

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030538.D
 Acq On : 13 Apr 2023 12:24
 Operator : SY/MD
 Sample : 02250-05DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx6DL

Quant Time: Apr 14 05:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

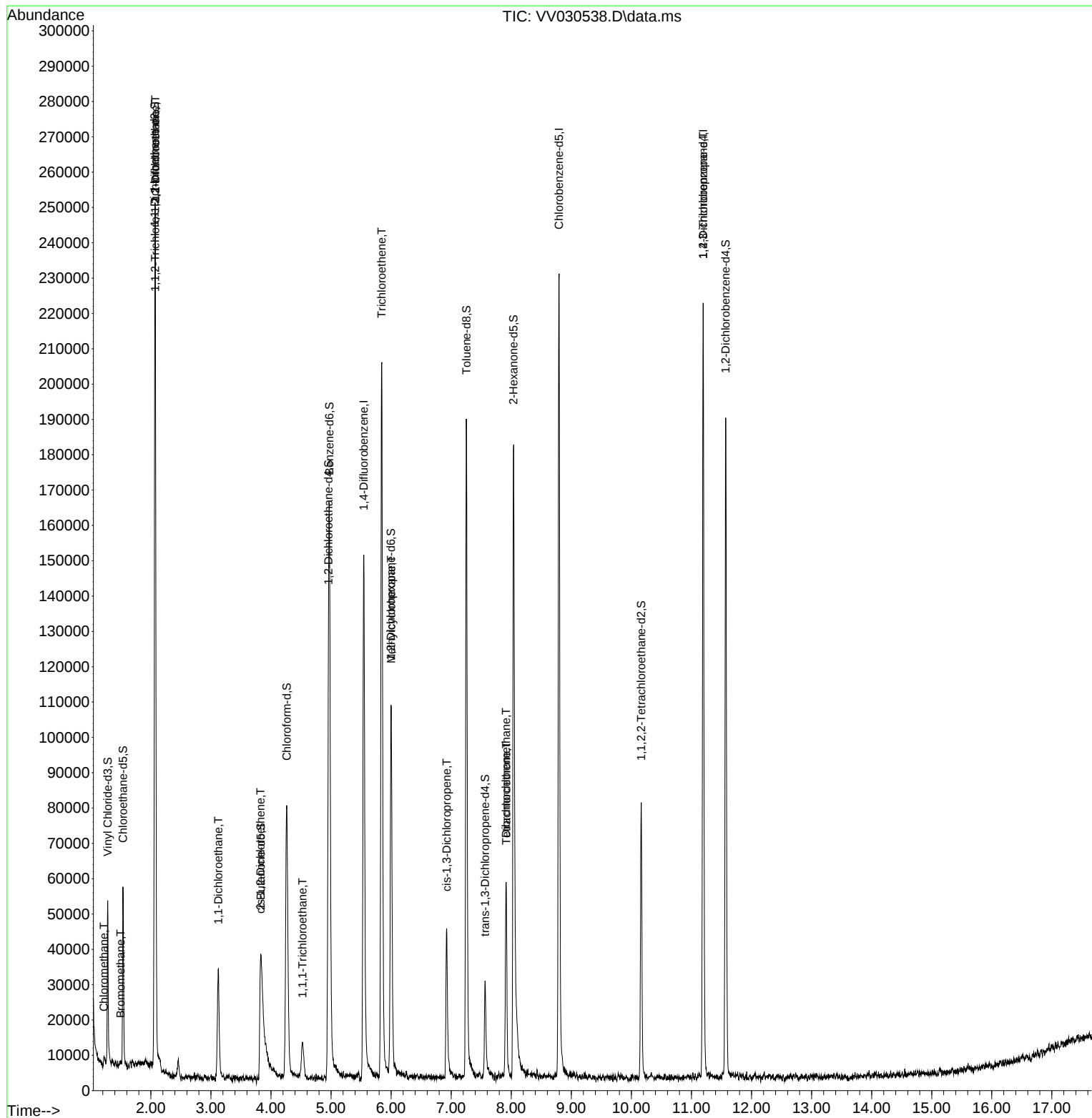
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	126909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30263	3.598	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.535	69	31368	3.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.066	63	86831	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.831	46	83255	38.293	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.580%
24) Chloroform-d	4.262	84	82958	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	4.956	65	43084	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	4.973	84	143568	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.998	67	47305	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.252	98	123950	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.564	79	15821	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.037	63	66676	39.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35024	3.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	48551	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
3) Chloromethane	1.220	50	1906	0.094	ug/L #	82
6) Bromomethane	1.497	94	466	0.110	ug/L	77
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4614	0.386	ug/L	99
12) 1,1-Dichloroethene	2.076	96	46815	4.412	ug/L	91
19) 1,1-Dichloroethane	3.124	63	29954	1.382	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	3019	0.269	ug/L	92
29) 1,1,1-Trichloroethane	4.526	97	7749	0.380	ug/L	89
34) Trichloroethene	5.844	95	70586	5.806	ug/L	98
35) Methylcyclohexane	6.001	83	11125	0.583	ug/L #	17
39) cis-1,3-Dichloropropene	6.927	75	1448	0.089	ug/L #	56
47) Tetrachloroethene	7.918	164	12318	1.148	ug/L	96
49) Dibromochloromethane	7.915	129	11444	1.180	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	7043	1.337	ug/L #	66

