

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041123\
 Data File : VW030490.D
 Acq On : 11 Apr 2023 13:25
 Operator : SY/MD
 Sample : 02250-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY4DL

Quant Time: Apr 12 05:01:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 12 05:00:18 2023
 Response via : Initial Calibration

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

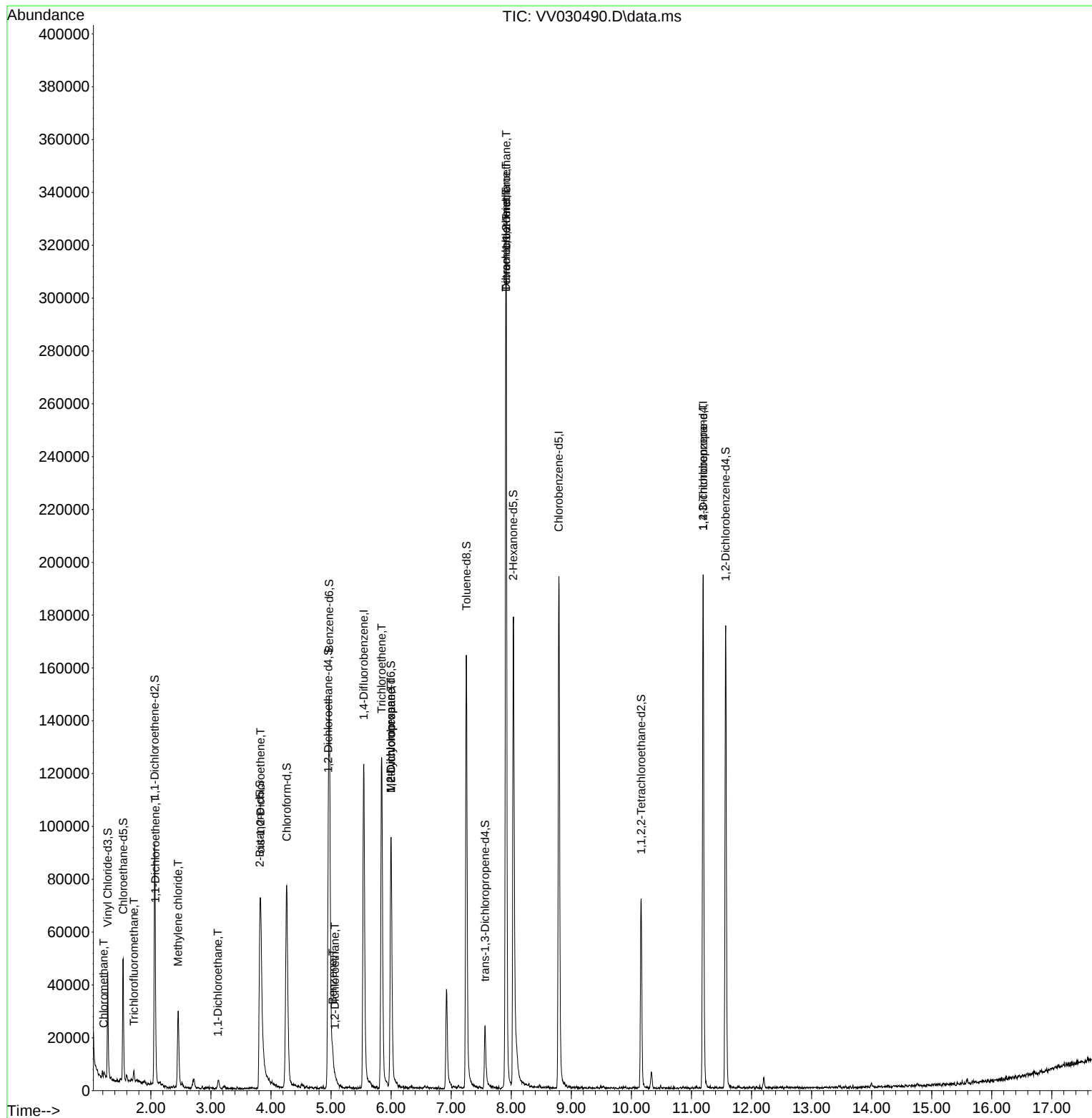
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	107760	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	105692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	52271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	24804	3.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.539	69	28969	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.063	63	48248	2.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.815	46	88482	47.966	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.940%
24) Chloroform-d	4.262	84	78787	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.953	65	39768	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.969	84	132917	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.998	67	44358	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.252	98	112334	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.564	79	14280	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.034	63	64129	45.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33267	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	45415	4.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2004	0.116	ug/L	94
9) Trichlorofluoromethane	1.719	101	2379	0.129	ug/L	94
12) 1,1-Dichloroethene	2.076	96	2157	0.240	ug/L #	1
16) Methylene chloride	2.455	84	11691	1.098	ug/L	95
19) 1,1-Dichloroethane	3.117	63	2904	0.158	ug/L #	87
22) cis-1,2-Dichloroethene	3.825	96	21551	2.264	ug/L	91
27) 1,2-Dichloroethane	5.066	62	1578	0.140	ug/L #	73
33) Benzene	5.027	78	11786	0.314	ug/L	100
34) Trichloroethene	5.844	95	43829	4.329	ug/L	97
35) Methylcyclohexane	5.998	83	11027	0.694	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	5571	0.578	ug/L #	85
45) 1,1,2-Trichloroethane	7.918	97	693	0.102	ug/L #	20
47) Tetrachloroethene	7.915	164	73183	8.190	ug/L	97
49) Dibromochloromethane	7.915	129	65829	8.150	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	5786	1.238	ug/L #	59

