

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024765.D
 Acq On : 18 Feb 2022 19:47
 Operator : SY/MD
 Sample : N1510-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Feb 19 00:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

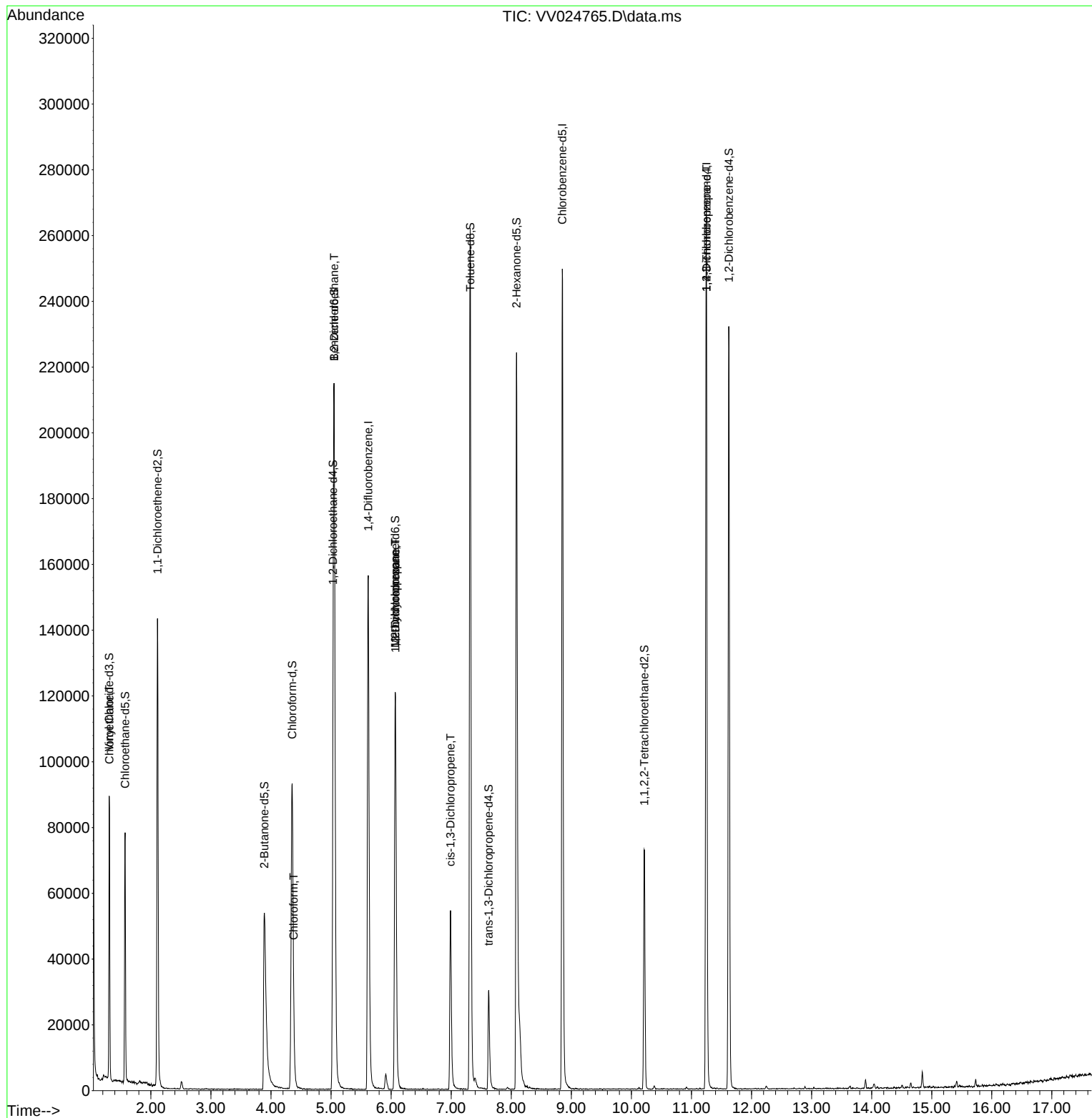
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53746	4.550	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.571	69	49072	5.064	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.111	63	75364	3.482	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	3.889	46	104518	61.952	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.900%	
24) Chloroform-d	4.352	84	96583	5.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.034	65	46603	5.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
32) Benzene-d6	5.053	84	201348	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.069	67	62063	5.313	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.317	98	174581	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18561	4.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.088	63	80138	52.334	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36330	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56453	4.881	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
8) Chloroethane	1.310	64	704	0.077	ug/L #	1
25) Chloroform	4.378	83	4286	0.212	ug/L	98
27) 1,2-Dichloroethane	5.053	62	1029	0.095	ug/L #	73
35) Methylcyclohexane	6.069	83	14999	0.752	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	6561	0.596	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1339	0.088	ug/L #	57
61) 1,2,3-Trichloropropane	11.249	75	8875	1.465	ug/L #	67

