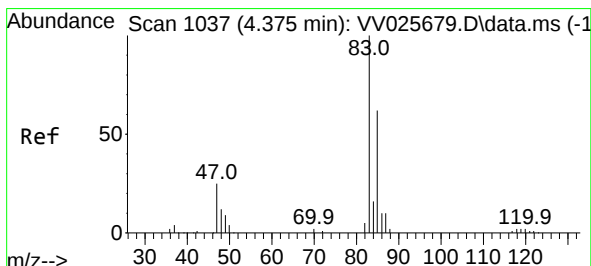
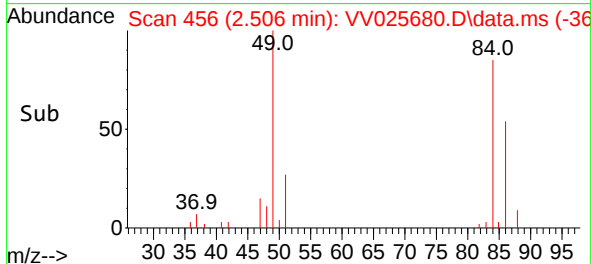
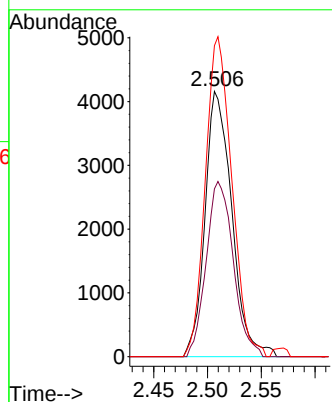
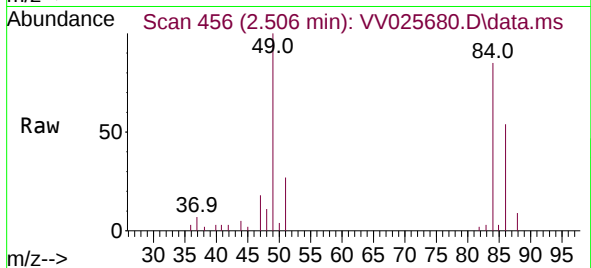




#16
Methylene chloride
Concen: 0.442 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

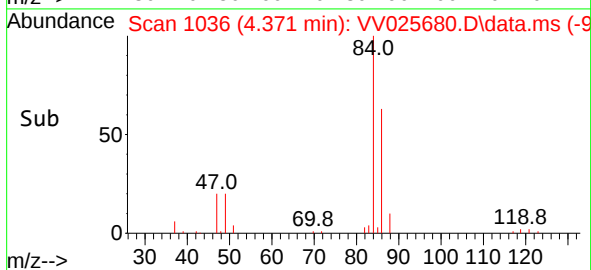
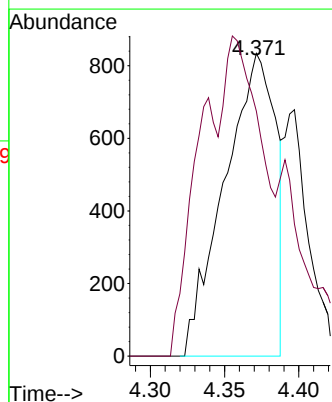
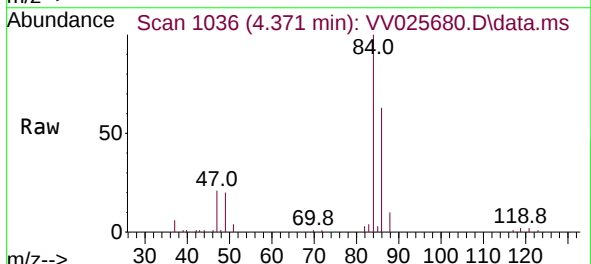
Instrument :
MSVOA_V
ClientSampleId :
VBLK350

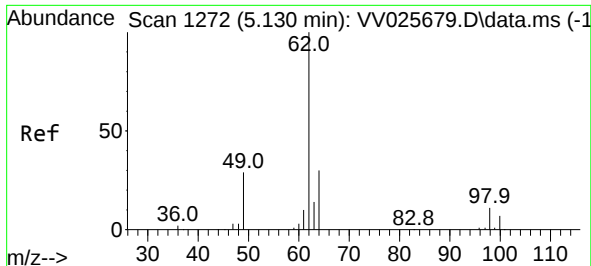
Tgt Ion: 84 Resp: 7225
Ion Ratio Lower Upper
84 100
86 63.3 45.9 85.3
49 117.3 76.6 142.3



