

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030432.D
 Acq On : 07 Apr 2023 10:51
 Operator : SY/MD
 Sample : 02194-10DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW7DL

Quant Time: Apr 10 03:53:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

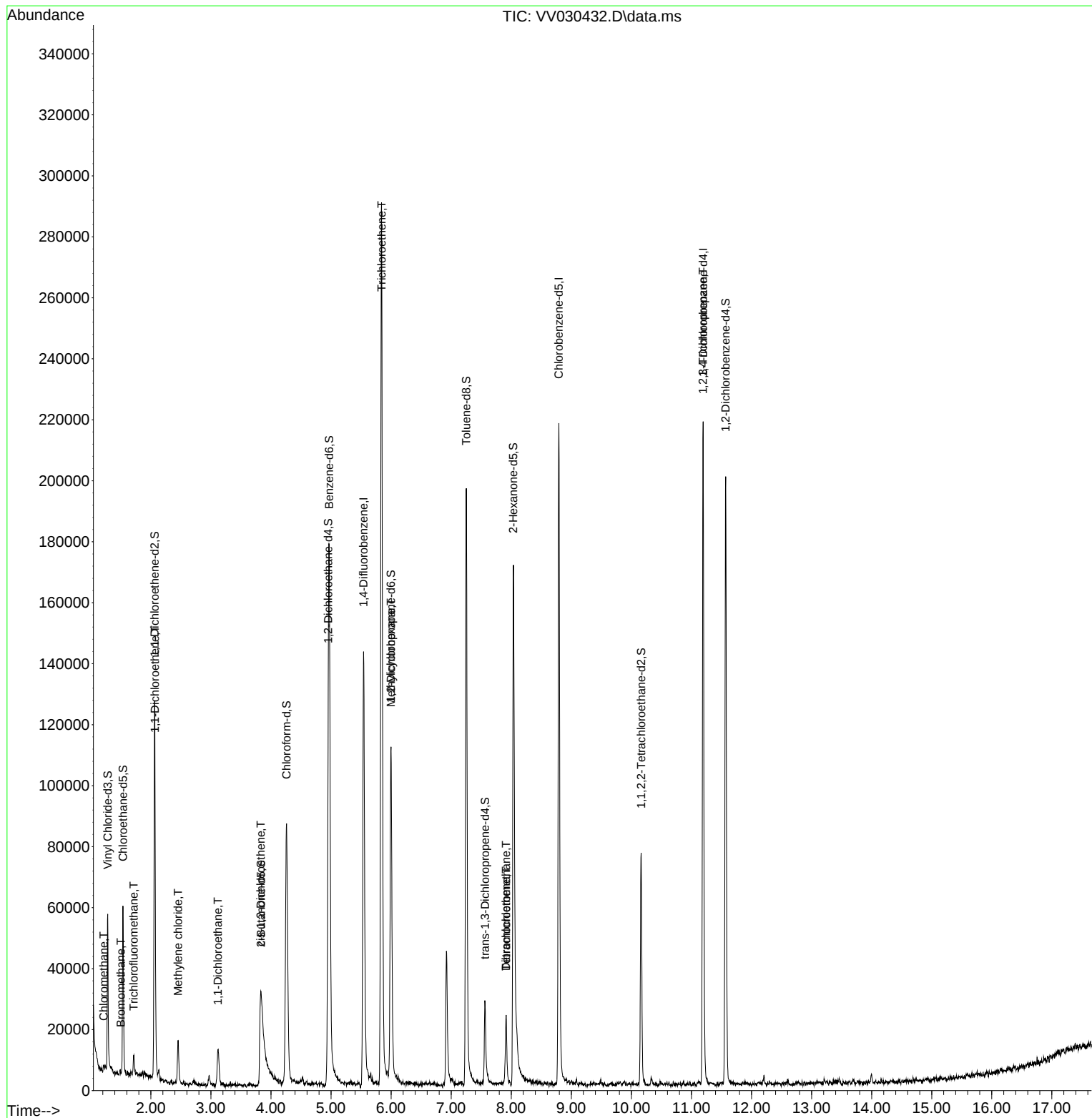
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120494	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33959	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.536	69	35715	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.063	63	63439	3.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.834	46	84506	40.969	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.940%
24) Chloroform-d	4.259	84	89928	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.953	65	43836	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.969	84	157715	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.998	67	50366	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.249	98	135555	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.564	79	16022	4.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.034	63	66137	41.414	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34493	4.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	51994	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1945	0.101	ug/L	92
6) Bromomethane	1.500	94	330	0.082	ug/L	84
9) Trichlorofluoromethane	1.716	101	3545	0.173	ug/L	98
12) 1,1-Dichloroethene	2.069	96	3091	0.307	ug/L #	1
16) Methylene chloride	2.455	84	5886	0.494	ug/L	95
19) 1,1-Dichloroethane	3.117	63	11755	0.572	ug/L	97
22) cis-1,2-Dichloroethene	3.831	96	1227	0.115	ug/L	96
34) Trichloroethene	5.841	95	98217	8.569	ug/L	96
35) Methylcyclohexane	5.995	83	13070	0.727	ug/L #	17
47) Tetrachloroethene	7.915	164	4931	0.487	ug/L	91
49) Dibromochloromethane	7.915	129	4598	0.503	ug/L #	12
61) 1,2,3-Trichloropropane	11.191	75	6842	1.310	ug/L #	67

