

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024738.D
 Acq On : 17 Feb 2022 21:33
 Operator : SY/MD
 Sample : N1510-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M28

Quant Time: Feb 18 07:37:20 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)

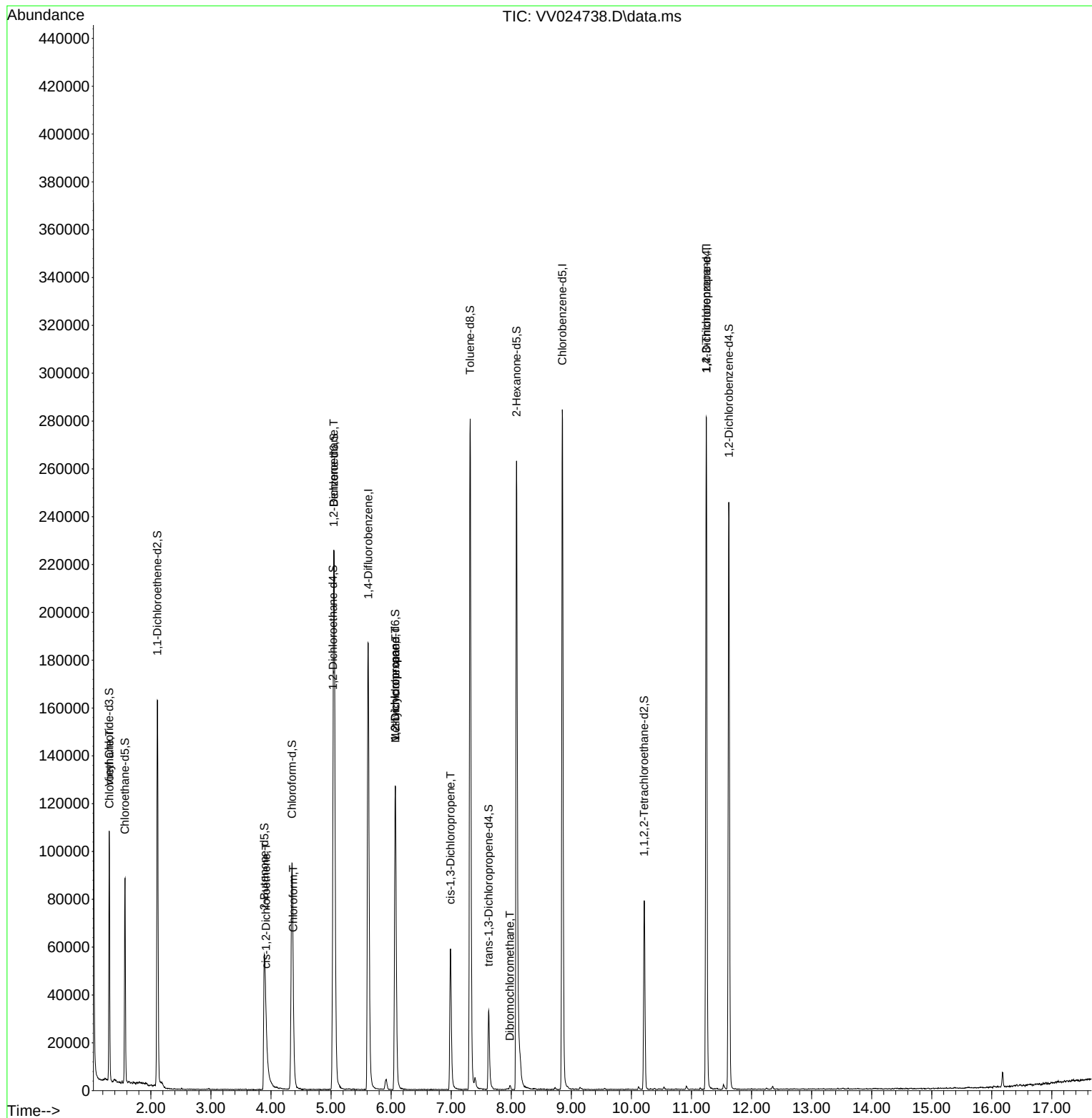
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64858	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	54102	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.108	63	87004	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.889	46	112631	56.545	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.080%
24) Chloroform-d	4.349	84	99112	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.034	65	48963	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	210655	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	63545	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	188299	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	20403	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	92725	54.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40250	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58455	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.311	64	815	0.075	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	749	0.057	ug/L	88
25) Chloroform	4.372	83	3172	0.133	ug/L	94
27) 1,2-Dichloroethane	5.044	62	1165	0.091	ug/L #	73
35) Methylcyclohexane	6.072	83	15008	0.680	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	7024	0.577	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1491	0.088	ug/L #	53
49) Dibromochloromethane	7.979	129	479	0.054	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9601	1.550	ug/L #	67

