

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025832.D
 Acq On : 04 May 2022 07:23
 Operator : SY/MD
 Sample : N2678-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0C9

Quant Time: May 04 08:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

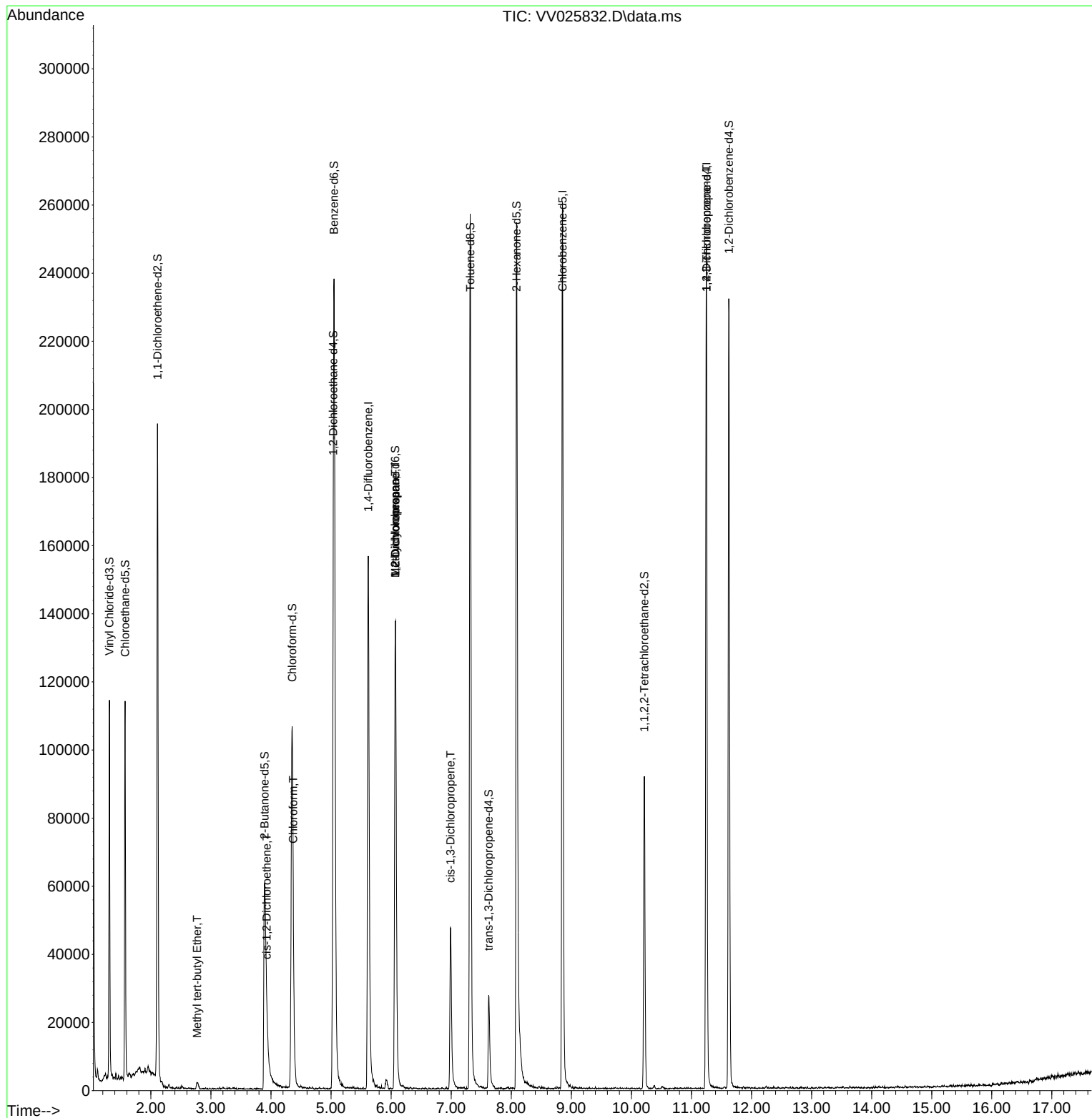
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137338	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	70148	4.660	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.571	69	67834	5.123	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.111	63	102982	3.601	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.000%	
20) 2-Butanone-d5	3.892	46	113108	54.903	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.800%	
24) Chloroform-d	4.352	84	112358	4.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.037	65	53221	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.050	84	216137	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.069	67	68206	5.021	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.317	98	174570	4.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16716	3.887	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.088	63	85436	50.978	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45910	5.353	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	58087	5.080	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	1804	0.090	ug/L #	90
22) cis-1,2-Dichloroethene	3.931	96	1206	0.101	ug/L	81
25) Chloroform	4.371	83	2510	0.116	ug/L	100
35) Methylcyclohexane	6.069	83	15394	0.788	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7530	0.643	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1132	0.079	ug/L #	53
61) 1,2,3-Trichloropropane	11.249	75	7537	1.445	ug/L #	62

