

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025390.D
 Acq On : 07 Apr 2022 17:15
 Operator : SY/MD
 Sample : N2291-02DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29DL

Quant Time: Apr 08 01:23:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

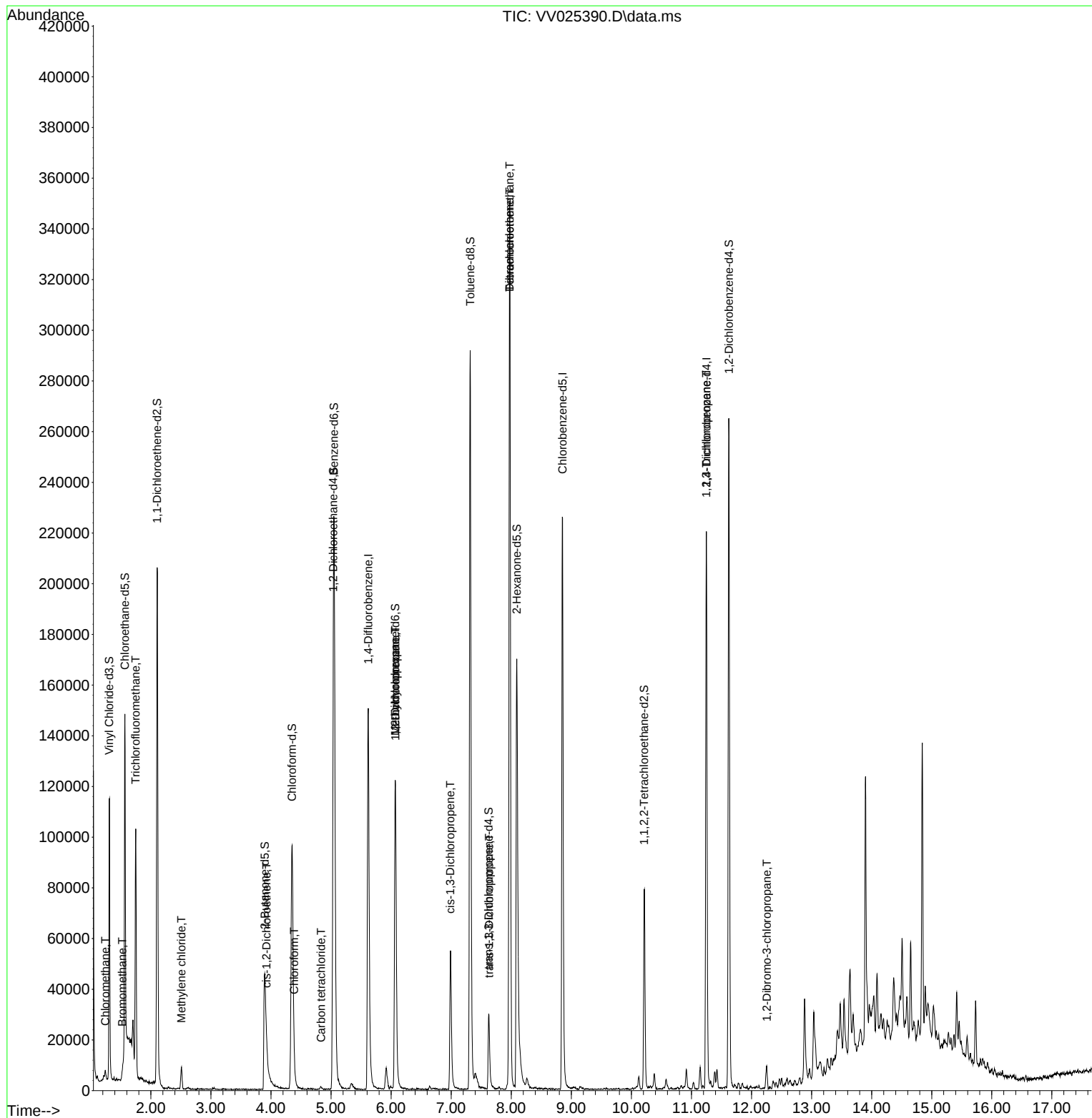
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72480	5.643	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.800%	
7) Chloroethane-d5	1.568	69	84612	7.849	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	157.000%#	
11) 1,1-Dichloroethene-d2	2.105	63	105800	3.803	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.896	46	82712	64.647	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.300%	
24) Chloroform-d	4.349	84	102038	6.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.800%	
26) 1,2-Dichloroethane-d4	5.037	65	46610	6.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.800%	
32) Benzene-d6	5.050	84	216572	6.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	132.800%#	
36) 1,2-Dichloropropane-d6	6.069	67	61271	6.707	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	134.200%	
41) Toluene-d8	7.317	98	196397	6.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	131.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	18049	6.056	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	121.200%	
46) 2-Hexanone-d5	8.092	63	68390	63.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.080%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36993	6.073	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	67528	7.048	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	141.000%#	
Target Compounds						
						Qvalue
3) Chloromethane	1.243	50	2150	0.133	ug/L	96
6) Bromomethane	1.523	94	913	0.085	ug/L	81
9) Trichlorofluoromethane	1.748	101	55745	2.279	ug/L	99
16) Methylene chloride	2.510	84	3590	0.330	ug/L	87
22) cis-1,2-Dichloroethene	3.925	96	350	0.035	ug/L	80
25) Chloroform	4.384	83	3067	0.167	ug/L	83
31) Carbon tetrachloride	4.834	117	1029	0.076	ug/L #	77
35) Methylcyclohexane	6.069	83	15087	0.928	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	7386	0.843	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1454	0.128	ug/L #	46
44) trans-1,3-Dichloropropene	7.632	75	782	0.088	ug/L #	73
47) Tetrachloroethene	7.976	164	78127	10.209	ug/L	96
49) Dibromochloromethane	7.976	129	71119	11.010	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7193	1.594	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.252	75	172	0.213	ug/L #	1