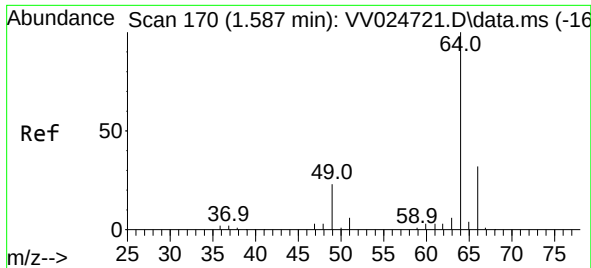
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

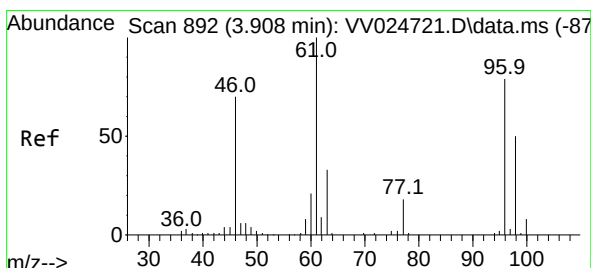
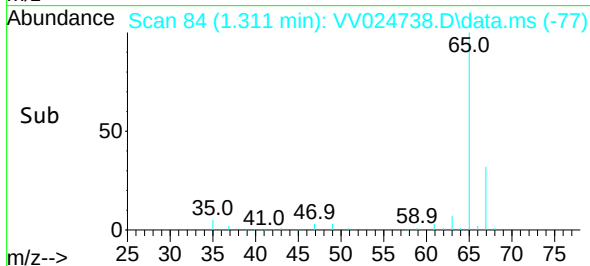
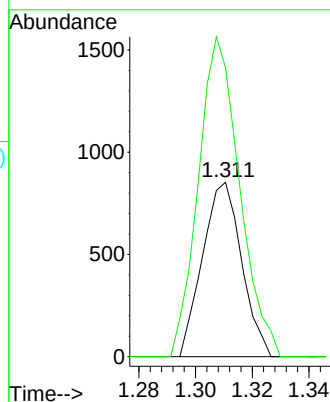
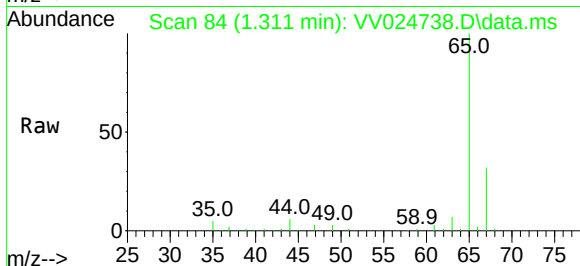




#8
Chloroethane
Concen: 0.075 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV024738.D
Acq: 17 Feb 2022 21:33