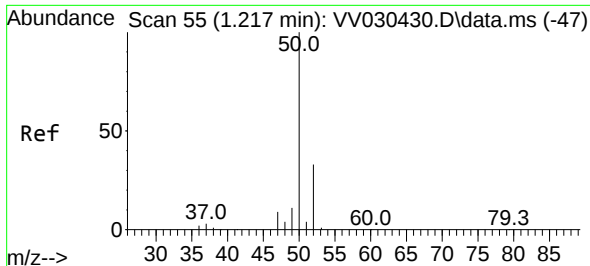
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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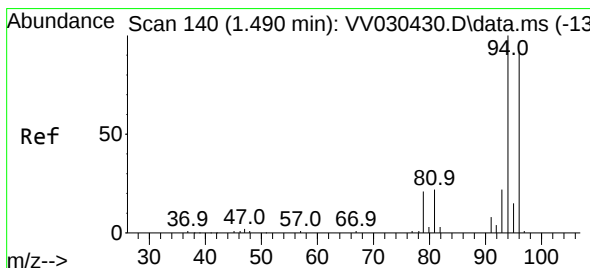
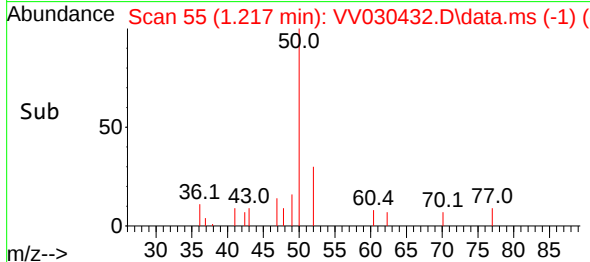
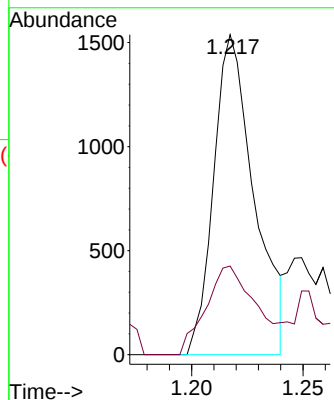
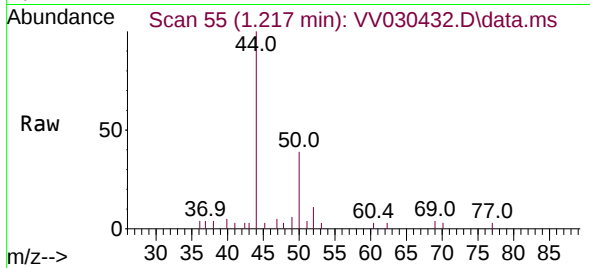




