

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024736.D
 Acq On : 17 Feb 2022 20:46
 Operator : SY/MD
 Sample : N1510-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M22

Quant Time: Feb 18 07:36:51 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)

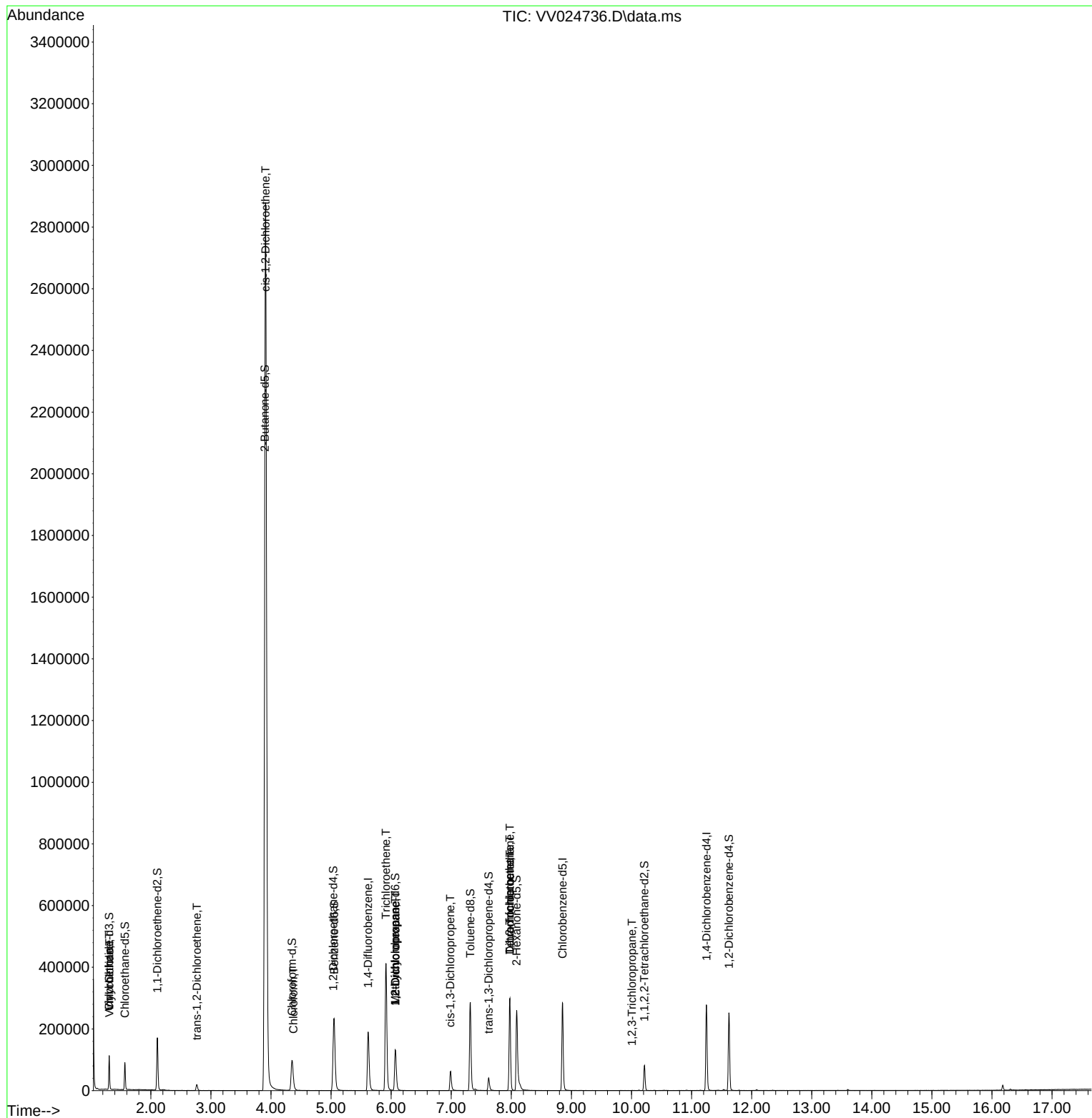
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	165623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66229	4.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.568	69	55892	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.108	63	88492	3.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.896	46	115164	57.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.780%
24) Chloroform-d	4.349	84	102892	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.037	65	51301	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.050	84	215044	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.069	67	65410	4.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	190745	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.622	79	21707	4.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.088	63	95968	55.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40669	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61218	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
5) Vinyl chloride	1.310	62	1349	0.076	ug/L #	38
8) Chloroethane	1.307	64	1020	0.094	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	7607	0.604	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	1593579	119.673	ug/L	99
25) Chloroform	4.375	83	4213	0.175	ug/L	90
34) Trichloroethene	5.912	95	146311	10.584	ug/L	98
35) Methylcyclohexane	6.069	83	14950	0.669	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7542	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1702	0.100	ug/L	86
45) 1,1,2-Trichloroethane	7.973	97	618	0.077	ug/L #	5
47) Tetrachloroethene	7.976	164	61685	6.553	ug/L	98
49) Dibromochloromethane	7.976	129	62652	7.039	ug/L #	11
61) 1,2,3-Trichloropropane	10.008	75	363	0.059	ug/L #	39

