

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025552.D
 Acq On : 14 Apr 2022 17:38
 Operator : SY/MD
 Sample : N2373-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Apr 15 07:24:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

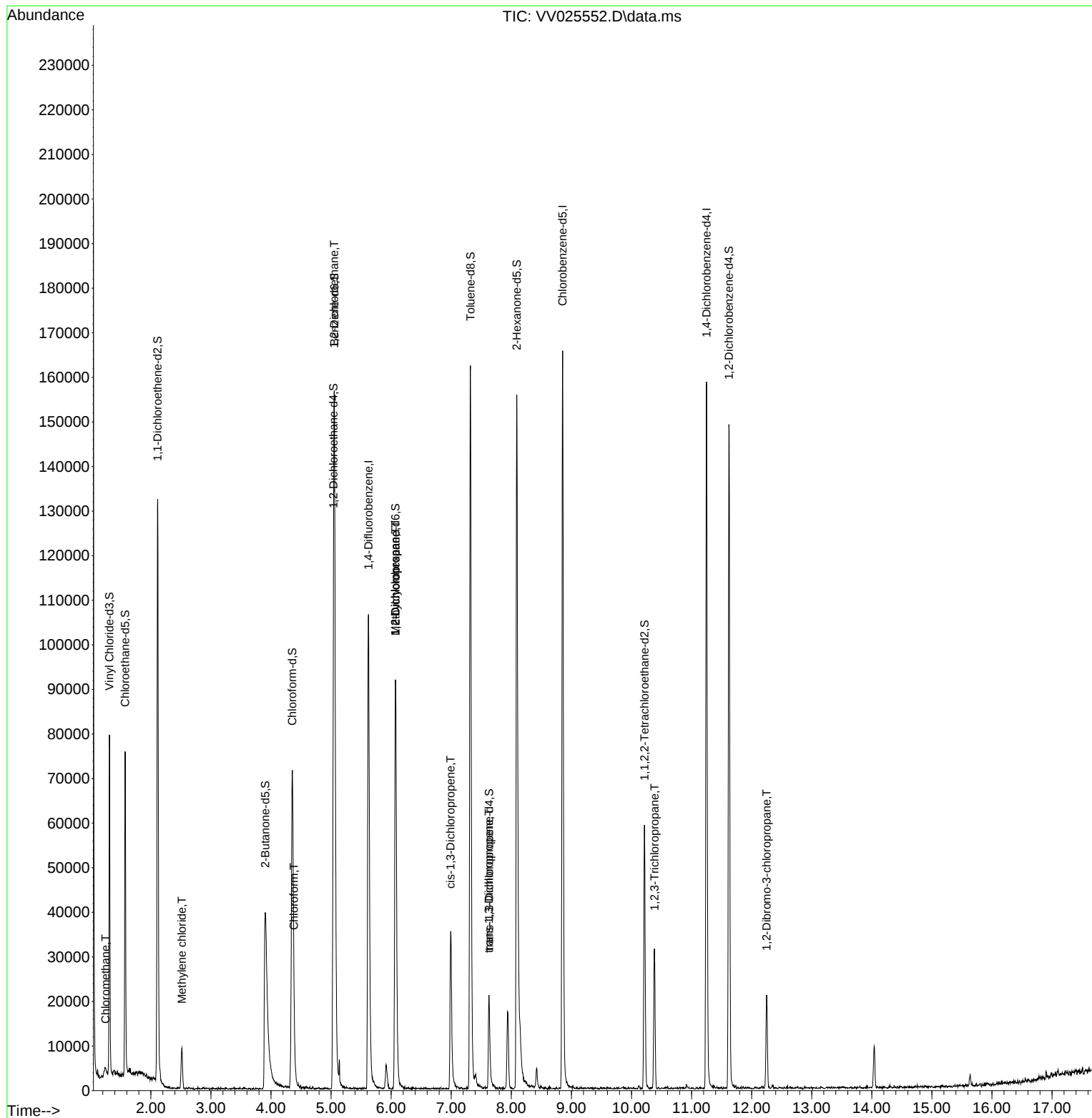
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	93001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	92495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	39789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	47824	5.531	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.600%	
7) Chloroethane-d5	1.571	69	46775	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.111	63	70007	4.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.800%	
20) 2-Butanone-d5	3.905	46	73957	70.318	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	140.640%#	
24) Chloroform-d	4.355	84	75462	5.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.600%	
26) 1,2-Dichloroethane-d4	5.040	65	37411	6.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.000%#	
32) Benzene-d6	5.053	84	142716	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.072	67	44628	5.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	119.600%	
41) Toluene-d8	7.320	98	108567	4.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.628	79	12587	5.017	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.400%	
46) 2-Hexanone-d5	8.091	63	53159	60.377	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28741	6.095	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	122.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	37306	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
3) Chloromethane	1.246	50	505	0.055	ug/L	97
16) Methylene chloride	2.516	84	3763	0.481	ug/L	96
25) Chloroform	4.381	83	2535	0.210	ug/L	99
27) 1,2-Dichloroethane	5.050	62	949	0.149	ug/L #	71
35) Methylcyclohexane	6.072	83	10974	0.948	ug/L #	28
37) 1,2-Dichloropropane	6.072	63	5235	0.828	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1111	0.134	ug/L #	76
44) trans-1,3-Dichloropropene	7.625	75	475	0.074	ug/L #	73
61) 1,2,3-Trichloropropane	10.384	75	228	0.087	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.249	75	761	1.680	ug/L #	2