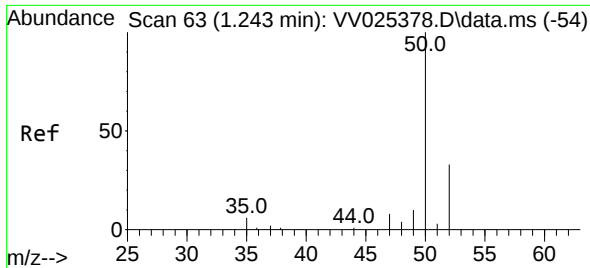
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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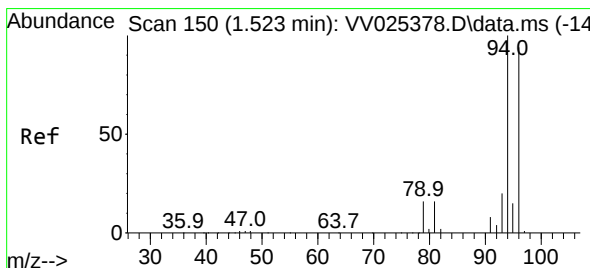
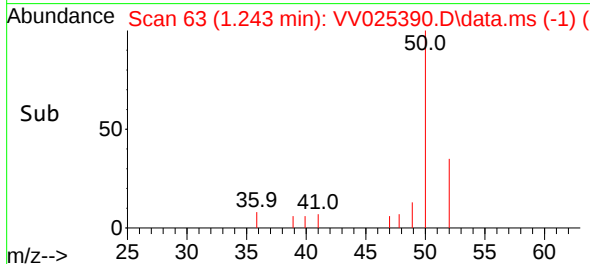
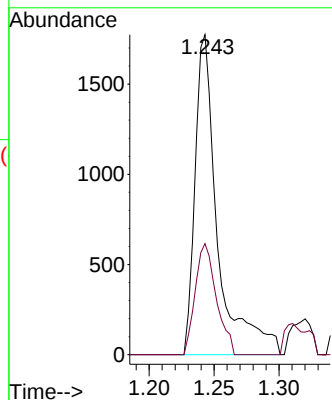
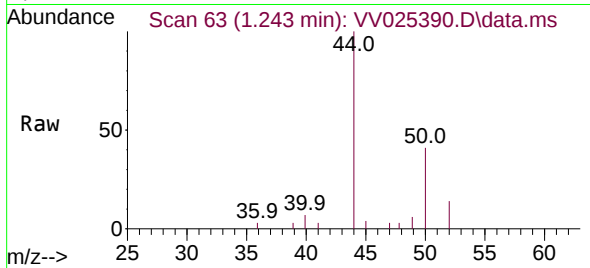




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

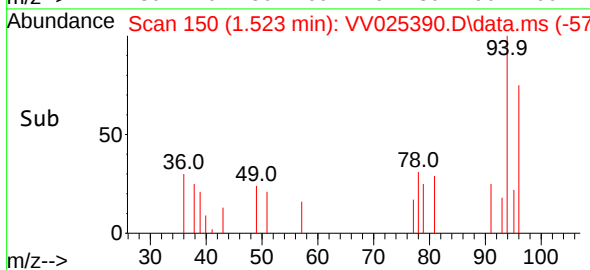
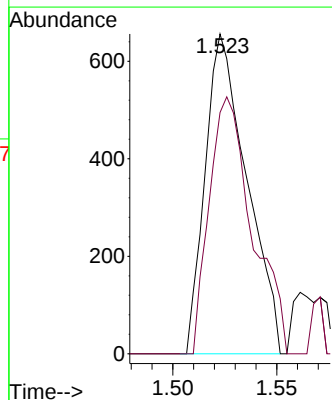
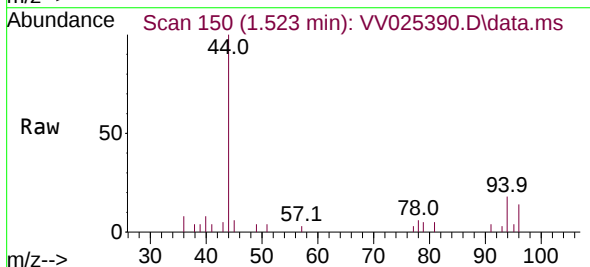
Instrument :
MSVOA_V
ClientSampleId :
C0B29DL

