

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026230.D
 Acq On : 14 Jun 2022 12:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK256

Quant Time: Jun 15 05:48:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

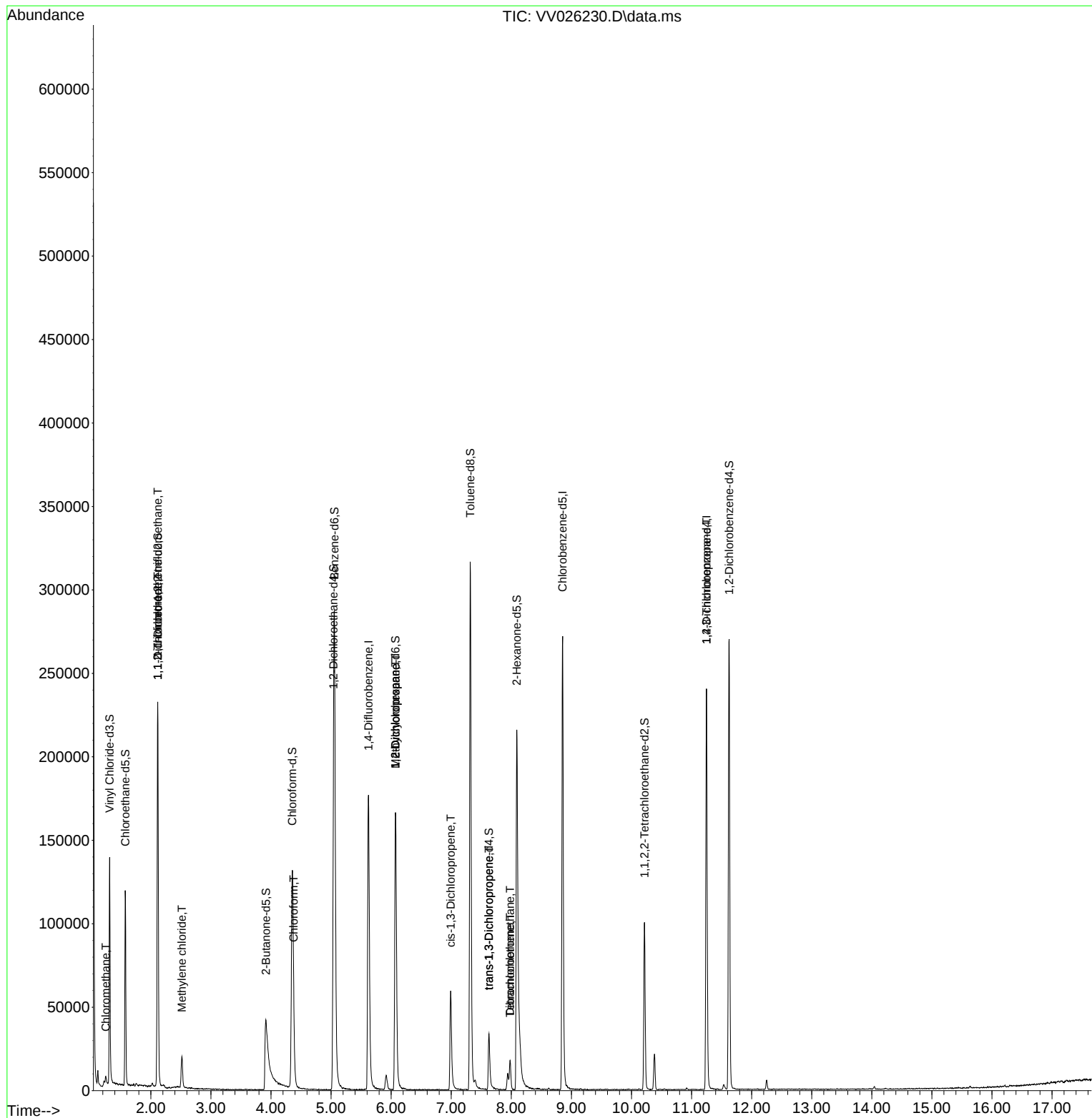
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	161238	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	159156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	92544	4.389	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.574	69	75220	4.529	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.114	63	121205	3.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.915	46	95177	60.504	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.000%	
24) Chloroform-d	4.355	84	142604	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.040	65	61974	5.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.056	84	273526	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.072	67	85781	4.794	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.317	98	215862	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21478	3.977	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.092	63	83639	49.740	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50457	4.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	72947	5.048	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
3) Chloromethane	1.249	50	3581	0.223	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	1143	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.118	96	1084	0.088	ug/L #	1
16) Methylene chloride	2.516	84	8222	0.647	ug/L	94
25) Chloroform	4.378	83	3239	0.137	ug/L	81
35) Methylcyclohexane	6.072	83	20184	1.148	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8890	0.713	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1558	0.112	ug/L #	45
44) trans-1,3-Dichloropropene	7.625	75	923	0.084	ug/L #	52
47) Tetrachloroethene	7.982	164	4381	0.469	ug/L	96
49) Dibromochloromethane	7.979	129	3922	0.458	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7390	1.495	ug/L #	65

