

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023975.D
 Acq On : 14 Dec 2021 18:12
 Operator : SY/MD
 Sample : M5006-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 15 01:40:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

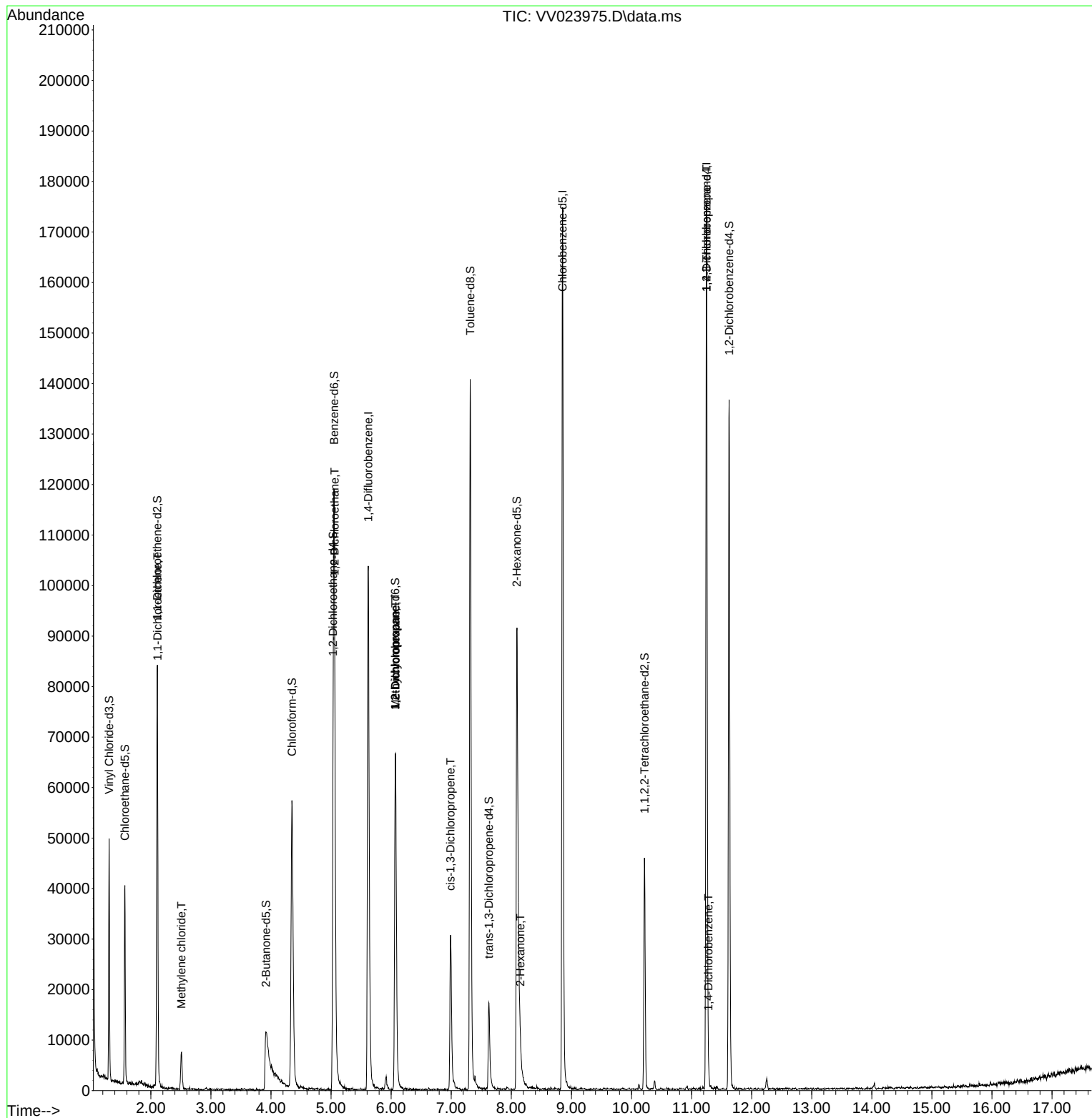
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93536	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27929	5.554	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.000%		
7) Chloroethane-d5	1.568	69	22616	5.391	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.108	63	41714	4.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 85.000%		
20) 2-Butanone-d5	3.915	46	29014	29.534	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 59.060%		
24) Chloroform-d	4.349	84	56981	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
26) 1,2-Dichloroethane-d4	5.034	65	28399	5.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
32) Benzene-d6	5.050	84	108457	5.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.000%		
36) 1,2-Dichloropropane-d6	6.069	67	30038	5.003	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.000%		
41) Toluene-d8	7.317	98	94735	5.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	7.625	79	11522	4.626	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.600%		
46) 2-Hexanone-d5	8.092	63	37335	33.484	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 66.960%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21133	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 84.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	37522	5.707	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	380	0.061	ug/L #	1
16) Methylene chloride	2.507	84	3121	0.380	ug/L	97
27) 1,2-Dichloroethane	5.059	62	695	0.093	ug/L #	73
35) Methylcyclohexane	6.072	83	8436	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	3766	0.557	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1081	0.108	ug/L	94
48) 2-Hexanone	8.149	43	3181	1.352	ug/L #	44
61) 1,2,3-Trichloropropane	11.249	75	5071	1.512	ug/L #	64
65) 1,4-Dichlorobenzene	11.281	146	778	0.052	ug/L	97