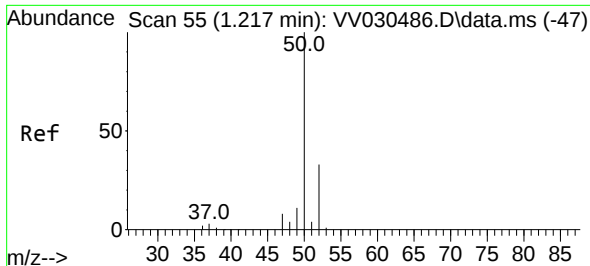
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041123\
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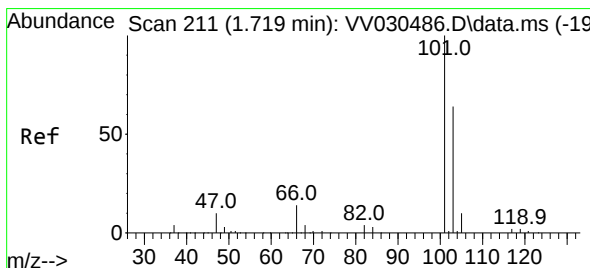
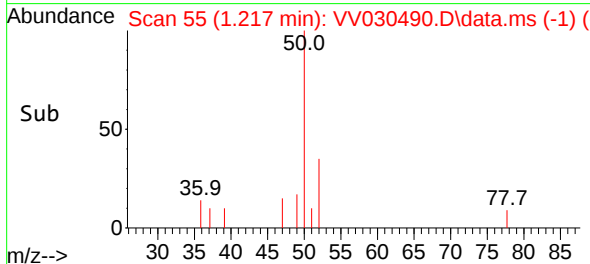
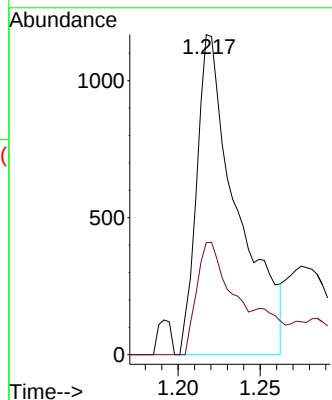
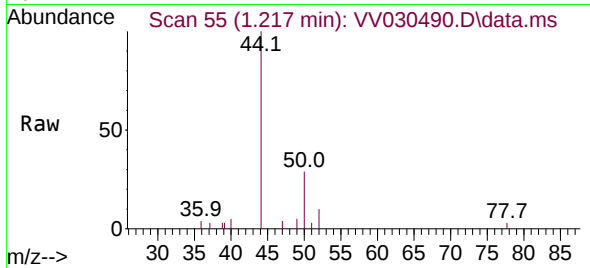




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

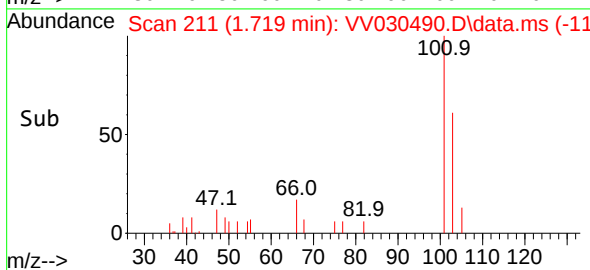
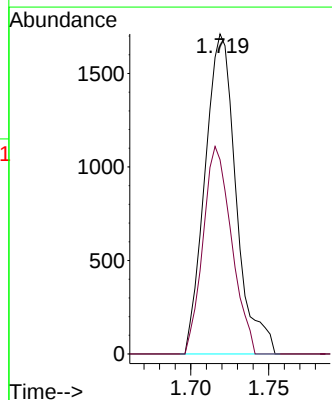
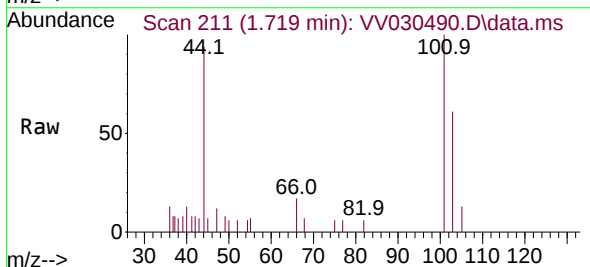
Instrument :
MSVOA_V
ClientSampleId :
BHDY4DL