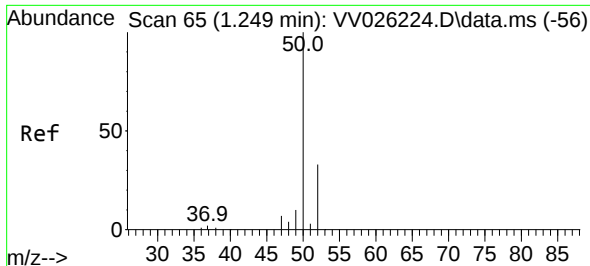
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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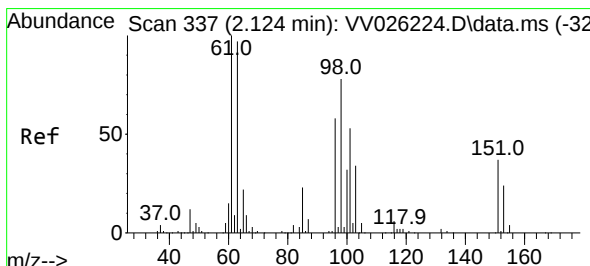
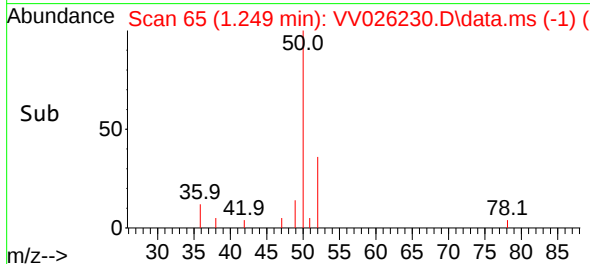
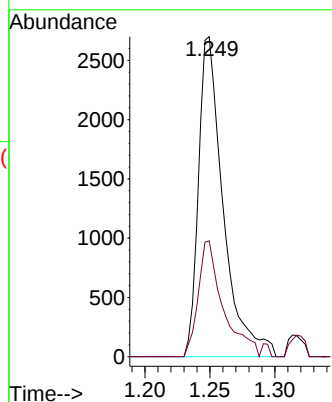
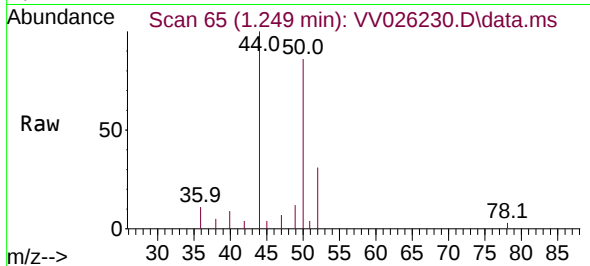