#3
Chloromethane
Concen: 0.101 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

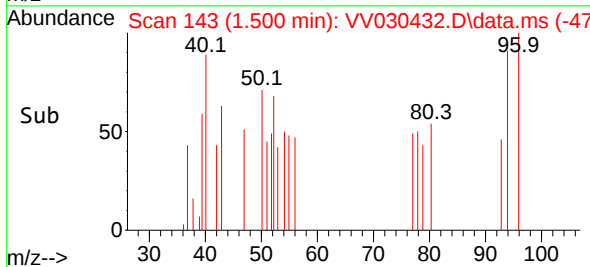
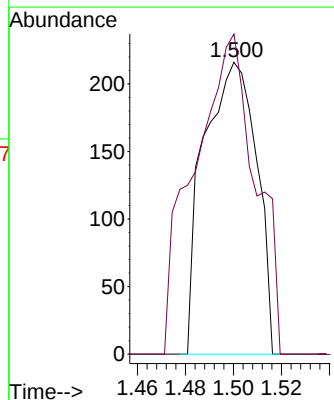
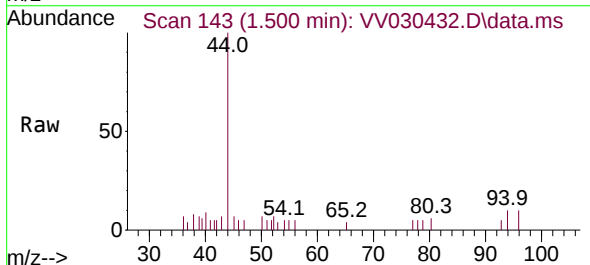
Instrument :
MSVOA_V
ClientSampleId :
BHDW7DL

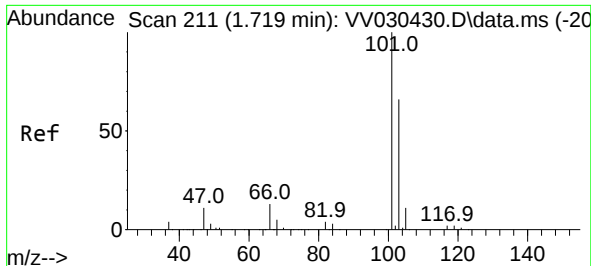
Tgt Ion: 50 Resp: 1945
Ion Ratio Lower Upper
50 100
52 27.7 22.3 41.5



#6
Bromomethane
Concen: 0.082 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 109.7 66.1 122.7

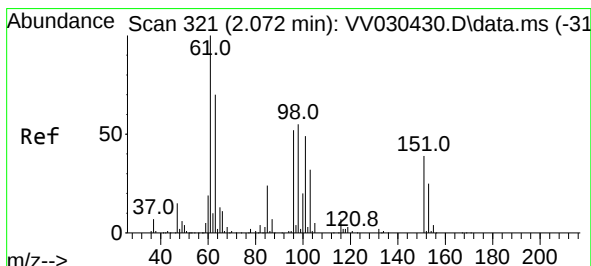
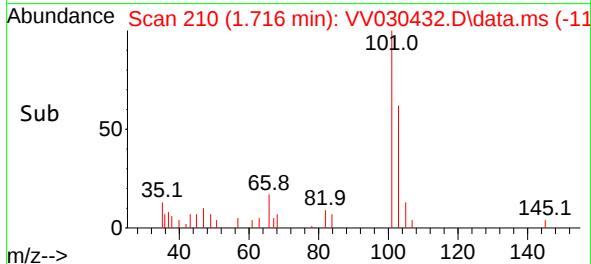
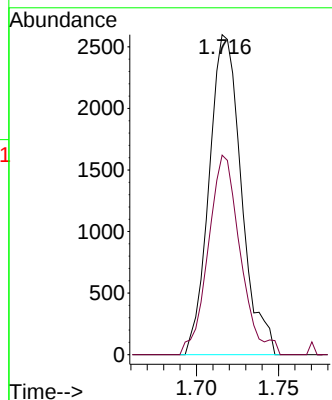
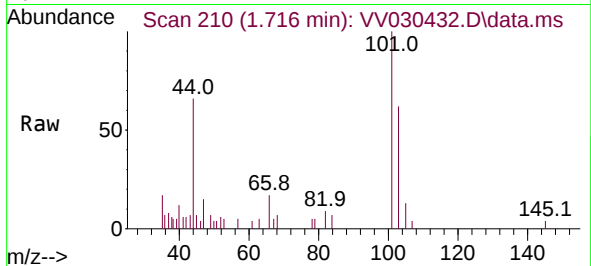