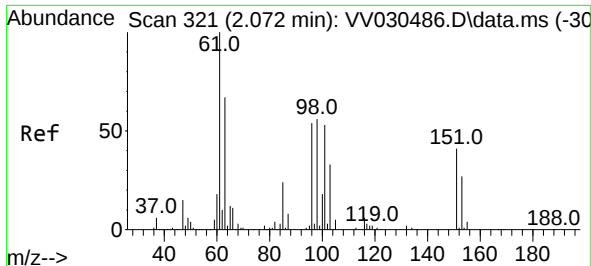
Tgt Ion: 50 Resp: 2004
Ion Ratio Lower Upper
50 100
52 35.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.129 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

Tgt Ion: 101 Resp: 2379
Ion Ratio Lower Upper
101 100
103 59.4 51.0 76.6

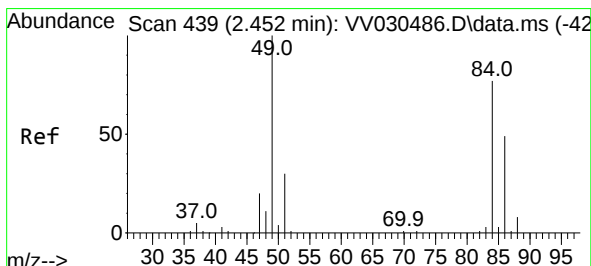
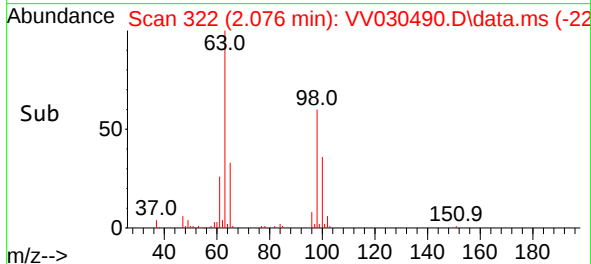
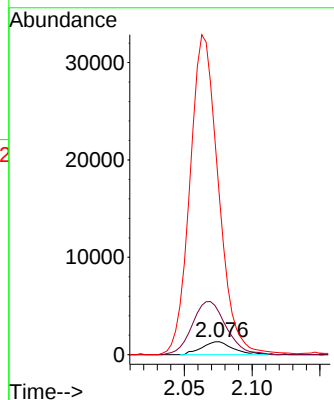
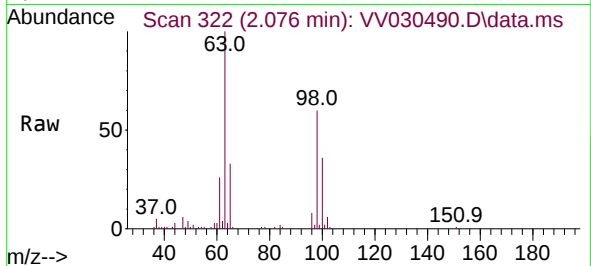




#12
1,1-Dichloroethene
Concen: 0.240 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

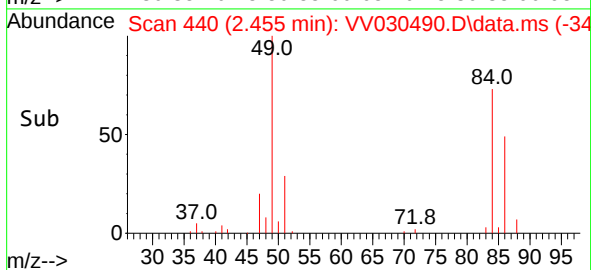
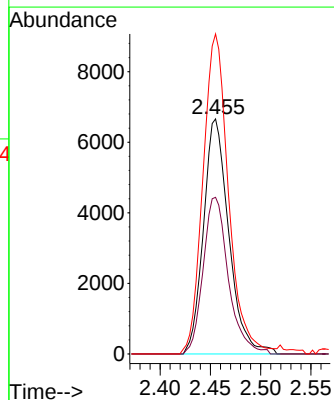
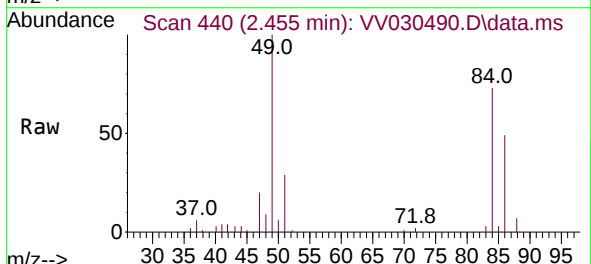
Instrument :
MSVOA_V
ClientSampleId :
BHDY4DL