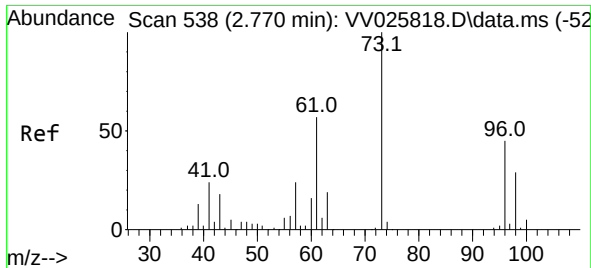
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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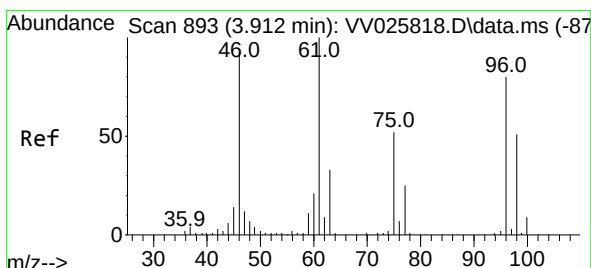
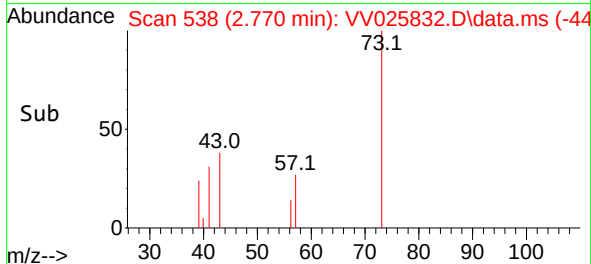
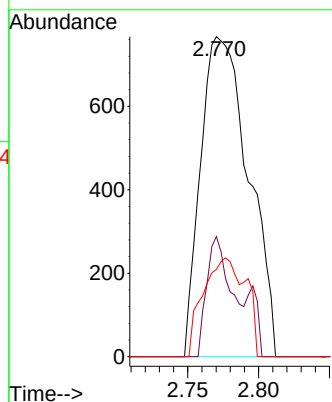
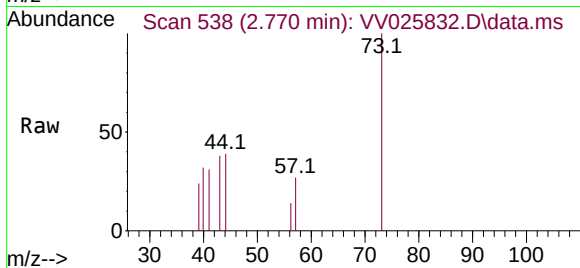




#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025832.D
Acq: 04 May 2022 07:23