#25
Chloroform
Concen: 0.079 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

Tgt Ion: 83 Resp: 1994
Ion Ratio Lower Upper
83 100
85 80.9 43.5 80.7#





#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV025680.D

Acq: 22 Apr 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

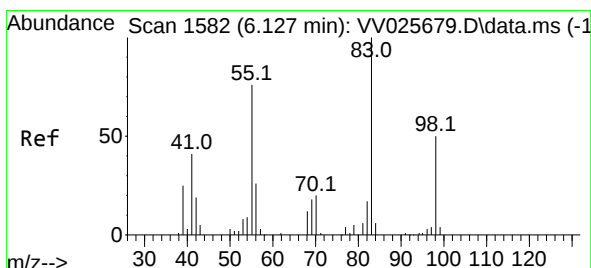
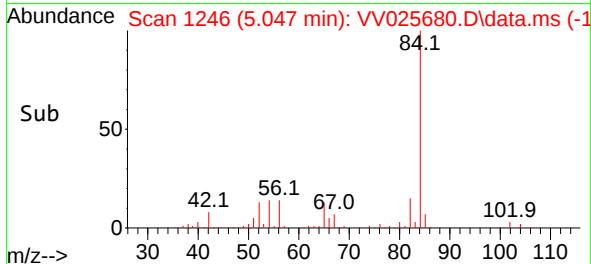
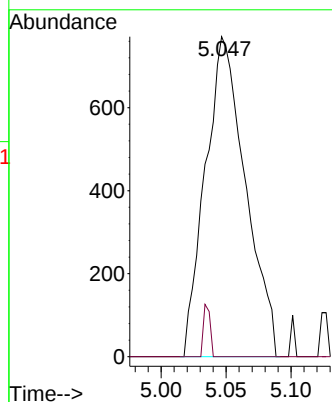
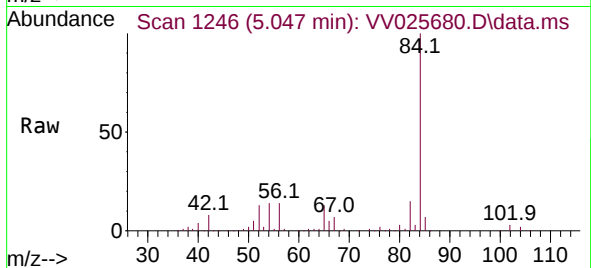
VBLK350

Tgt Ion: 62 Resp: 1659

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025680.D

Acq: 22 Apr 2022 14:27

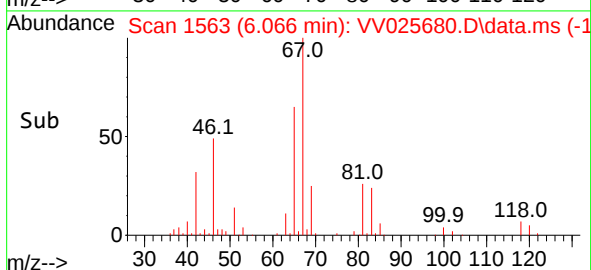
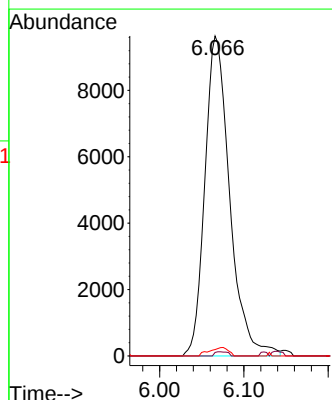
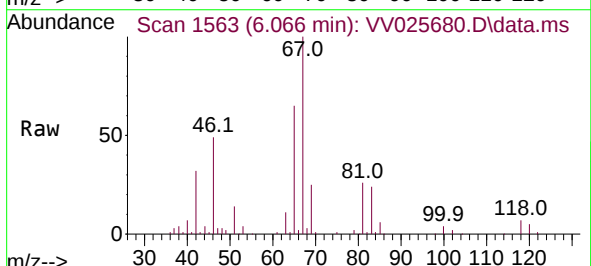
Tgt Ion: 83 Resp: 19761