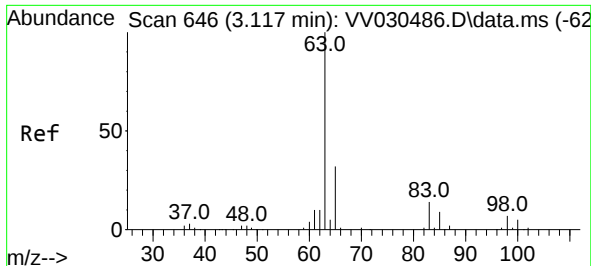
Tgt Ion: 96 Resp: 2157
Ion Ratio Lower Upper
96 100
61 323.6 136.3 253.1#
63 1238.0 92.1 171.1#



#16
Methylene chloride
Concen: 1.098 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

Tgt Ion: 84 Resp: 11691
Ion Ratio Lower Upper
84 100
86 66.6 44.0 81.6
49 136.1 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.158 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV030490.D

Acq: 11 Apr 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

BHDY4DL

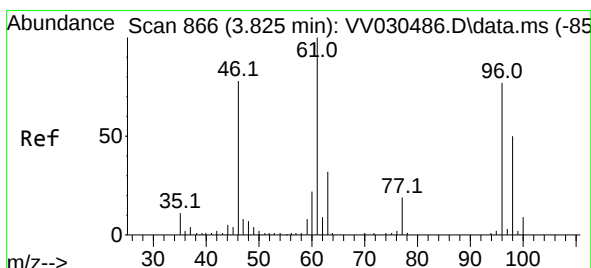
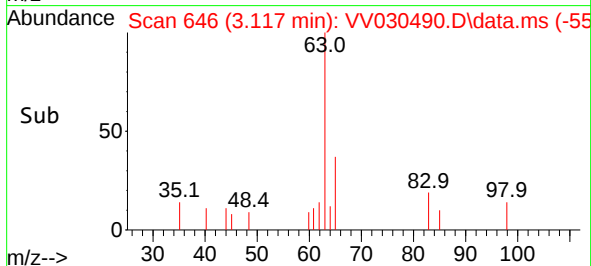
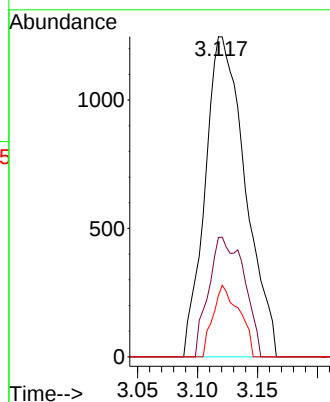
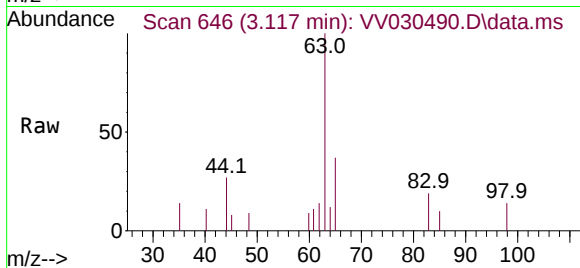
Tgt Ion: 63 Resp: 2904

Ion Ratio Lower Upper

63 100

65 37.3 21.7 40.3

83 19.2 9.1 16.9#



#22

cis-1,2-Dichloroethene

Concen: 2.264 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030490.D

Acq: 11 Apr 2023 13:25

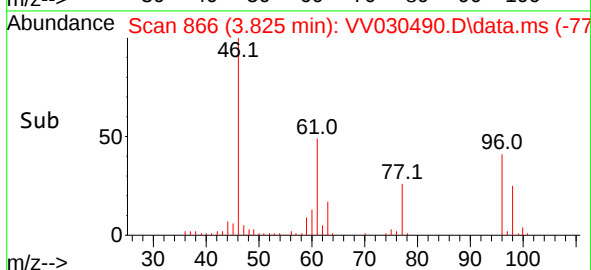
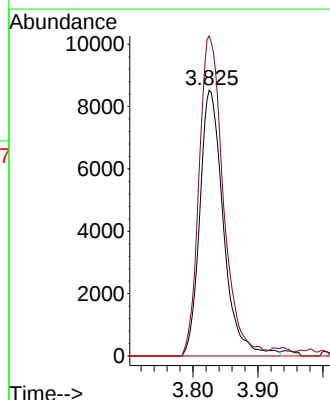
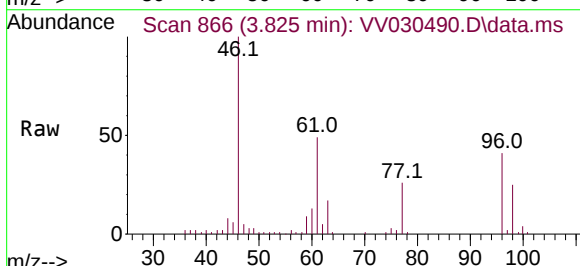
Tgt Ion: 96 Resp: 21551