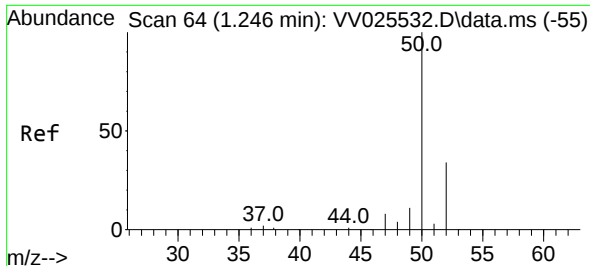
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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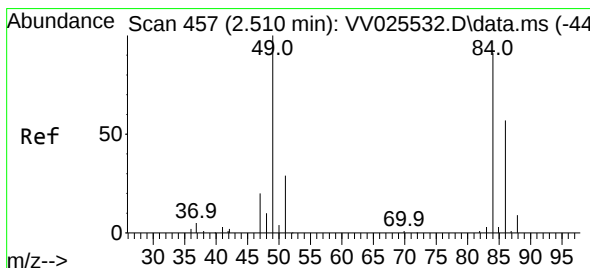
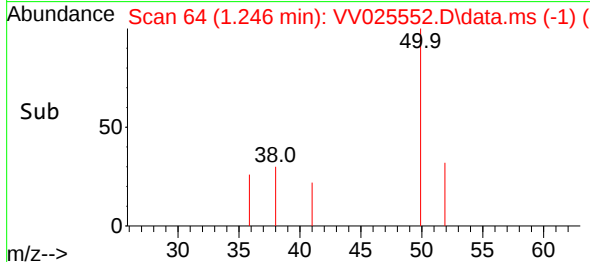
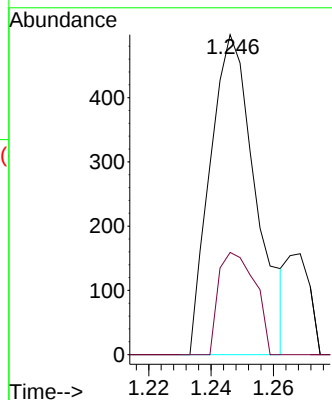
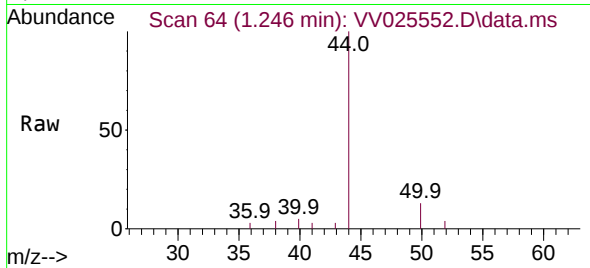