#9
 Trichlorofluoromethane
 Concen: 0.173 ug/L
 RT: 1.716 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VV030432.D
 Acq: 07 Apr 2023 10:51

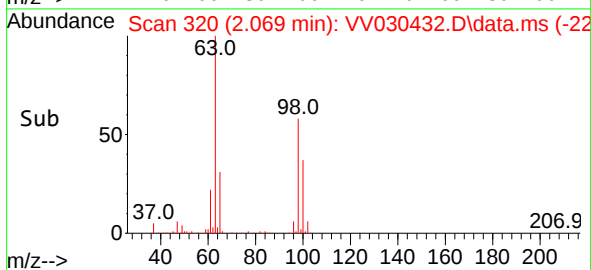
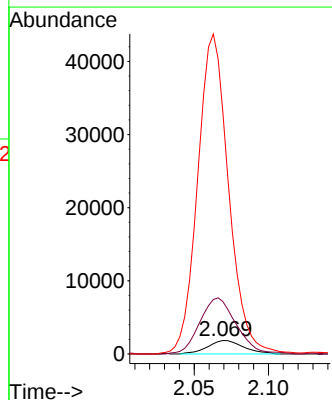
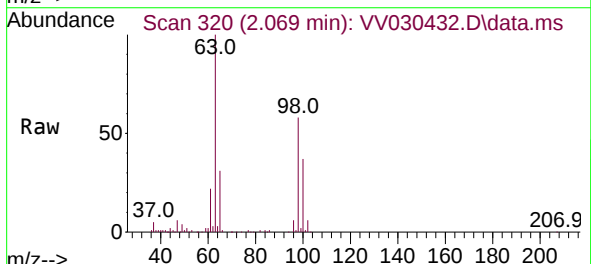
Instrument :
 MSVOA_V
 ClientSampleId :
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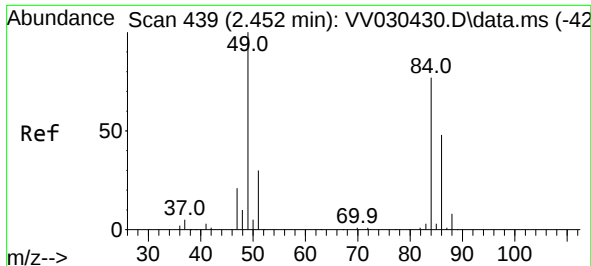
Tgt Ion:101 Resp: 3545
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 0.307 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV030432.D
 Acq: 07 Apr 2023 10:51

Tgt Ion: 96 Resp: 3091
 Ion Ratio Lower Upper
 96 100
 61 387.9 136.3 253.1#
 63 1790.2 92.1 171.1#

