

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024728.D
 Acq On : 17 Feb 2022 17:38
 Operator : SY/MD
 Sample : N1510-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M29

Quant Time: Feb 18 07:34:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

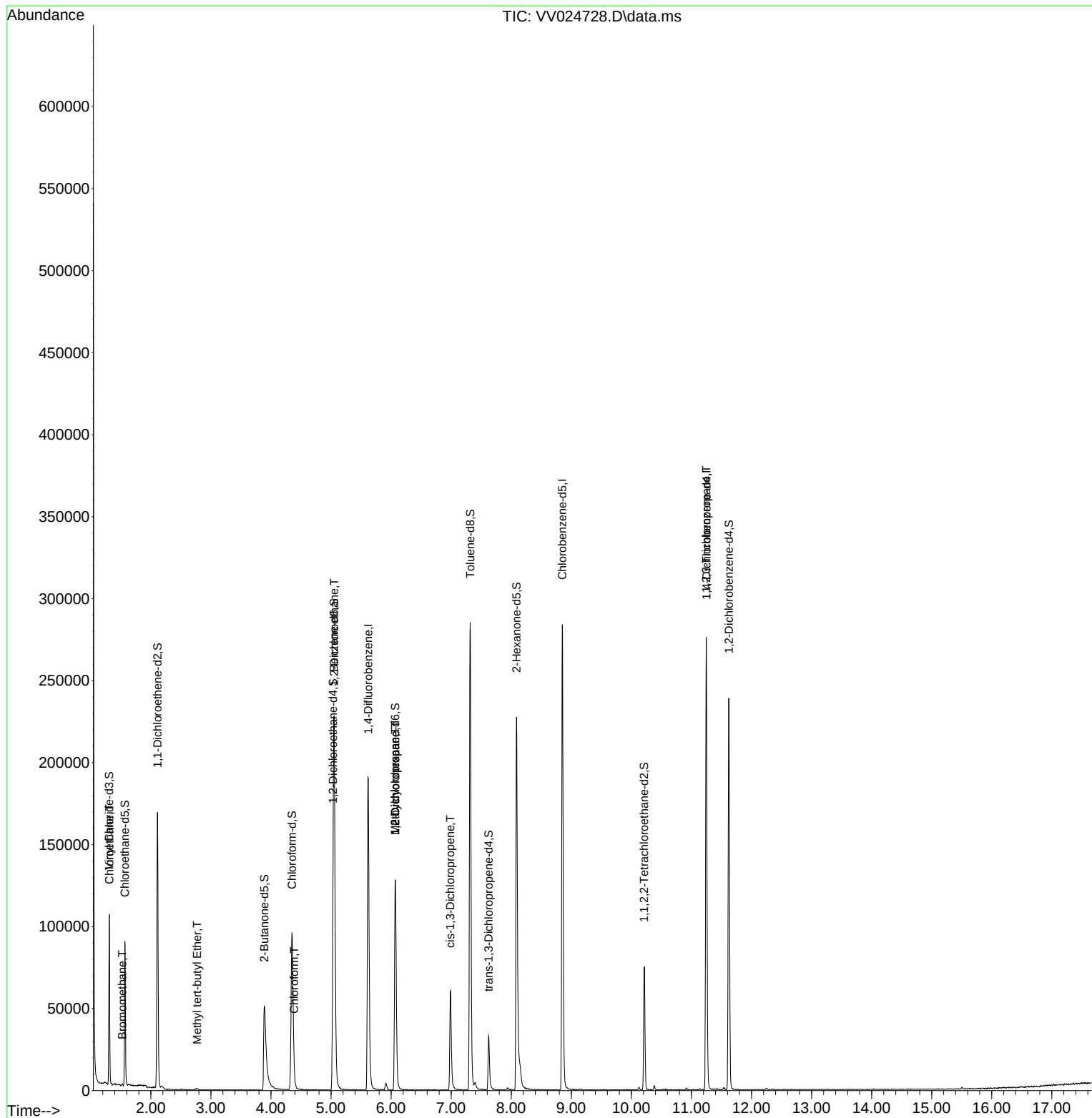
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163284	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64168	4.633	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.568	69	55802	4.911	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.111	63	89476	3.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	3.889	46	101832	51.476	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.960%	
24) Chloroform-d	4.349	84	100165	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.034	65	47566	4.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.050	84	211986	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.069	67	63181	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.317	98	188979	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.625	79	20066	4.660	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.088	63	79191	46.740	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.480%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37000	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57757	4.936	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	484	0.046	ug/L	88
8) Chloroethane	1.310	64	872	0.081	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	863	0.035	ug/L #	72
25) Chloroform	4.384	83	3531	0.149	ug/L	98
27) 1,2-Dichloroethane	5.053	62	1115	0.088	ug/L #	73
35) Methylcyclohexane	6.069	83	15330	0.695	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7339	0.603	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1508	0.089	ug/L #	81
61) 1,2,3-Trichloropropane	11.246	75	9394	1.533	ug/L #	68