#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

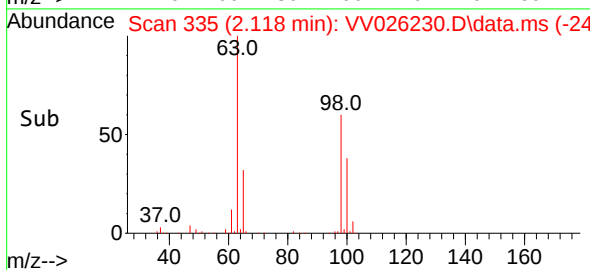
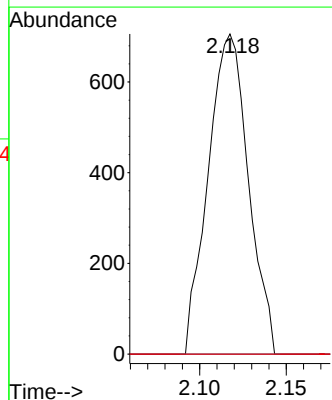
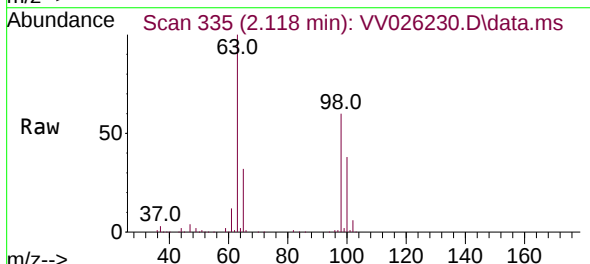
Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

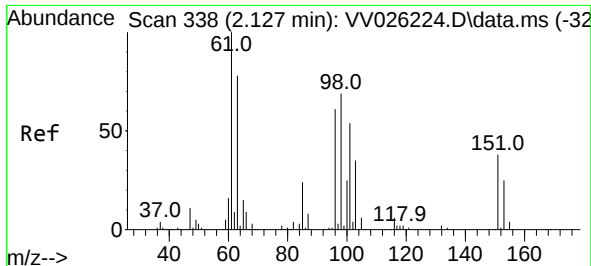
Tgt Ion: 50 Resp: 3581
Ion Ratio Lower Upper
50 100
52 36.2 23.6 43.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.006 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

Tgt Ion: 101 Resp: 1143
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.5 84.7#

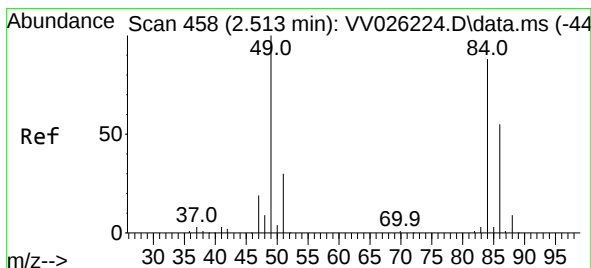
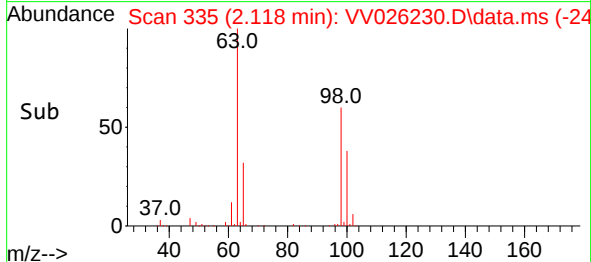
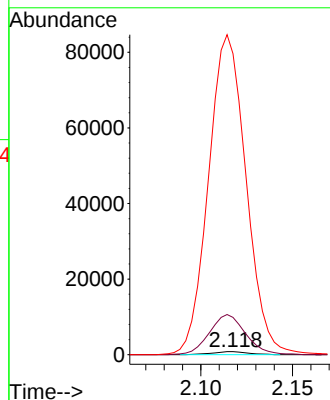
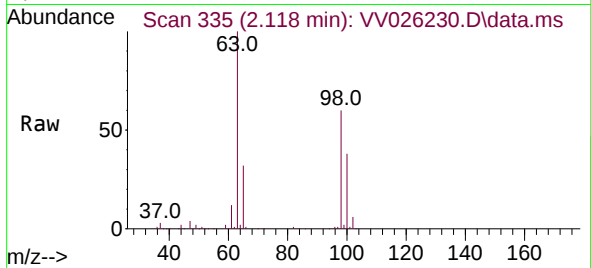




