

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025391.D
 Acq On : 07 Apr 2022 17:39
 Operator : SY/MD
 Sample : N2291-03DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COB30DL

Quant Time: Apr 08 01:23:49 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)

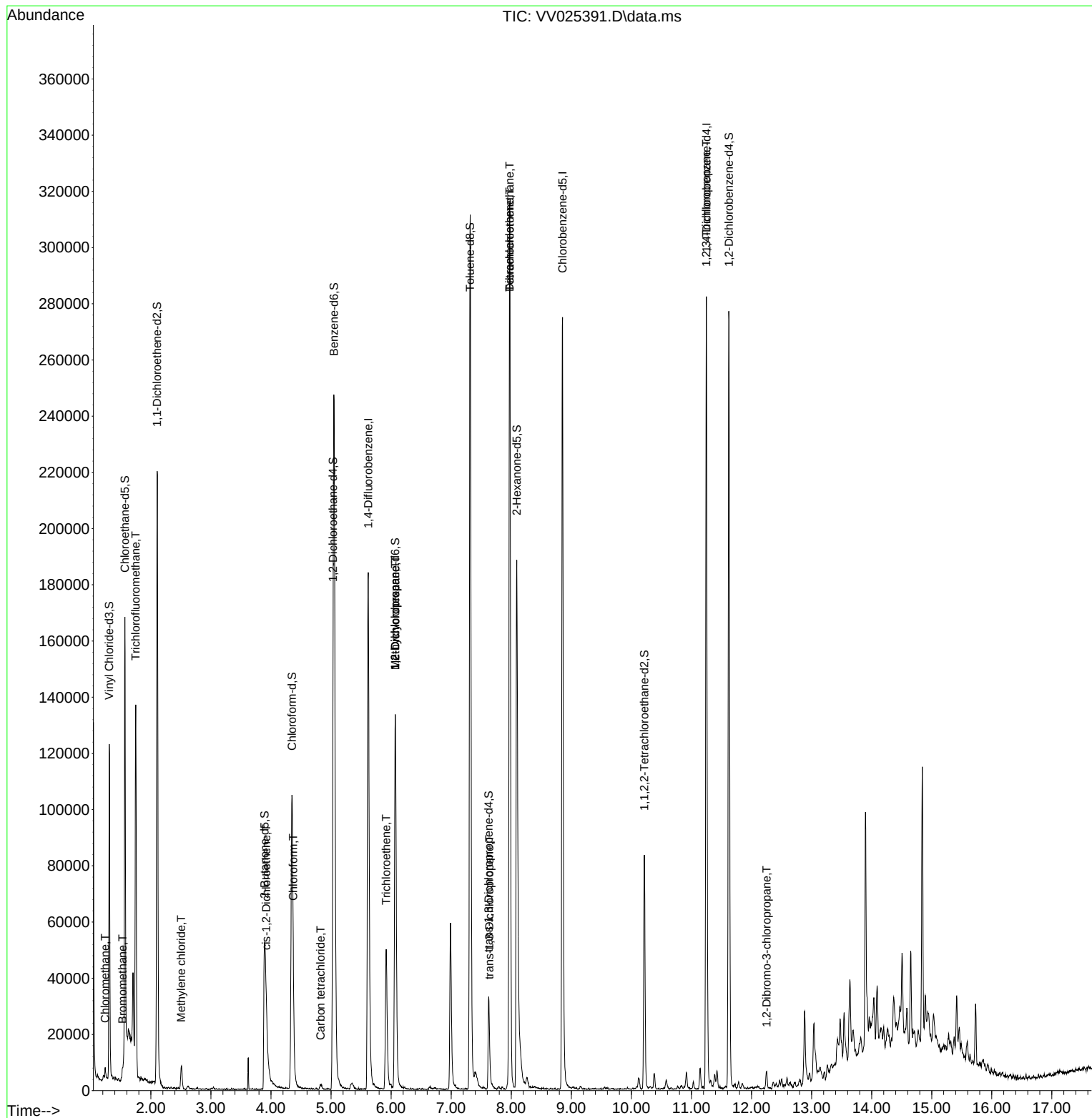
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166539	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78765	5.063	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.200%		
7) Chloroethane-d5	1.568	69	94765	7.258	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 145.200%#		
11) 1,1-Dichloroethene-d2	2.105	63	114944	3.411	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 68.200%		
20) 2-Butanone-d5	3.892	46	90699	58.532	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.060%		
24) Chloroform-d	4.349	84	110218	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.034	65	50053	5.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.600%		
32) Benzene-d6	5.050	84	236542	6.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 121.000%		
36) 1,2-Dichloropropane-d6	6.069	67	66887	6.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 122.200%		
41) Toluene-d8	7.317	98	208982	5.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.600%		
43) trans-1,3-Dichloroprop...	7.625	79	19519	5.463	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.200%		
46) 2-Hexanone-d5	8.091	63	74843	57.995	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 115.980%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39135	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	71970	6.162	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.200%#		
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	2144	0.109	ug/L #	77
6) Bromomethane	1.526	94	829	0.064	ug/L	89
9) Trichlorofluoromethane	1.748	101	74651	2.520	ug/L	100
16) Methylene chloride	2.506	84	3456	0.263	ug/L	88
22) cis-1,2-Dichloroethene	3.921	96	5234	0.428	ug/L	87
25) Chloroform	4.371	83	1594	0.072	ug/L	90
31) Carbon tetrachloride	4.828	117	1247	0.077	ug/L #	47
34) Trichloroethene	5.918	95	16764	1.347	ug/L	97
35) Methylcyclohexane	6.069	83	16112	0.826	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	7462	0.710	ug/L #	84
44) trans-1,3-Dichloropropene	7.635	75	960	0.090	ug/L	93
47) Tetrachloroethene	7.976	164	69205	7.543	ug/L	96
49) Dibromochloromethane	7.972	129	64308	8.303	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9062	1.647	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.249	75	157	0.159	ug/L #	1