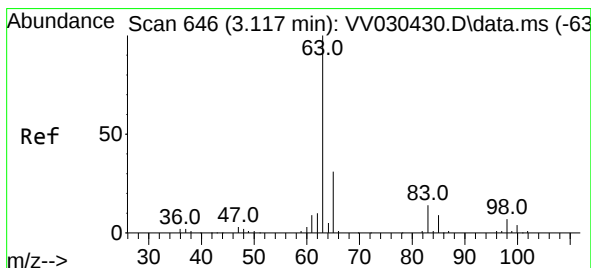
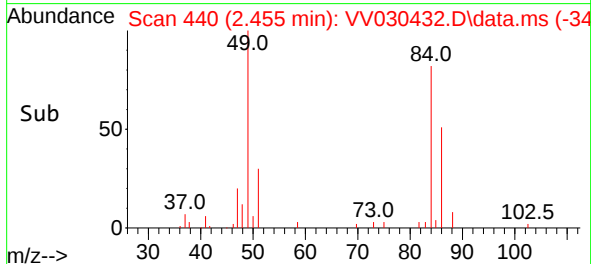
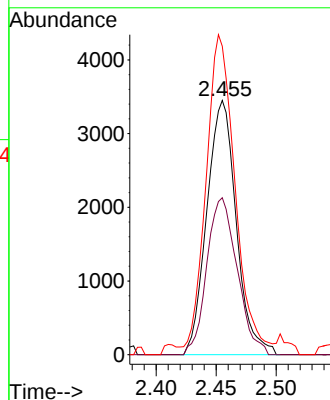
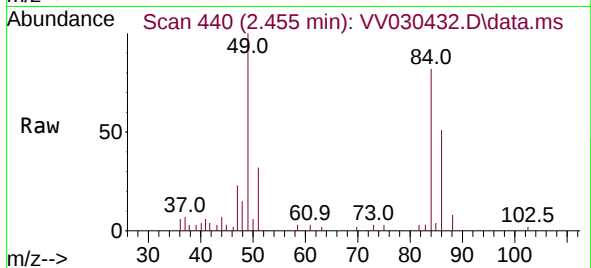




#16
Methylene chloride
Concen: 0.494 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

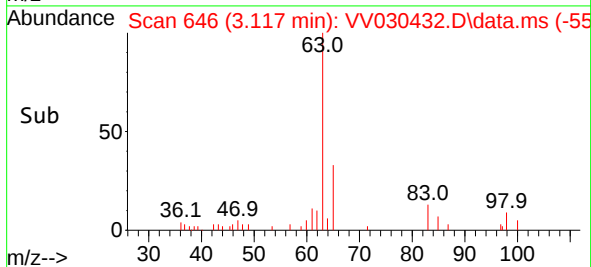
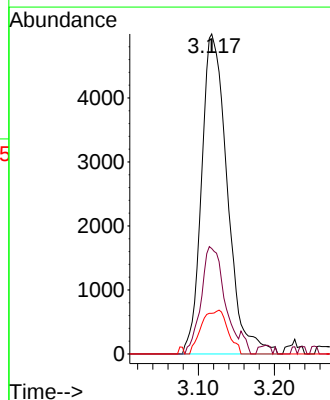
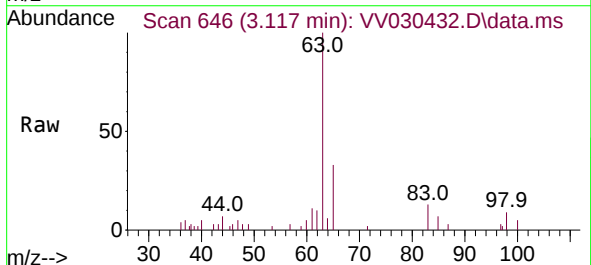
Instrument :
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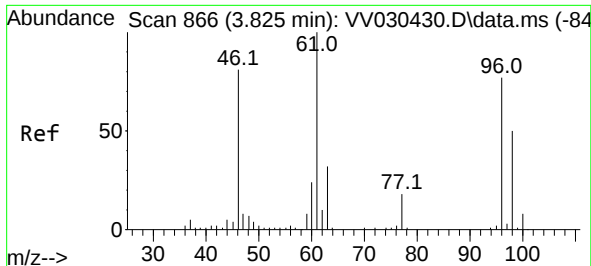
Tgt Ion: 84 Resp: 5886
Ion Ratio Lower Upper
84 100
86 61.8 44.0 81.6
49 121.3 90.6 168.3



#19
1,1-Dichloroethane
Concen: 0.572 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

Tgt Ion: 63 Resp: 11755
Ion Ratio Lower Upper
63 100
65 33.0 21.7 40.3
83 12.7 9.1 16.9