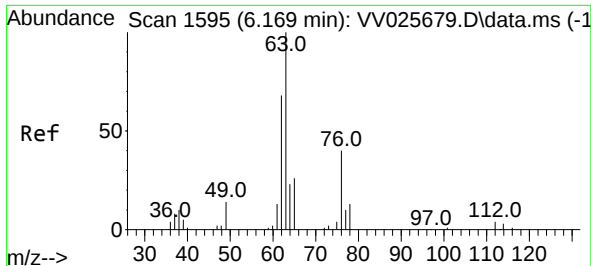
Ion Ratio Lower Upper

83 100

55 0.7 53.7 80.5#

98 2.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.738 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025680.D

Acq: 22 Apr 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

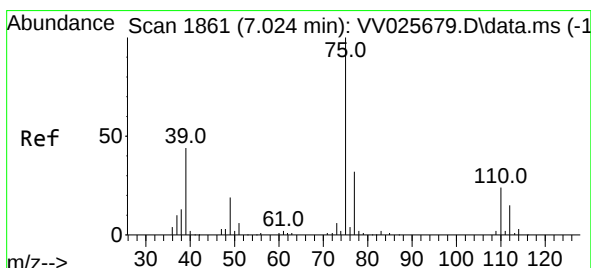
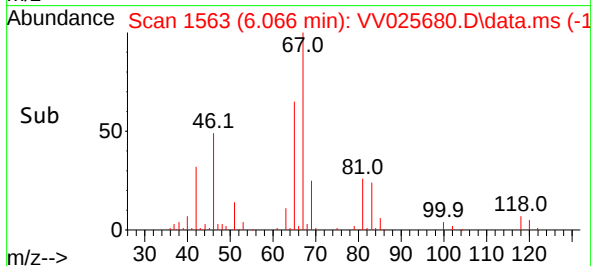
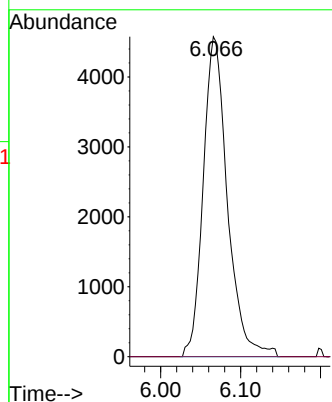
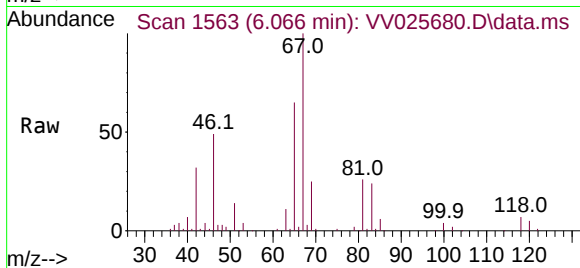
VBLK350

Tgt Ion: 63 Resp: 9659

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025680.D

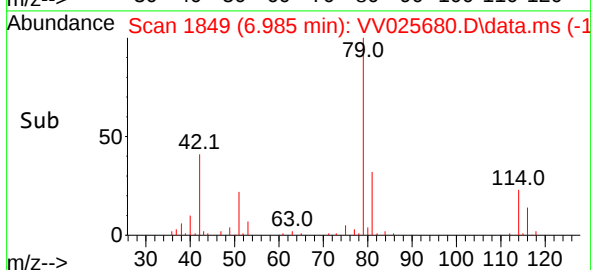
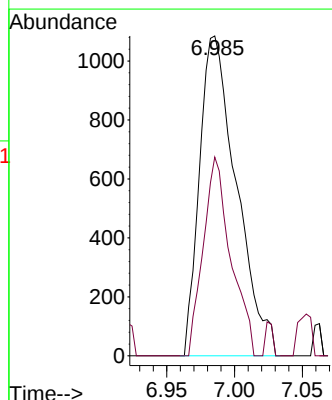
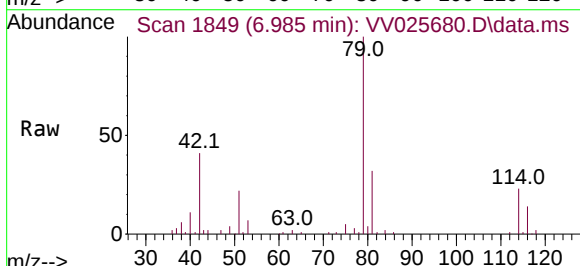
Acq: 22 Apr 2022 14:27