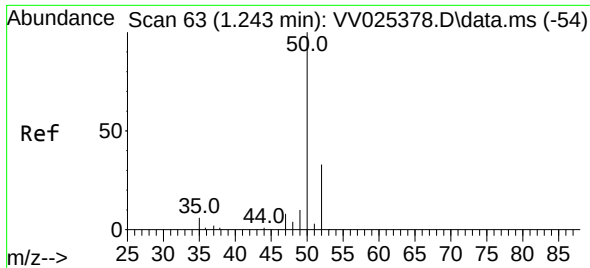
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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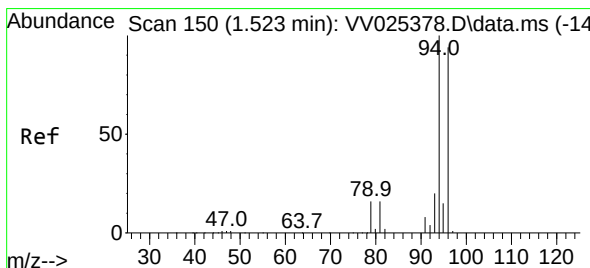
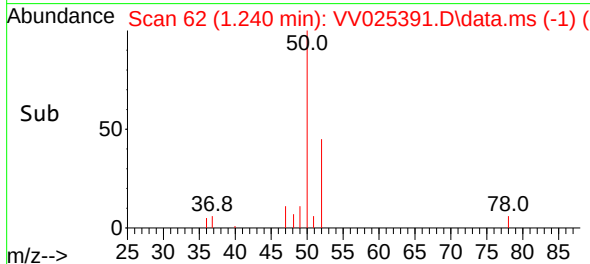
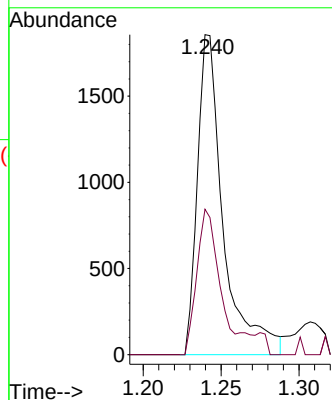
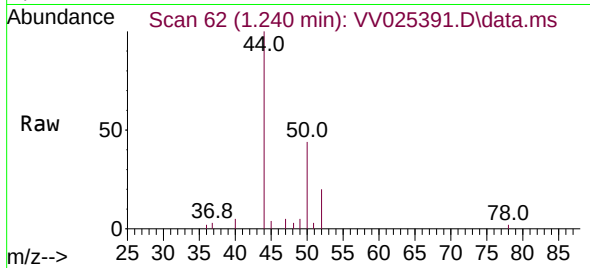




#3
Chloromethane
Concen: 0.109 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

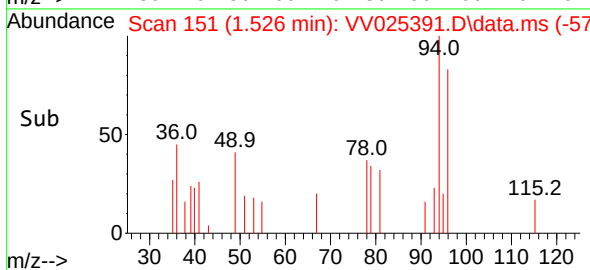
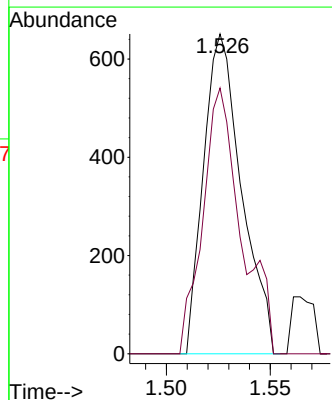
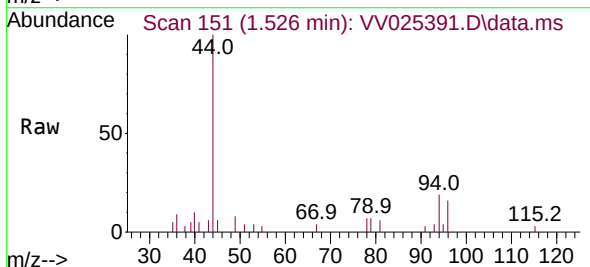
Instrument :
MSVOA_V
ClientSampleId :
C0B30DL