#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.009 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

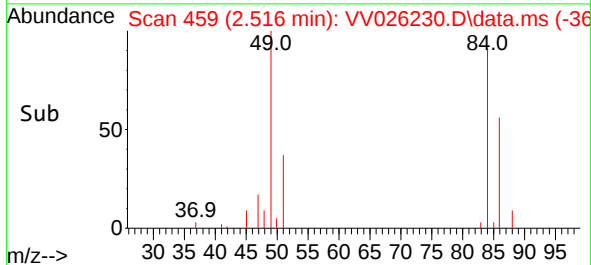
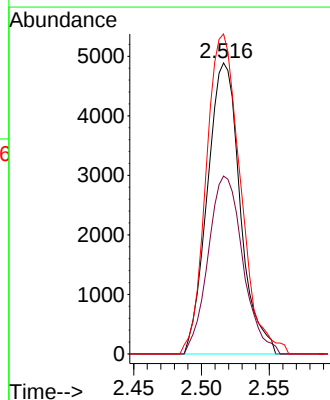
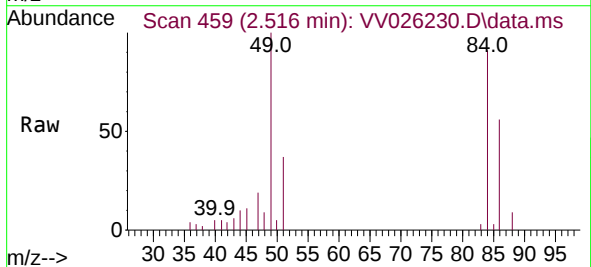
Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

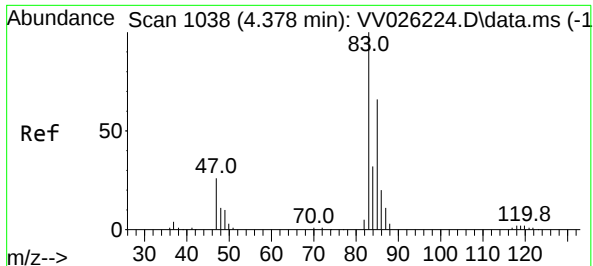
Tgt Ion: 96 Resp: 1084
Ion Ratio Lower Upper
96 100
61 1229.4 120.5 223.7#
63 9918.8 129.3 240.1#



#16
Methylene chloride
Concen: 0.647 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.003 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

Tgt Ion: 84 Resp: 8222
Ion Ratio Lower Upper
84 100
86 61.1 45.1 83.7
49 109.9 82.3 152.9