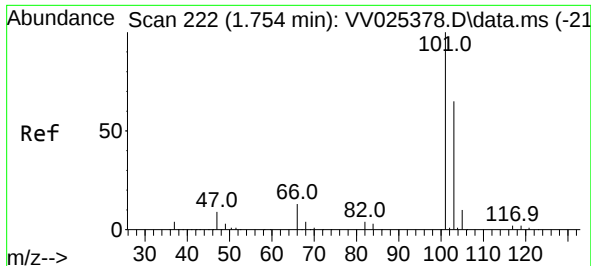
Tgt Ion: 50 Resp: 2150
Ion Ratio Lower Upper
50 100
52 34.7 22.9 42.5



#6
Bromomethane
Concen: 0.085 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 75.5 65.5 121.7

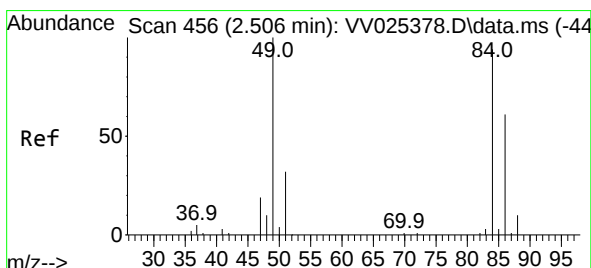
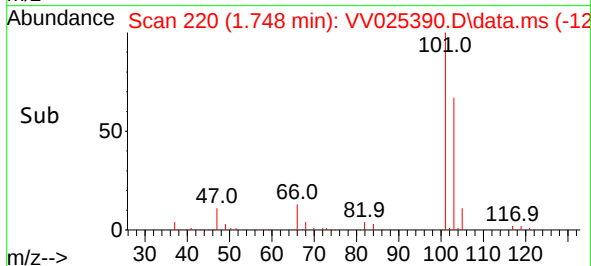
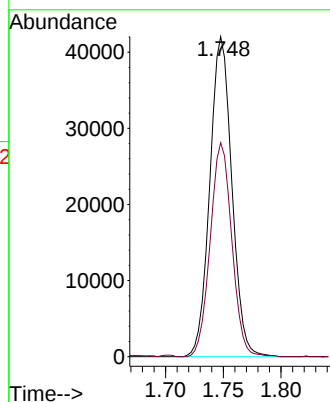
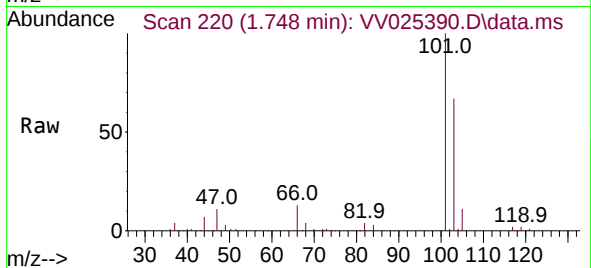




#9
Trichlorofluoromethane
Concen: 2.279 ug/L
RT: 1.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

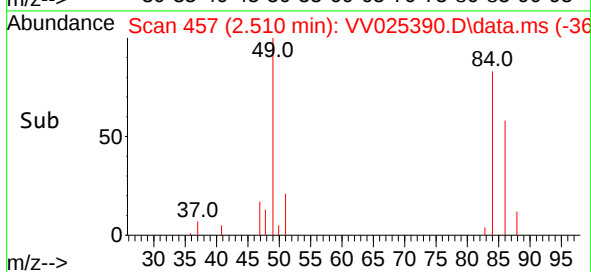
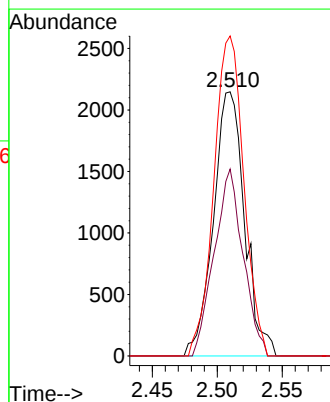
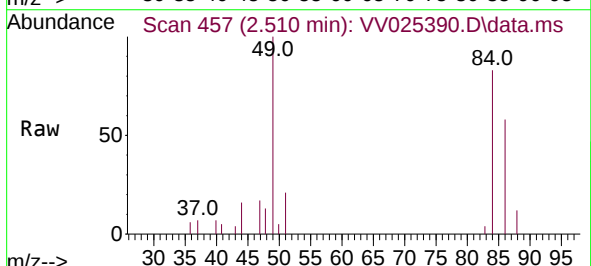
Instrument :
MSVOA_V
ClientSampleId :
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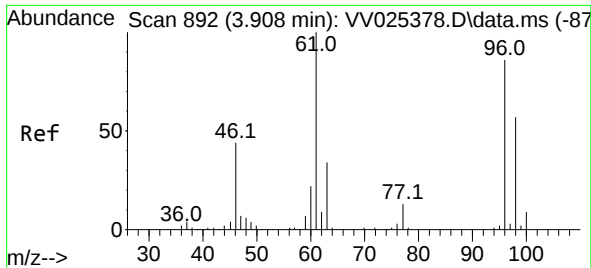
Tgt Ion:101 Resp: 55745
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2