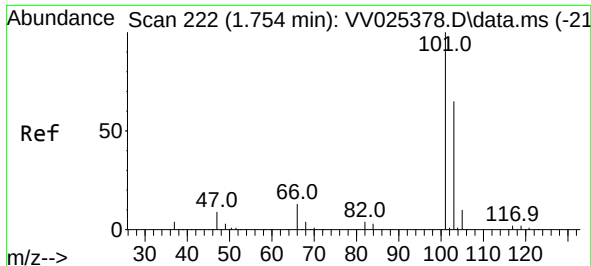
Tgt Ion: 50 Resp: 2144
Ion Ratio Lower Upper
50 100
52 45.4 22.9 42.5#



#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

Tgt Ion: 94 Resp: 829
Ion Ratio Lower Upper
94 100
96 83.1 65.5 121.7

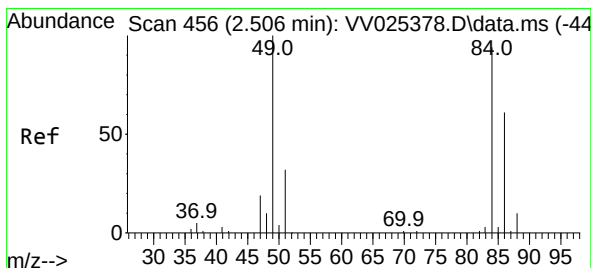
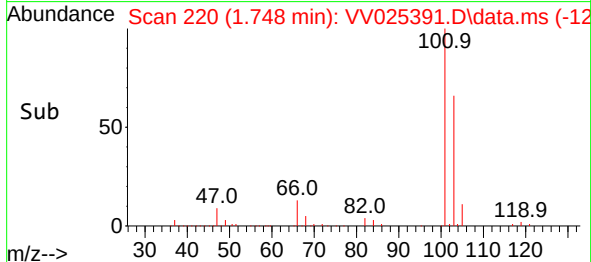
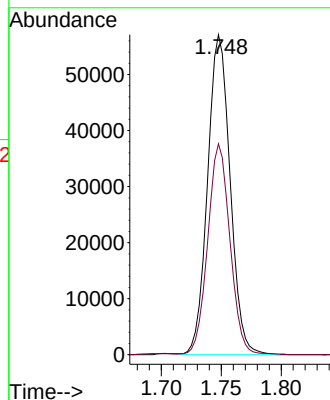
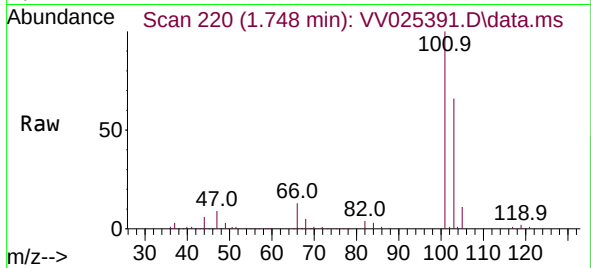




#9
 Trichlorofluoromethane
 Concen: 2.520 ug/L
 RT: 1.748 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VV025391.D
 Acq: 07 Apr 2022 17:39

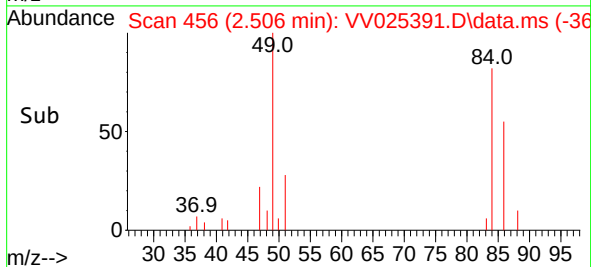
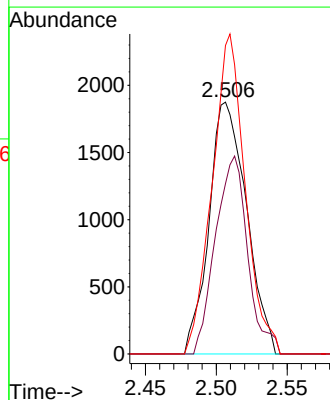
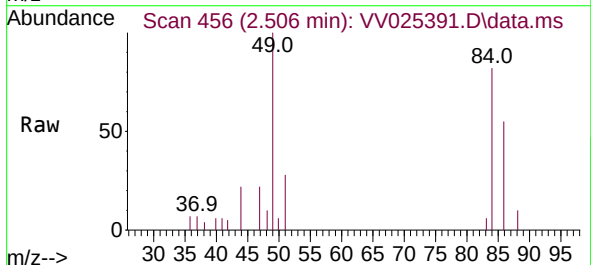
Instrument :
 MSVOA_V
 ClientSampleId :
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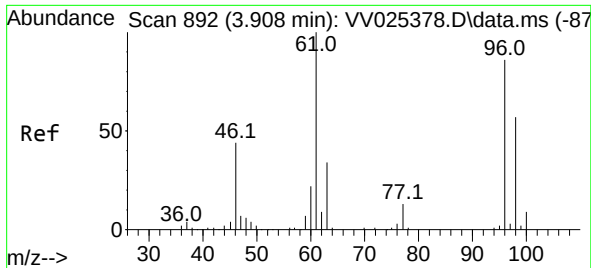
Tgt Ion:101 Resp: 74651
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#16
 Methylene chloride
 Concen: 0.263 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. -0.000 min
 Lab File: VV025391.D
 Acq: 07 Apr 2022 17:39

