

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030568.D
 Acq On : 14 Apr 2023 13:14
 Operator : SY/MD
 Sample : 02275-06DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ2DL

Quant Time: Apr 15 01:58:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

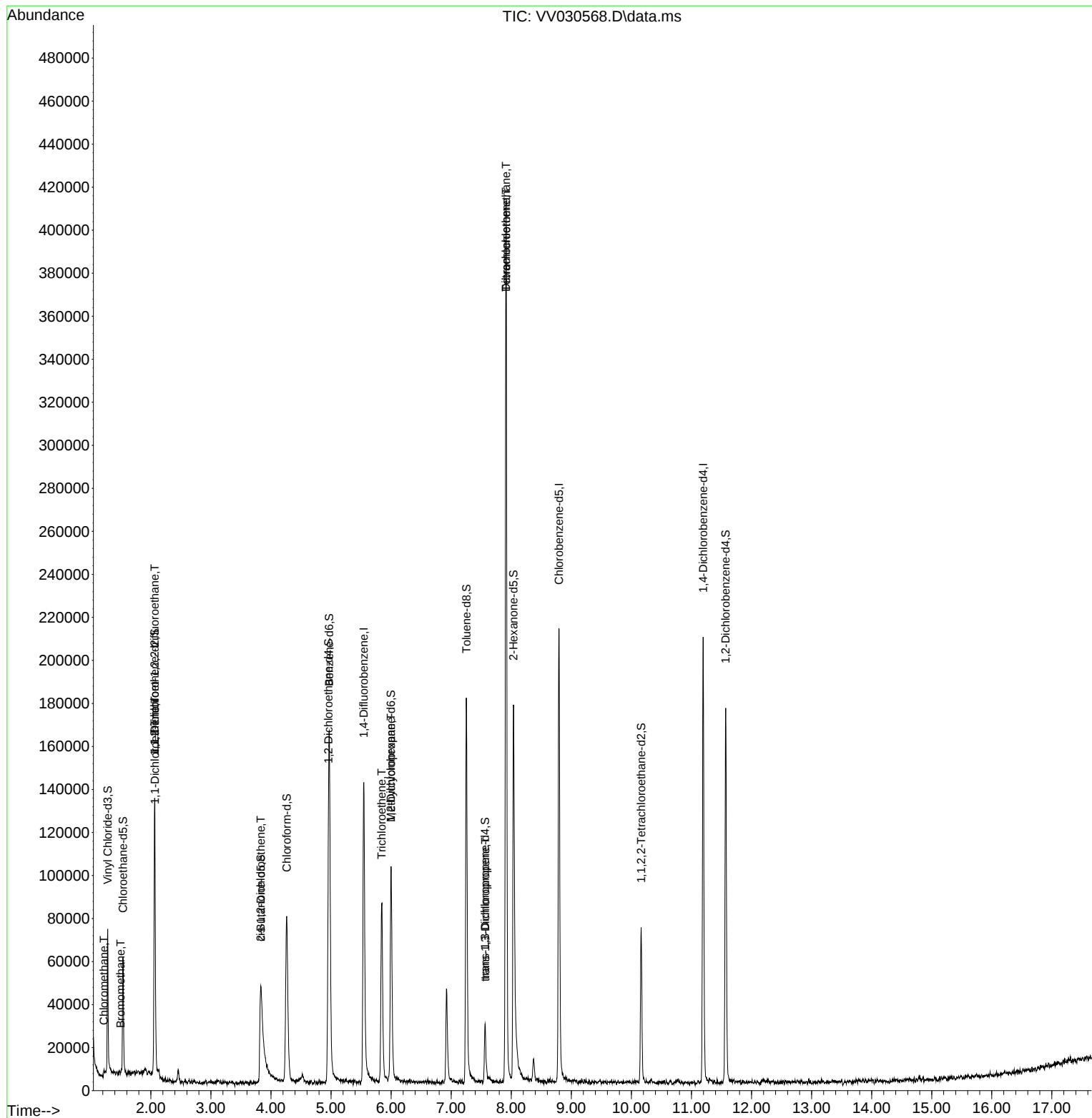
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	116238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43451	5.477	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.600%	
7) Chloroethane-d5	1.536	69	35141	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.063	63	66585	3.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.831	46	81384	39.691	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.380%	
24) Chloroform-d	4.262	84	80121	4.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	4.957	65	42996	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	4.970	84	138019	4.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	5.998	67	45702	4.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.252	98	119364	3.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	7.564	79	16485	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.037	63	65490	42.212	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.420%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32506	4.022	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.400%	
66) 1,2-Dichlorobenzene-d4	11.571	152	44395	4.508	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1881	0.098	ug/L	99
6) Bromomethane	1.497	94	331	0.083	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2326	0.206	ug/L #	81
12) 1,1-Dichloroethene	2.069	96	2261	0.226	ug/L #	1
22) cis-1,2-Dichloroethene	3.831	96	9098	0.860	ug/L #	97
34) Trichloroethene	5.844	95	28776	2.584	ug/L	98
35) Methylcyclohexane	5.998	83	11286	0.646	ug/L #	17
44) trans-1,3-Dichloropropene	7.567	75	1054	0.083	ug/L	93
47) Tetrachloroethene	7.915	164	89673	9.125	ug/L	96
49) Dibromochloromethane	7.915	129	77302	8.702	ug/L #	12