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025552.D
Acq: 14 Apr 2022 17:38

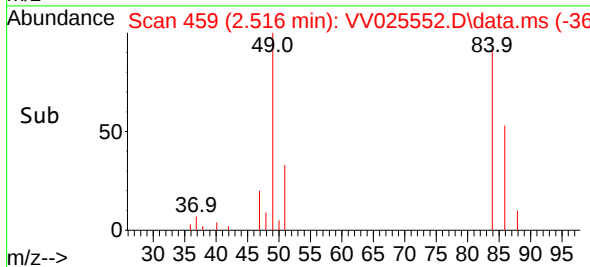
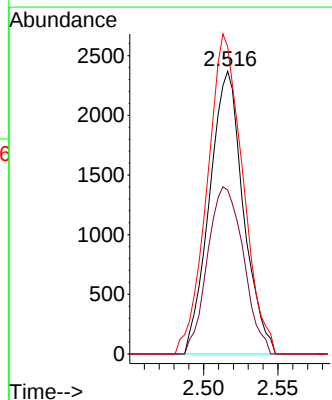
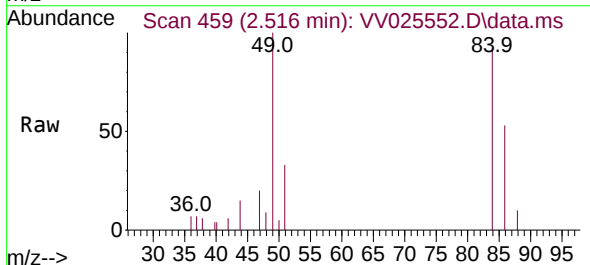
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

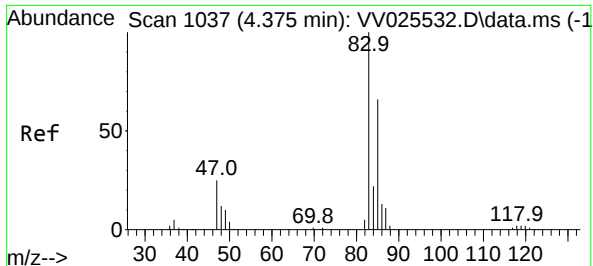
Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 31.9 23.7 43.9



#16
Methylene chloride
Concen: 0.481 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.006 min
Lab File: VV025552.D
Acq: 14 Apr 2022 17:38

Tgt Ion: 84 Resp: 3763
Ion Ratio Lower Upper
84 100
86 58.0 45.9 85.3
49 108.7 76.6 142.3