#25

Chloroform

Concen: 0.137 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026230.D

Acq: 14 Jun 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

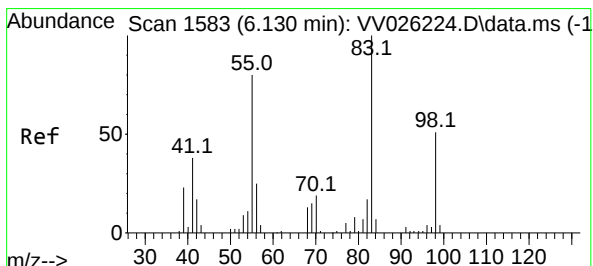
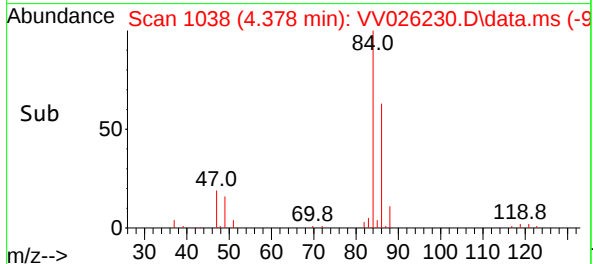
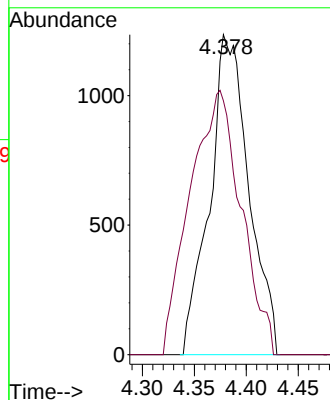
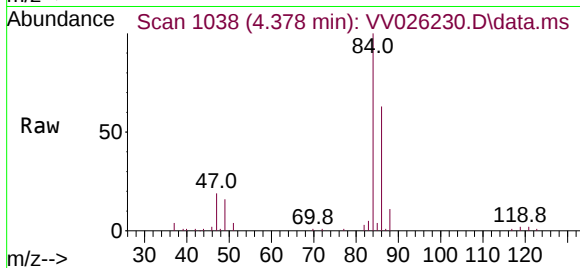
VIBLK256

Tgt Ion: 83 Resp: 3239

Ion Ratio Lower Upper

83 100

85 79.4 45.3 84.1



#35

Methylcyclohexane

Concen: 1.148 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026230.D

Acq: 14 Jun 2022 12:32

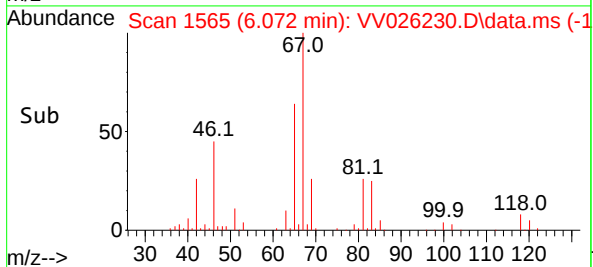
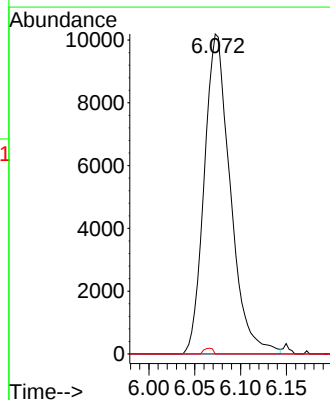
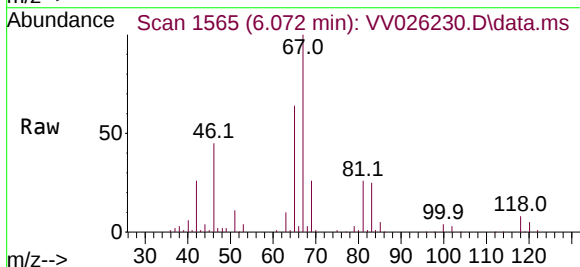
Tgt Ion: 83 Resp: 20184

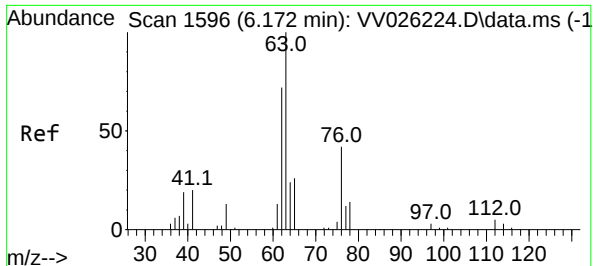
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.713 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026230.D