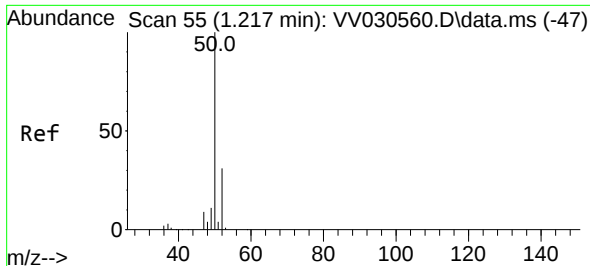
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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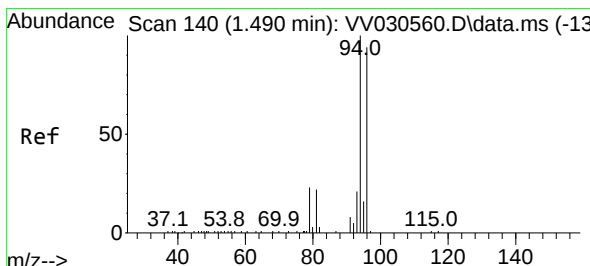
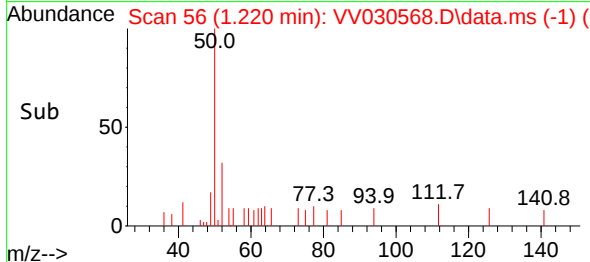
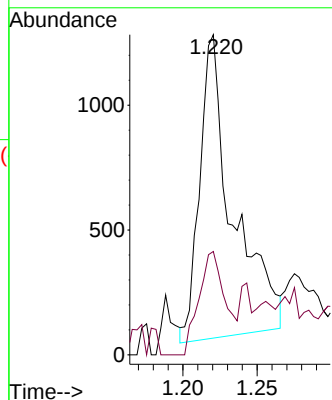
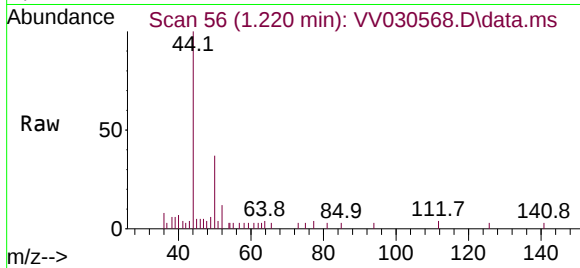




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030568.D
Acq: 14 Apr 2023 13:14

