

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030522.D
 Acq On : 12 Apr 2023 17:00
 Operator : SY/MD
 Sample : 02250-03DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx4DL

Quant Time: Apr 13 02:50:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

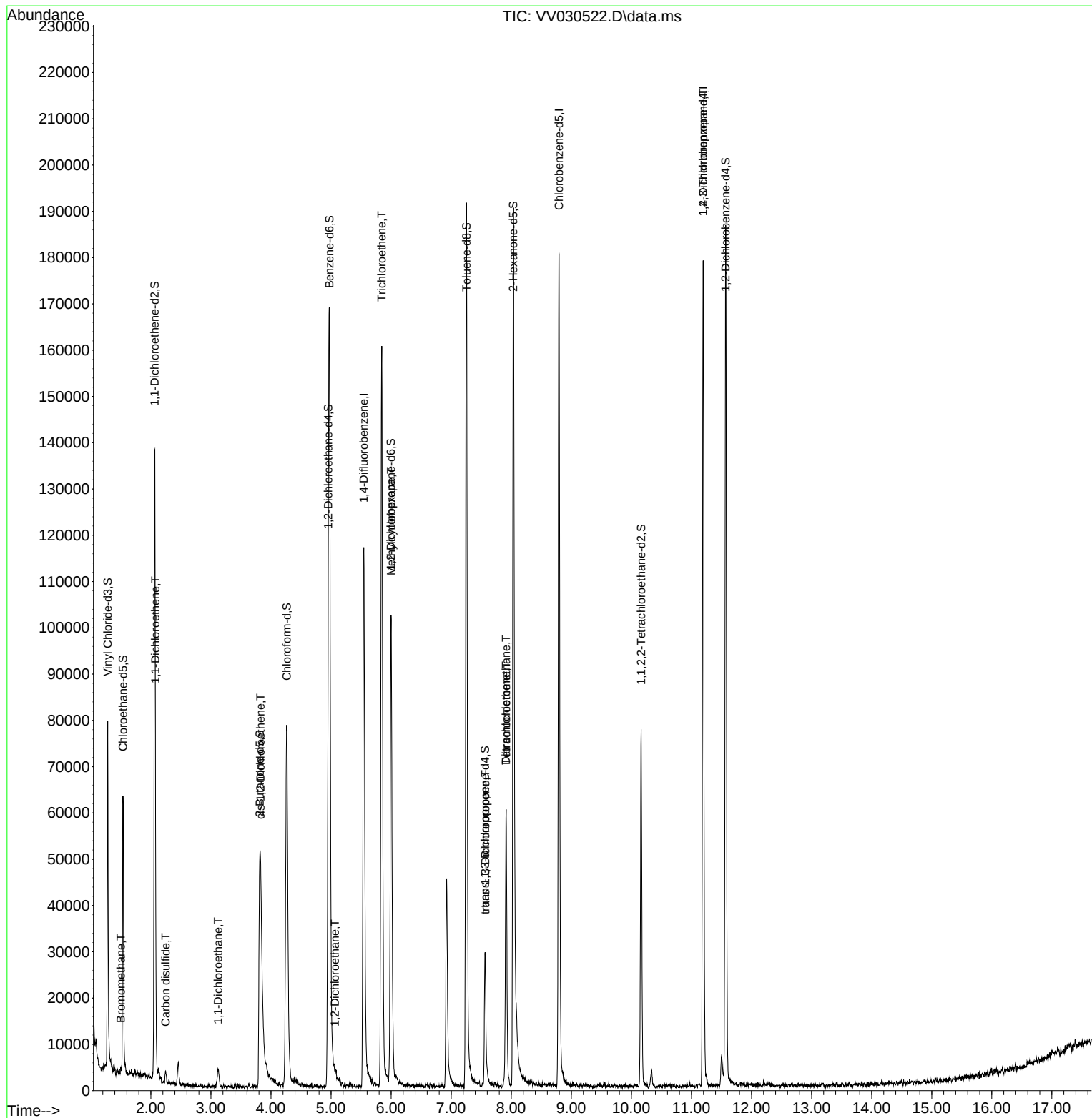
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	99274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	100158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	48663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48686	7.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	148.000%#
7) Chloroethane-d5	1.535	69	37429	5.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.063	63	71289	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	3.812	46	84306	49.608	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.220%
24) Chloroform-d	4.262	84	80737	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.953	65	41762	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.973	84	145397	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	5.998	67	45749	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.252	98	127130	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.564	79	16858	5.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.034	63	65751	49.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33036	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	47892	5.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
6) Bromomethane	1.500	94	345	0.104	ug/L	76
12) 1,1-Dichloroethene	2.076	96	4903	0.591	ug/L #	1
14) Carbon disulfide	2.246	76	2943	0.108	ug/L	96
19) 1,1-Dichloroethane	3.121	63	3620	0.214	ug/L #	90
22) cis-1,2-Dichloroethene	3.828	96	4599	0.524	ug/L	99
27) 1,2-Dichloroethane	5.063	62	1266	0.122	ug/L #	73
34) Trichloroethene	5.844	95	53518	5.578	ug/L	98
35) Methylcyclohexane	6.001	83	11387	0.756	ug/L #	16
44) trans-1,3-Dichloropropene	7.567	75	908	0.083	ug/L #	50
47) Tetrachloroethene	7.915	164	13537	1.599	ug/L	97
49) Dibromochloromethane	7.915	129	12038	1.573	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	5568	1.280	ug/L #	61