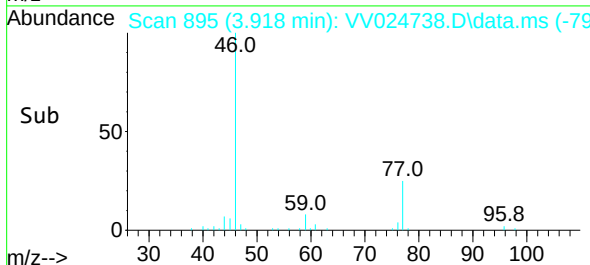
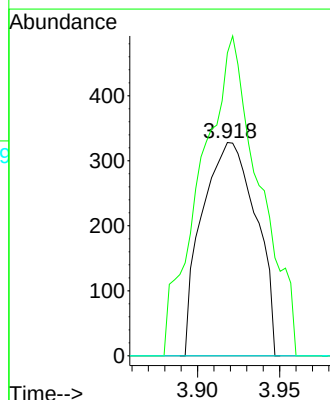
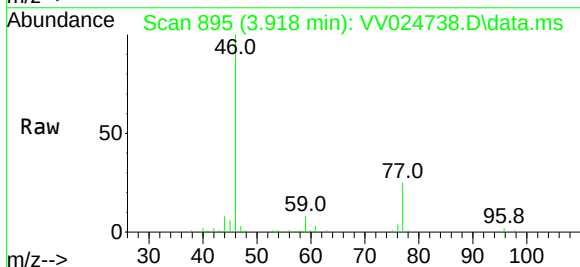
Instrument :
MSVOA_V
ClientSampleId :
F4M28

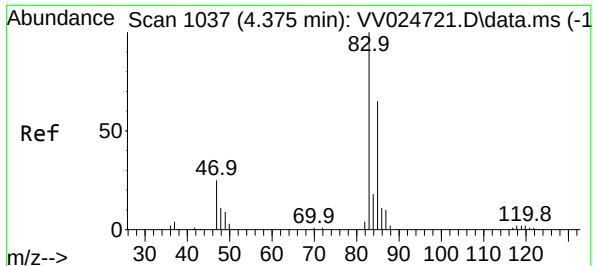
Tgt Ion: 64 Resp: 815
Ion Ratio Lower Upper
64 100
66 165.9 22.5 41.9#



#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024738.D
Acq: 17 Feb 2022 21:33

Tgt Ion: 96 Resp: 749
Ion Ratio Lower Upper
96 100
61 142.1 89.7 166.5
68 0.0 0.0 0.0

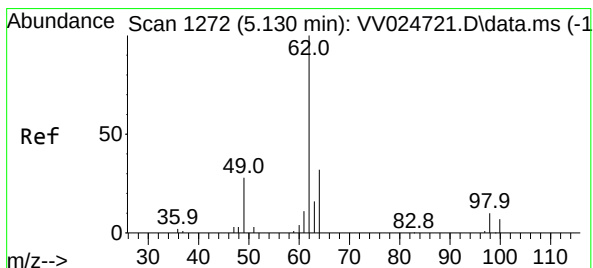
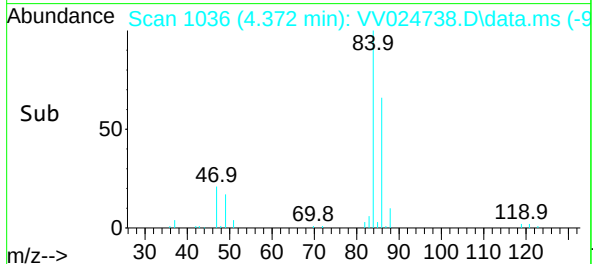
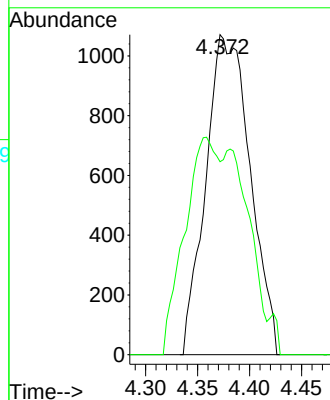
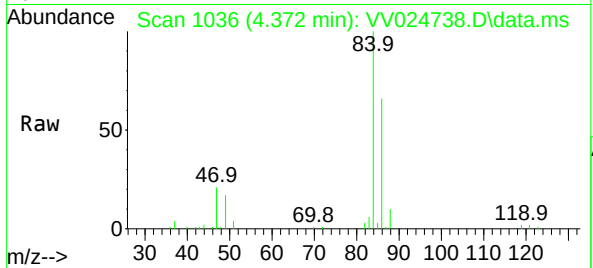




#25
Chloroform
Concen: 0.133 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV024738.D
Acq: 17 Feb 2022 21:33