#25

Chloroform

Concen: 0.210 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV025552.D

Acq: 14 Apr 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

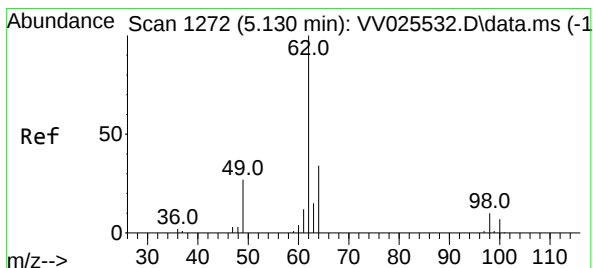
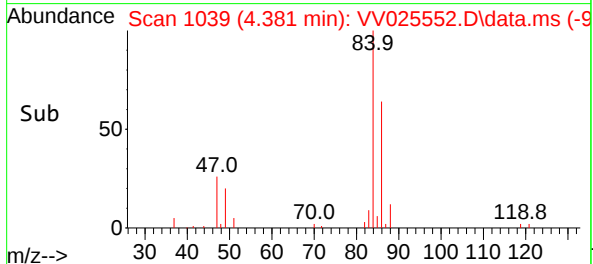
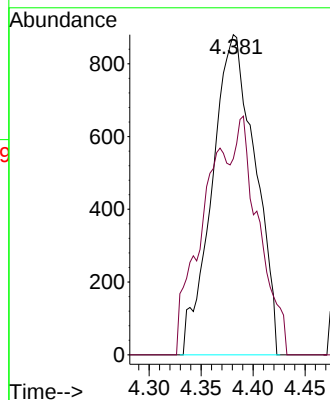
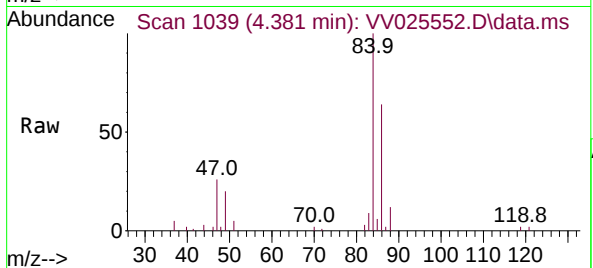
VHBLK001

Tgt Ion: 83 Resp: 2535

Ion Ratio Lower Upper

83 100

85 61.3 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.149 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.081 min

Lab File: VV025552.D

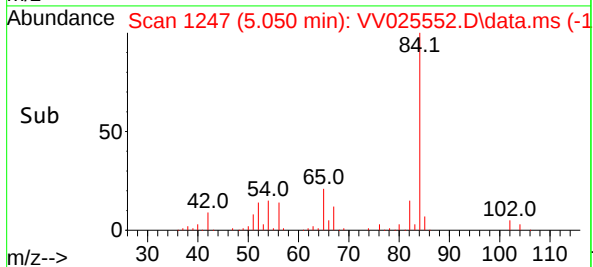
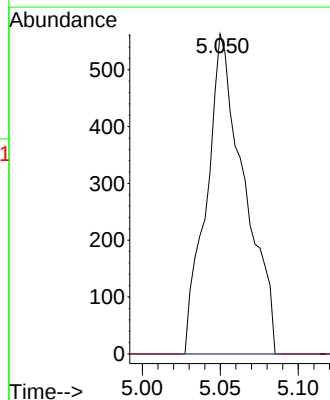
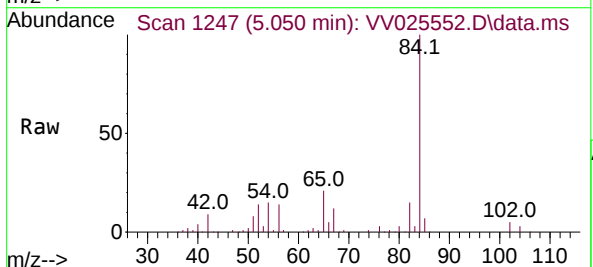
Acq: 14 Apr 2022 17:38