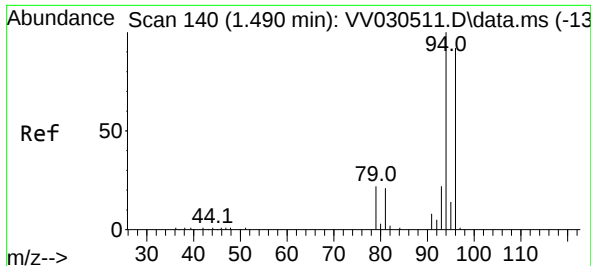
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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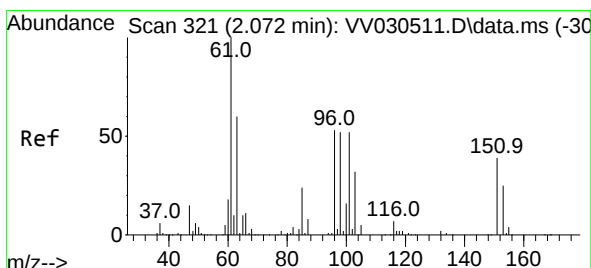
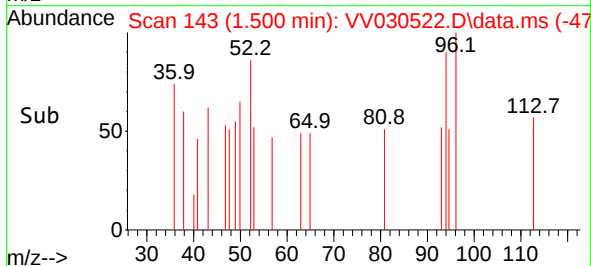
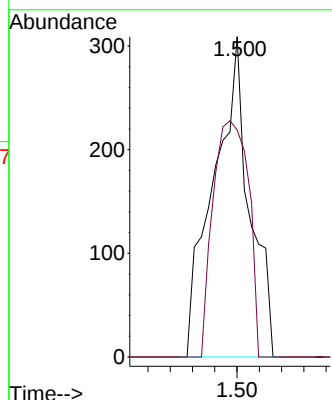
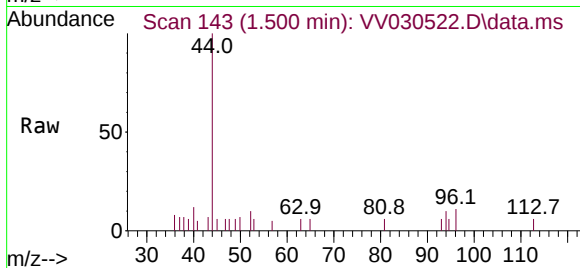