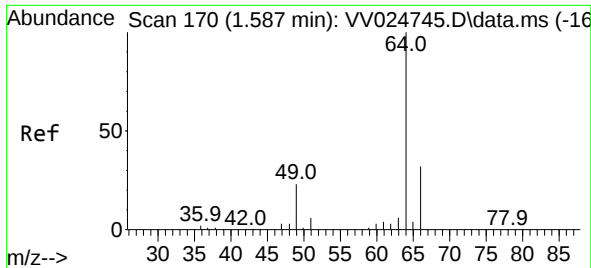
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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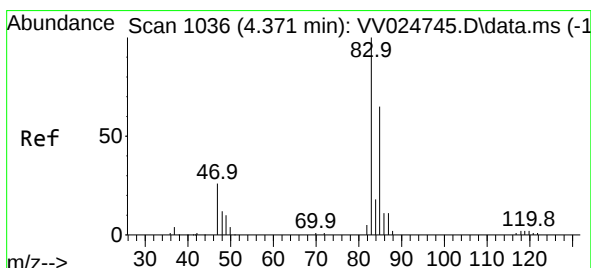
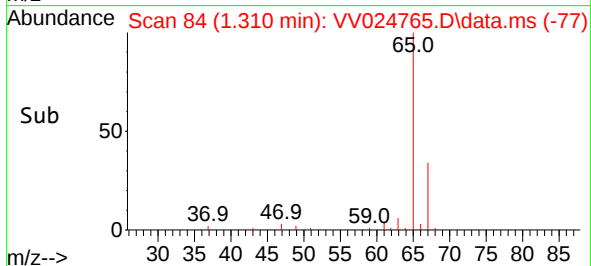
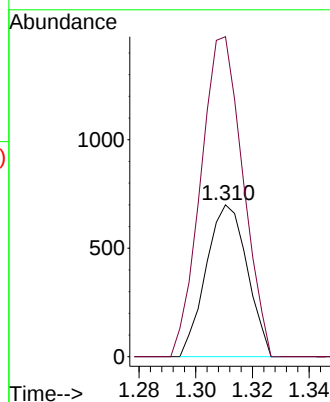
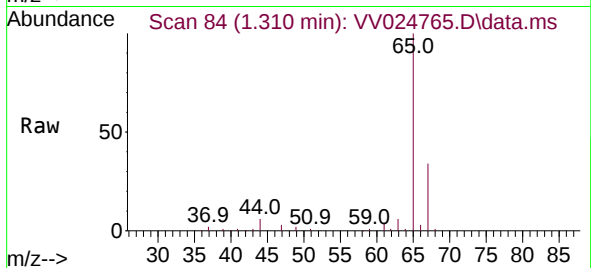




#8
Chloroethane
Concen: 0.077 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV024765.D
Acq: 18 Feb 2022 19:47