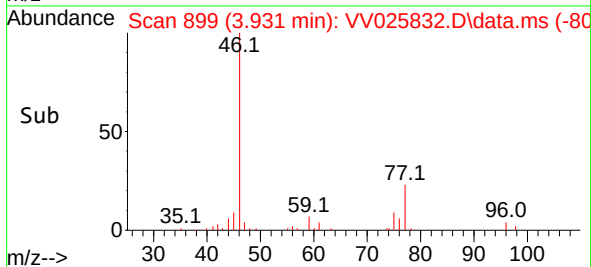
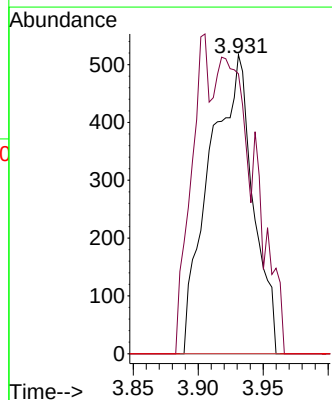
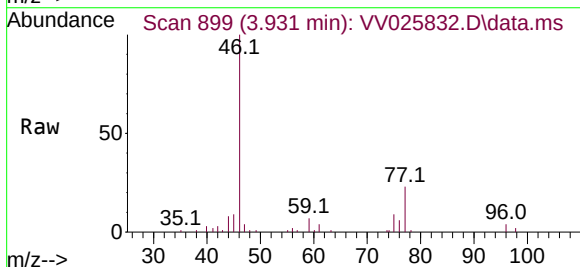
Instrument :
MSVOA_V
ClientSampleId :
BH0C9

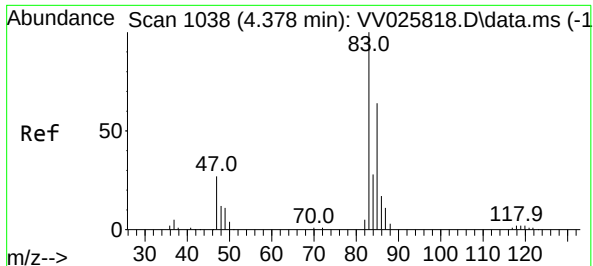
Tgt Ion: 73 Resp: 1804
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 27.4 16.1 24.1#



#22
cis-1,2-Dichloroethene
Concen: 0.101 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.019 min
Lab File: VV025832.D
Acq: 04 May 2022 07:23

Tgt Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 93.6 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.116 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV025832.D

Acq: 04 May 2022 07:23

Instrument :

MSVOA_V

ClientSampleId :

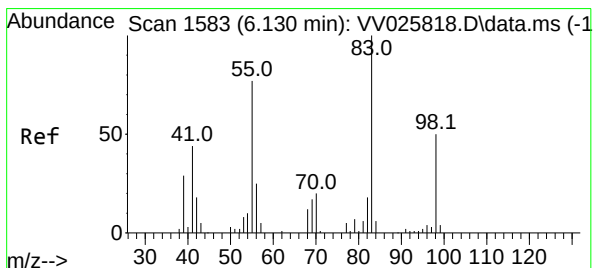
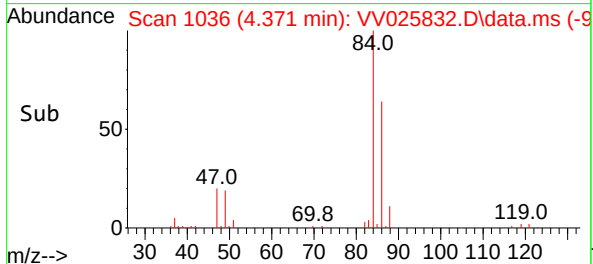
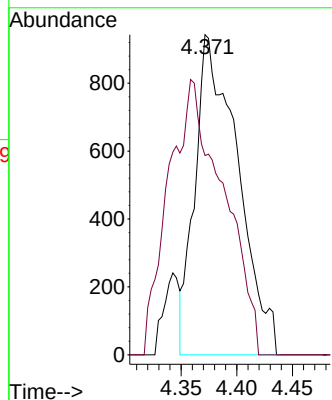
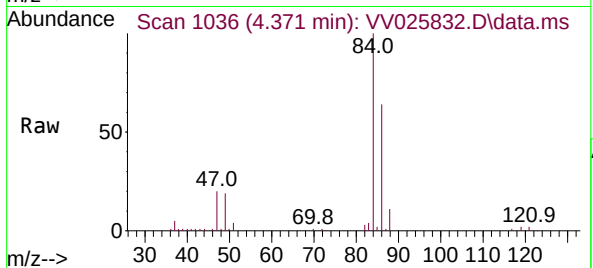
BH0C9