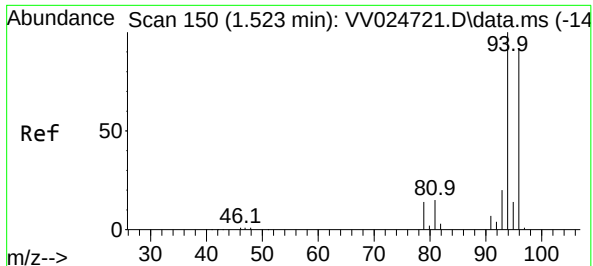
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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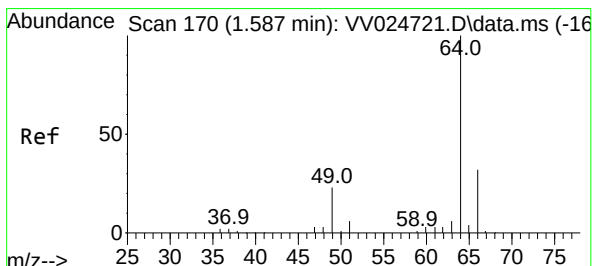
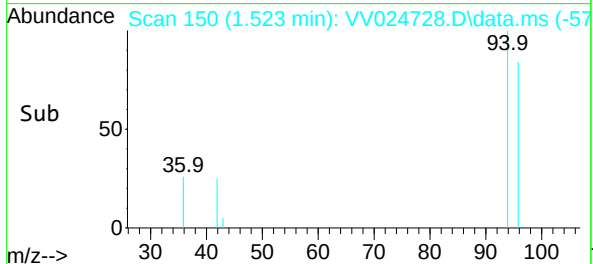
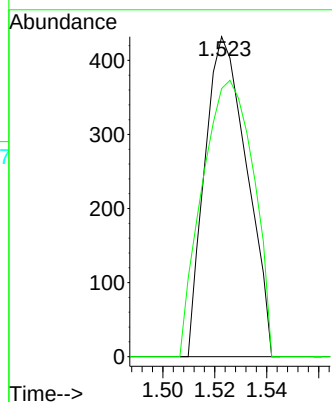
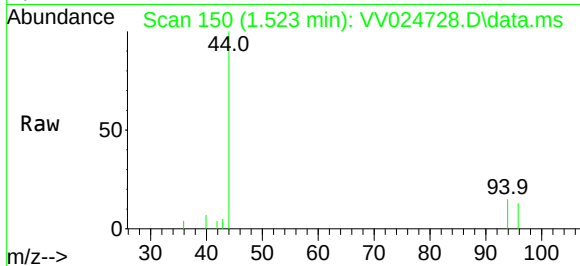




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024728.D
Acq: 17 Feb 2022 17:38