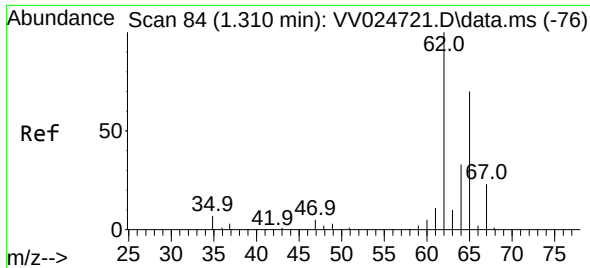
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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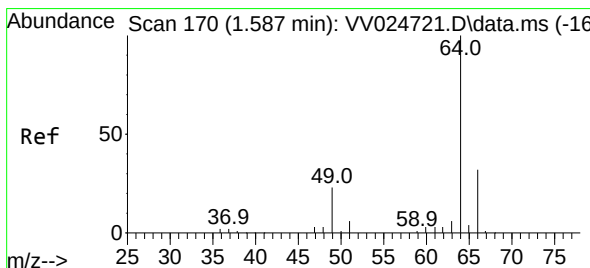
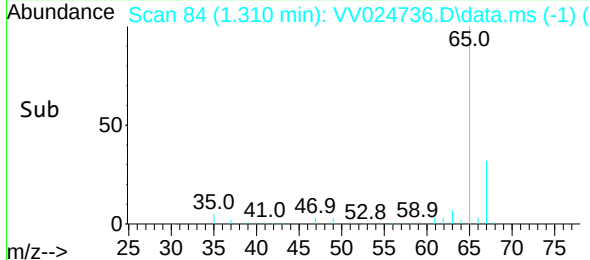
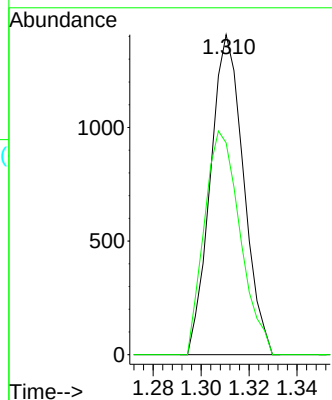
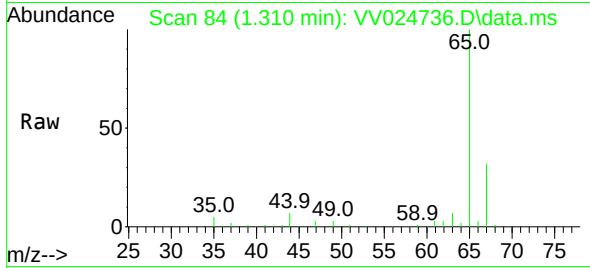




#5
 Vinyl chloride
 Concen: 0.076 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024736.D
 Acq: 17 Feb 2022 20:46