Tgt Ion: 83 Resp: 2510

Ion Ratio Lower Upper

83 100

85 62.2 43.5 80.7



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025832.D

Acq: 04 May 2022 07:23

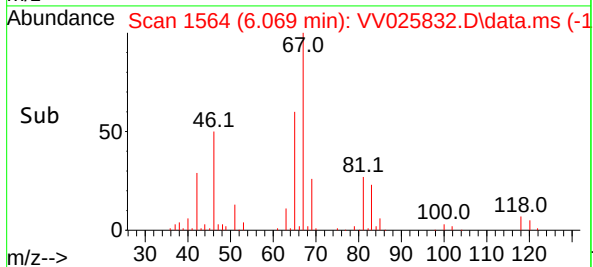
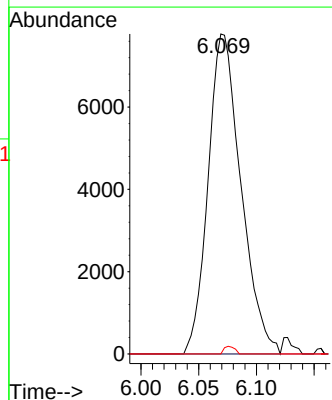
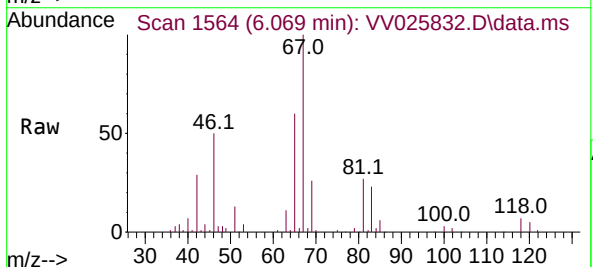
Tgt Ion: 83 Resp: 15394

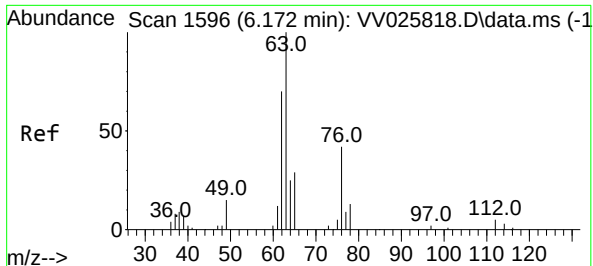
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.643 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025832.D

Acq: 04 May 2022 07:23

Instrument :

MSVOA_V

ClientSampleId :

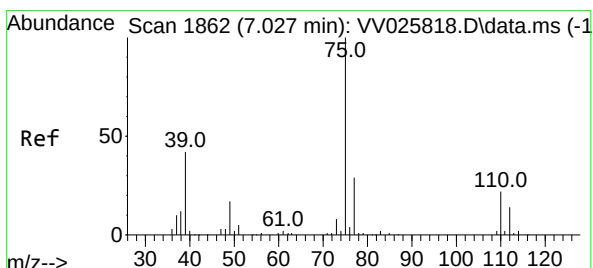
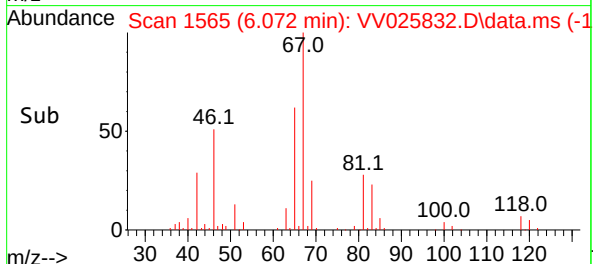
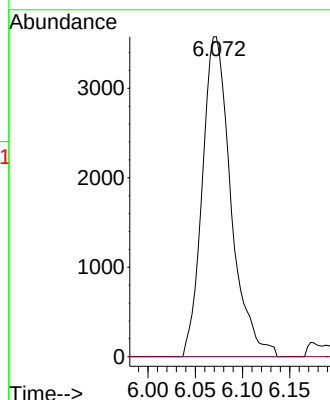
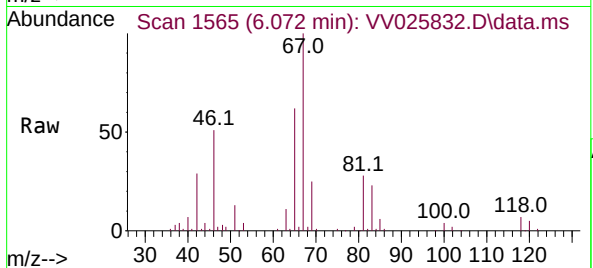
BH0C9