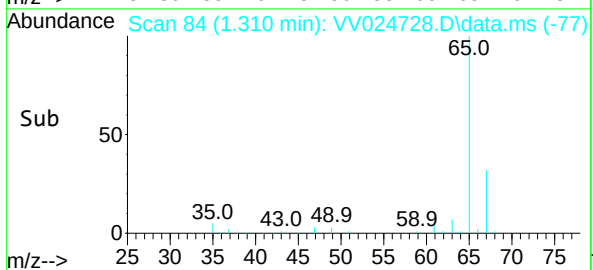
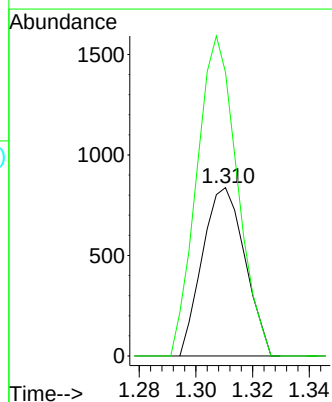
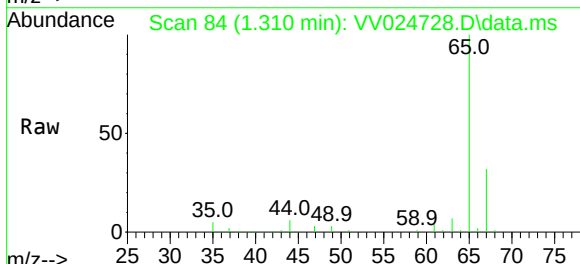
Instrument :
MSVOA_V
ClientSampleId :
F4M29

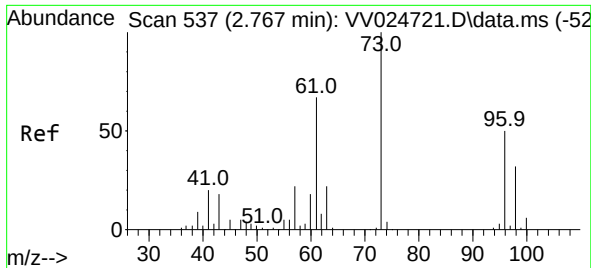
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 83.8 66.5 123.5



#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV024728.D
Acq: 17 Feb 2022 17:38

Tgt Ion: 64 Resp: 872
Ion Ratio Lower Upper
64 100
66 168.6 22.5 41.9#

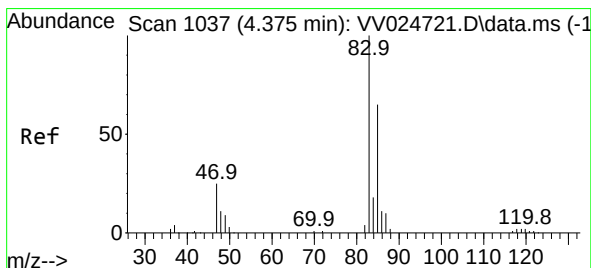
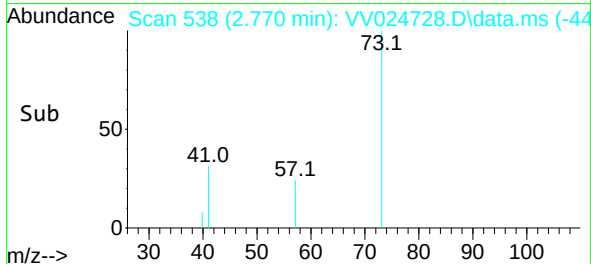
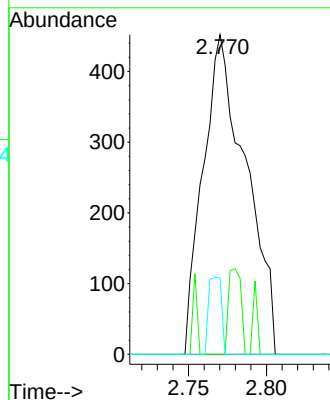
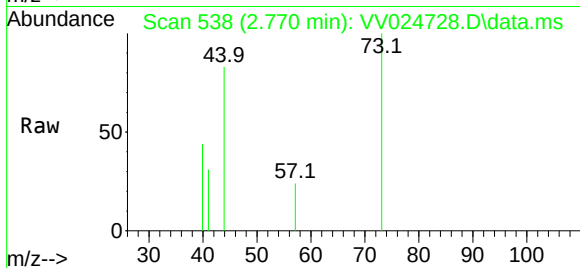