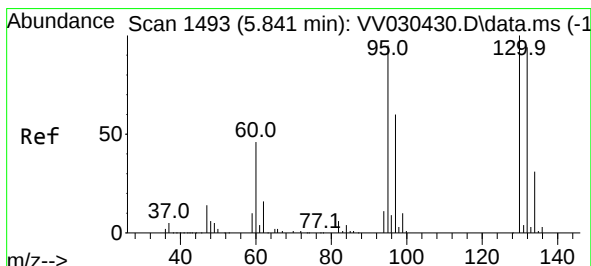
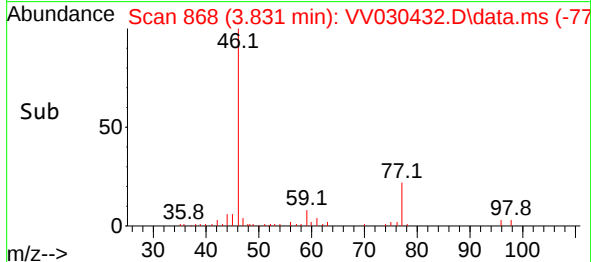
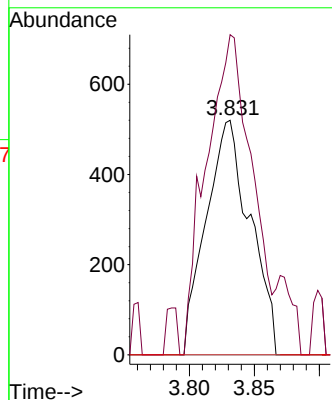
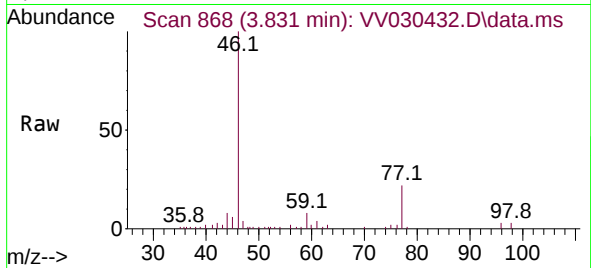




#22
 cis-1,2-Dichloroethene
 Concen: 0.115 ug/L
 RT: 3.831 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV030432.D
 Acq: 07 Apr 2023 10:51

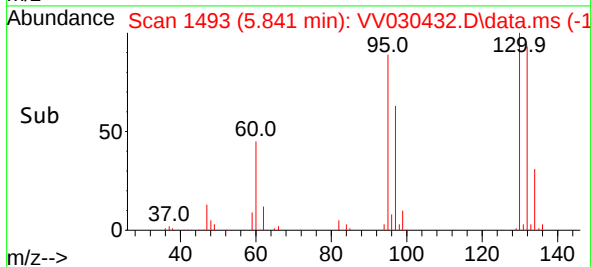
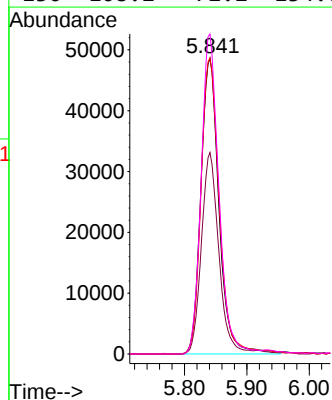
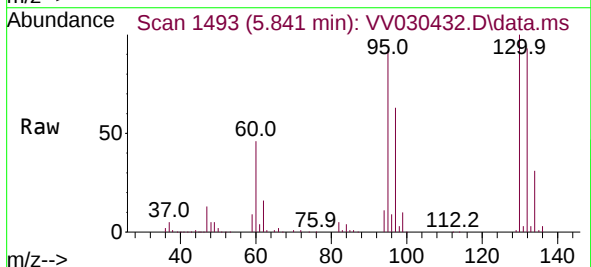
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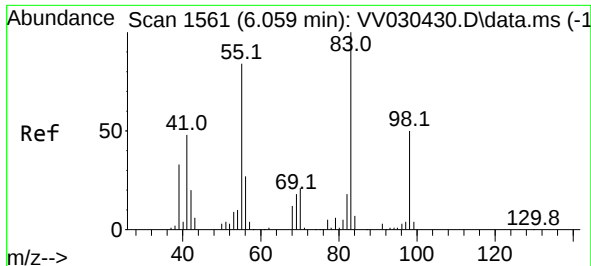
Tgt Ion: 96 Resp: 1227
 Ion Ratio Lower Upper
 96 100
 61 136.5 92.0 170.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 8.569 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VV030432.D
 Acq: 07 Apr 2023 10:51