Acq: 14 Jun 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

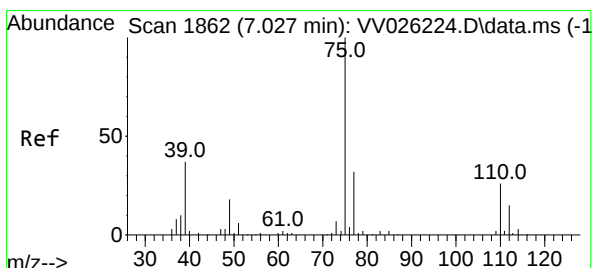
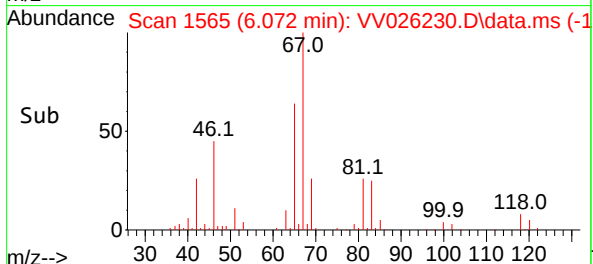
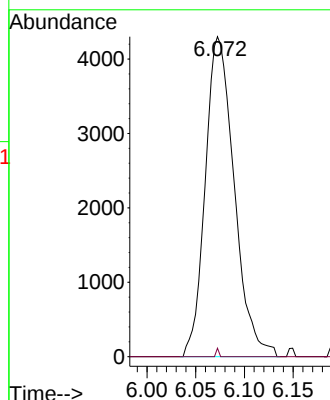
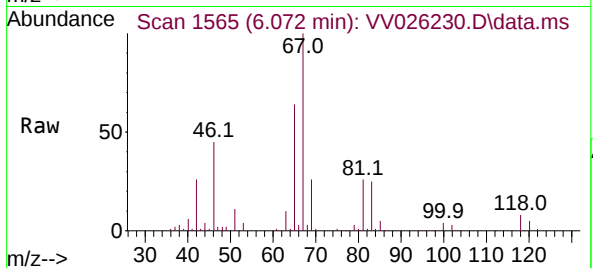
VIBLK256

Tgt Ion: 63 Resp: 8890

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026230.D

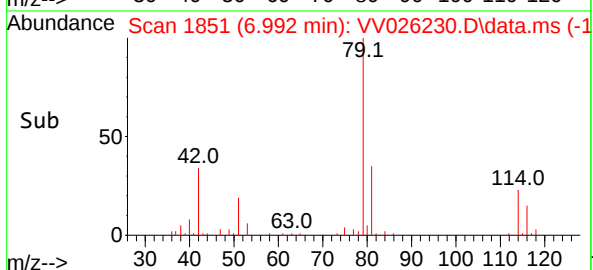
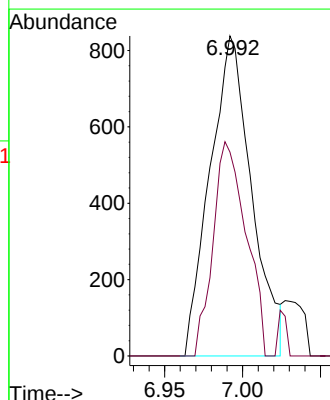
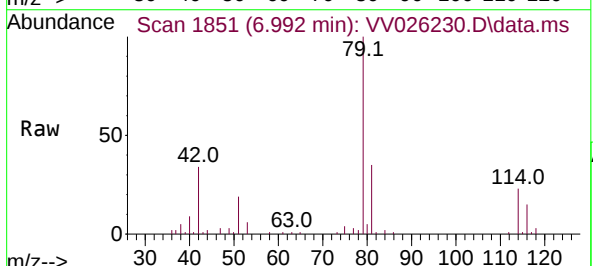
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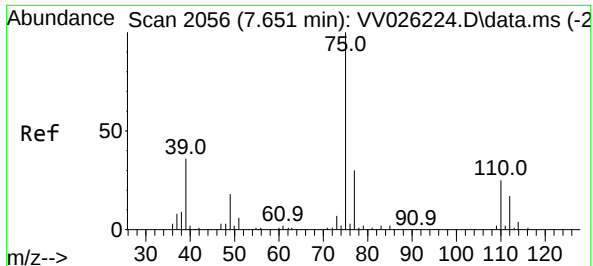
Tgt Ion: 75 Resp: 1558