#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.500 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

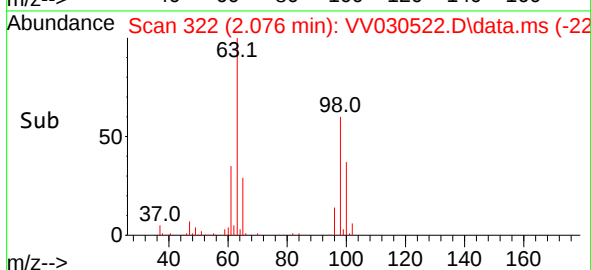
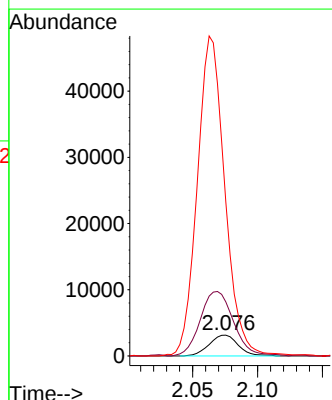
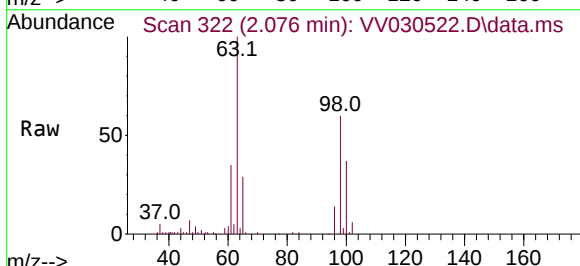
Instrument :
MSVOA_V
ClientSampleId :
BHD4DL

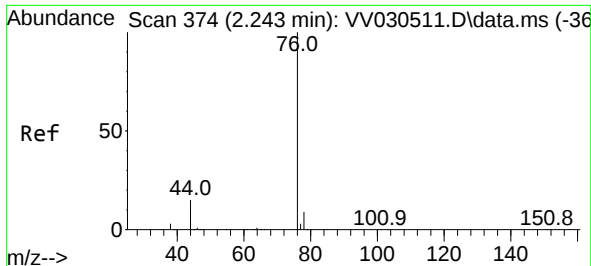
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 70.9 66.1 122.7



#12
1,1-Dichloroethene
Concen: 0.591 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

Tgt Ion: 96 Resp: 4903
Ion Ratio Lower Upper
96 100
61 259.4 136.3 253.1#
63 739.6 92.1 171.1#

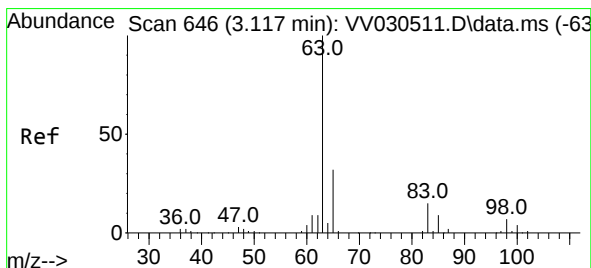
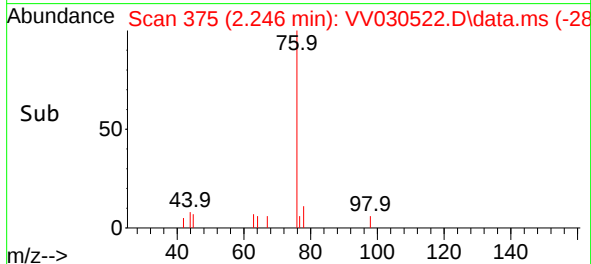
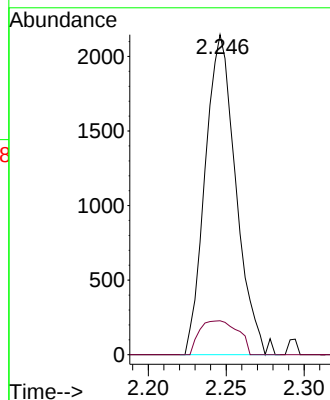
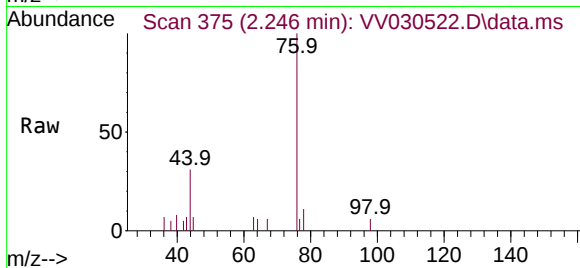