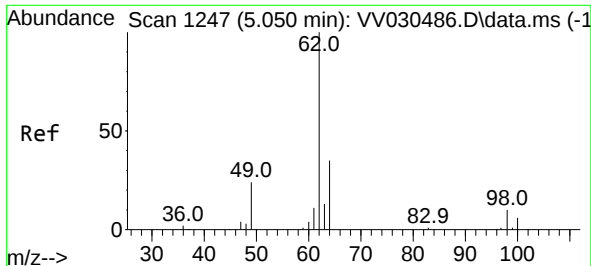
Ion Ratio Lower Upper

96 100

61 120.5 92.0 170.8

68 0.0 0.0 0.0

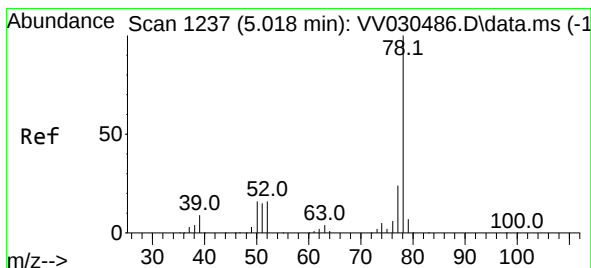
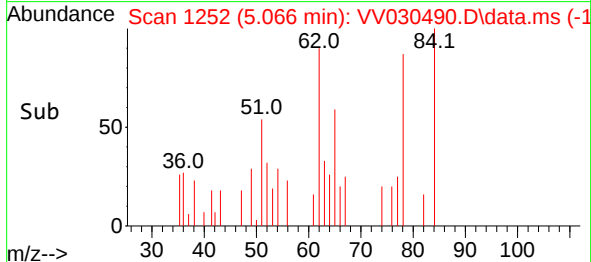
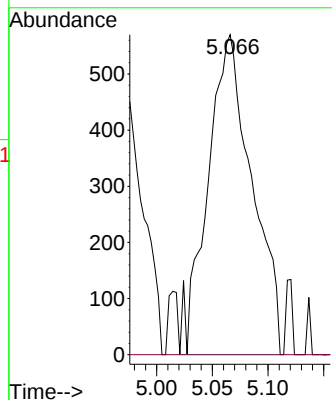
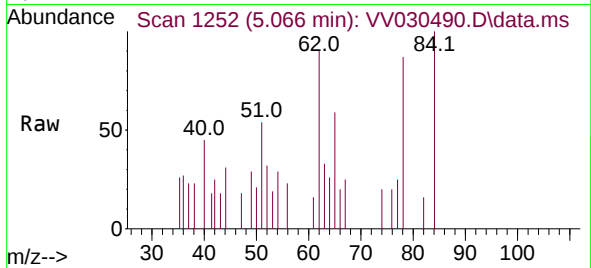




#27
1,2-Dichloroethane
Concen: 0.140 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

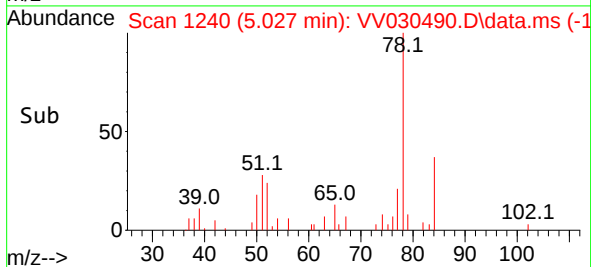
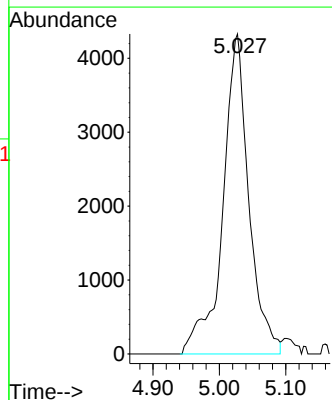
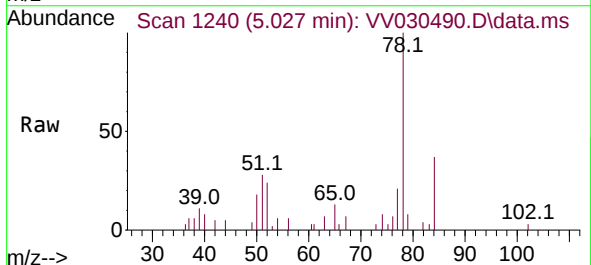
Instrument :
MSVOA_V
ClientSampleId :
BHDY4DL

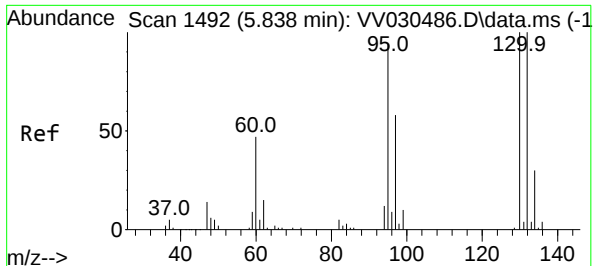
Tgt Ion: 62 Resp: 1578
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#33
Benzene
Concen: 0.314 ug/L
RT: 5.027 min Scan# 1240
Delta R.T. 0.010 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