#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

Tgt Ion: 84 Resp: 3590
Ion Ratio Lower Upper
84 100
86 70.7 43.5 80.7
49 121.1 74.5 138.3

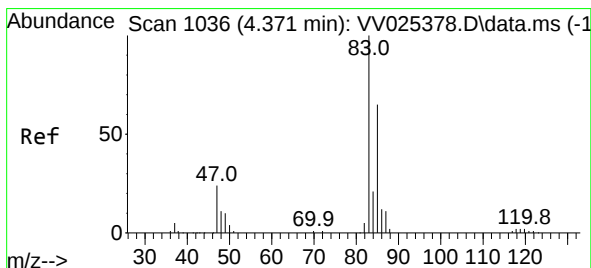
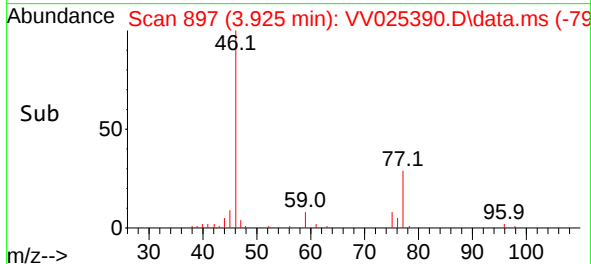
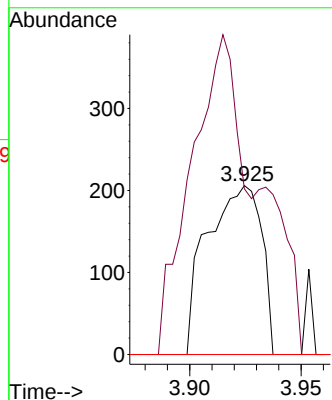
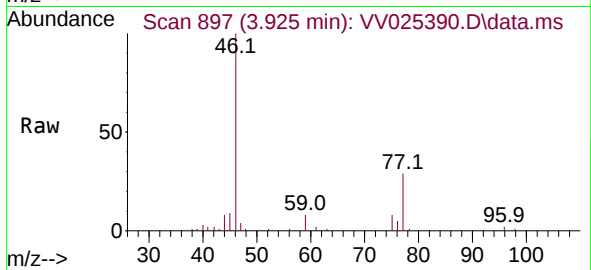




#22
 cis-1,2-Dichloroethene
 Concen: 0.035 ug/L
 RT: 3.925 min Scan# 89
 Delta R.T. 0.016 min
 Lab File: VV025390.D
 Acq: 07 Apr 2022 17:15

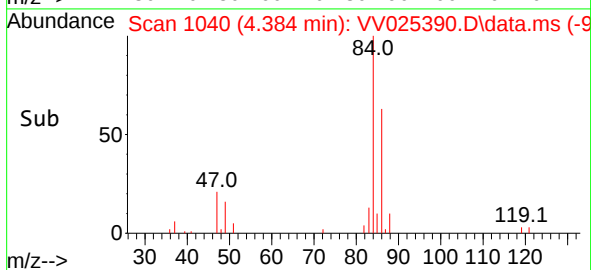
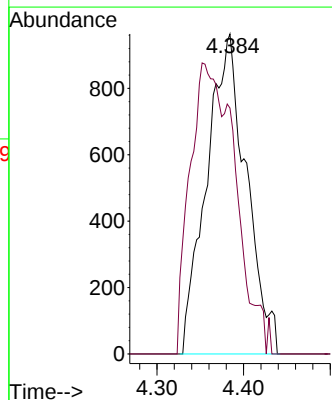
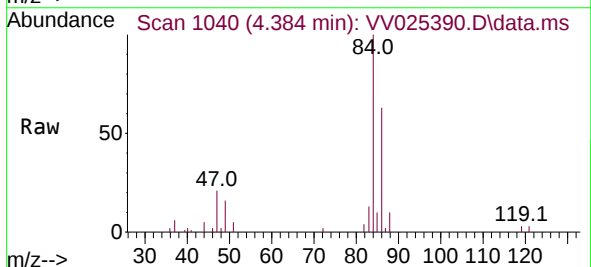
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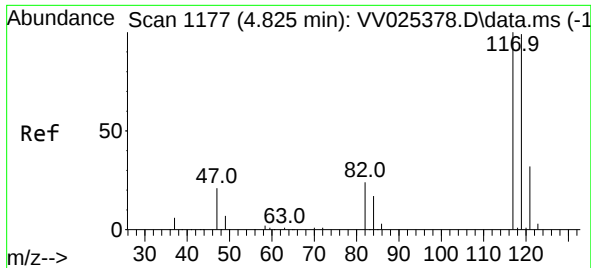
Tgt Ion: 96 Resp: 350
 Ion Ratio Lower Upper
 96 100
 61 98.1 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.167 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV025390.D
 Acq: 07 Apr 2022 17:15