#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

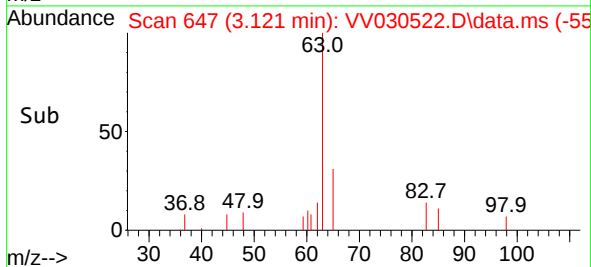
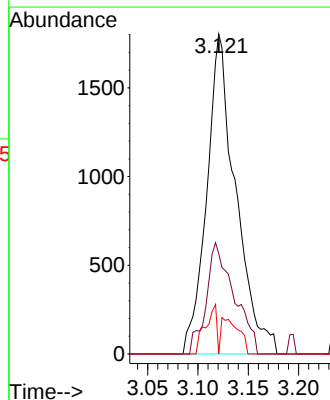
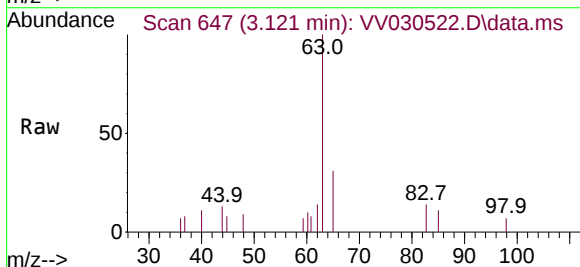
Instrument :
MSVOA_V
ClientSampleId :
BHDx4DL

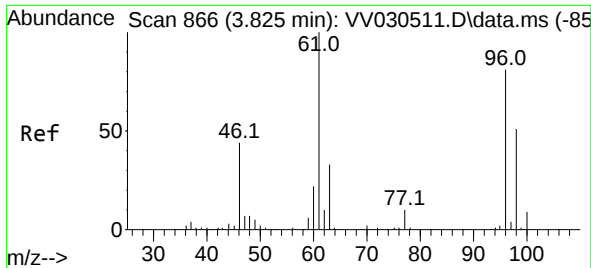
Tgt Ion: 76 Resp: 2943
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#19
1,1-Dichloroethane
Concen: 0.214 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

Tgt Ion: 63 Resp: 3620
Ion Ratio Lower Upper
63 100
65 31.4 21.7 40.3
83 0.0 9.1 16.9#