Tgt Ion: 78 Resp: 11786

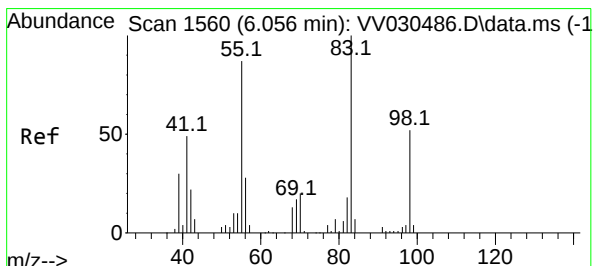
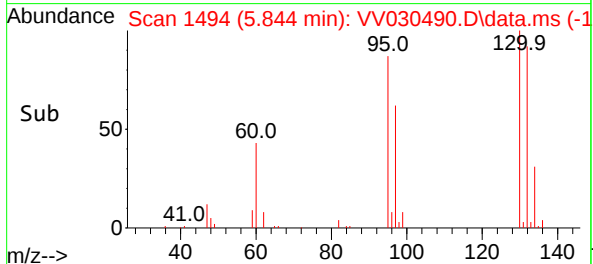
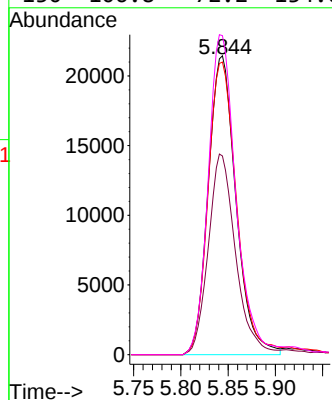
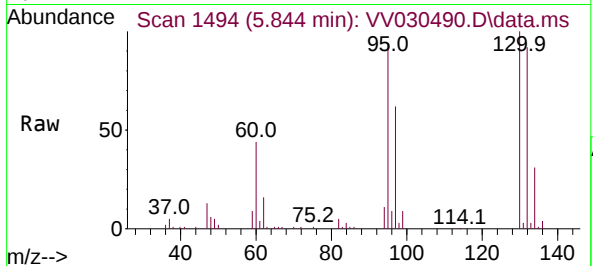




#34
Trichloroethene
Concen: 4.329 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

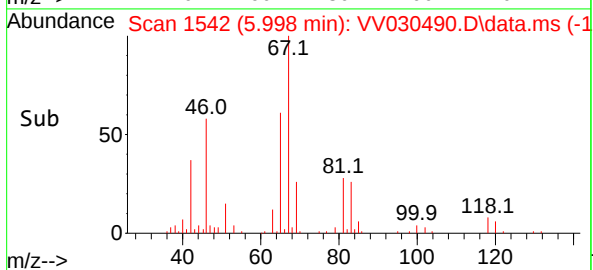
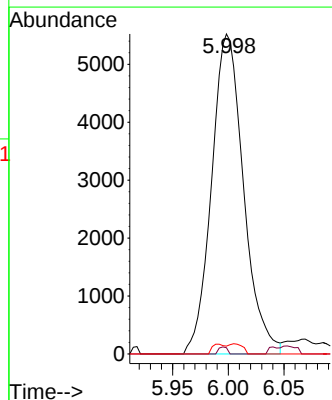
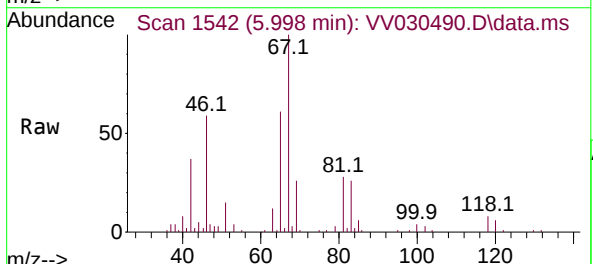
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MSVOA_V
ClientSampleId :
BHDY4DL

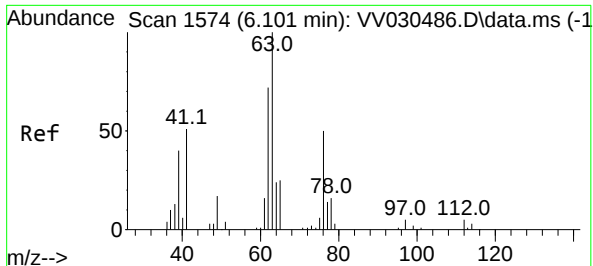
Tgt Ion: 95 Resp: 43829
Ion Ratio Lower Upper
95 100
97 66.5 44.2 82.2
132 97.9 69.5 129.1
130 106.8 72.2 134.0



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

Tgt Ion: 83 Resp: 11027
Ion Ratio Lower Upper
83 100
55 0.6 66.6 100.0#
98 1.3 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030490.D