Tgt Ion: 95 Resp: 98217
 Ion Ratio Lower Upper
 95 100
 97 68.1 44.2 82.2
 132 100.1 69.5 129.1
 130 108.2 72.2 134.0

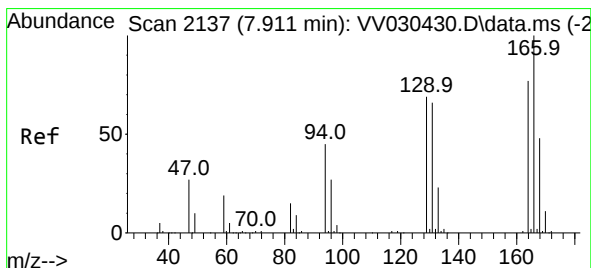
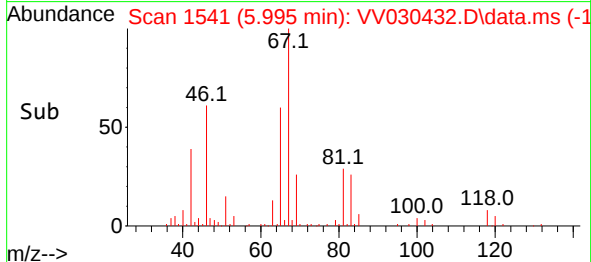
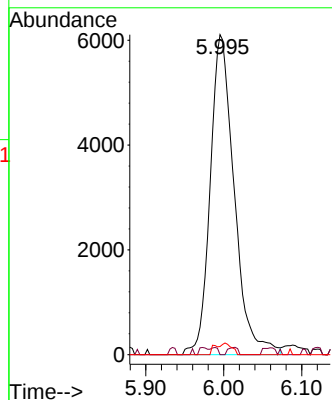
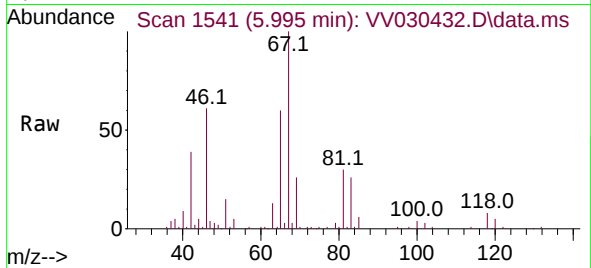