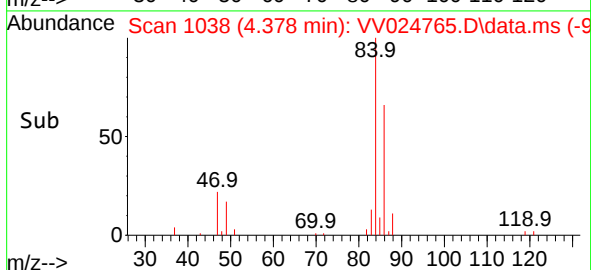
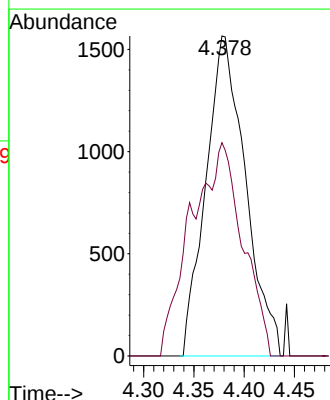
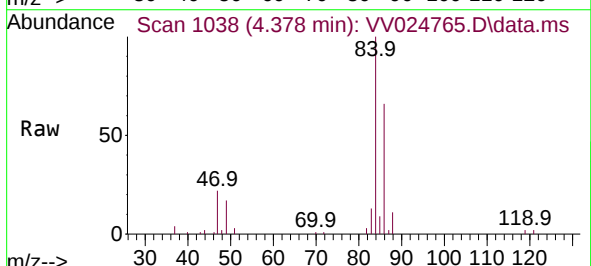
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

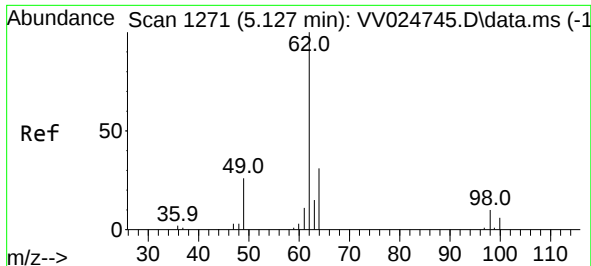
Tgt Ion: 64 Resp: 704
Ion Ratio Lower Upper
64 100
66 210.7 22.5 41.9#



#25
Chloroform
Concen: 0.212 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV024765.D
Acq: 18 Feb 2022 19:47

Tgt Ion: 83 Resp: 4286
Ion Ratio Lower Upper
83 100
85 66.7 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV024765.D

Acq: 18 Feb 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

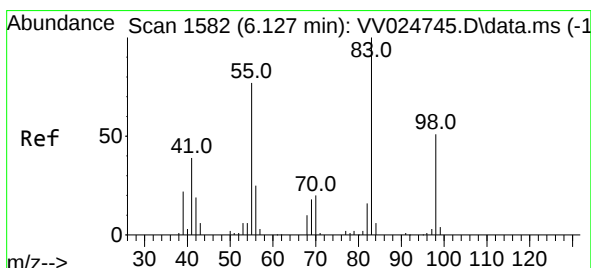
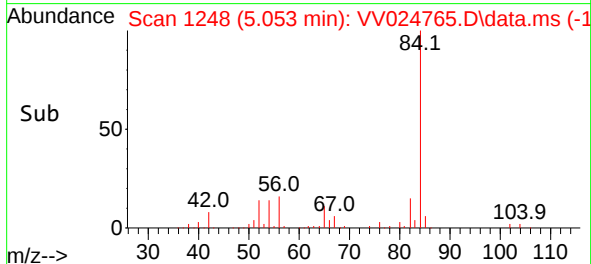
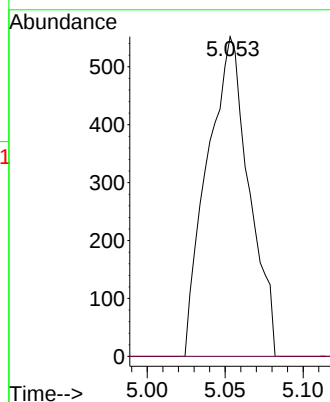
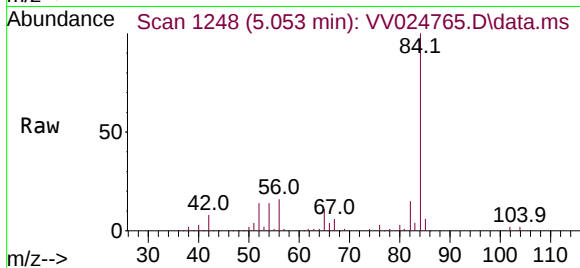
VHBLK001