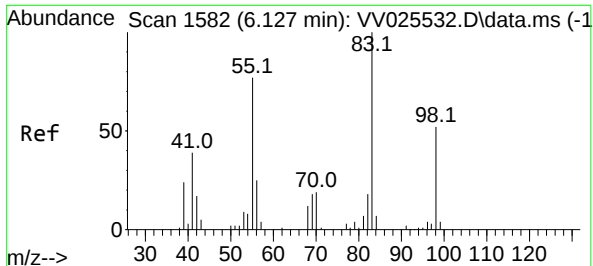
Tgt Ion: 62 Resp: 949

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025552.D

Acq: 14 Apr 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

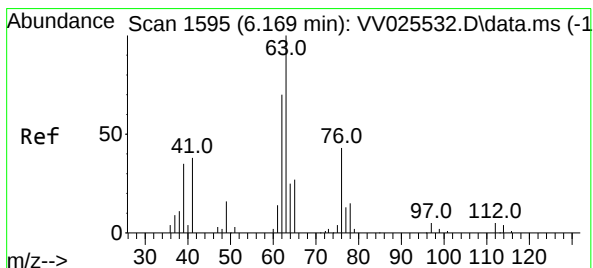
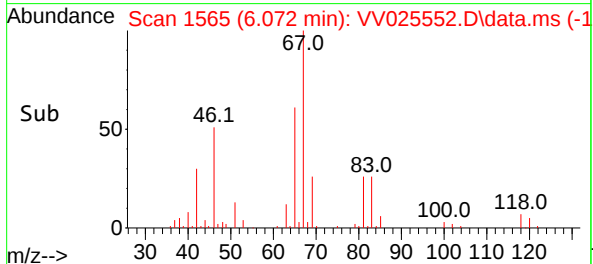
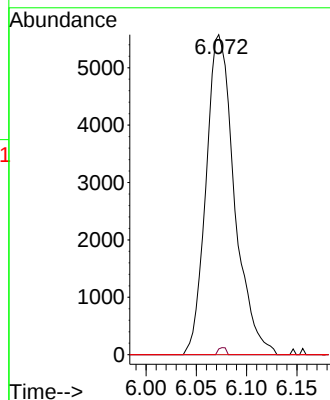
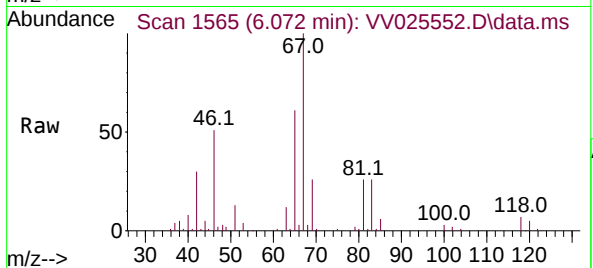
Tgt Ion: 83 Resp: 10974

Ion Ratio Lower Upper

83 100

55 0.6 53.7 80.5#

98 9.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.828 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV025552.D

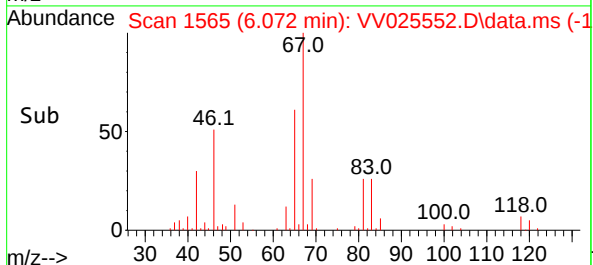
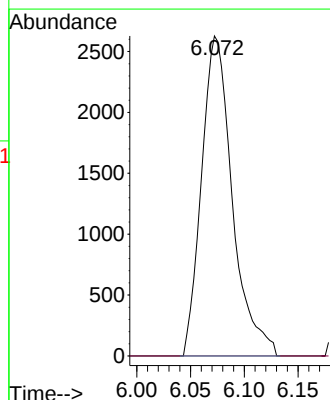
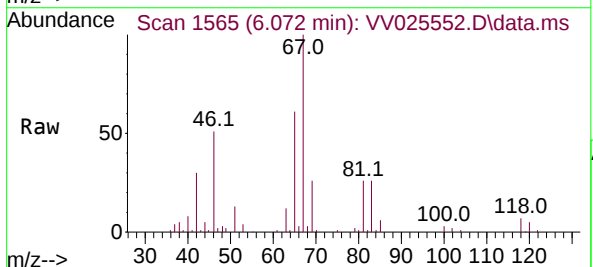
Acq: 14 Apr 2022 17:38