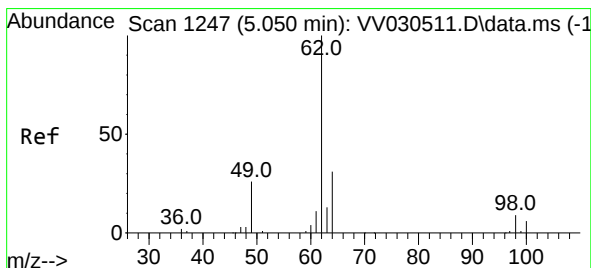
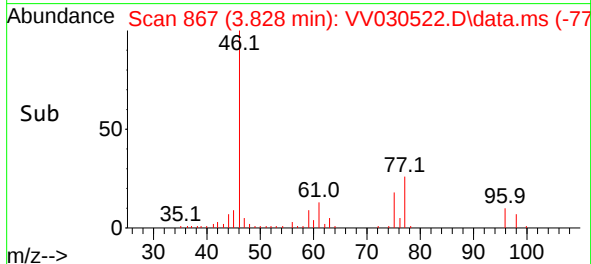
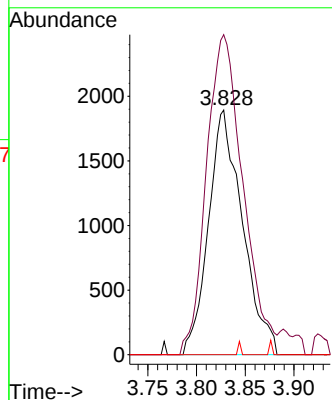
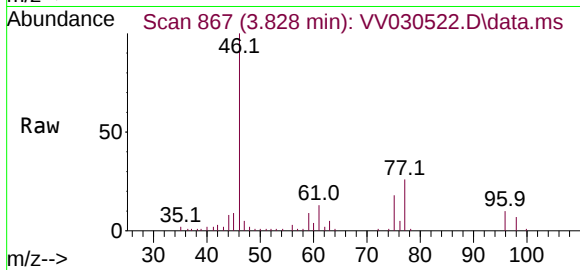




#22
 cis-1,2-Dichloroethene
 Concen: 0.524 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.003 min
 Lab File: VV030522.D
 Acq: 12 Apr 2023 17:00

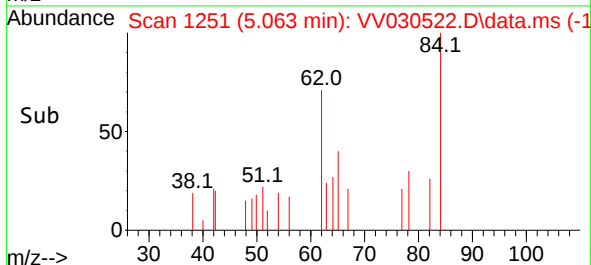
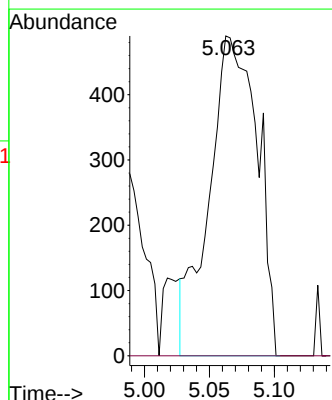
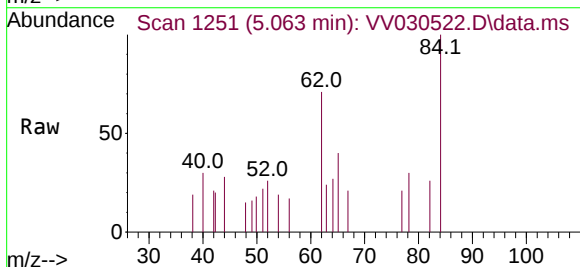
Instrument :
 MSVOA_V
 ClientSampleId :
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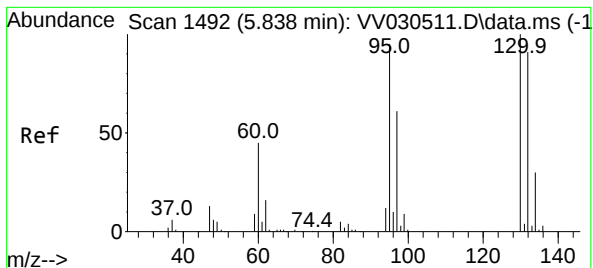
Tgt Ion: 96 Resp: 4599
 Ion Ratio Lower Upper
 96 100
 61 130.8 92.0 170.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.122 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. 0.013 min
 Lab File: VV030522.D
 Acq: 12 Apr 2023 17:00