Tgt Ion: 62 Resp: 1029

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024765.D

Acq: 18 Feb 2022 19:47

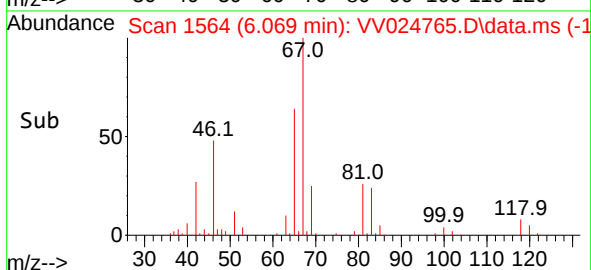
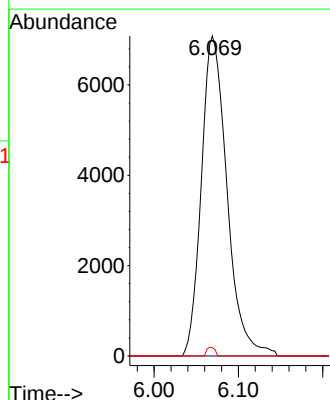
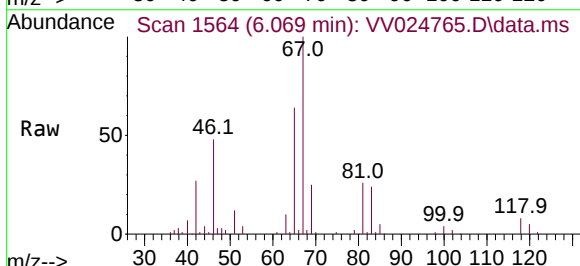
Tgt Ion: 83 Resp: 14999

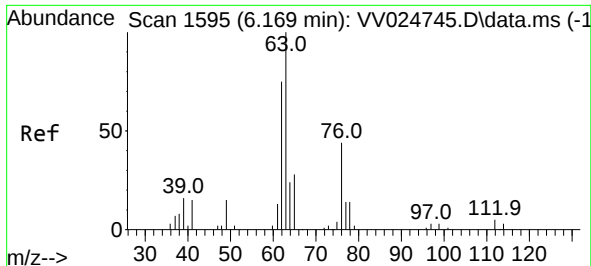
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.9 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024765.D

Acq: 18 Feb 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

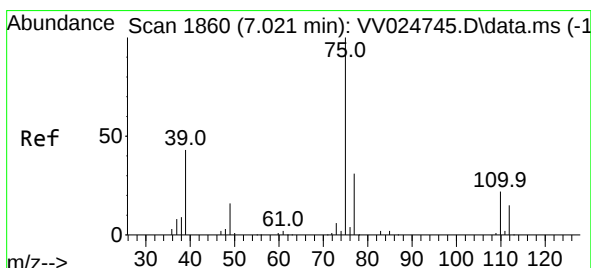
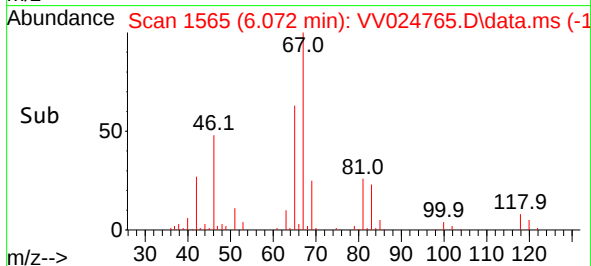
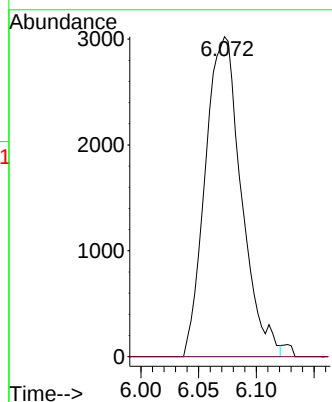
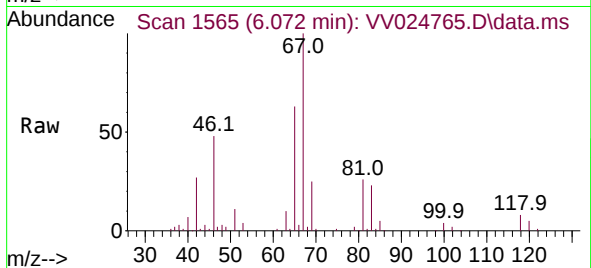
VHBLK001