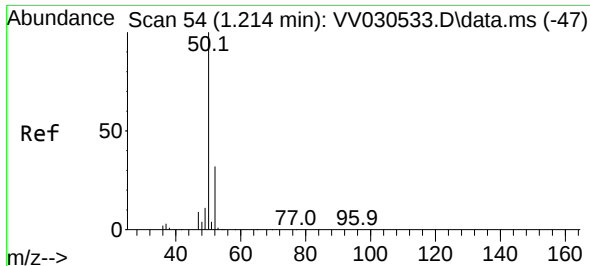
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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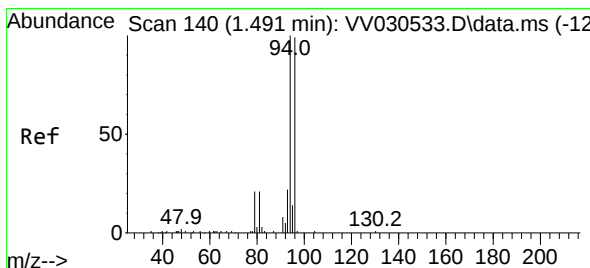
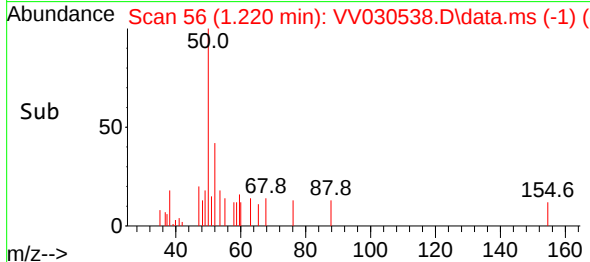
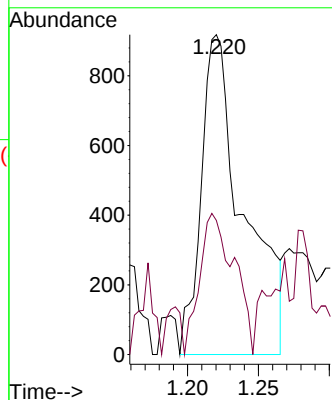
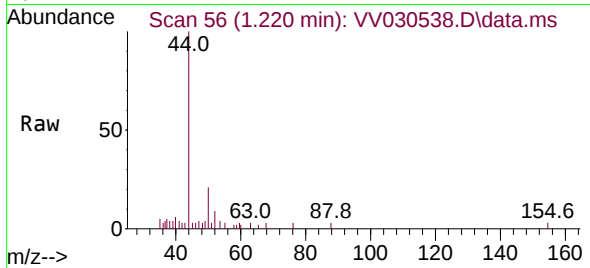




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VV030538.D
Acq: 13 Apr 2023 12:24