Tgt Ion: 84 Resp: 3456
 Ion Ratio Lower Upper
 84 100
 86 67.6 43.5 80.7
 49 122.5 74.5 138.3

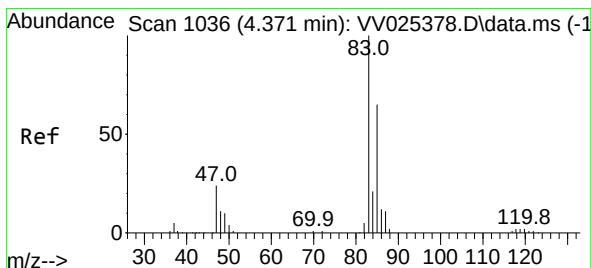
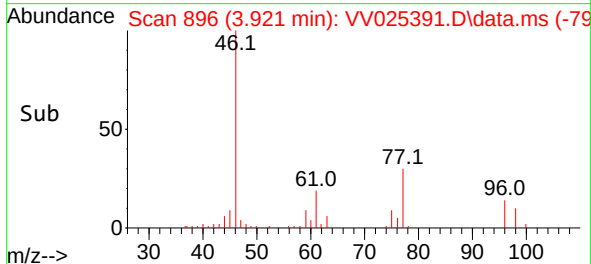
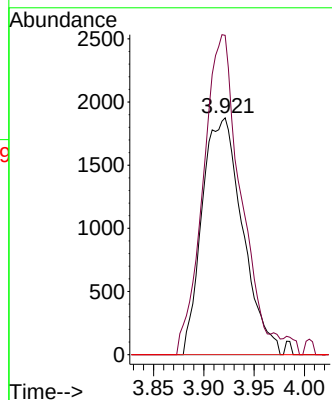
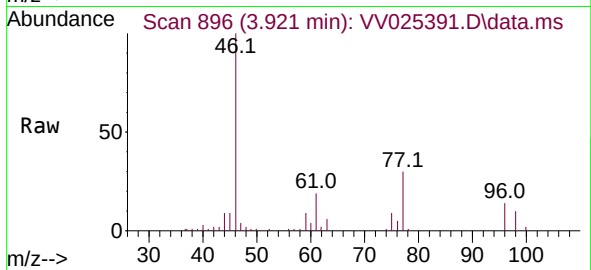




#22
 cis-1,2-Dichloroethene
 Concen: 0.428 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.013 min
 Lab File: VV025391.D
 Acq: 07 Apr 2022 17:39

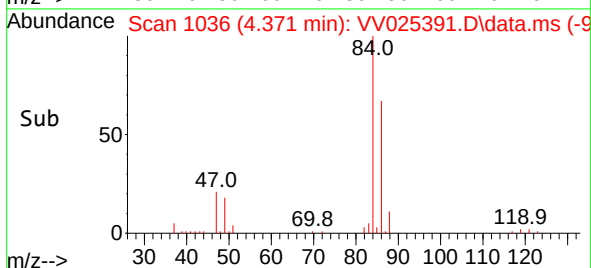
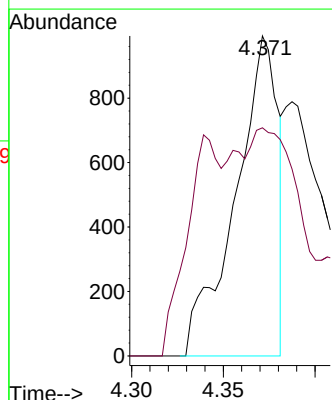
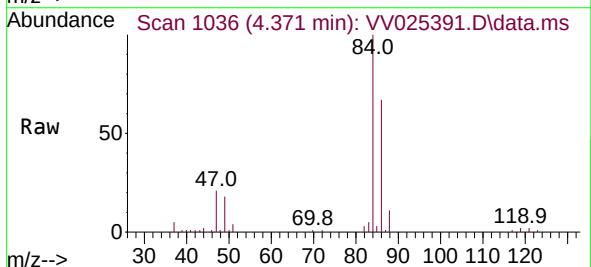
Instrument :
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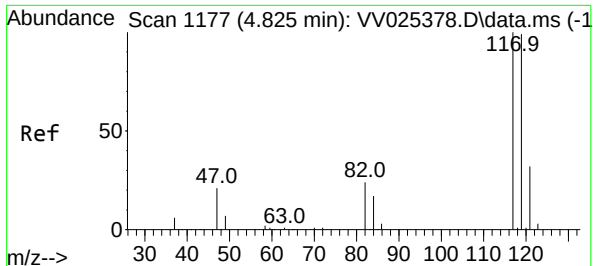
Tgt Ion: 96 Resp: 5234
 Ion Ratio Lower Upper
 96 100
 61 134.9 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.072 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV025391.D
 Acq: 07 Apr 2022 17:39