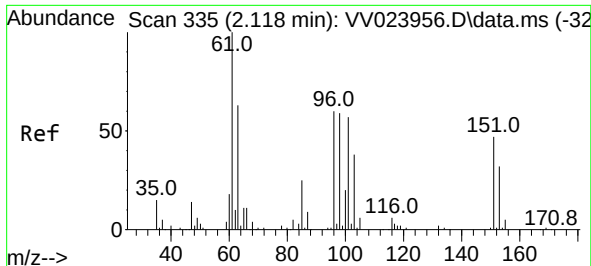
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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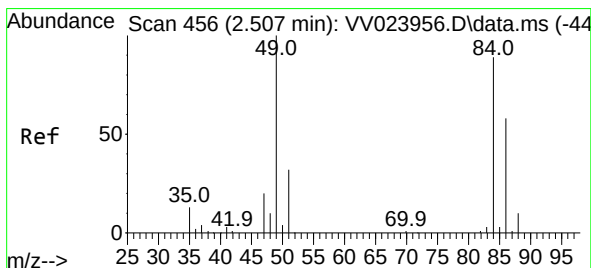
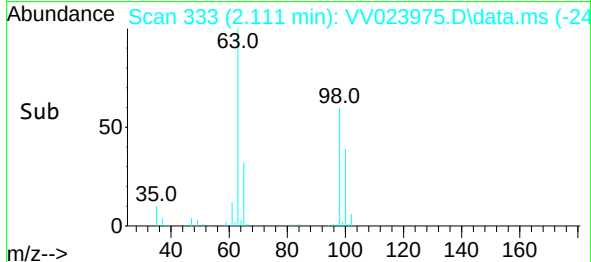
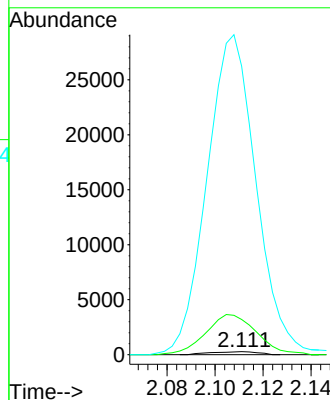
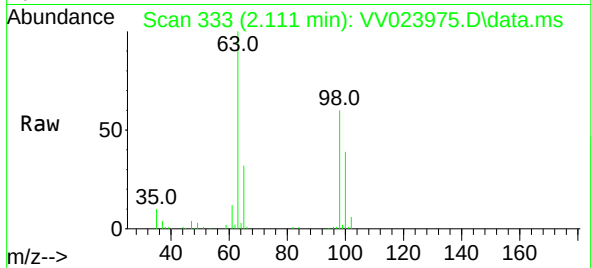




#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023975.D
Acq: 14 Dec 2021 18:12