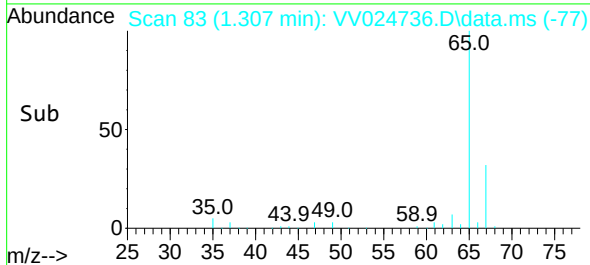
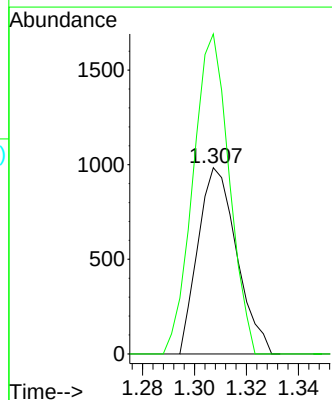
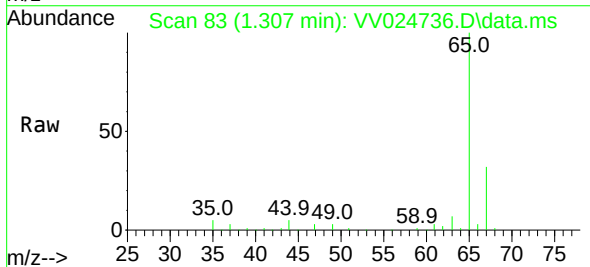
Instrument :
 MSVOA_V
 ClientSampleId :
 F4M22

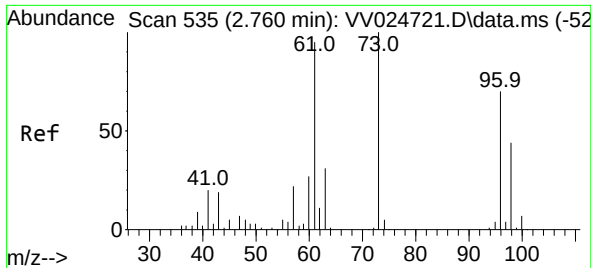
Tgt Ion: 62 Resp: 1349
 Ion Ratio Lower Upper
 62 100
 64 66.2 22.2 41.2#



#8
 Chloroethane
 Concen: 0.094 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.280 min
 Lab File: VV024736.D
 Acq: 17 Feb 2022 20:46

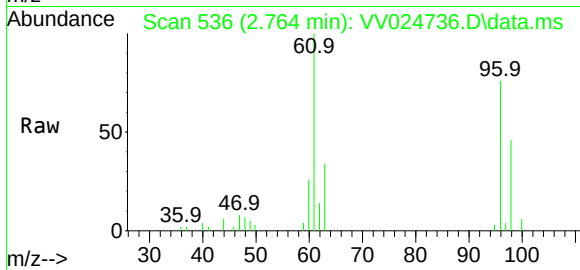
Tgt Ion: 64 Resp: 1020
 Ion Ratio Lower Upper
 64 100
 66 171.8 22.5 41.9#





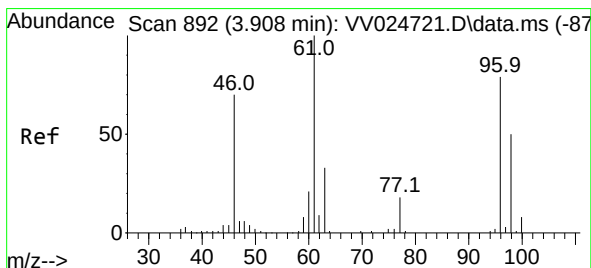
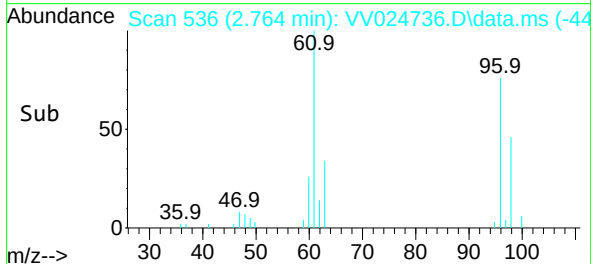
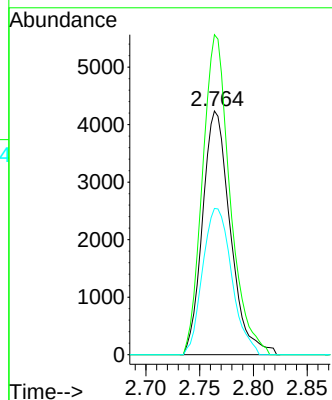
#18
trans-1,2-Dichloroethene
Concen: 0.604 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024736.D
Acq: 17 Feb 2022 20:46