Tgt Ion: 83 Resp: 3067
 Ion Ratio Lower Upper
 83 100
 85 76.9 44.7 82.9

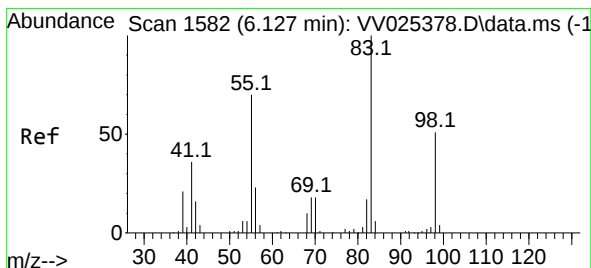
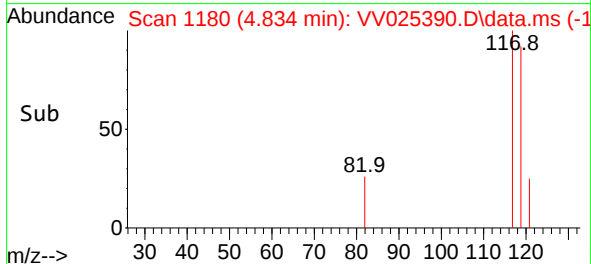
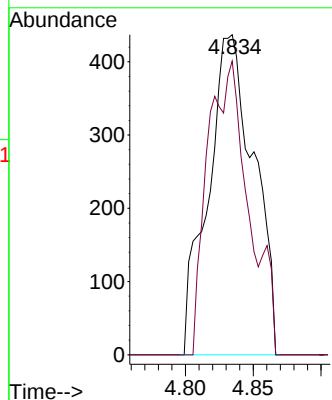
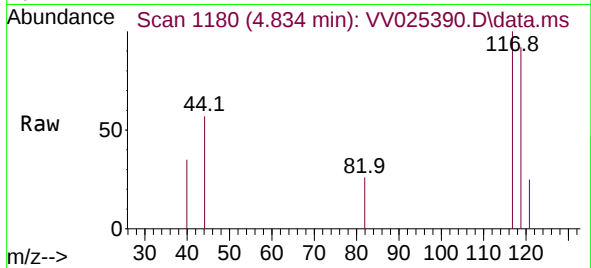




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

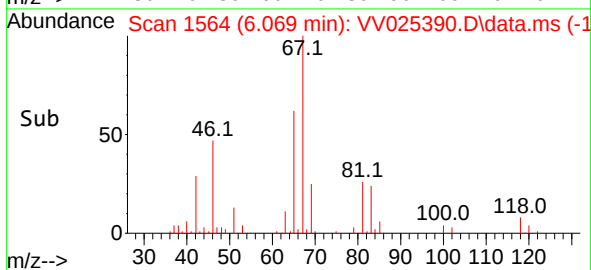
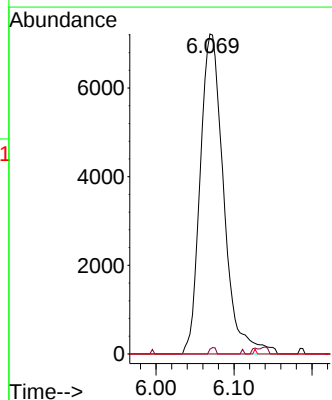
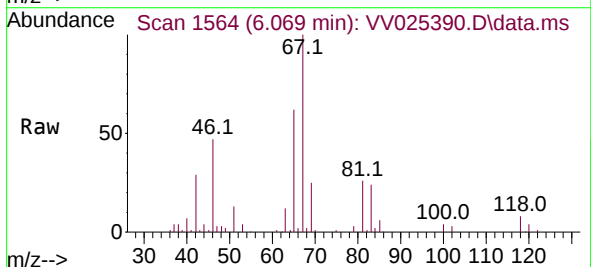
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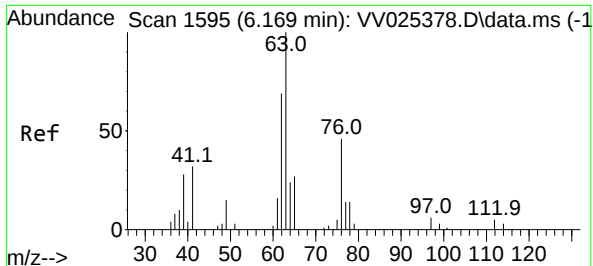
Tgt Ion:117 Resp: 1029
Ion Ratio Lower Upper
117 100
119 74.8 77.8 116.6#