Ion Ratio Lower Upper

75 100

77 63.7 22.9 42.5#

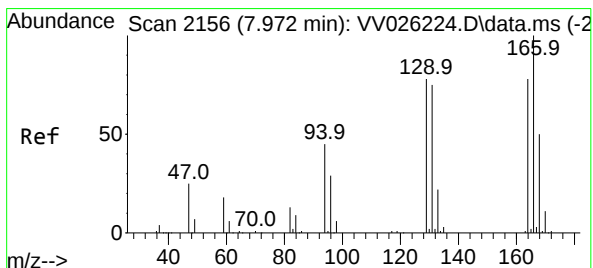
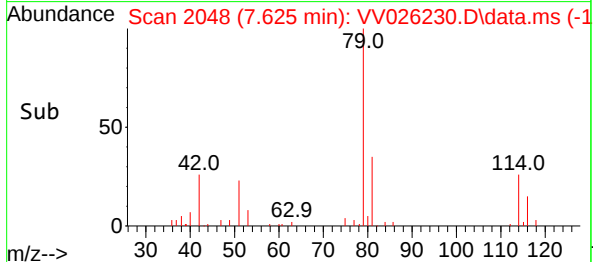
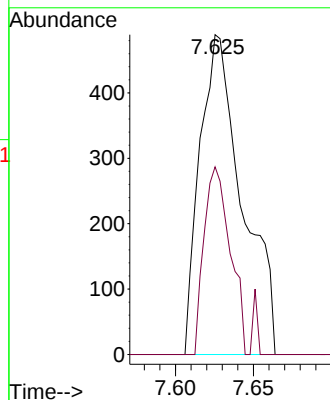
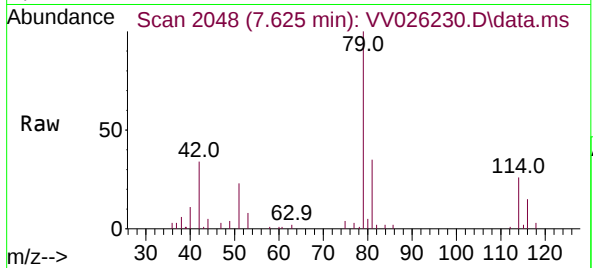




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

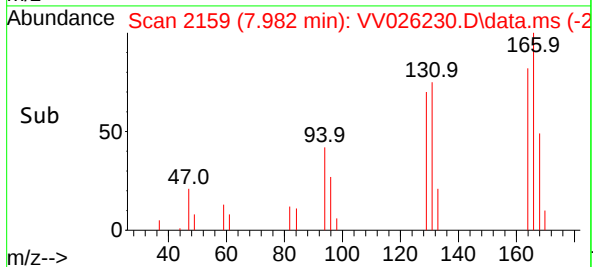
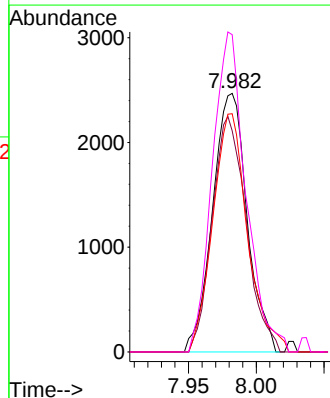
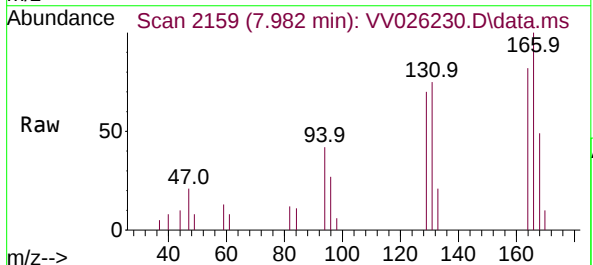
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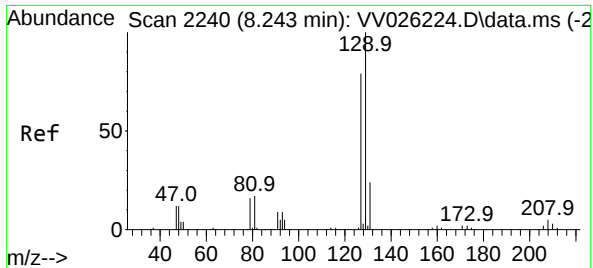
Tgt Ion: 75 Resp: 923
Ion Ratio Lower Upper
75 100
77 58.7 22.3 41.3#