Acq: 11 Apr 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

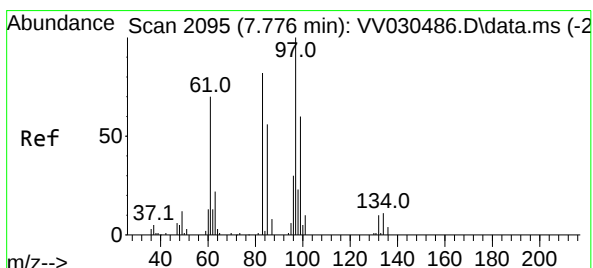
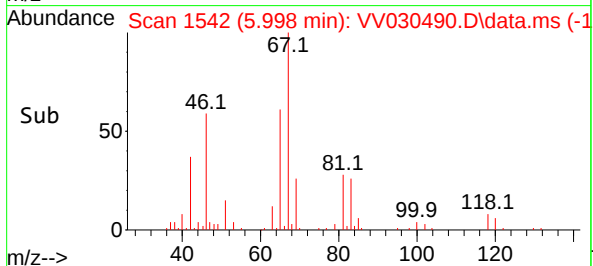
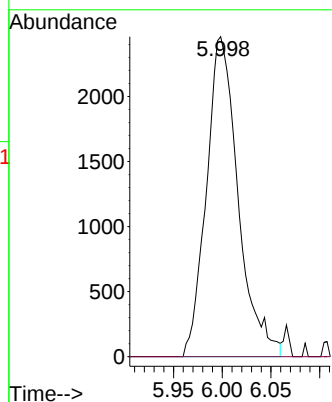
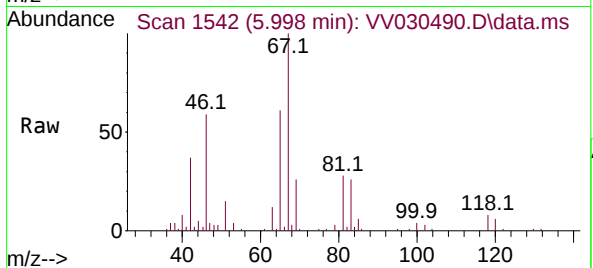
BHDY4DL

Tgt Ion: 63 Resp: 5571

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#45

1,1,2-Trichloroethane

Concen: 0.102 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.141 min

Lab File: VV030490.D

Acq: 11 Apr 2023 13:25

Tgt Ion: 97 Resp: 693

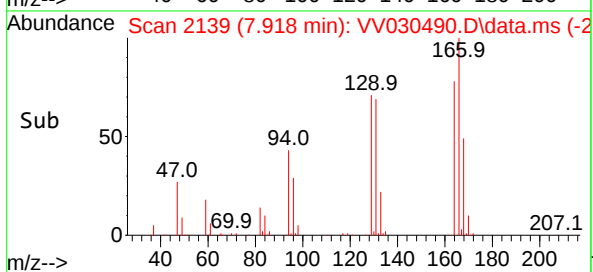
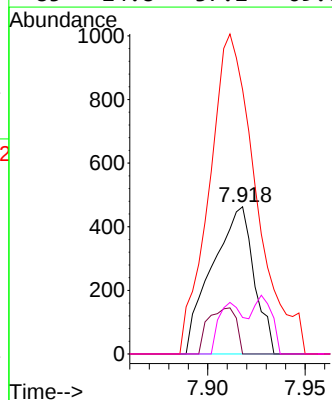
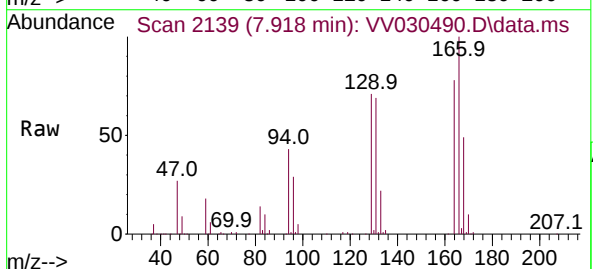
Ion Ratio Lower Upper