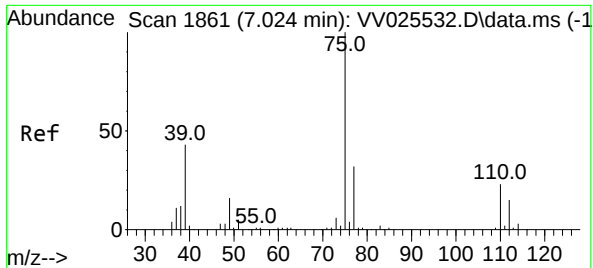
Tgt Ion: 63 Resp: 5235

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025552.D

Acq: 14 Apr 2022 17:38

Instrument :

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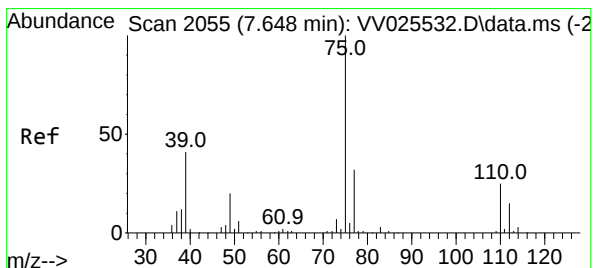
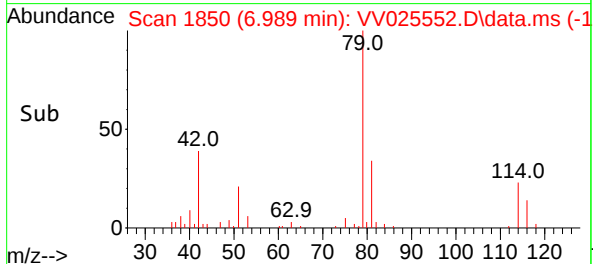
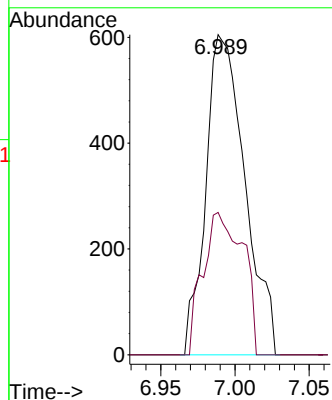
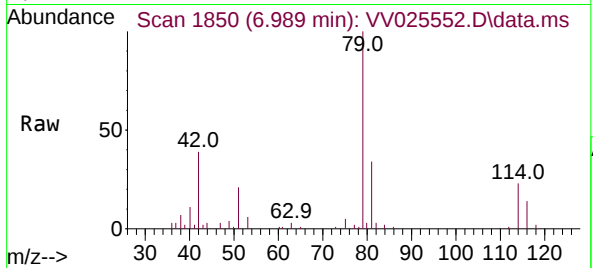
VHBLK001