#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

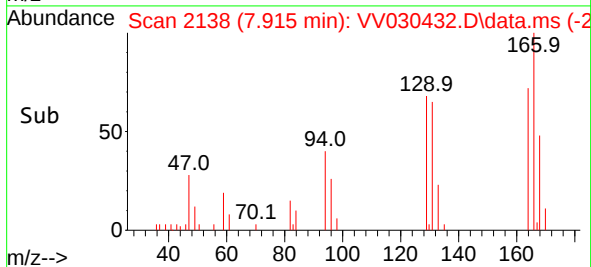
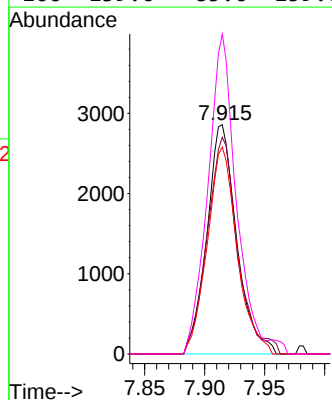
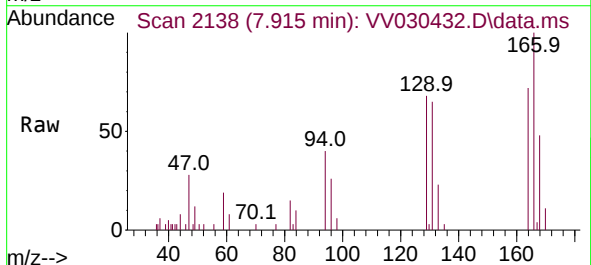
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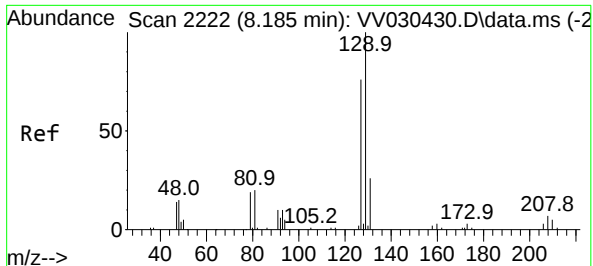
Tgt Ion: 83 Resp: 13070
Ion Ratio Lower Upper
83 100
55 0.9 66.6 100.0#
98 1.7 38.6 58.0#



#47
Tetrachloroethene
Concen: 0.487 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030432.D
Acq: 07 Apr 2023 10:51

Tgt Ion:164 Resp: 4931
Ion Ratio Lower Upper
164 100
129 94.5 60.8 112.8
131 90.2 61.7 114.7
166 139.6 85.6 159.0





#49

Dibromochloromethane

Concen: 0.503 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030432.D

Acq: 07 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

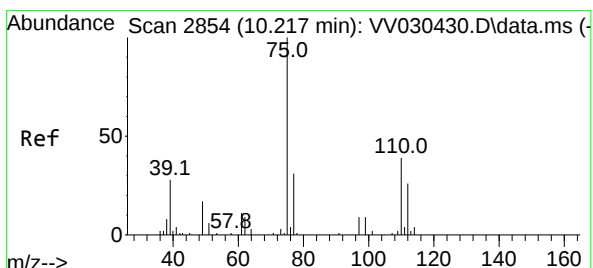
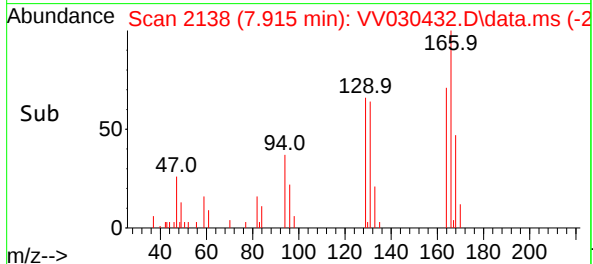
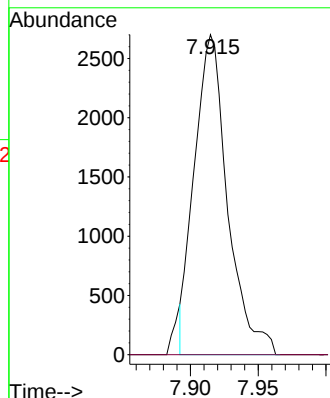
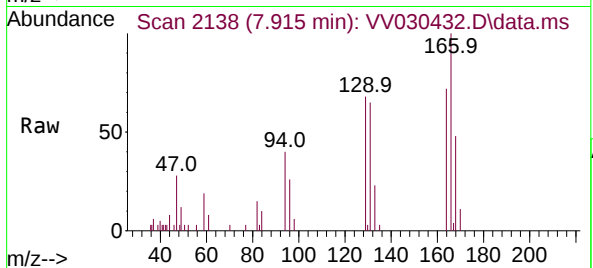
BHDW7DL

Tgt Ion:129 Resp: 4598

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.310 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030432.D

Acq: 07 Apr 2023 10:51

Tgt Ion: 75 Resp: 6842

Ion Ratio Lower Upper

75 100

77 34.8 26.0 39.0

110 4.2 31.6 47.4#