#47
Tetrachloroethene
Concen: 0.469 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV026230.D
Acq: 14 Jun 2022 12:32

Tgt Ion:164 Resp: 4381
Ion Ratio Lower Upper
164 100
129 85.5 66.1 122.7
131 92.1 65.0 120.6
166 122.7 88.1 163.7





#49

Dibromochloromethane

Concen: 0.458 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026230.D

Acq: 14 Jun 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

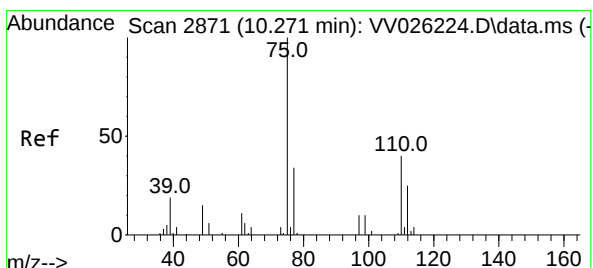
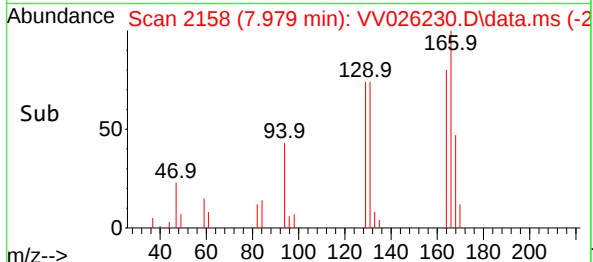
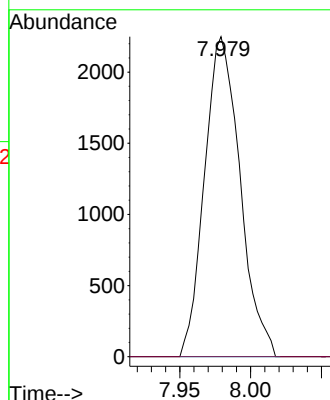
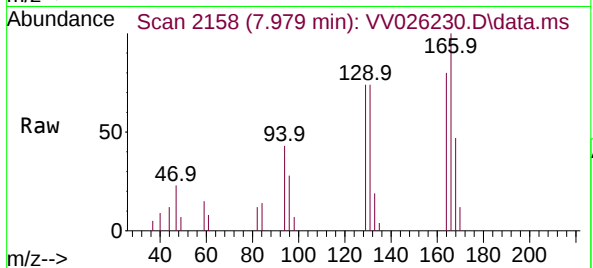
VIBLK256

Tgt Ion:129 Resp: 3922

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.495 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026230.D

Acq: 14 Jun 2022 12:32

Tgt Ion: 75 Resp: 7390

Ion Ratio Lower Upper

75 100

77 34.9 27.8 41.8

110 1.1 33.0 49.4#