Instrument :
MSVOA_V
ClientSampleId :
F4M22



Tgt Ion: 96 Resp: 7607

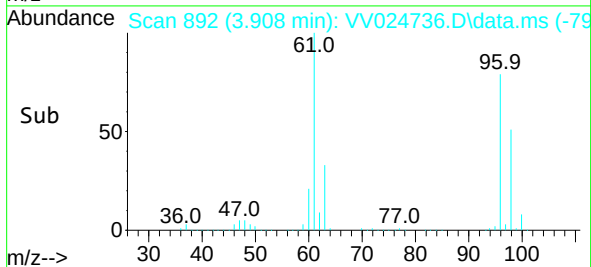
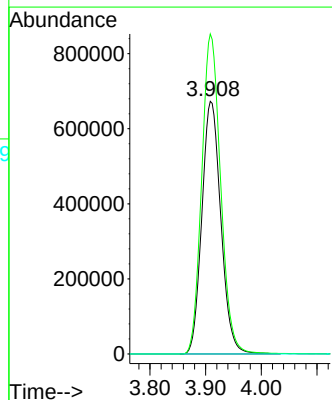
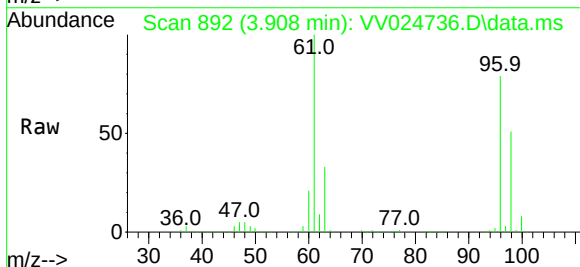
Ion	Ratio	Lower	Upper
96	100		
61	131.3	92.9	172.5
98	60.0	44.5	82.7

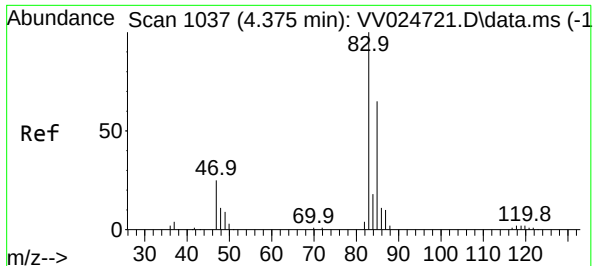


#22
cis-1,2-Dichloroethene
Concen: 119.673 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV024736.D
Acq: 17 Feb 2022 20:46

Tgt Ion: 96 Resp: 1593579

Ion	Ratio	Lower	Upper
96	100		
61	126.7	89.7	166.5
68	0.0	0.0	0.0

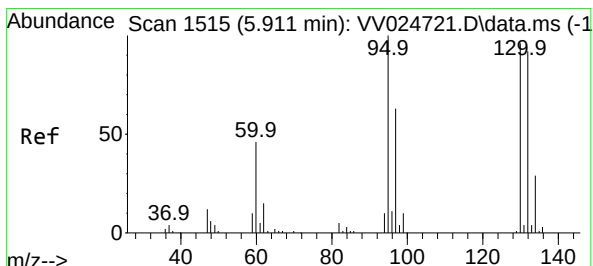
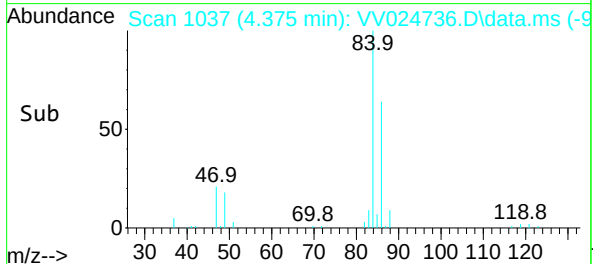
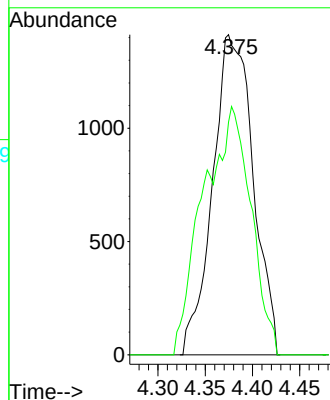
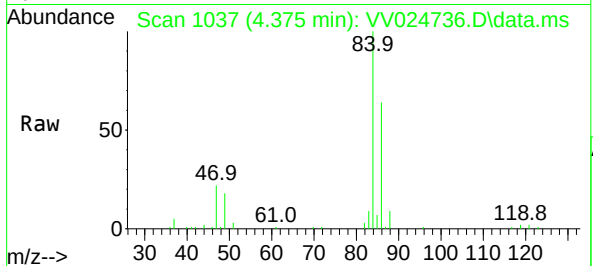