#17
Methyl tert-butyl Ether
Concen: 0.035 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024728.D
Acq: 17 Feb 2022 17:38

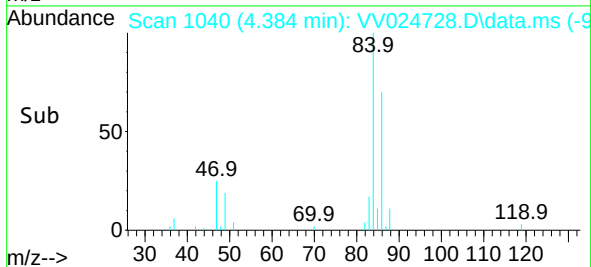
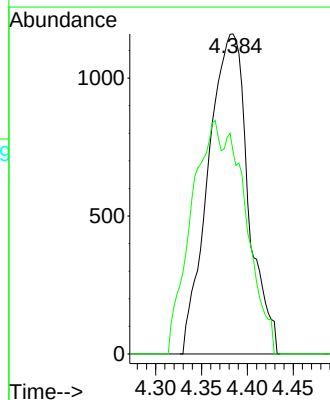
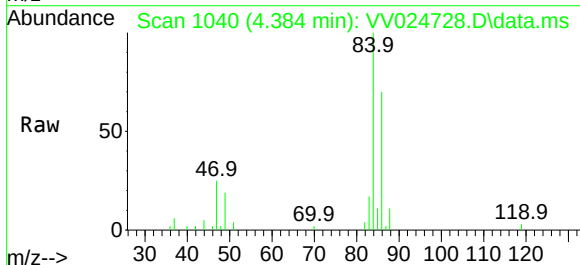
Instrument :
MSVOA_V
ClientSampleId :
F4M29

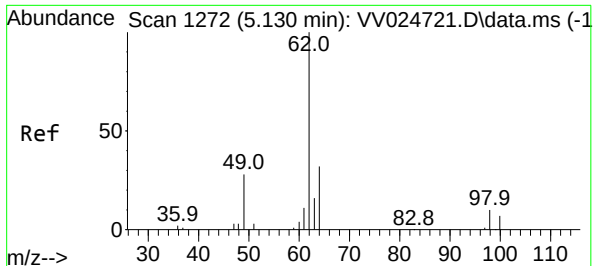
Tgt Ion: 73 Resp: 863
Ion Ratio Lower Upper
73 100
43 7.8 15.1 22.7#
57 7.2 17.4 26.2#



#25
Chloroform
Concen: 0.149 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VV024728.D
Acq: 17 Feb 2022 17:38

Tgt Ion: 83 Resp: 3531
Ion Ratio Lower Upper
83 100
85 63.3 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024728.D

Acq: 17 Feb 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

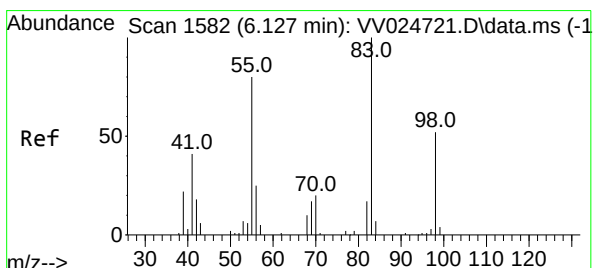
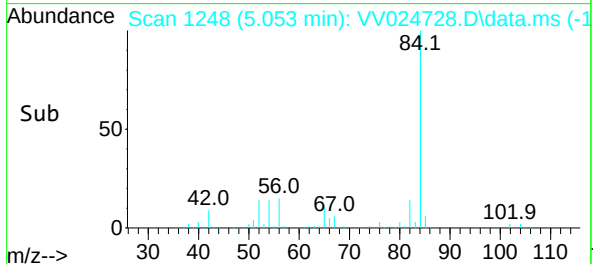
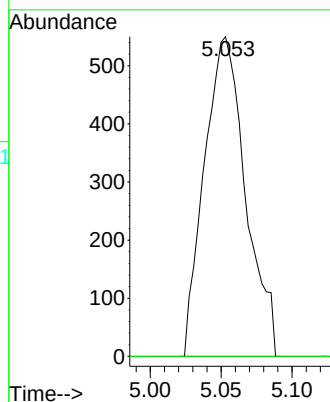
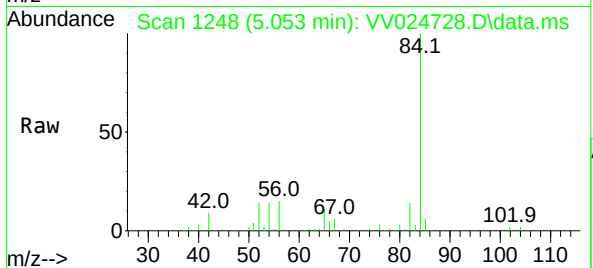
F4M29