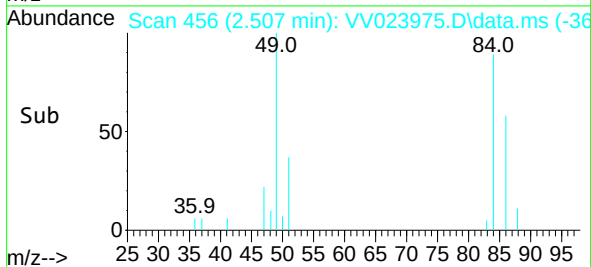
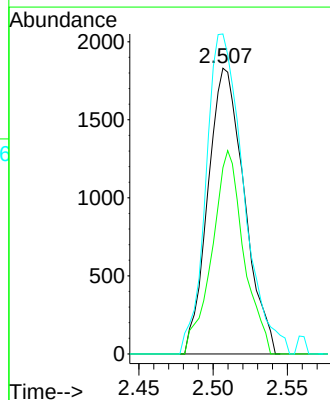
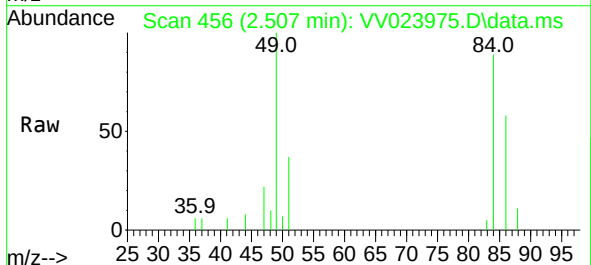
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

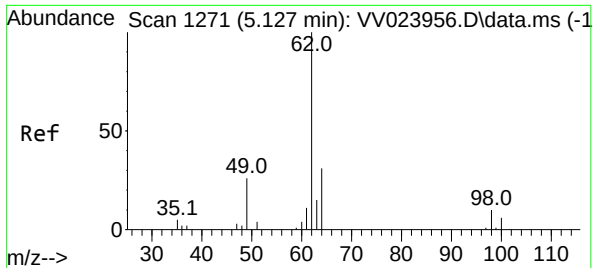
Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 1160.5 116.1 215.5#
63 9507.2 79.4 147.4#



#16
Methylene chloride
Concen: 0.380 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023975.D
Acq: 14 Dec 2021 18:12

Tgt Ion: 84 Resp: 3121
Ion Ratio Lower Upper
84 100
86 65.2 42.6 79.0
49 112.0 79.7 147.9





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.059 min Scan# 1

Delta R.T. -0.071 min

Lab File: VV023975.D

Acq: 14 Dec 2021 18:12

Instrument :

MSVOA_V

ClientSampleId :

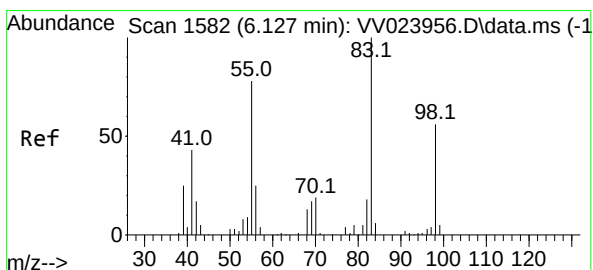
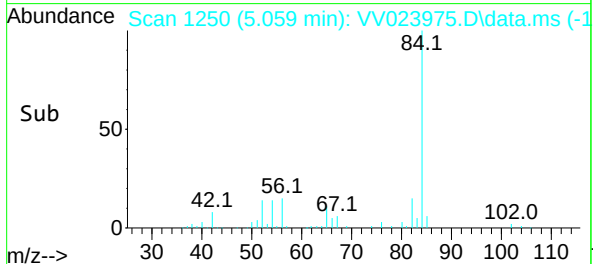
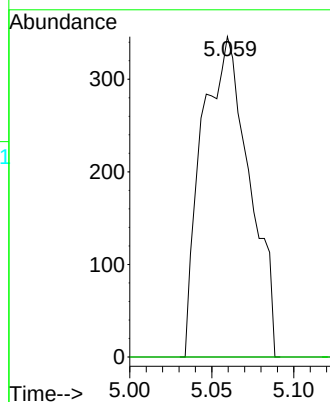
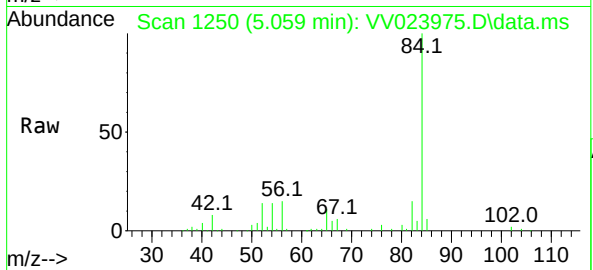
VHBLK001