#35
Methylcyclohexane
Concen: 0.928 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

Tgt Ion: 83 Resp: 15087
Ion Ratio Lower Upper
83 100
55 0.5 54.6 81.8#
98 0.0 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.843 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025390.D

Acq: 07 Apr 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

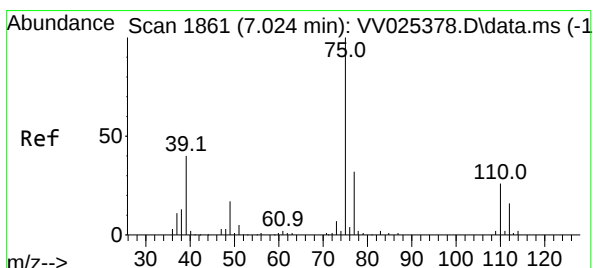
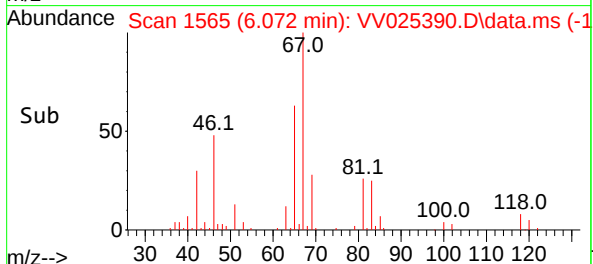
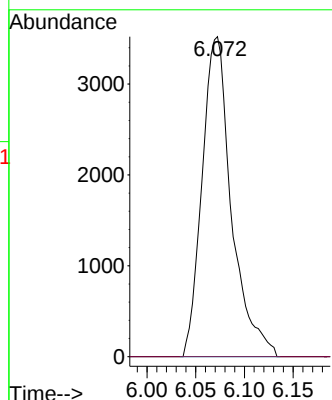
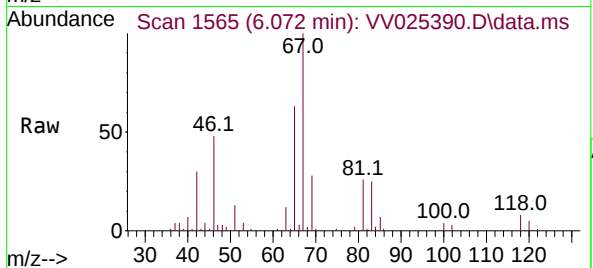
C0B29DL

Tgt Ion: 63 Resp: 7386

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025390.D

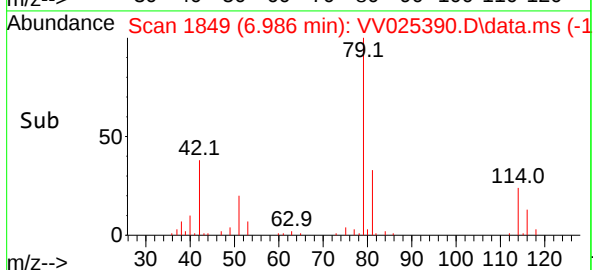
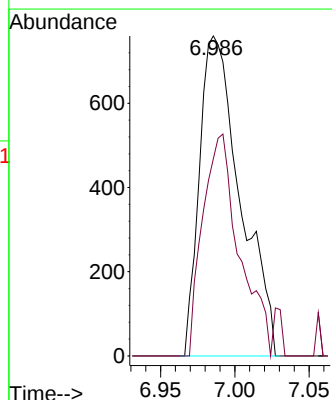
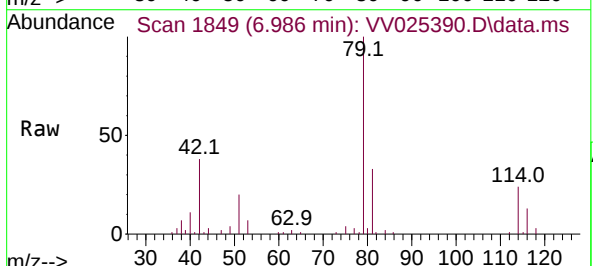
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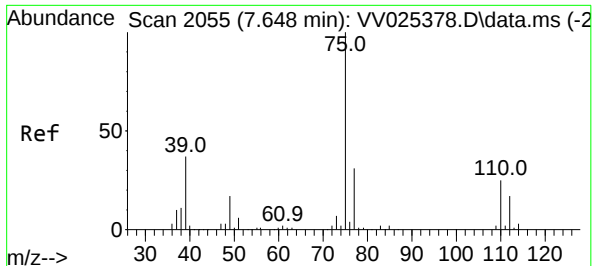
Tgt Ion: 75 Resp: 1454