Tgt Ion: 62 Resp: 1115

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024728.D

Acq: 17 Feb 2022 17:38

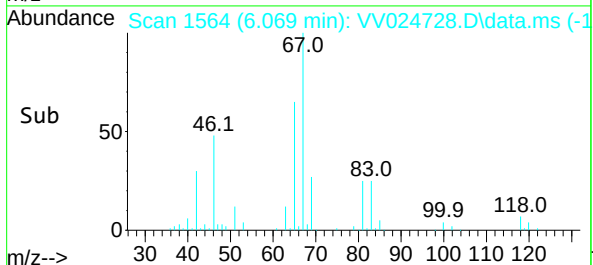
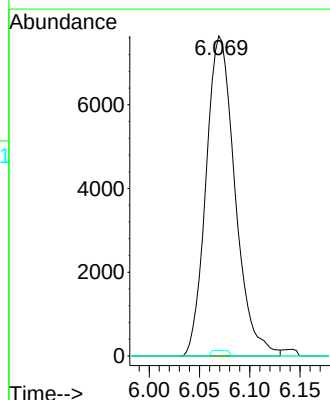
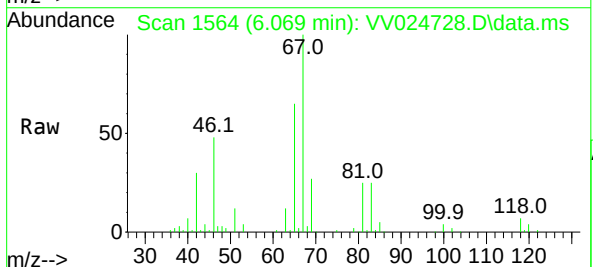
Tgt Ion: 83 Resp: 15330

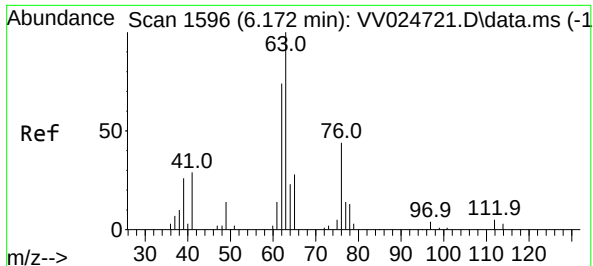
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 1.0 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024728.D

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Instrument :

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ClientSampleId :