Tgt Ion: 83 Resp: 1594
 Ion Ratio Lower Upper
 83 100
 85 71.3 44.7 82.9

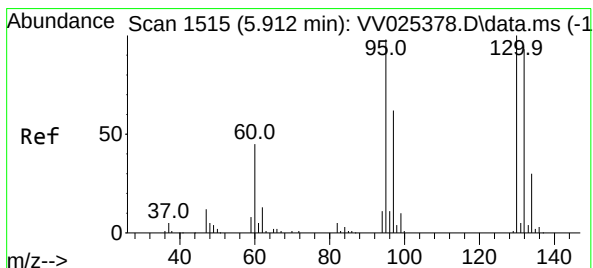
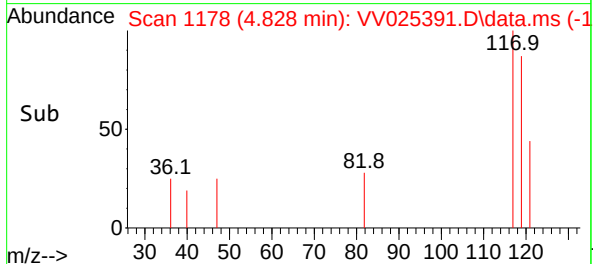
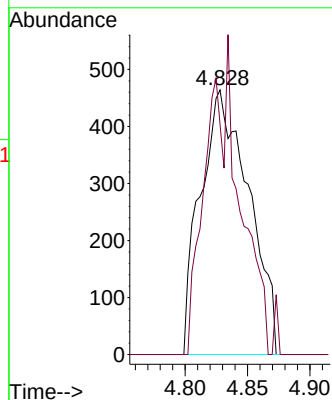
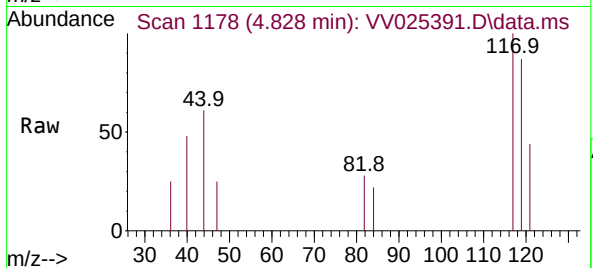




#31
Carbon tetrachloride
Concen: 0.077 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

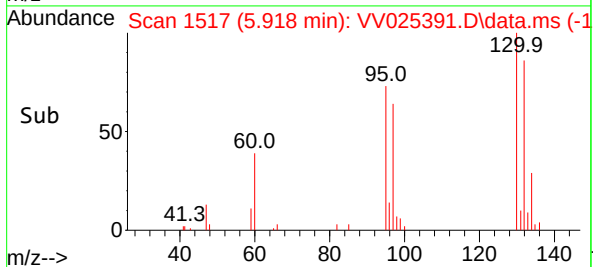
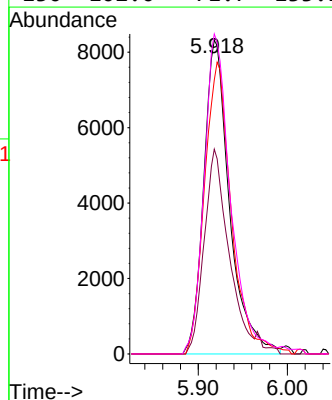
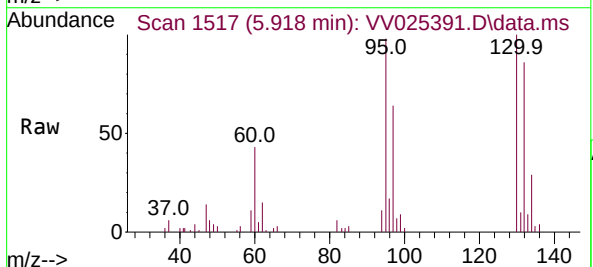
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ClientSampleId :
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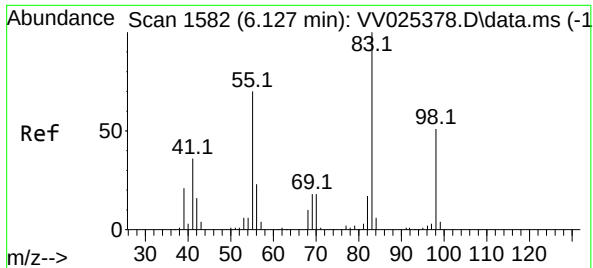
Tgt Ion:117 Resp: 1247
Ion Ratio Lower Upper
117 100
119 44.7 77.8 116.6#