Ion Ratio Lower Upper

75 100

77 61.6 22.1 41.1#

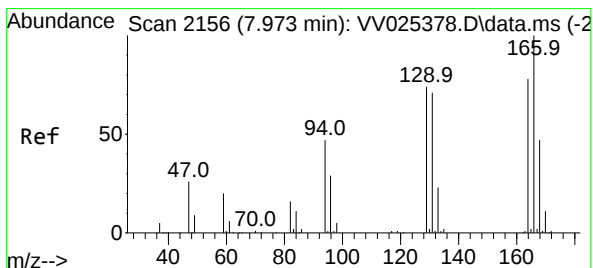
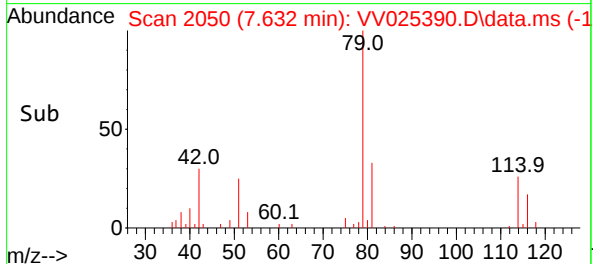
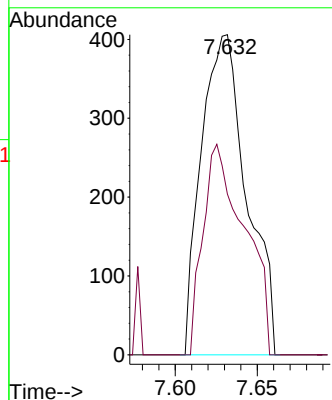
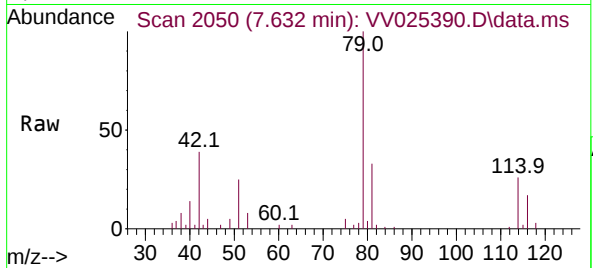




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.632 min Scan# 2055
Delta R.T. -0.016 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

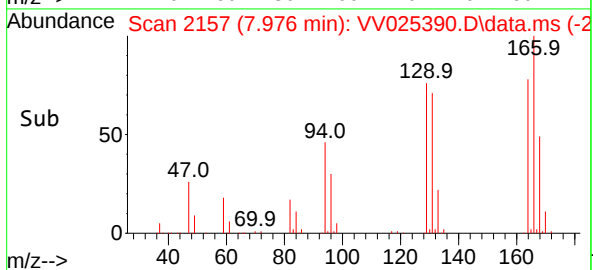
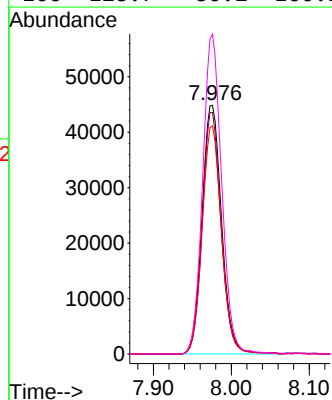
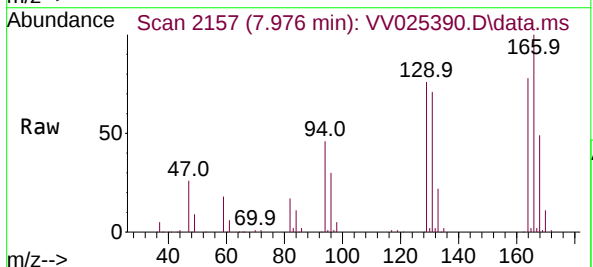
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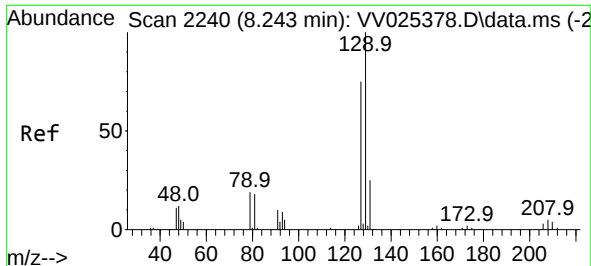
Tgt Ion: 75 Resp: 782
Ion Ratio Lower Upper
75 100
77 50.2 24.2 45.0#



#47
Tetrachloroethene
Concen: 10.209 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025390.D
Acq: 07 Apr 2022 17:15

Tgt Ion: 164 Resp: 78127
Ion Ratio Lower Upper
164 100
129 97.2 67.5 125.4
131 91.7 68.0 126.4
166 128.7 86.2 160.2