Tgt Ion: 62 Resp: 1266
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 5.578 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Instrument :

MSVOA_V

ClientSampleId :

BHDX4DL

Tgt Ion: 95 Resp: 53518

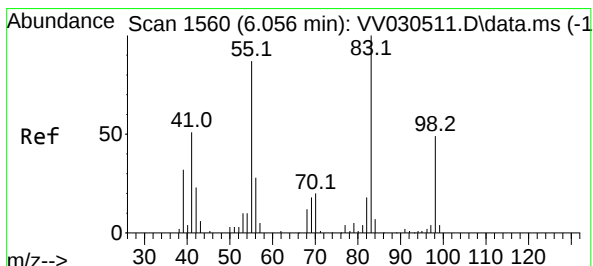
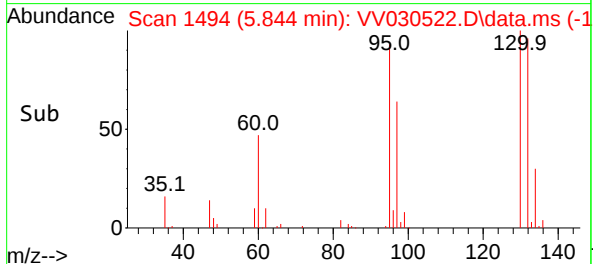
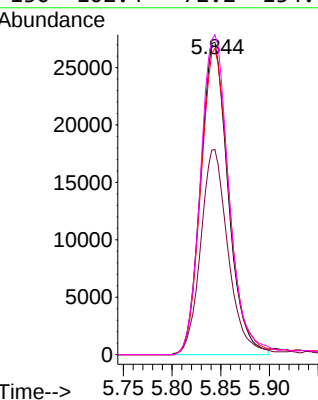
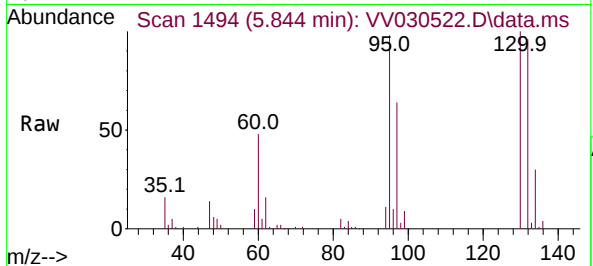
Ion Ratio Lower Upper

95 100

97 65.6 44.2 82.2

132 98.0 69.5 129.1

130 102.4 72.2 134.0



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.001 min Scan# 1543

Delta R.T. -0.055 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

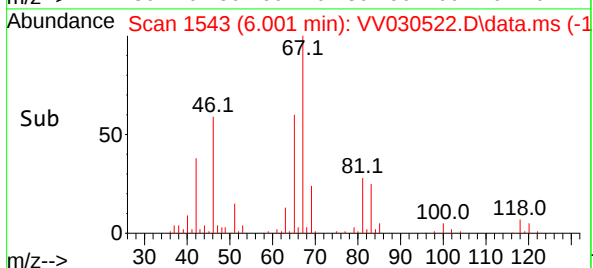
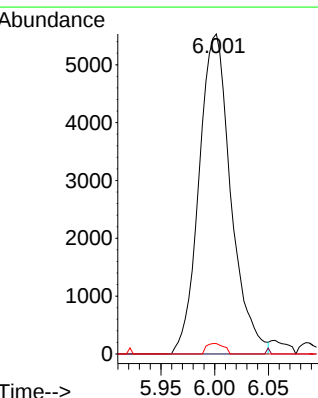
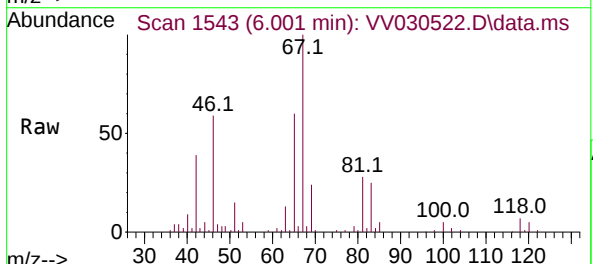
Tgt Ion: 83 Resp: 11387