#34
Trichloroethene
Concen: 1.347 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

Tgt Ion: 95 Resp: 16764
Ion Ratio Lower Upper
95 100
97 65.3 46.3 85.9
132 87.4 65.2 121.2
130 102.0 71.7 133.1





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025391.D

Acq: 07 Apr 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

C0B30DL

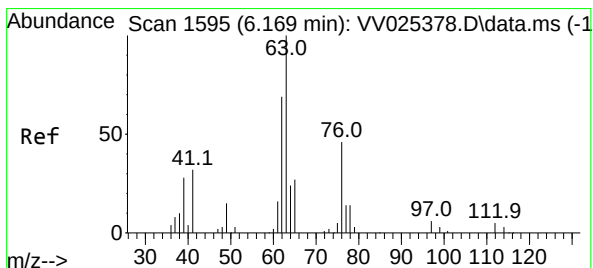
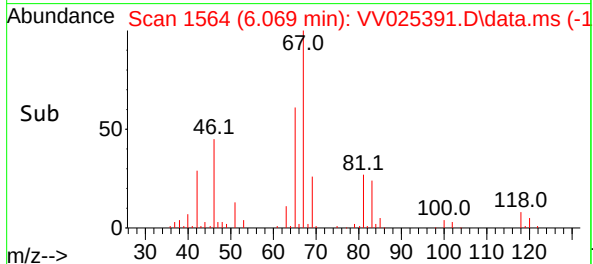
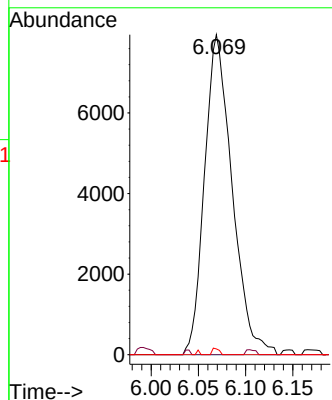
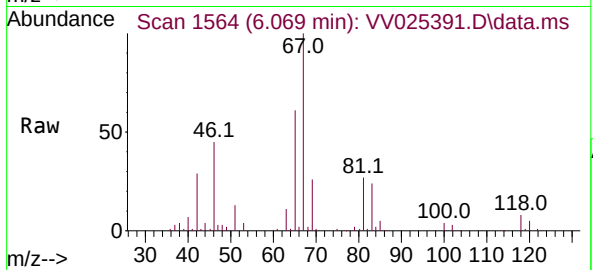
Tgt Ion: 83 Resp: 16112

Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 0.5 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025391.D

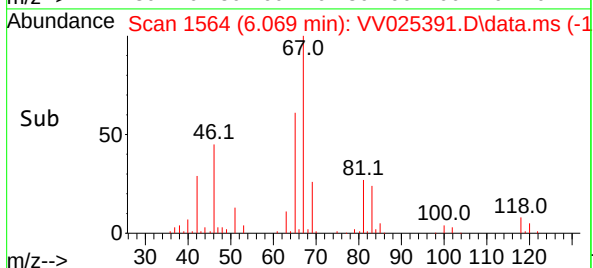
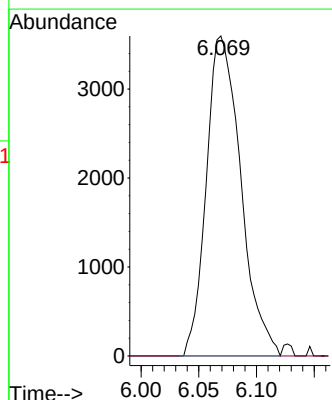
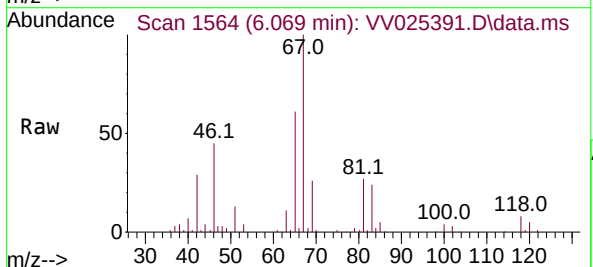
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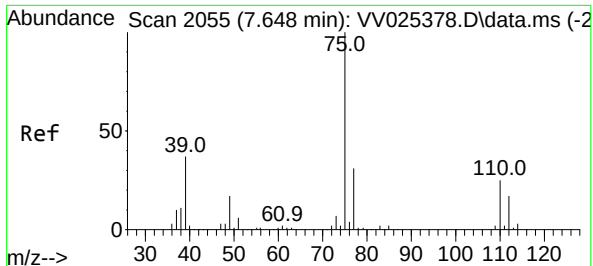
Tgt Ion: 63 Resp: 7462