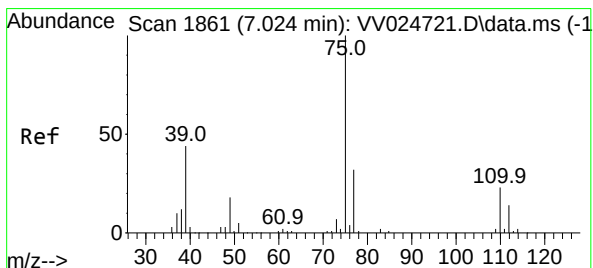
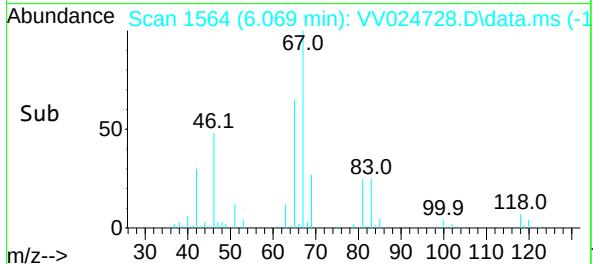
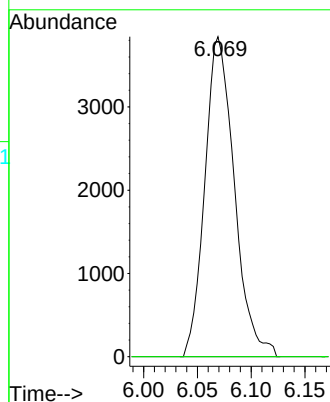
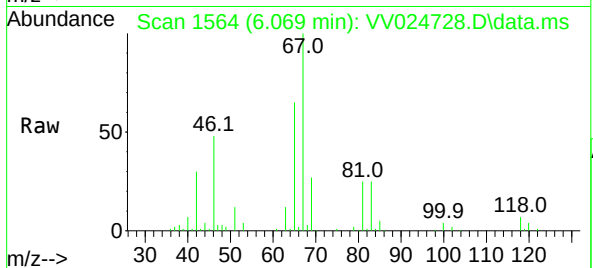
F4M29

Tgt Ion: 63 Resp: 7339

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024728.D

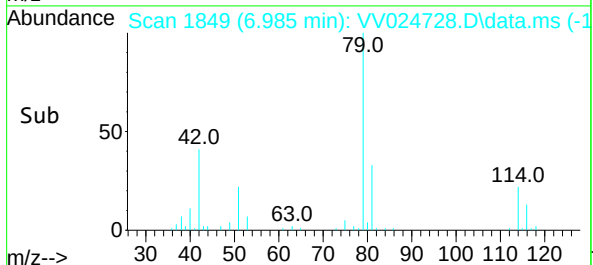
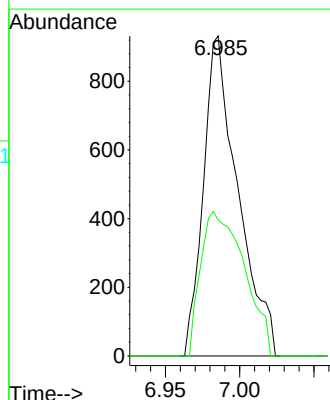
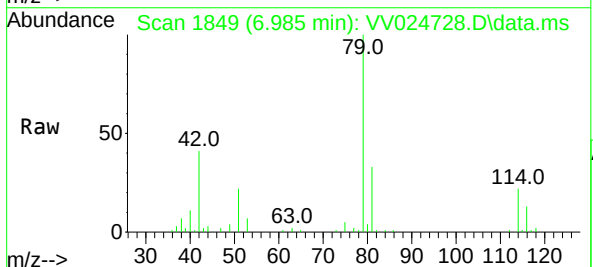
Acq: 17 Feb 2022 17:38

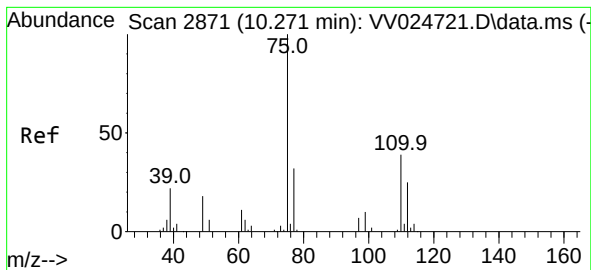
Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

75 100

77 42.5 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.533 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV024728.D

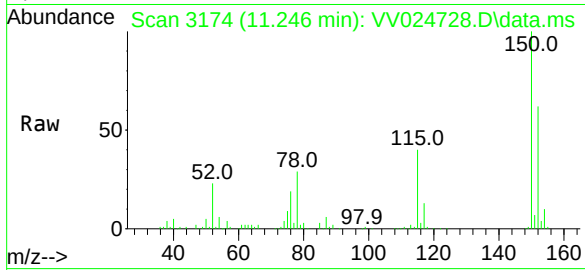
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Tgt Ion: 75 Resp: 9394

Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5

110 2.1 30.3 45.5#