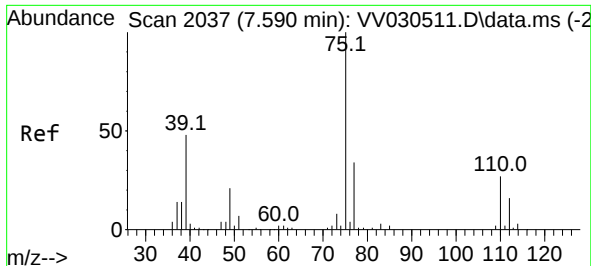
Ion Ratio Lower Upper

83 100

55 0.2 66.6 100.0#

98 1.8 38.6 58.0#

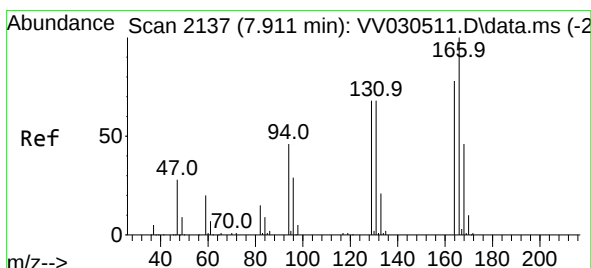
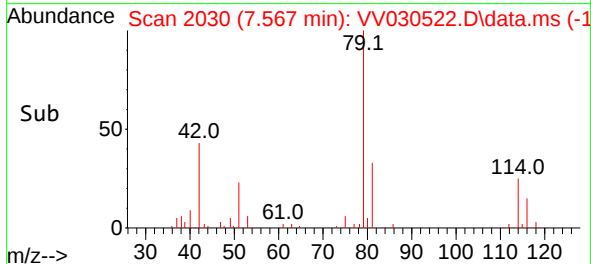
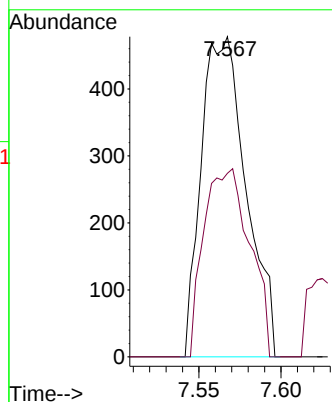
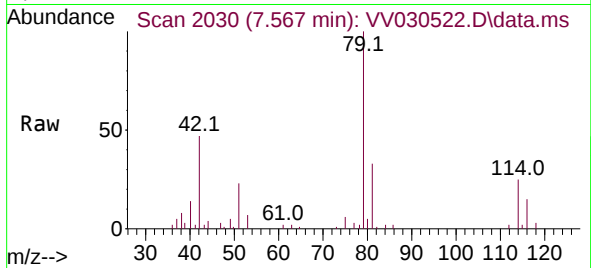




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.023 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