Tgt Ion: 63 Resp: 7530

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025832.D

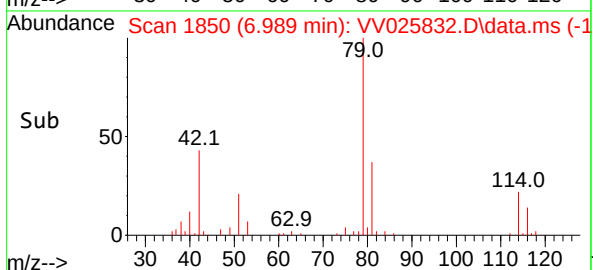
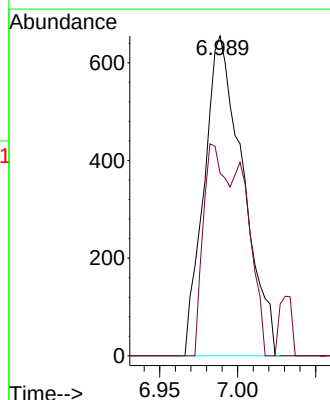
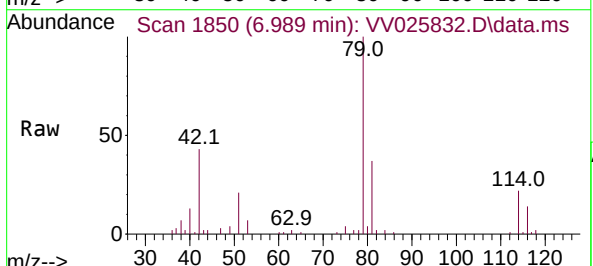
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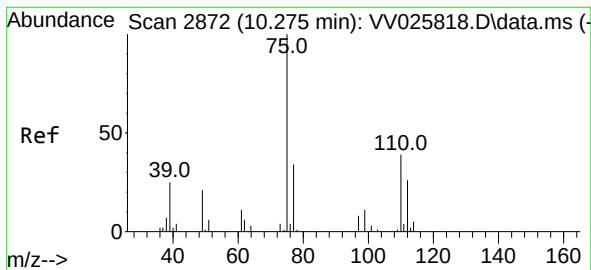
Tgt Ion: 75 Resp: 1132

Ion Ratio Lower Upper

75 100

77 57.1 21.8 40.6#





#61

1,2,3-Trichloropropane

Concen: 1.445 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025832.D

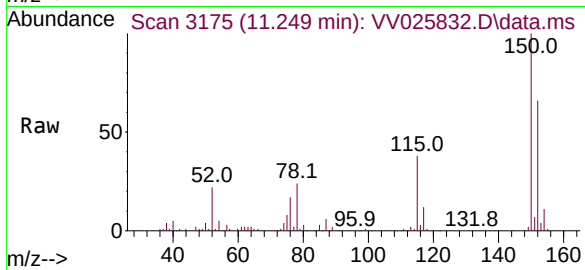
Acq: 04 May 2022 07:23

Instrument :

MSVOA_V

ClientSampleId :

BH0C9



Tgt Ion: 75 Resp: 7537

Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

110 2.0 34.7 52.1#