Tgt Ion: 62 Resp: 695

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023975.D

Acq: 14 Dec 2021 18:12

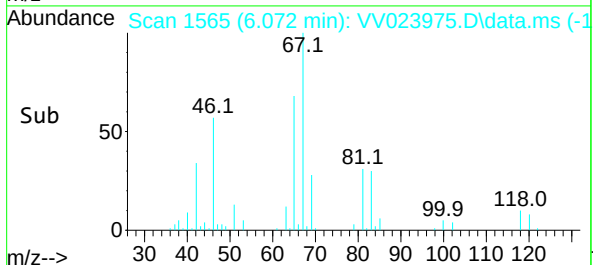
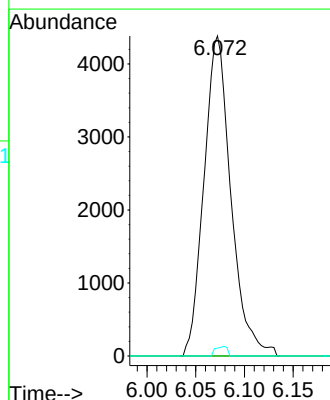
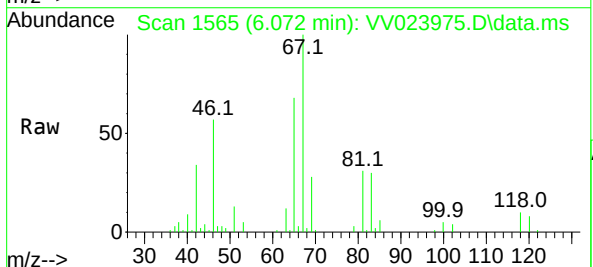
Tgt Ion: 83 Resp: 8436

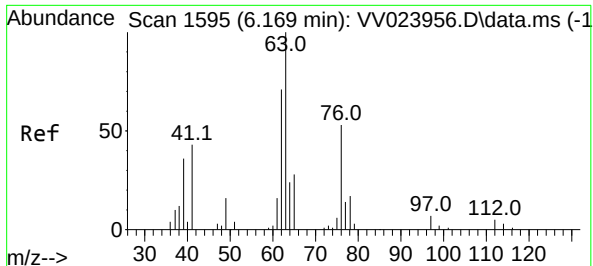
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV023975.D

Acq: 14 Dec 2021 18:12

Instrument :

MSVOA_V

ClientSampleId :

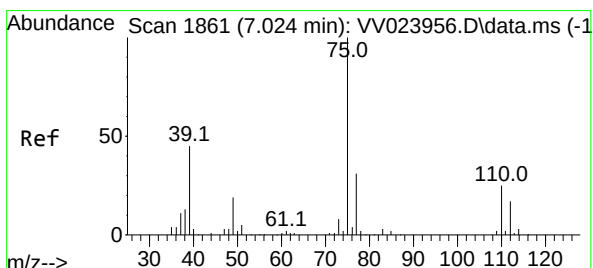
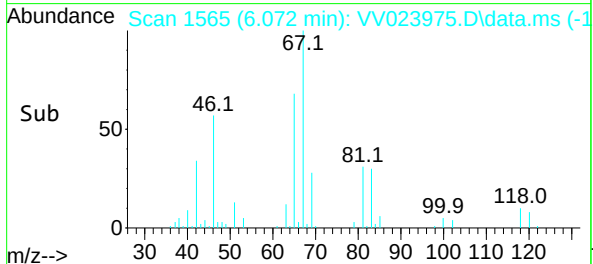
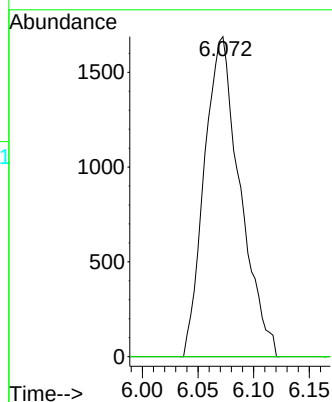
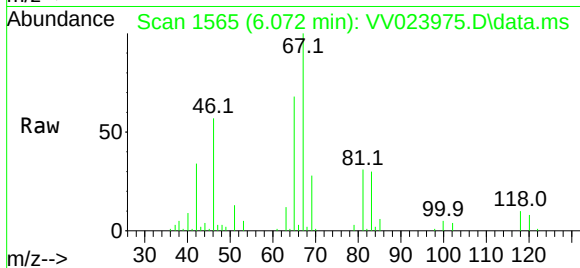
VHBLK001