#25
Chloroform
Concen: 0.175 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV024736.D
Acq: 17 Feb 2022 20:46

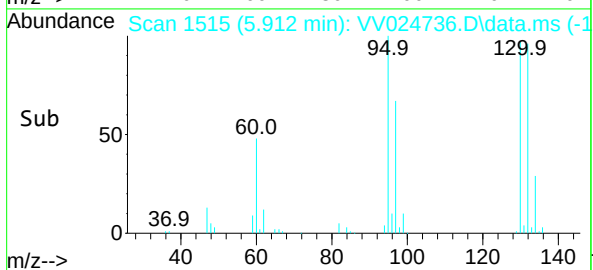
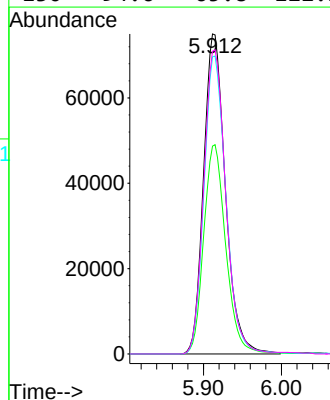
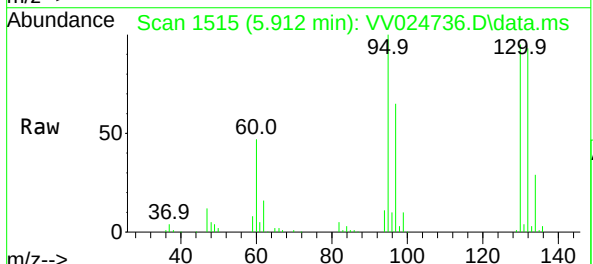
Instrument :
MSVOA_V
ClientSampleId :
F4M22

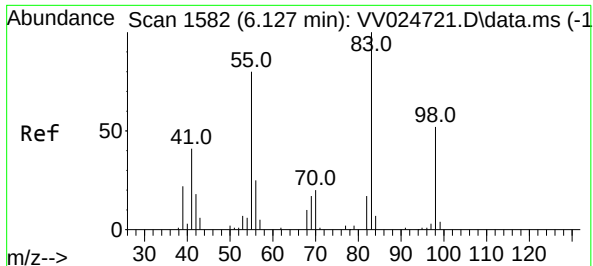
Tgt Ion: 83 Resp: 4213
Ion Ratio Lower Upper
83 100
85 72.7 45.5 84.5



#34
Trichloroethene
Concen: 10.584 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024736.D
Acq: 17 Feb 2022 20:46

Tgt Ion: 95 Resp: 146311
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.0
132 92.9 62.1 115.3
130 94.6 65.8 122.2





#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV024736.D

Acq: 17 Feb 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

F4M22

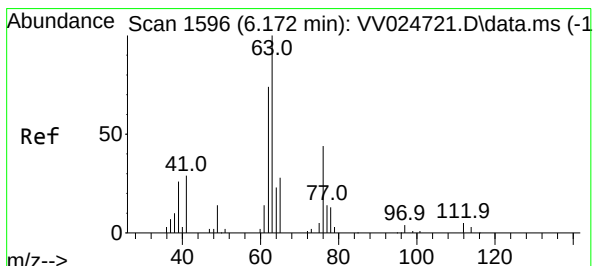
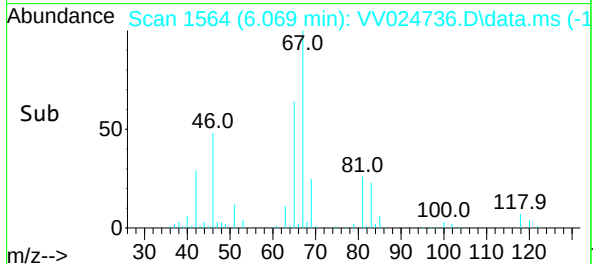
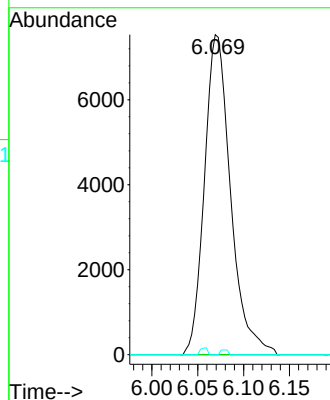
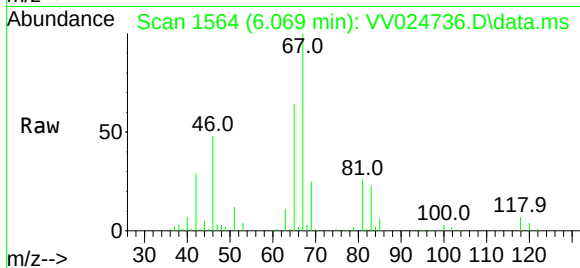
Tgt Ion: 83 Resp: 14950

Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 5.1 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV024736.D

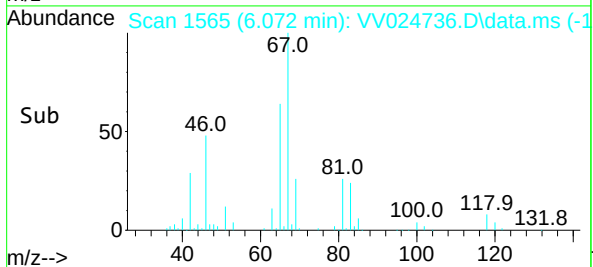
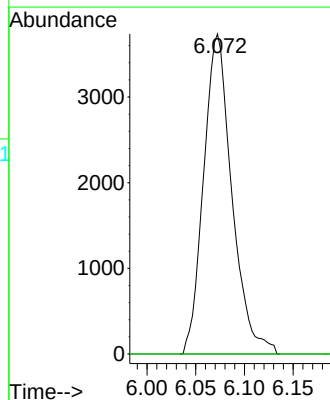
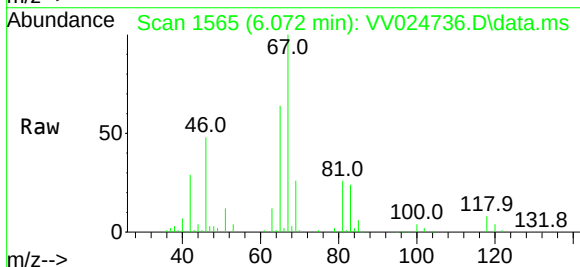
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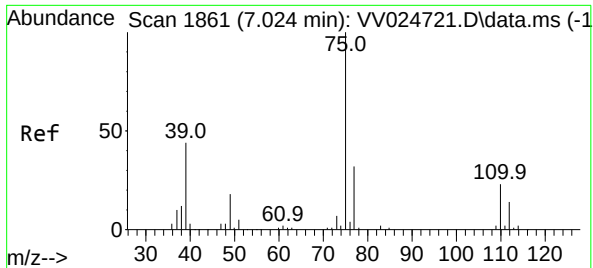
Tgt Ion: 63 Resp: 7542

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV024736.D

Acq: 17 Feb 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

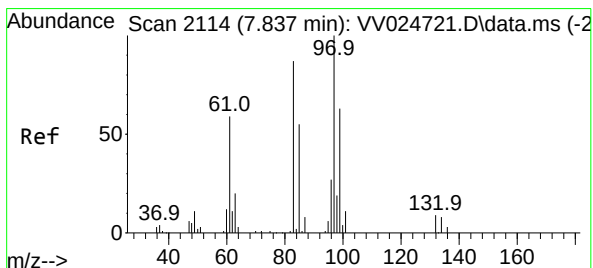
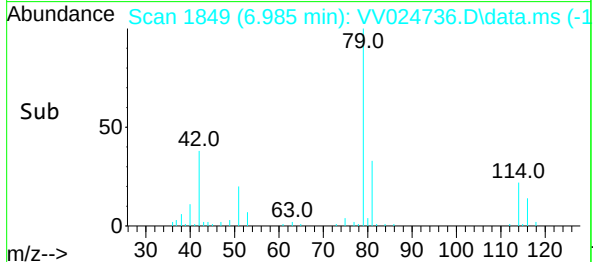
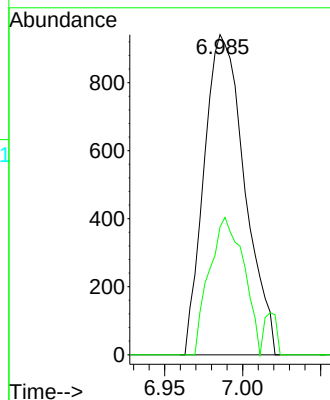
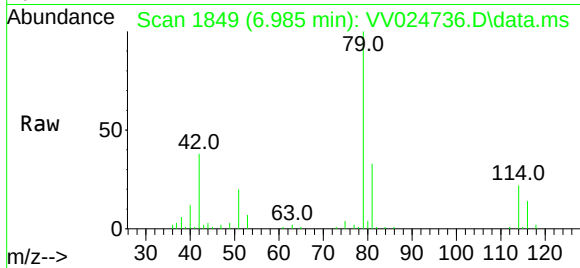
F4M22