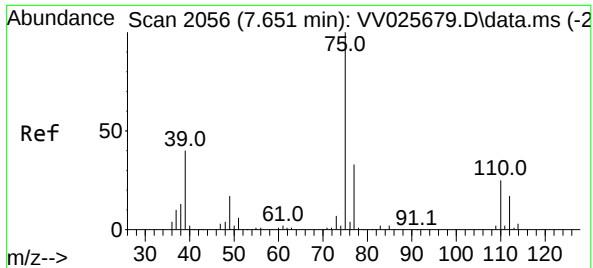
Tgt Ion: 75 Resp: 2061

Ion Ratio Lower Upper

75 100

77 62.1 21.8 40.6#

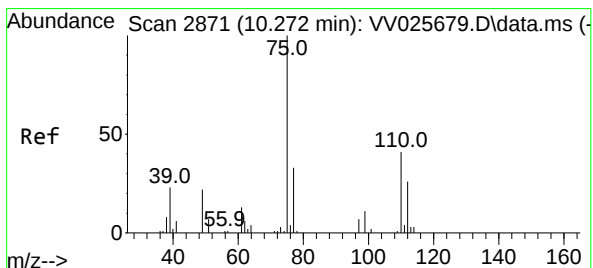
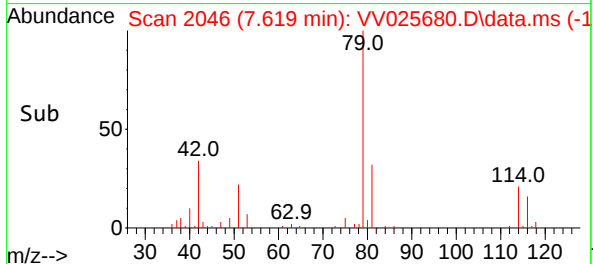
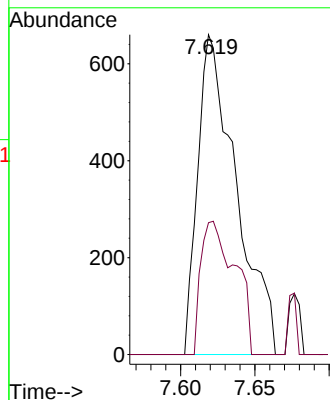
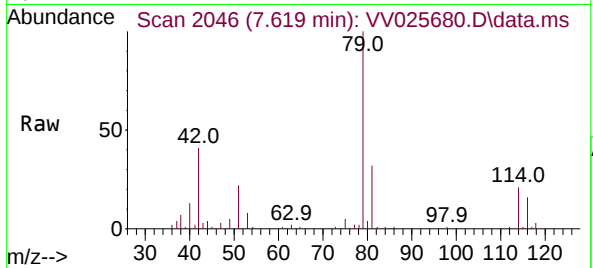