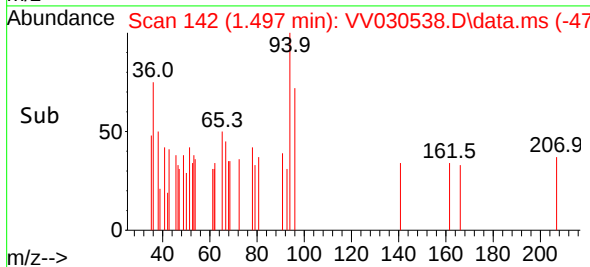
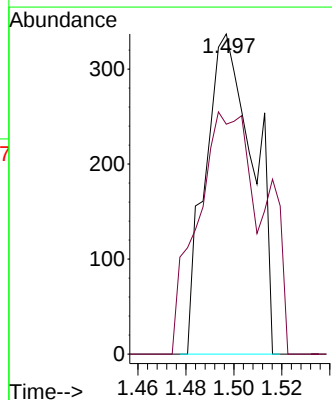
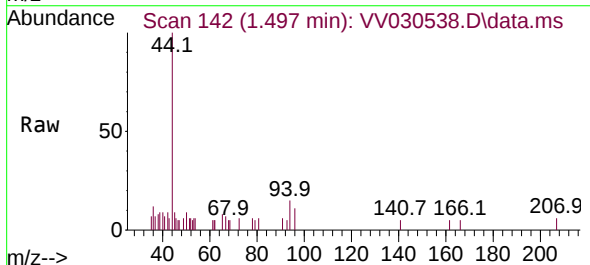
Instrument :
MSVOA_V
ClientSampleId :
BHD6DL

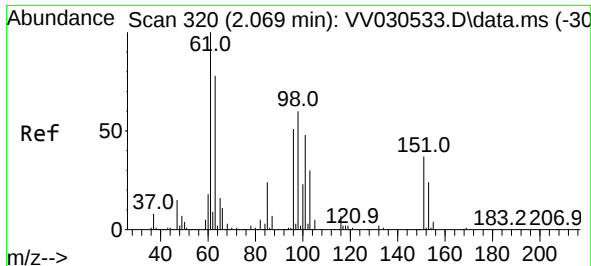
Tgt Ion: 50 Resp: 1906
Ion Ratio Lower Upper
50 100
52 41.9 22.3 41.5#



#6
Bromomethane
Concen: 0.110 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030538.D
Acq: 13 Apr 2023 12:24

Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 71.8 66.1 122.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.386 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

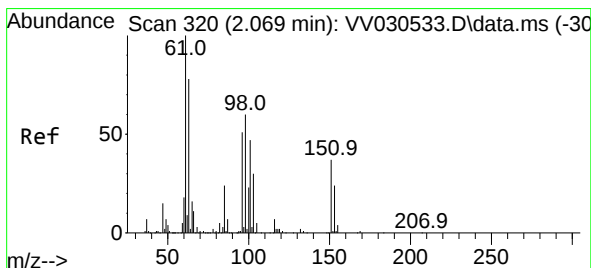
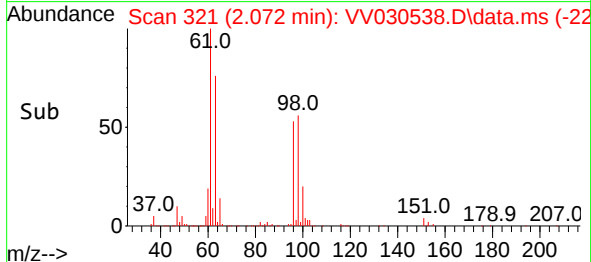
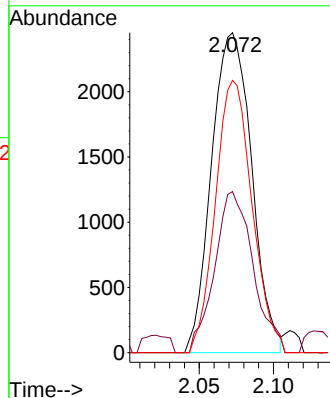
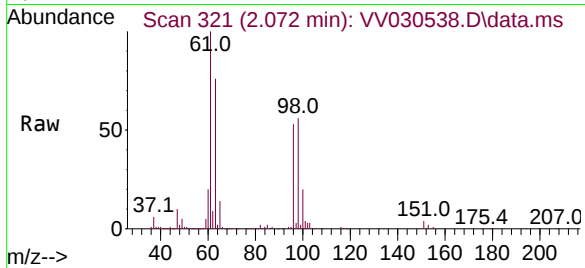
Tgt Ion:101 Resp: 4614