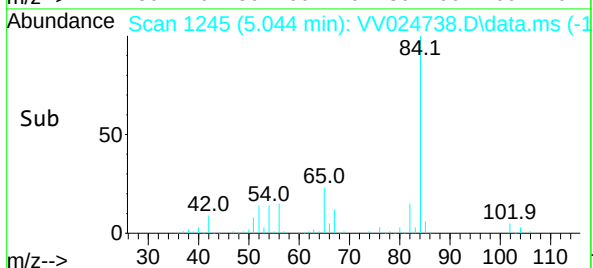
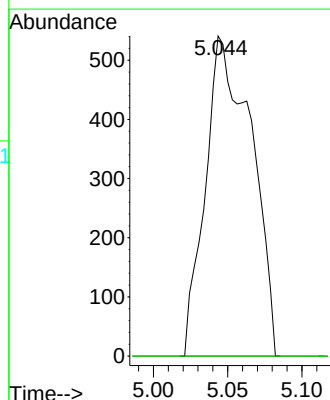
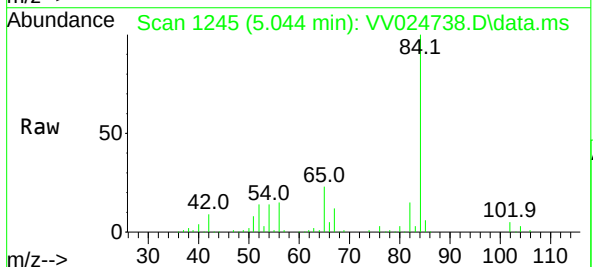
Instrument :
MSVOA_V
ClientSampleId :
F4M28

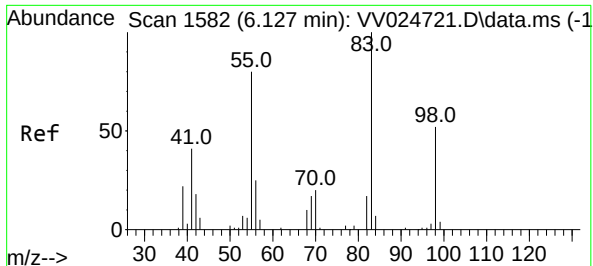
Tgt Ion: 83 Resp: 3172
Ion Ratio Lower Upper
83 100
85 60.3 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.044 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV024738.D
Acq: 17 Feb 2022 21:33

Tgt Ion: 62 Resp: 1165
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.054 min

Lab File: VV024738.D

Acq: 17 Feb 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

F4M28

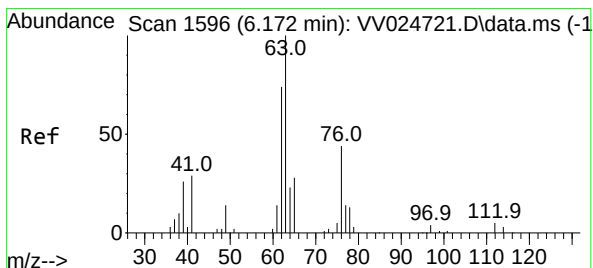
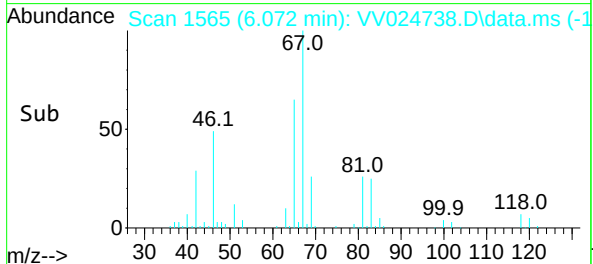
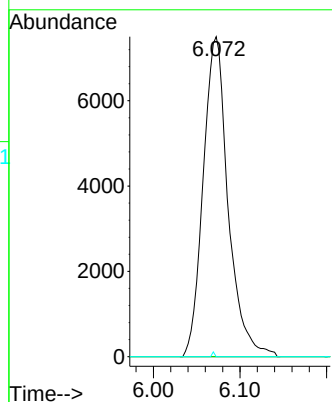
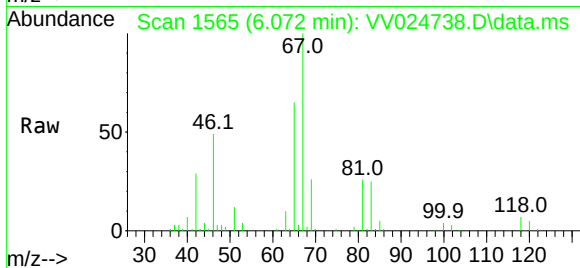
Tgt Ion: 83 Resp: 15008

Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.1 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV024738.D

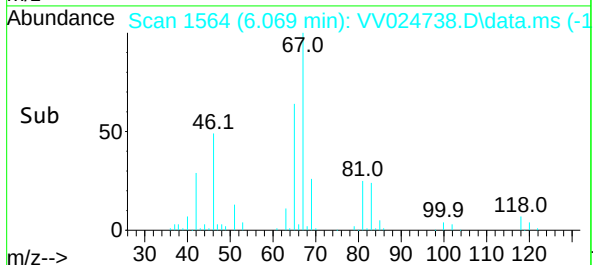
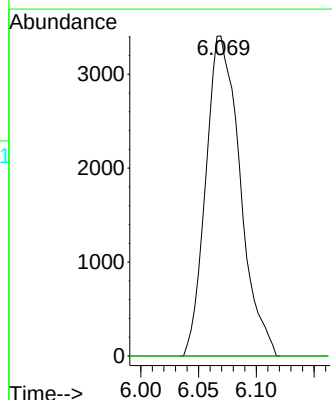
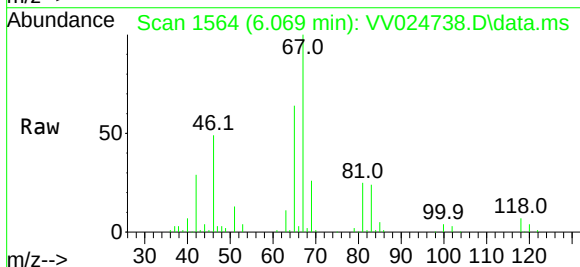
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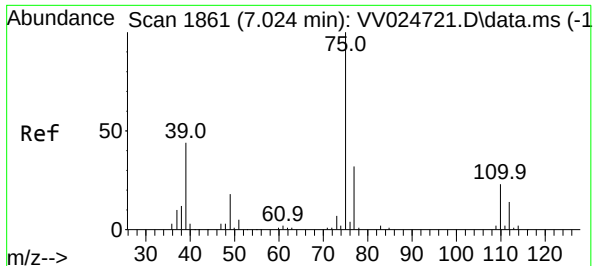
Tgt Ion: 63 Resp: 7024

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# 11

Delta R.T. -0.035 min

Lab File: VV024738.D

Acq: 17 Feb 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

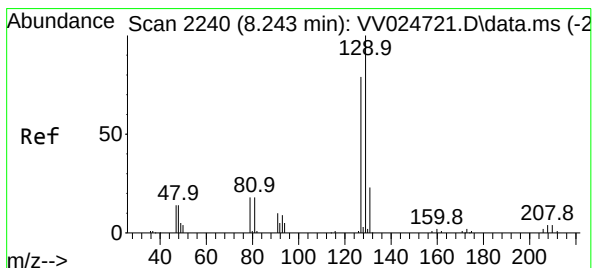
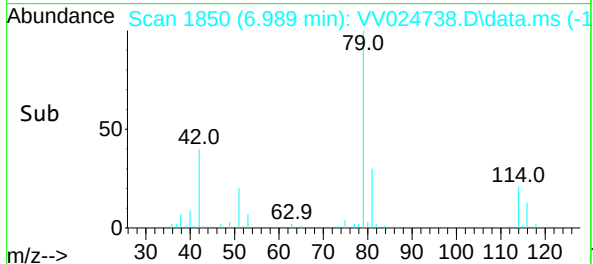
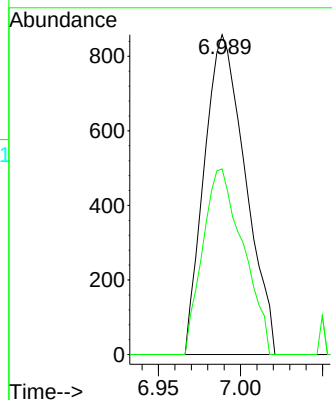
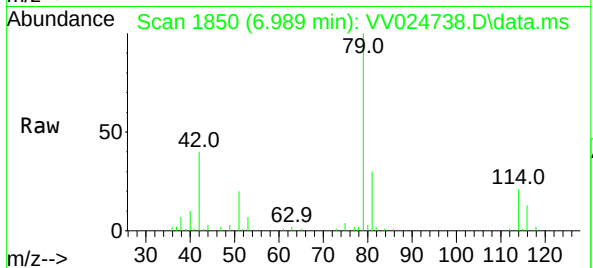
F4M28