#49

Dibromochloromethane

Concen: 11.010 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025390.D

Acq: 07 Apr 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

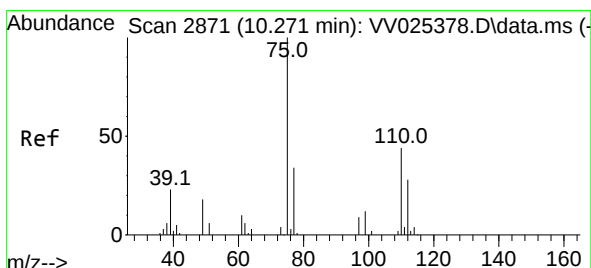
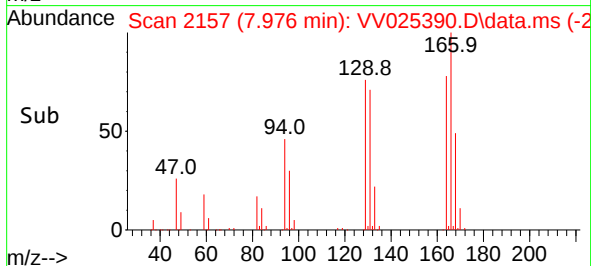
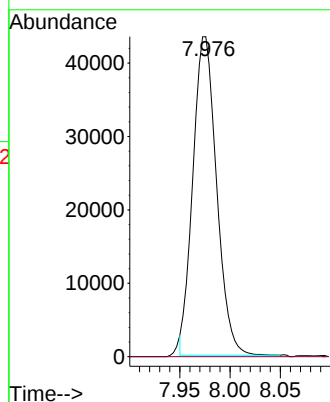
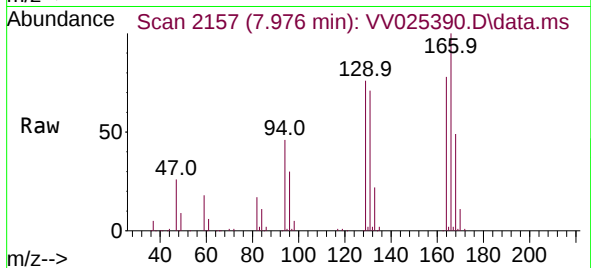
C0B29DL

Tgt Ion:129 Resp: 71119

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.594 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025390.D

Acq: 07 Apr 2022 17:15

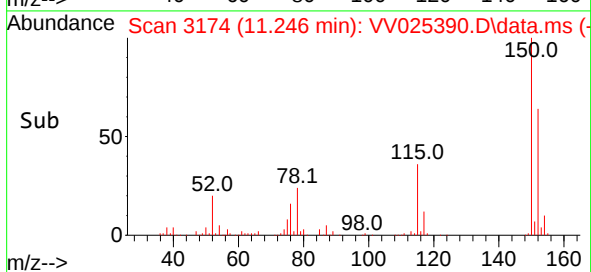
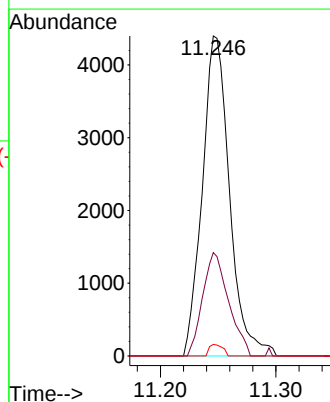
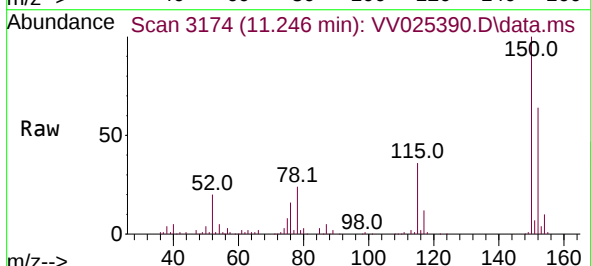
Tgt Ion: 75 Resp: 7193

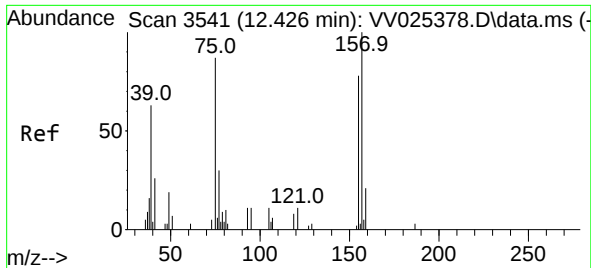
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

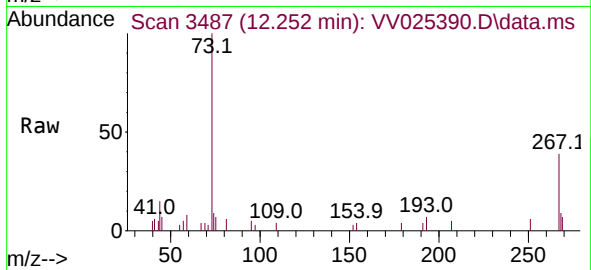
110 1.8 31.6 47.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.213 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025390.D
 Acq: 07 Apr 2022 17:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29DL



Tgt Ion: 75 Resp: 172
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.0 120.0#
 157 0.0 94.5 141.7#