Ion Ratio Lower Upper

101 100

85 48.1 38.1 57.1

151 77.8 62.7 94.1



#12

1,1-Dichloroethene

Concen: 4.412 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

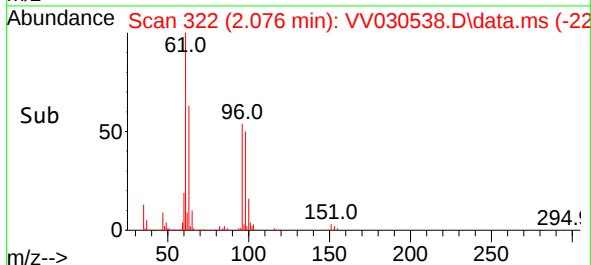
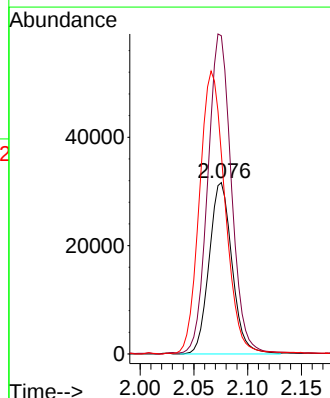
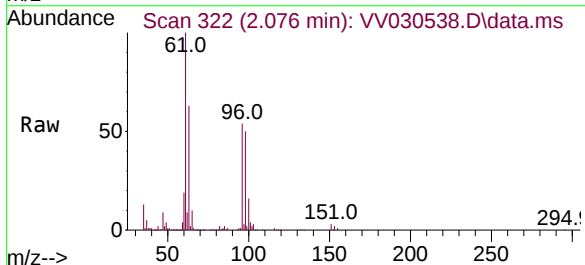
Tgt Ion: 96 Resp: 46815

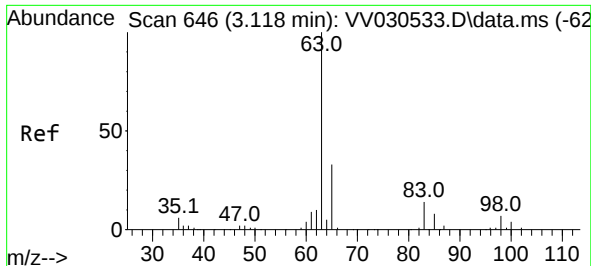
Ion Ratio Lower Upper

96 100

61 185.7 136.3 253.1

63 116.9 92.1 171.1





#19

1,1-Dichloroethane

Concen: 1.382 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

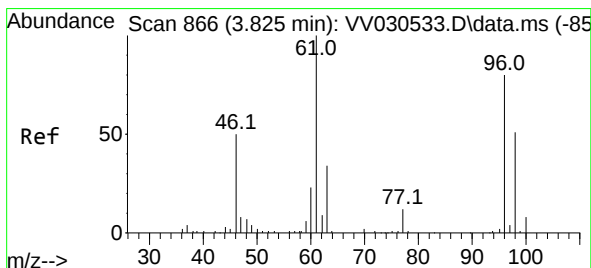
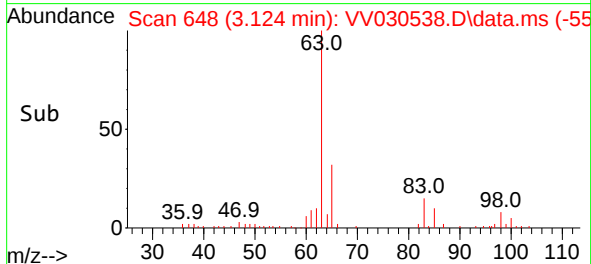
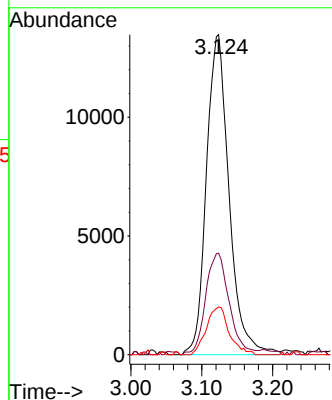
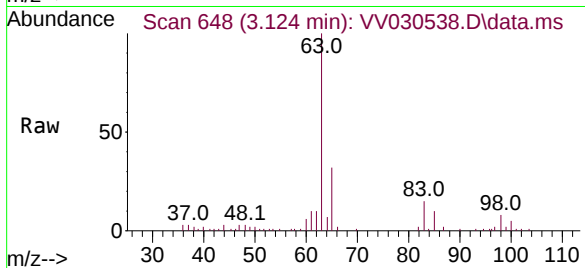
Tgt Ion: 63 Resp: 29954