Tgt Ion: 75 Resp: 1702

Ion Ratio Lower Upper

75 100

77 40.0 22.3 41.5



#45

1,1,2-Trichloroethane

Concen: 0.077 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV024736.D

Acq: 17 Feb 2022 20:46

Tgt Ion: 97 Resp: 618

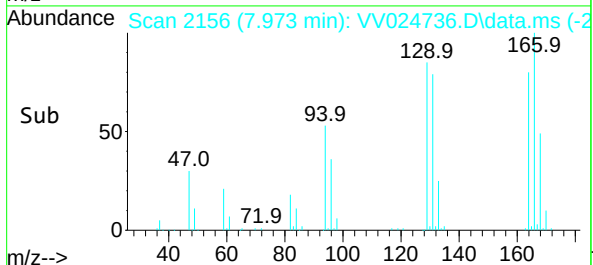
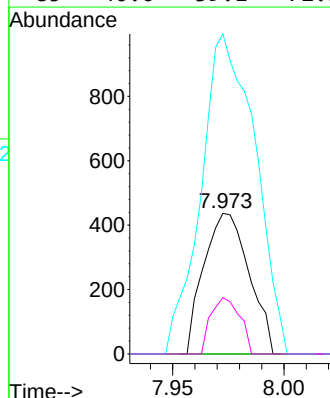
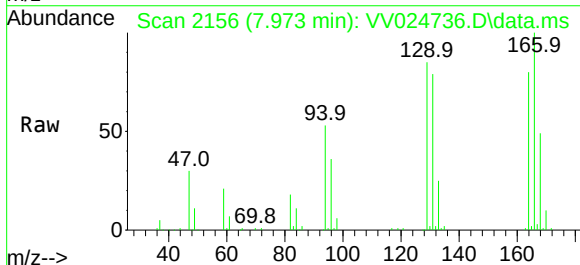
Ion Ratio Lower Upper