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

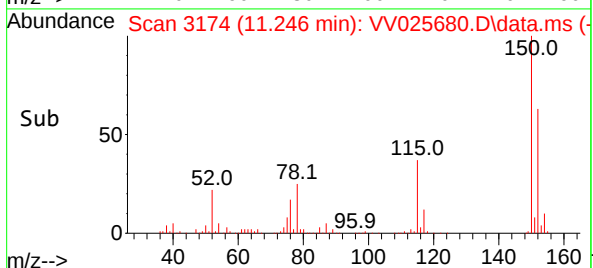
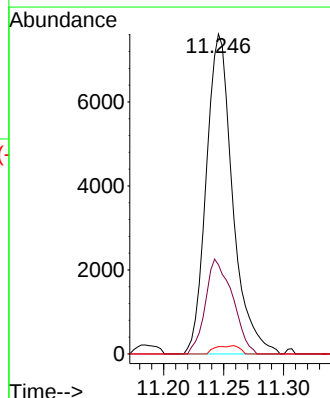
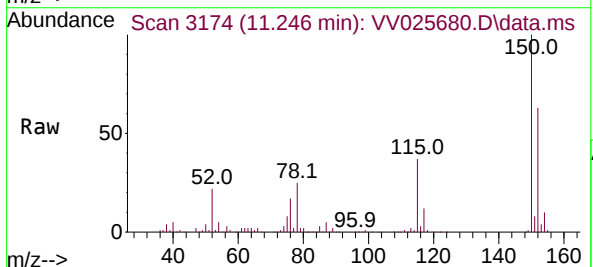
Instrument :
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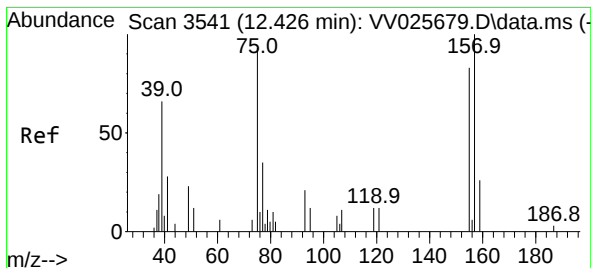
Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
77 41.2 21.7 40.3#



#61
1,2,3-Trichloropropane
Concen: 1.939 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

Tgt Ion: 75 Resp: 11652
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4
110 2.4 34.7 52.1#

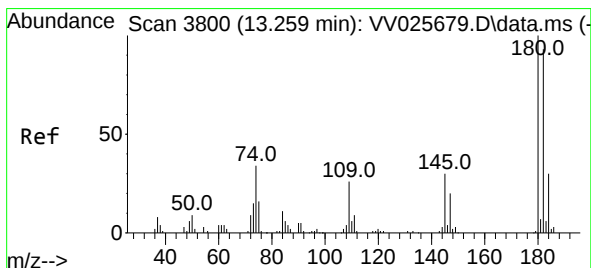
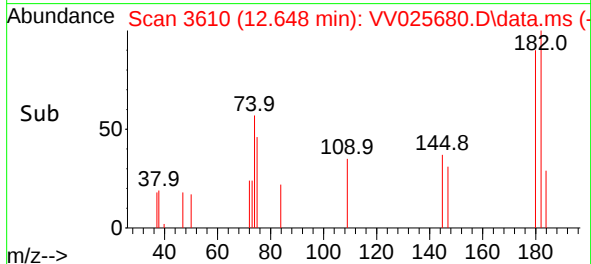
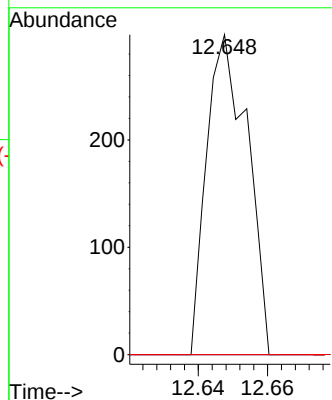
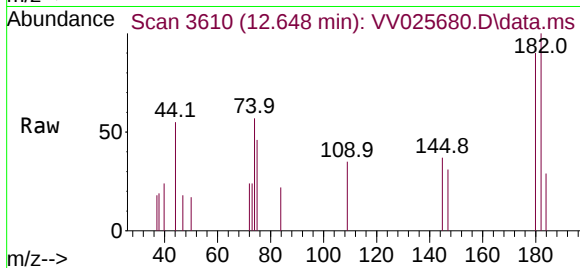




#68
1,2-Dibromo-3-chloropropane
Concen: 0.235 ug/L
RT: 12.648 min Scan# 30
Delta R.T. 0.222 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