Tgt Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

77 58.0 22.3 41.5#



#49

Dibromochloromethane

Concen: 0.054 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024738.D

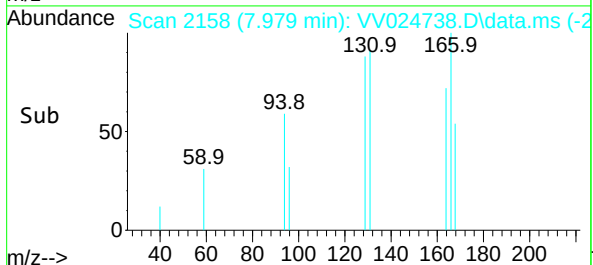
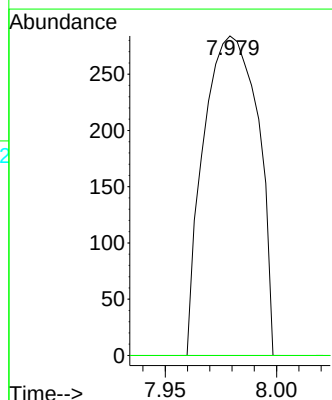
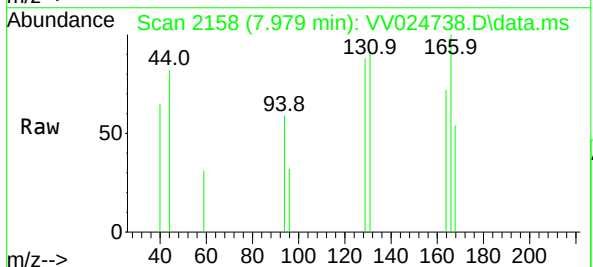
Acq: 17 Feb 2022 21:33

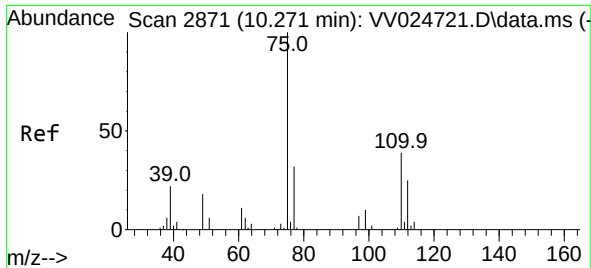
Tgt Ion: 129 Resp: 479

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#61

1,2,3-Trichloropropane

Concen: 1.550 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV024738.D

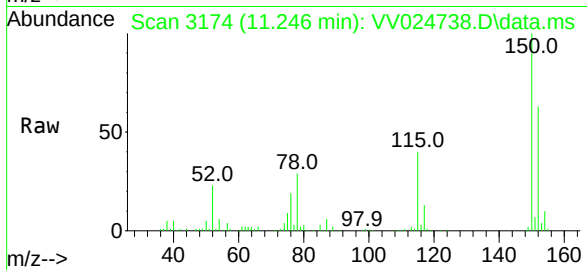
Acq: 17 Feb 2022 21:33

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Tgt Ion: 75 Resp: 9601

Ion Ratio Lower Upper

75 100

77 31.4 26.3 39.5

110 1.7 30.3 45.5#