Ion Ratio Lower Upper

63 100

65 31.7 21.7 40.3

83 14.9 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.269 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

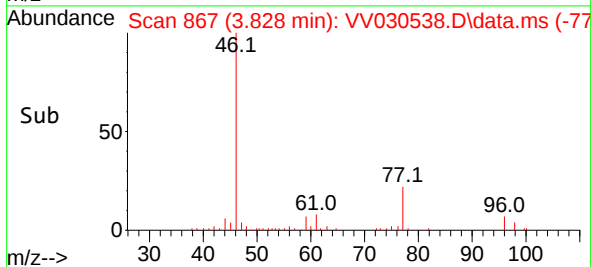
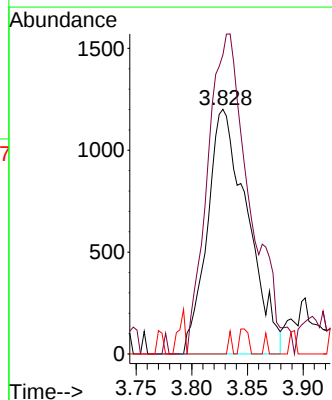
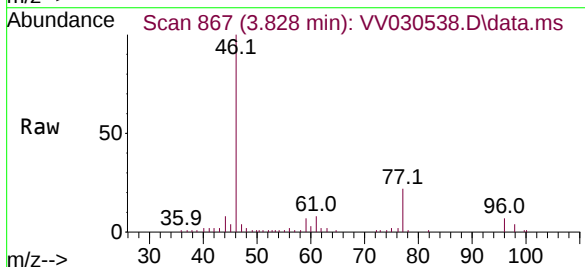
Tgt Ion: 96 Resp: 3019

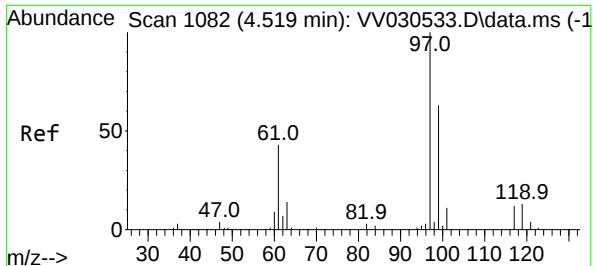
Ion Ratio Lower Upper

96 100

61 122.3 92.0 170.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.380 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

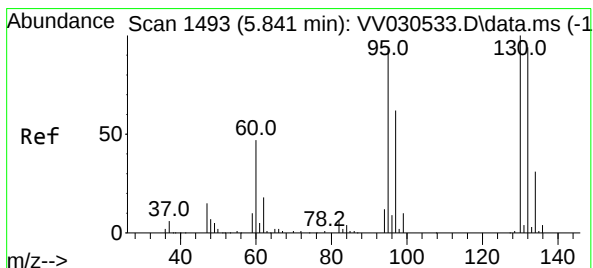
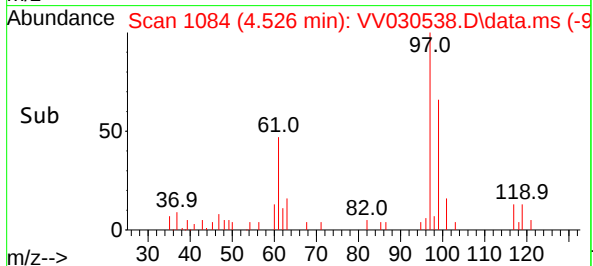
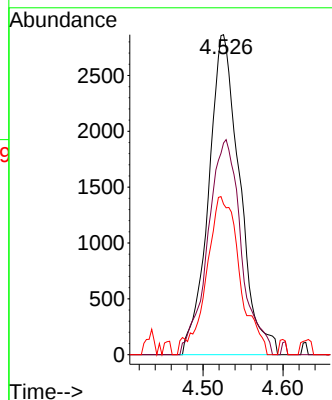
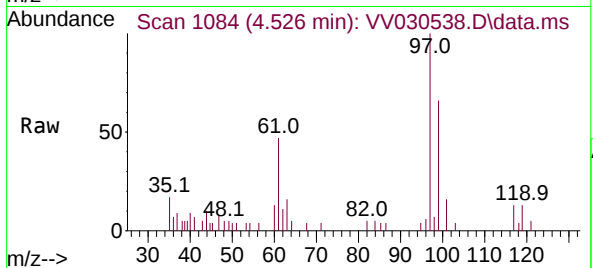
Tgt Ion: 97 Resp: 7749