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#

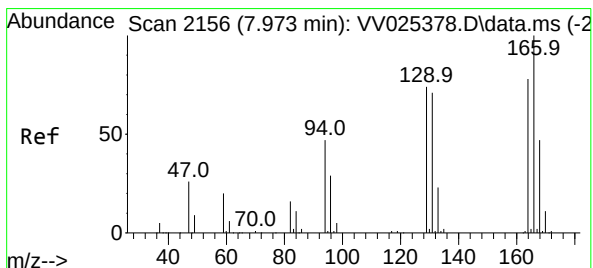
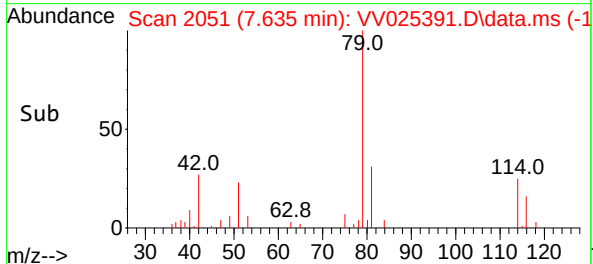
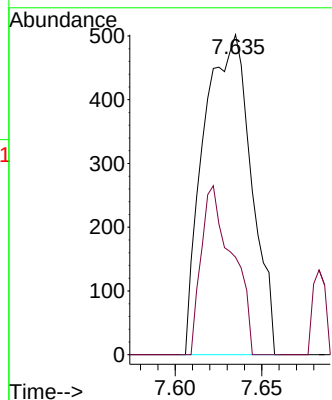
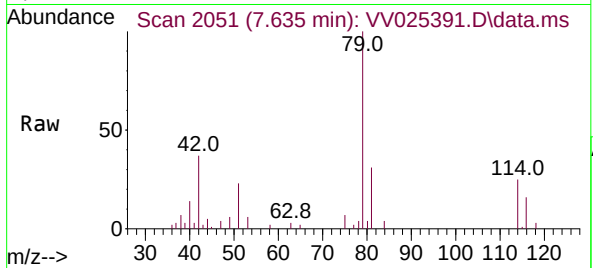




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.635 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

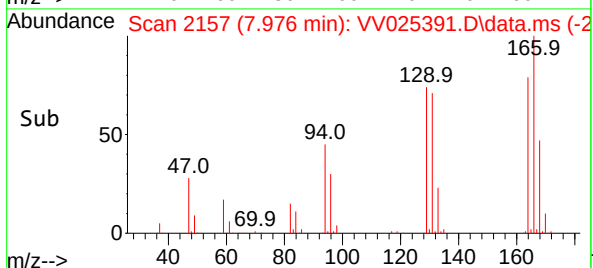
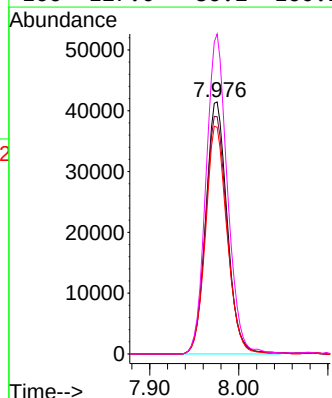
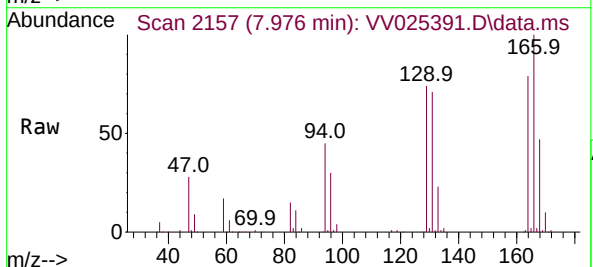
Instrument :
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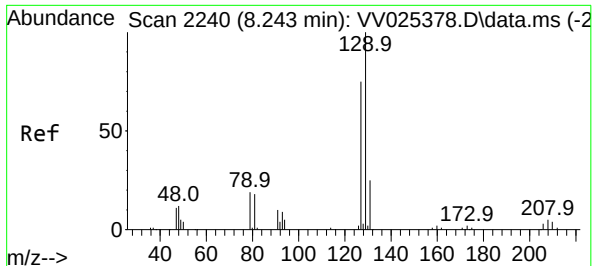
Tgt Ion: 75 Resp: 960
Ion Ratio Lower Upper
75 100
77 30.5 24.2 45.0