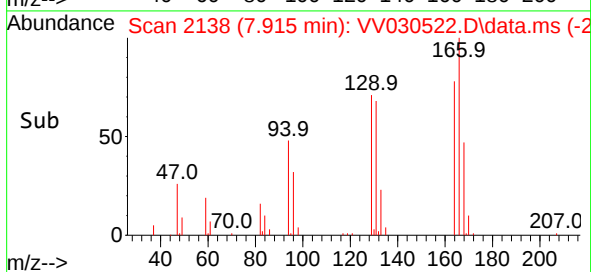
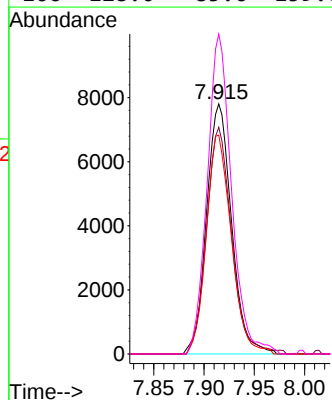
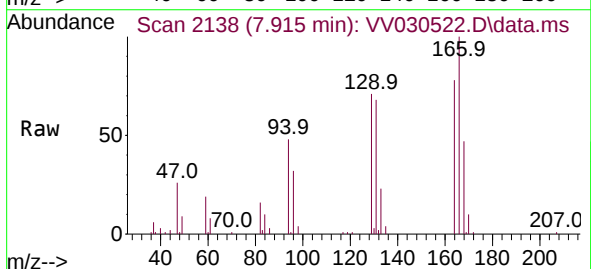
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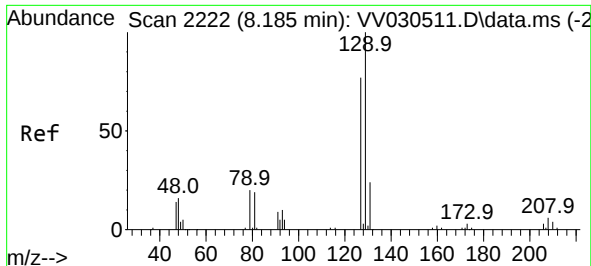
Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 57.3 21.2 39.4#



#47
Tetrachloroethene
Concen: 1.599 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030522.D
Acq: 12 Apr 2023 17:00

Tgt Ion: 164 Resp: 13537
Ion Ratio Lower Upper
164 100
129 90.6 60.8 112.8
131 87.6 61.7 114.7
166 128.0 85.6 159.0





#49

Dibromochloromethane

Concen: 1.573 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Instrument :

MSVOA_V

ClientSampleId :

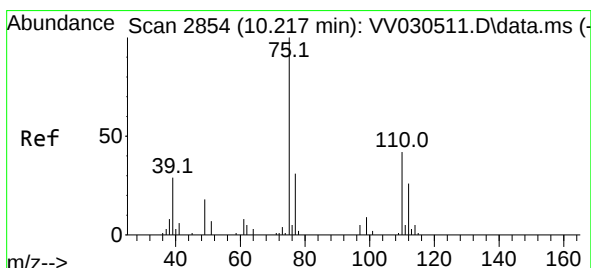
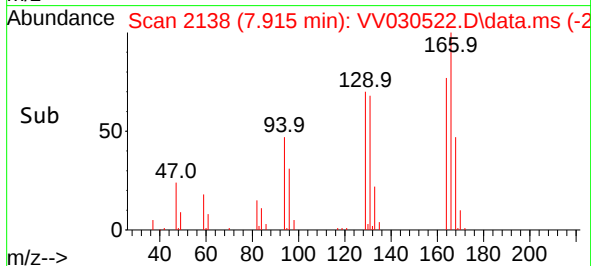
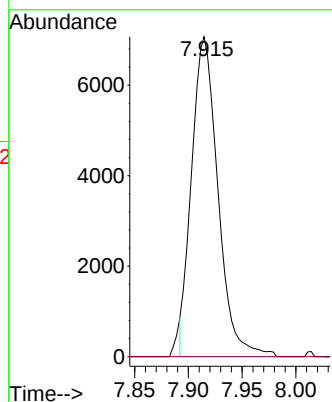
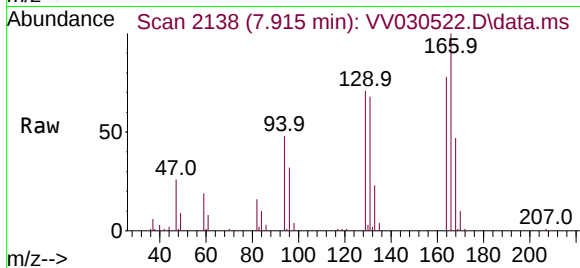
BHDX4DL

Tgt Ion:129 Resp: 12038

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.280 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030522.D

Acq: 12 Apr 2023 17:00

Tgt Ion: 75 Resp: 5568

Ion Ratio Lower Upper

75 100

77 40.5 26.0 39.0#

110 2.7 31.6 47.4#