Ion Ratio Lower Upper

97 100

99 71.9 50.9 76.3

61 52.8 35.9 53.9



#34

Trichloroethene

Concen: 5.806 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Tgt Ion: 95 Resp: 70586

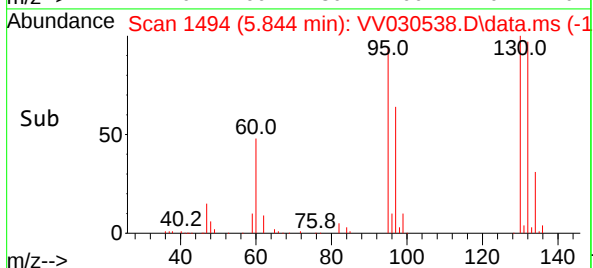
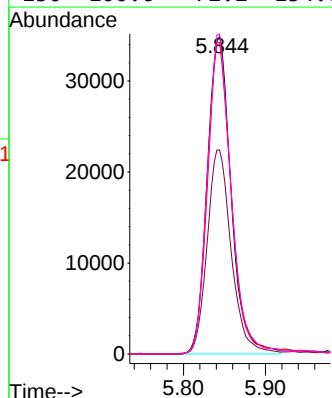
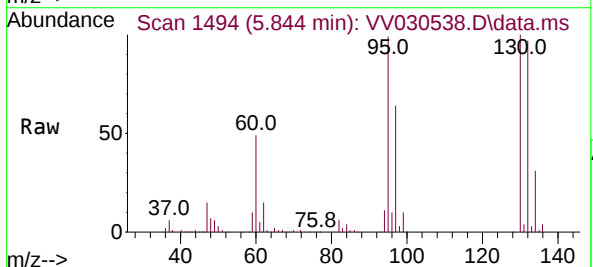
Ion Ratio Lower Upper

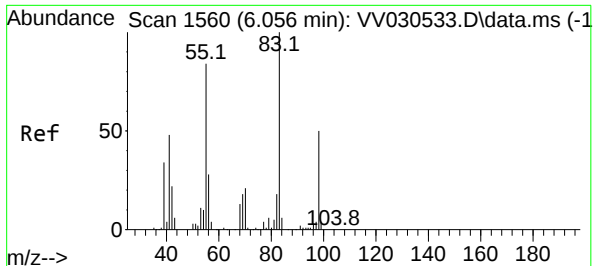
95 100

97 64.2 44.2 82.2

132 97.9 69.5 129.1

130 100.6 72.2 134.0

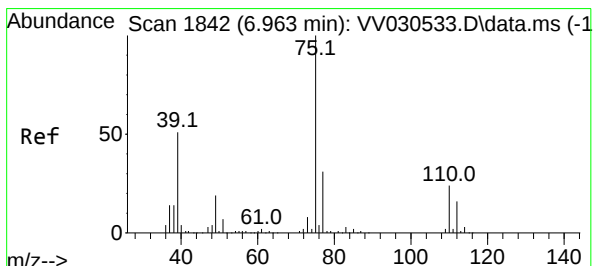
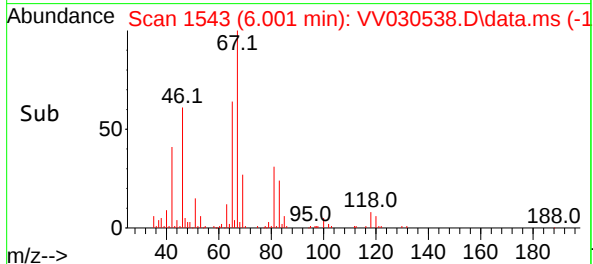
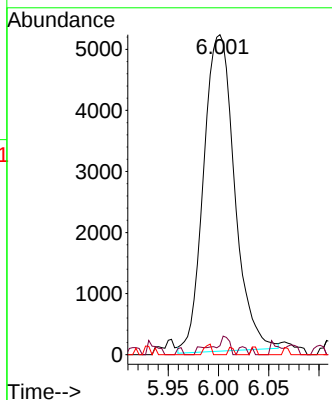
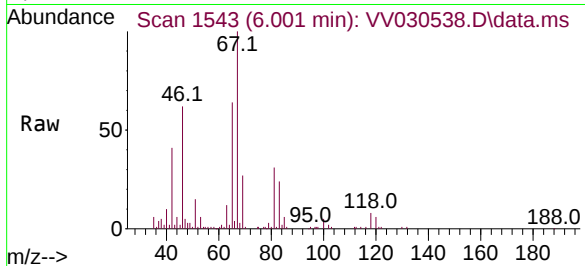