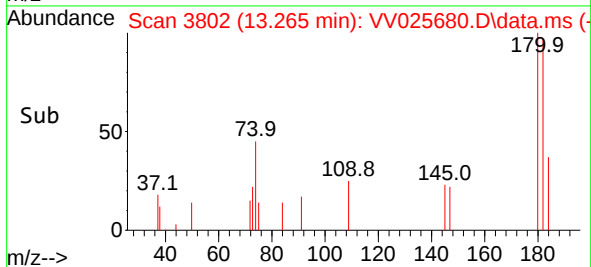
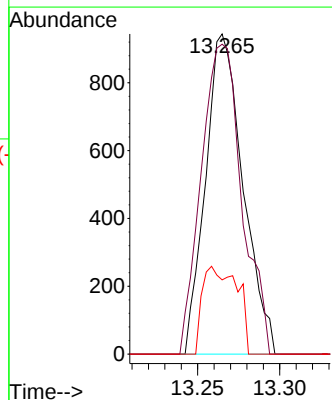
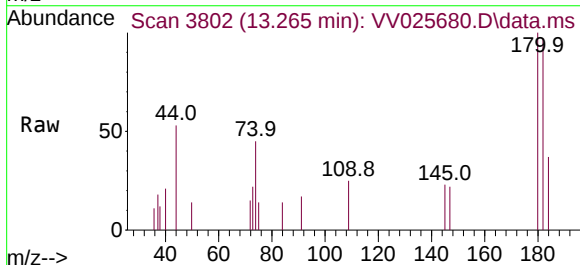
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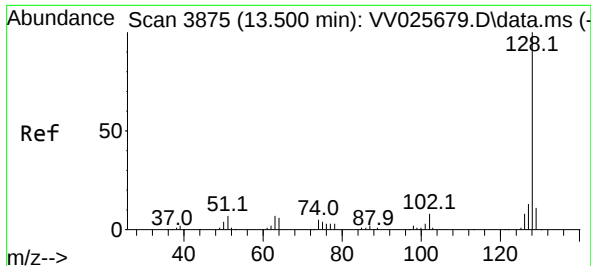
Tgt Ion: 75 Resp: 244
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#70
1,2,4-trichlorobenzene
Concen: 0.097 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

Tgt Ion: 180 Resp: 1501
Ion Ratio Lower Upper
180 100
182 104.9 76.6 114.8
145 25.3 24.6 36.8

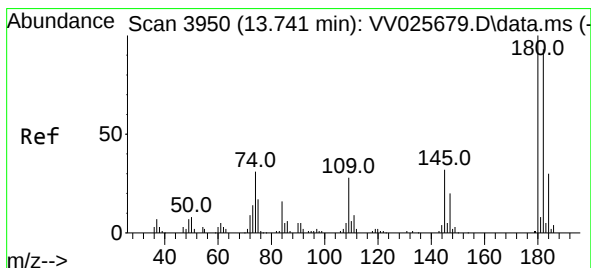
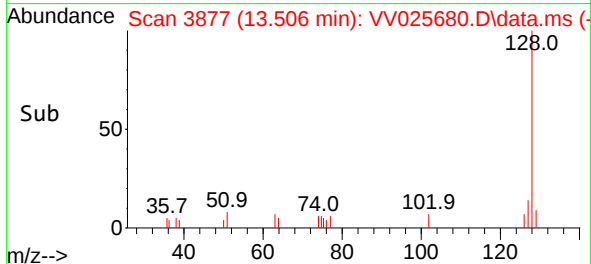
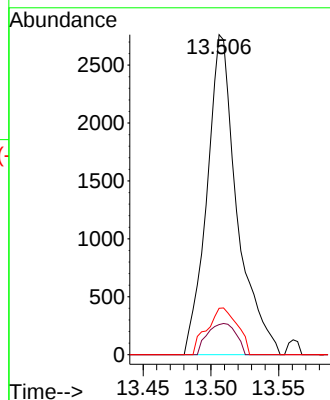
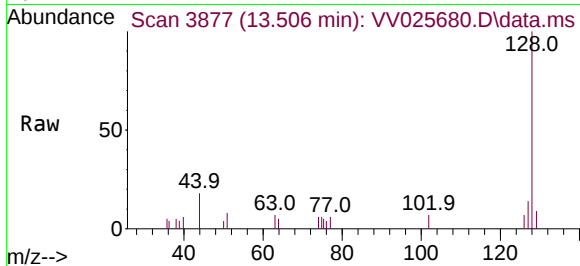




#71
Naphthalene
Concen: 0.188 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

Instrument :
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Tgt Ion:128 Resp: 4263
Ion Ratio Lower Upper
128 100
129 9.3 8.8 13.2
127 14.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.123 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025680.D
Acq: 22 Apr 2022 14:27

Tgt Ion:180 Resp: 1569
Ion Ratio Lower Upper
180 100
182 94.5 77.7 116.5
145 27.1 27.4 41.2#