#47
Tetrachloroethene
Concen: 7.543 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025391.D
Acq: 07 Apr 2022 17:39

Tgt Ion: 164 Resp: 69205
Ion Ratio Lower Upper
164 100
129 94.2 67.5 125.4
131 90.0 68.0 126.4
166 127.0 86.2 160.2





#49

Dibromochloromethane

Concen: 8.303 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025391.D

Acq: 07 Apr 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

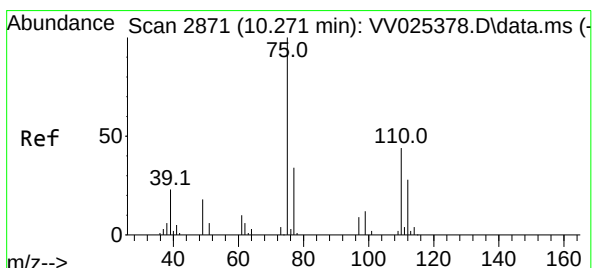
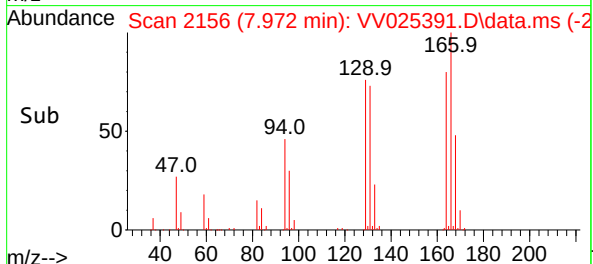
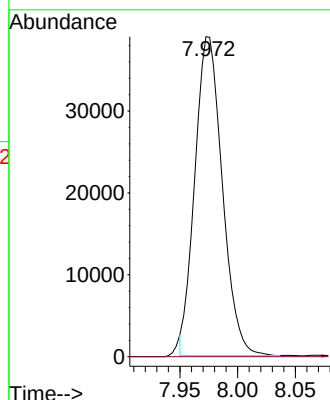
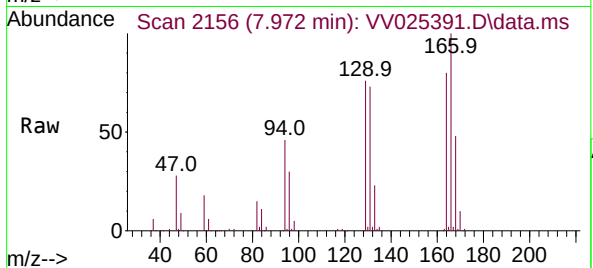
COB30DL

Tgt Ion:129 Resp: 64308

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.647 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025391.D

Acq: 07 Apr 2022 17:39

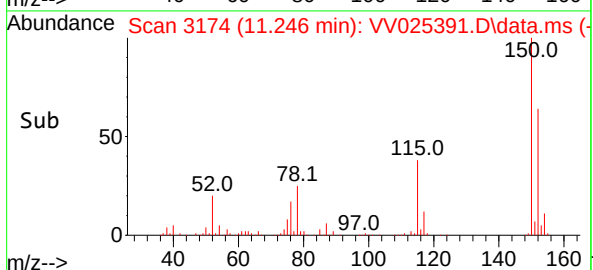
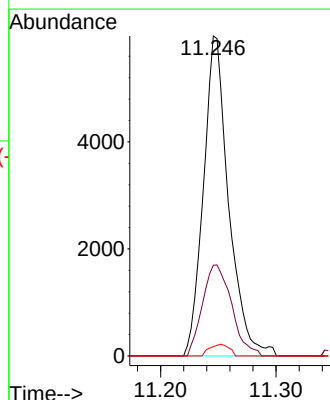
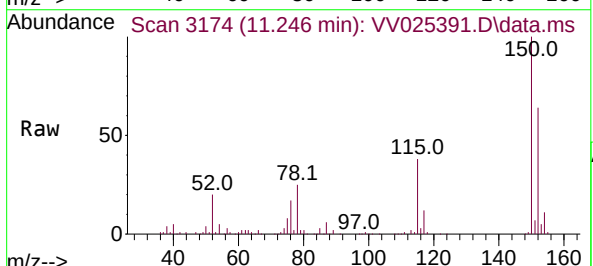
Tgt Ion: 75 Resp: 9062

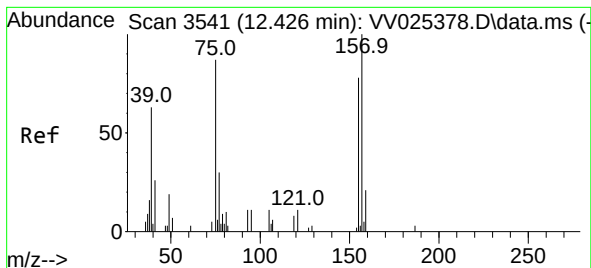
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

110 2.8 31.6 47.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.159 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV025391.D
 Acq: 07 Apr 2022 17:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B30DL

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