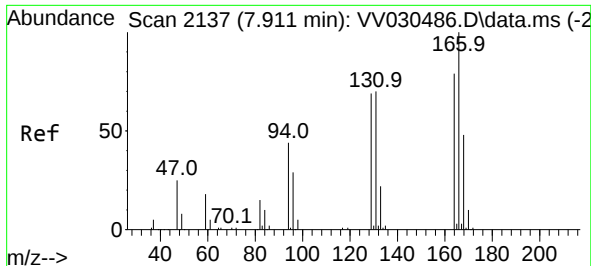
97 100

99 0.0 44.0 81.8#

83 179.5 58.8 109.2#

85 24.8 37.2 69.0#

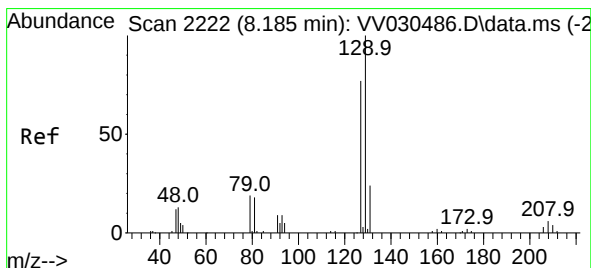
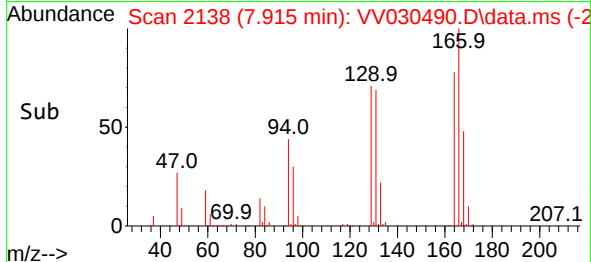
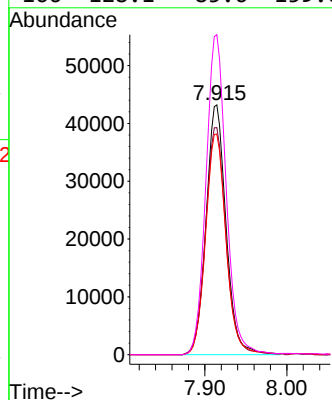
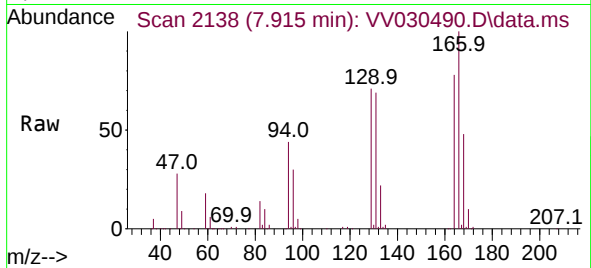




#47
Tetrachloroethene
Concen: 8.190 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

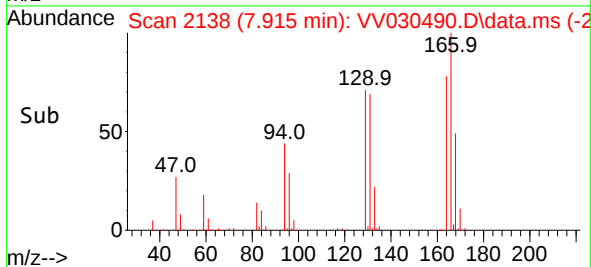
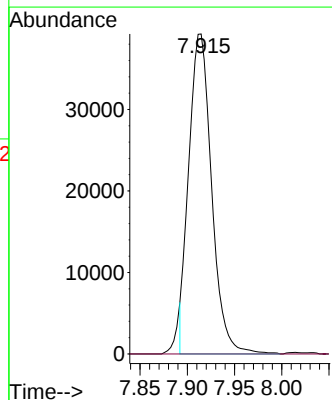
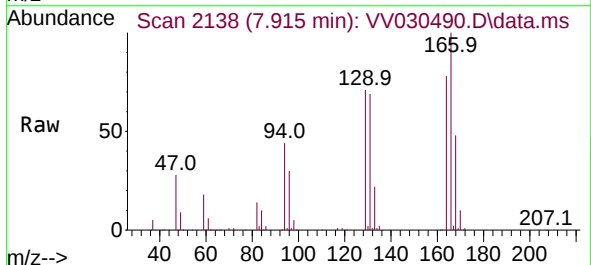
Instrument :
MSVOA_V
ClientSampleId :
BHDY4DL

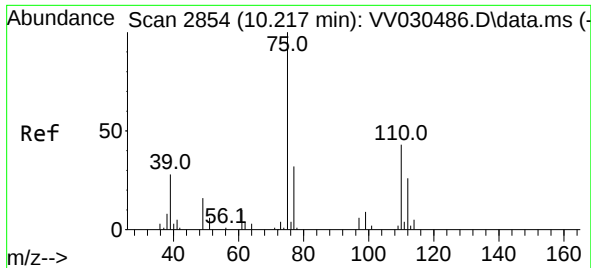
Tgt Ion:164 Resp: 73183
Ion Ratio Lower Upper
164 100
129 90.9 60.8 112.8
131 88.3 61.7 114.7
166 128.1 85.6 159.0



#49
Dibromochloromethane
Concen: 8.150 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030490.D
Acq: 11 Apr 2023 13:25

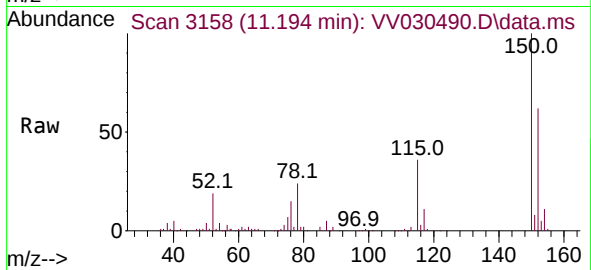
Tgt Ion:129 Resp: 65829
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.238 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030490.D
 Acq: 11 Apr 2023 13:25

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY4DL



Tgt Ion:	75	Resp:	5786
Ion	Ratio	Lower	Upper
75	100		
77	40.5	26.0	39.0#
110	0.7	31.6	47.4#