Tgt Ion: 63 Resp: 3766

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023975.D

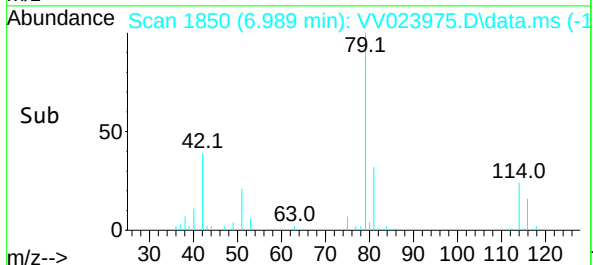
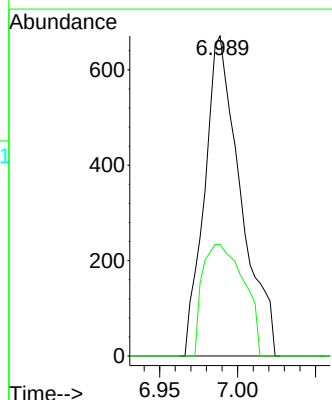
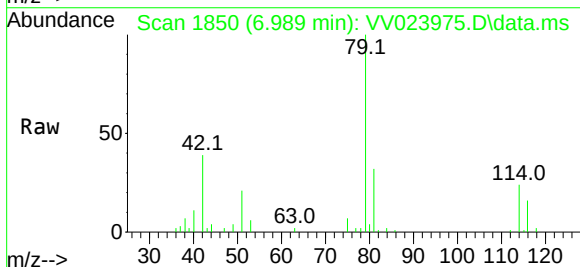
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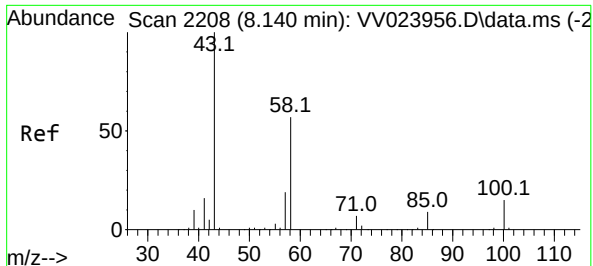
Tgt Ion: 75 Resp: 1081

Ion Ratio Lower Upper

75 100

77 34.9 22.0 41.0





#48

2-Hexanone

Concen: 1.352 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV023975.D

Acq: 14 Dec 2021 18:12

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 43 Resp: 3181

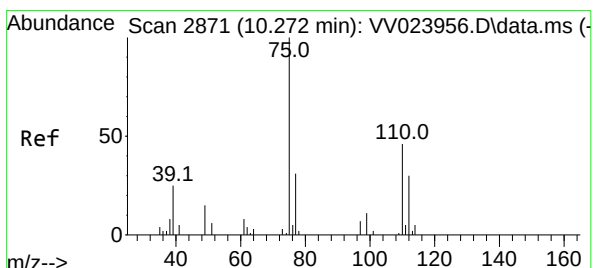
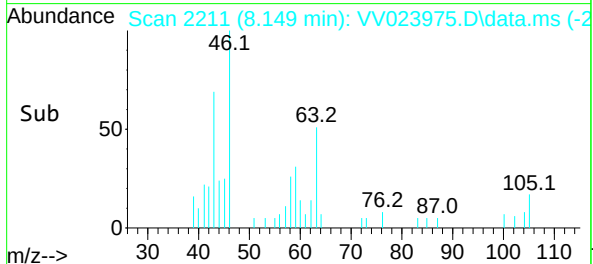
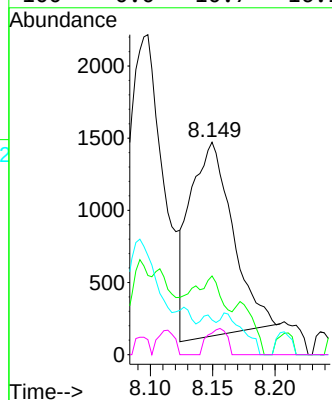
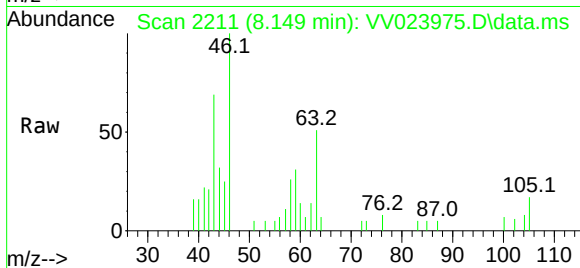
Ion Ratio Lower Upper