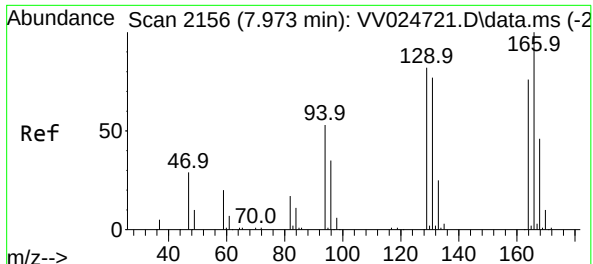
97 100

99 0.0 43.8 81.3#

83 227.5 61.3 113.9#

85 40.0 39.1 72.5





#47

Tetrachloroethene

Concen: 6.553 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024736.D

Acq: 17 Feb 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

F4M22

Tgt Ion:164 Resp: 61685

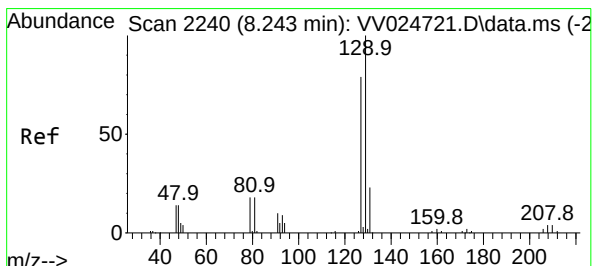
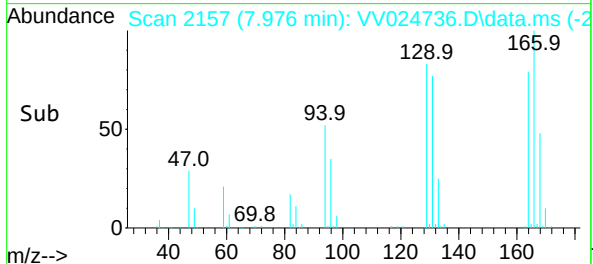
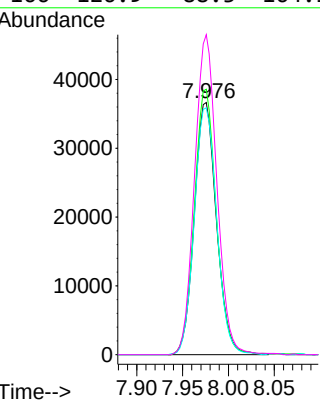
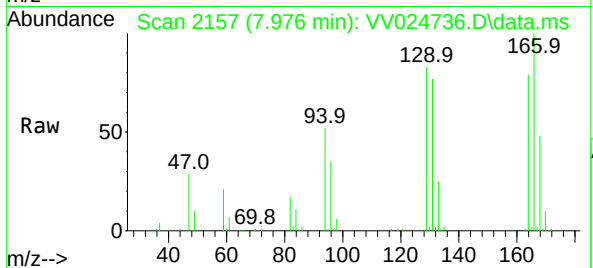
Ion Ratio Lower Upper

164 100

129 105.3 70.3 130.7

131 97.9 67.7 125.7

166 126.9 88.3 164.1



#49

Dibromochloromethane

Concen: 7.039 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024736.D

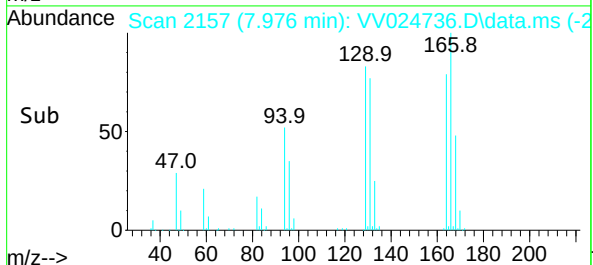
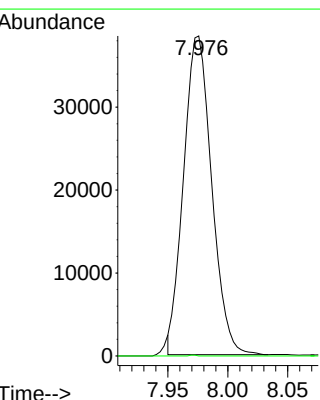
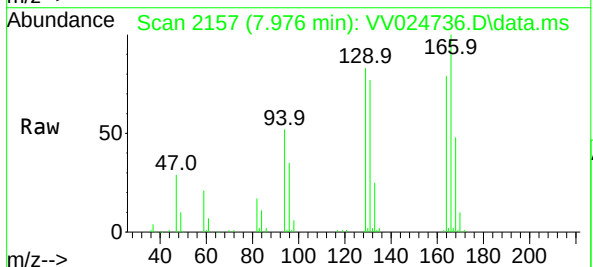
Acq: 17 Feb 2022 20:46

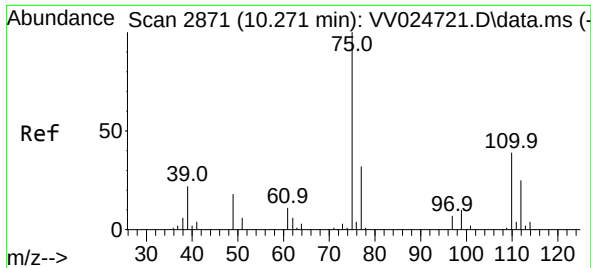
Tgt Ion:129 Resp: 62652

Ion Ratio Lower Upper

129 100

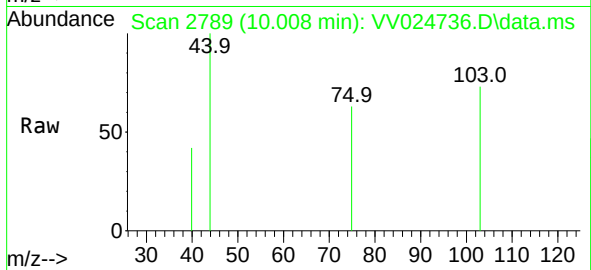
127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.059 ug/L
 RT: 10.008 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV024736.D
 Acq: 17 Feb 2022 20:46

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M22



Tgt Ion:	75	Resp:	363
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.3	39.5#
110	0.0	30.3	45.5#