Tgt Ion: 75 Resp: 1111

Ion Ratio Lower Upper

75 100

77 44.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025552.D

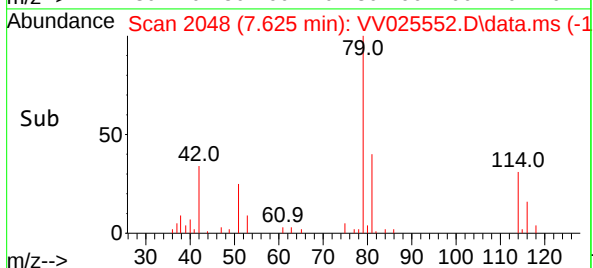
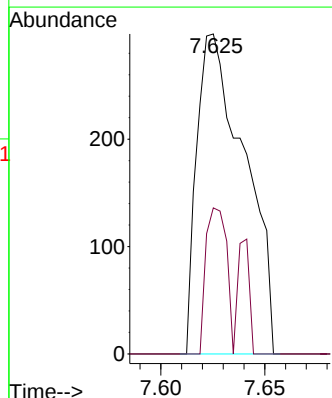
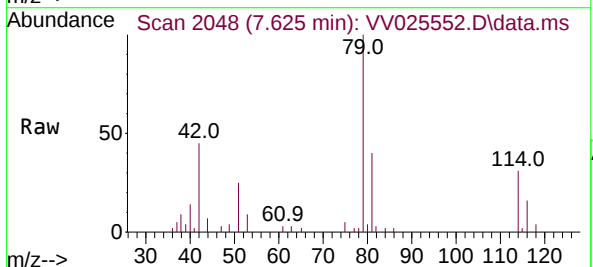
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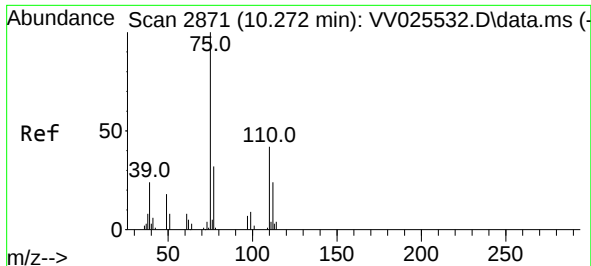
Tgt Ion: 75 Resp: 475

Ion Ratio Lower Upper

75 100

77 45.6 21.7 40.3#

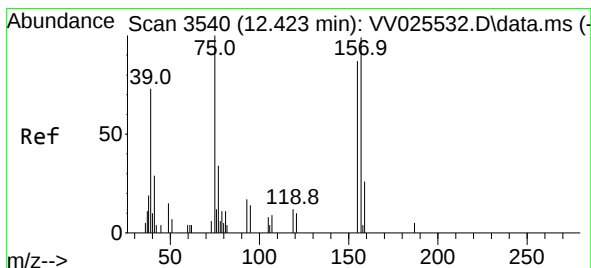
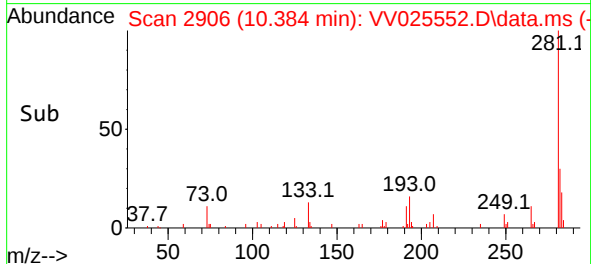
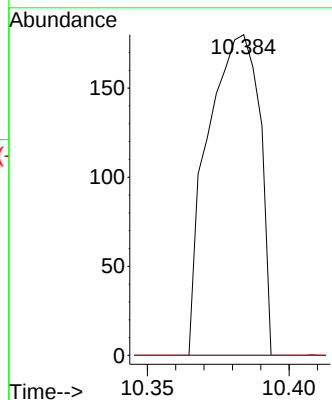
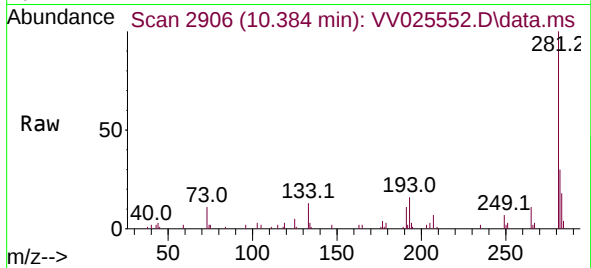




#61
1,2,3-Trichloropropane
Concen: 0.087 ug/L
RT: 10.384 min Scan# 2906
Delta R.T. 0.112 min
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Tgt Ion: 75 Resp: 228
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 1.680 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.174 min
Lab File: VV025552.D
Acq: 14 Apr 2022 17:38

Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