43 100

58 6.3 44.5 66.7#

57 1.7 15.1 22.7#

100 0.0 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.512 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023975.D

Acq: 14 Dec 2021 18:12

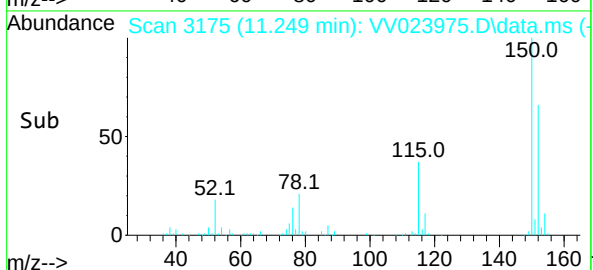
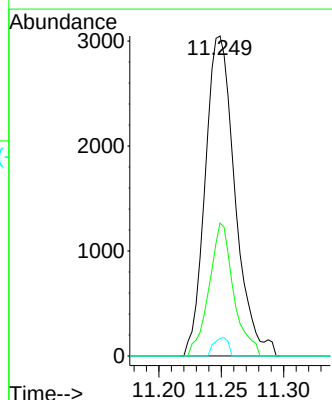
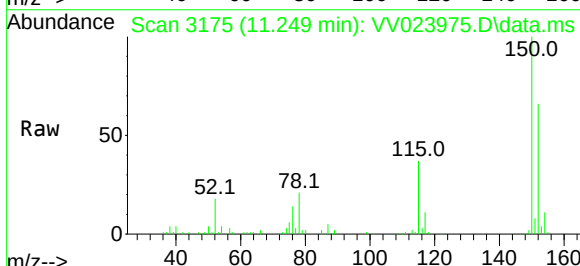
Tgt Ion: 75 Resp: 5071

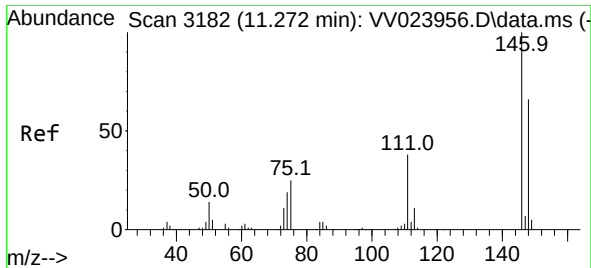
Ion Ratio Lower Upper

75 100

77 34.3 26.4 39.6

110 2.8 34.2 51.2#





#65

1,4-Dichlorobenzene

Concen: 0.052 ug/L

RT: 11.281 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV023975.D

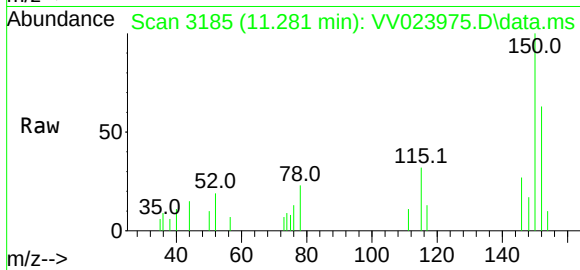
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Tgt Ion:146 Resp: 778

Ion Ratio Lower Upper

146 100

111 41.6 25.6 47.6

148 63.8 44.8 83.2