Tgt Ion: 63 Resp: 6561

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV024765.D

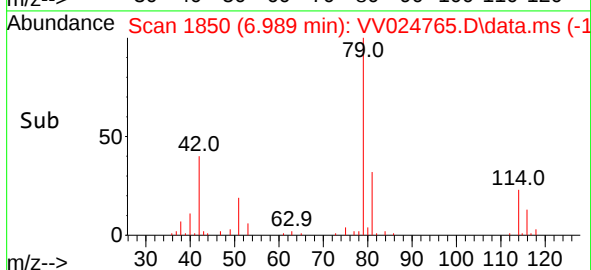
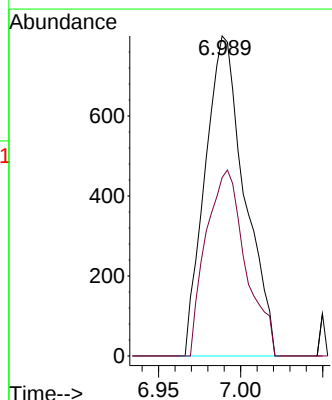
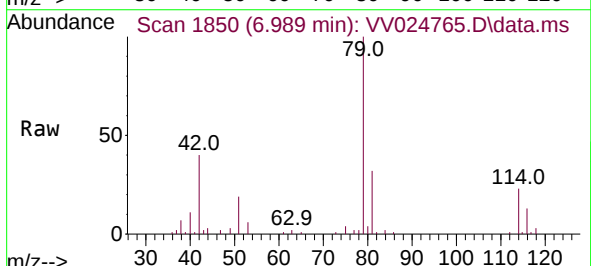
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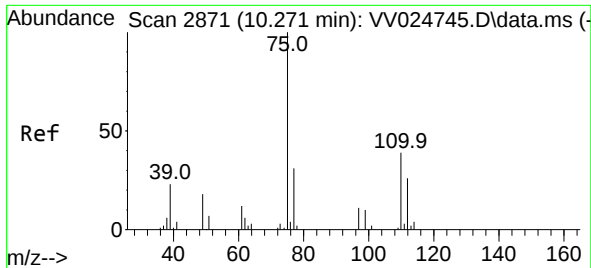
Tgt Ion: 75 Resp: 1339

Ion Ratio Lower Upper

75 100

77 55.8 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV024765.D

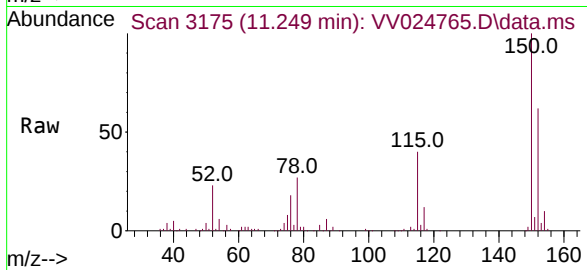
Acq: 18 Feb 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001



Tgt Ion: 75 Resp: 8875

Ion Ratio Lower Upper

75 100

77 35.3 26.3 39.5

110 2.8 30.3 45.5#