#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 6.001 min Scan# 11125
Delta R.T. -0.055 min
Lab File: VV030538.D
Acq: 13 Apr 2023 12:24

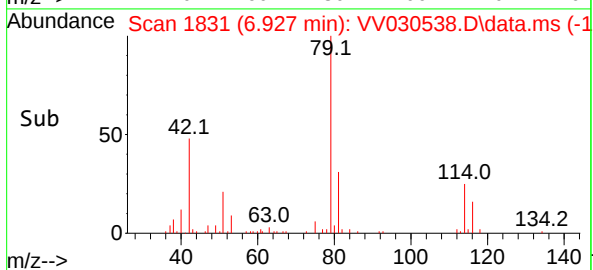
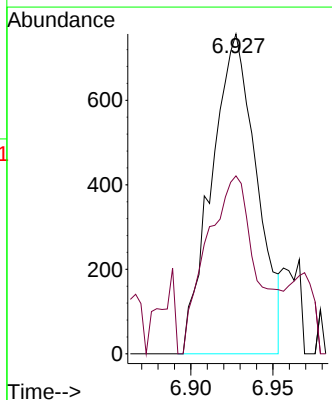
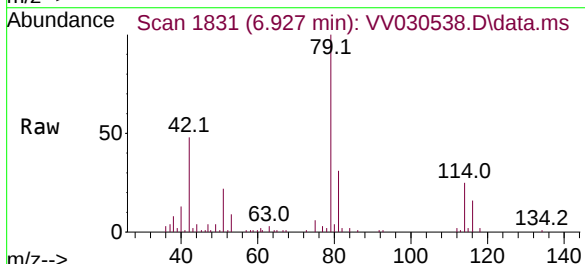
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BHD6DL

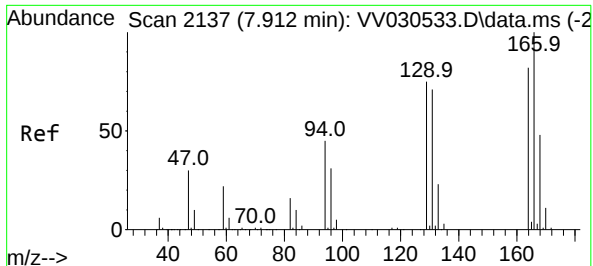
Tgt Ion: 83 Resp: 11125
Ion Ratio Lower Upper
83 100
55 1.7 66.6 100.0#
98 0.7 38.6 58.0#



#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.927 min Scan# 1831
Delta R.T. -0.036 min
Lab File: VV030538.D
Acq: 13 Apr 2023 12:24

Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
77 55.6 22.0 41.0#





#47

Tetrachloroethene

Concen: 1.148 ug/L

RT: 7.918 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

Tgt Ion:164 Resp: 12318

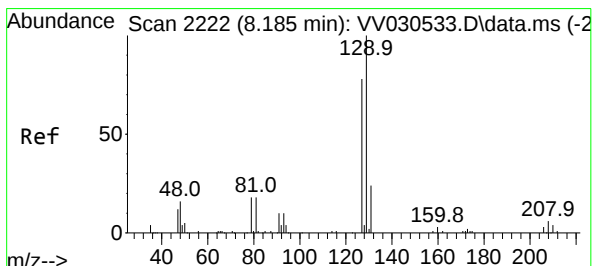
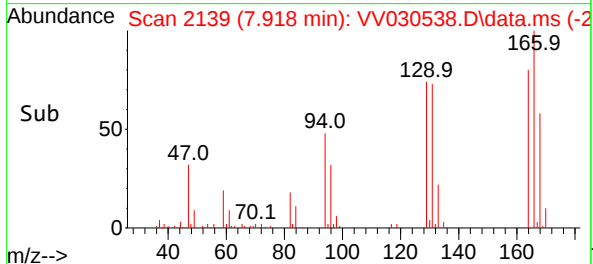
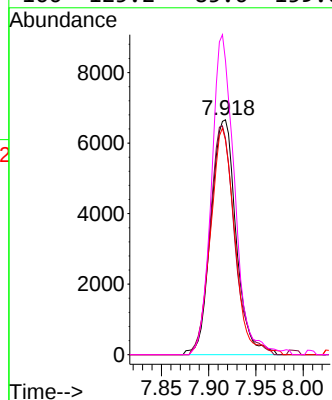
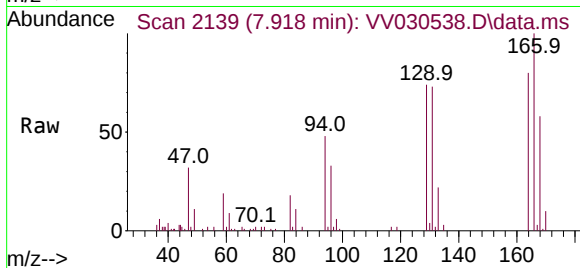
Ion Ratio Lower Upper

164 100

129 92.0 60.8 112.8

131 91.4 61.7 114.7

166 125.2 85.6 159.0



#49

Dibromochloromethane

Concen: 1.180 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030538.D

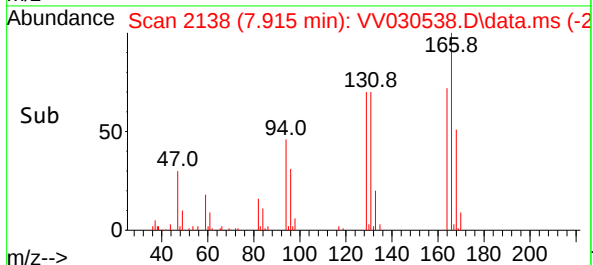
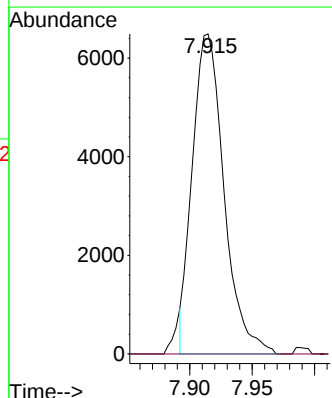
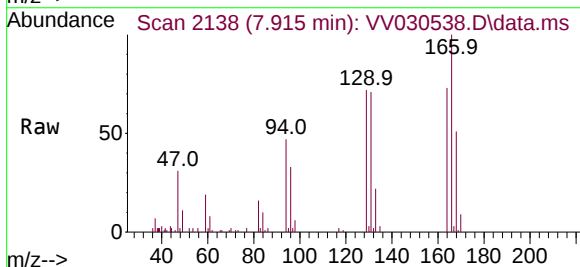
Acq: 13 Apr 2023 12:24

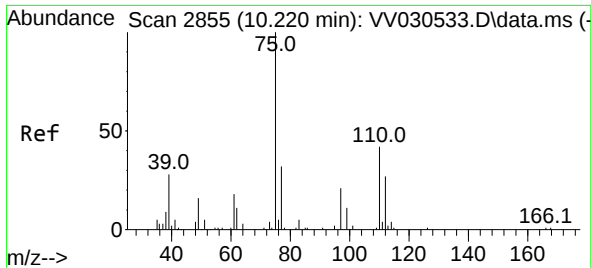
Tgt Ion:129 Resp: 11444

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.337 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030538.D
 Acq: 13 Apr 2023 12:24

Instrument :
 MSVOA_V
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 BHD6DL

Tgt Ion: 75 Resp: 7043
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.0 39.0
 110 4.7 31.6 47.4#