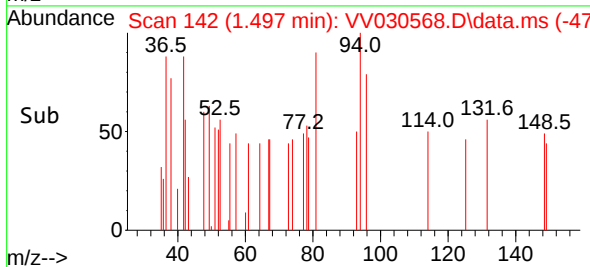
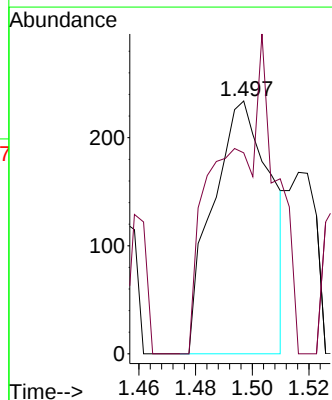
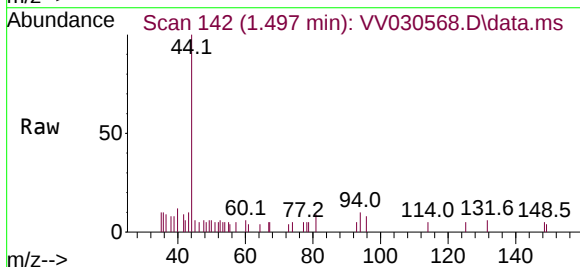
Instrument :
MSVOA_V
ClientSampleId :
BHDZ2DL

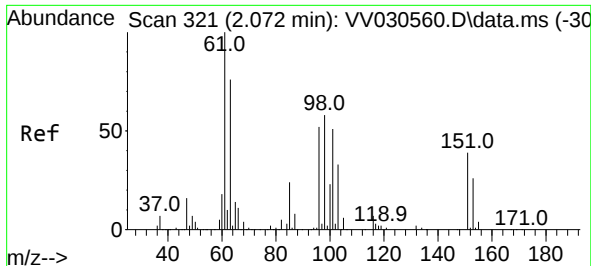
Tgt Ion: 50 Resp: 1881
Ion Ratio Lower Upper
50 100
52 32.3 22.3 41.5



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030568.D
Acq: 14 Apr 2023 13:14

Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 79.5 66.1 122.7





#10

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

Concen: 0.206 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

Instrument :

MSVOA_V

ClientSampleId :

BHDZ2DL

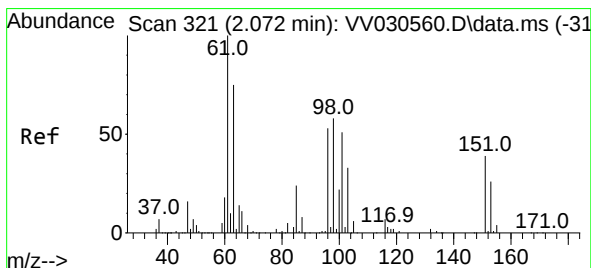
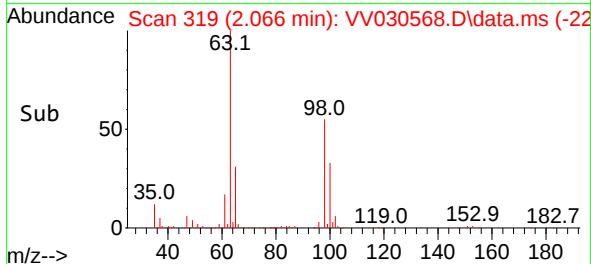
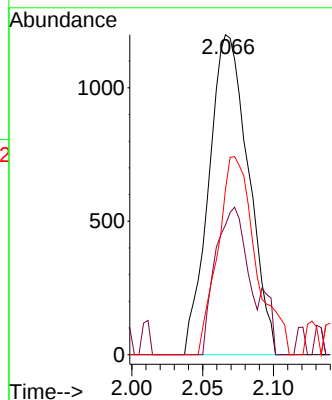
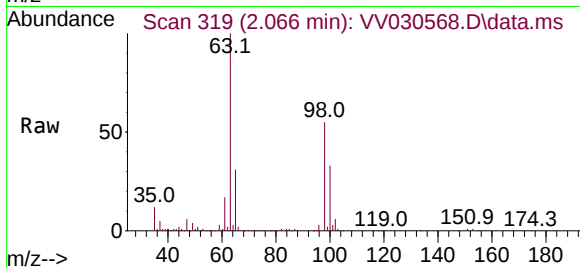
Tgt Ion:101 Resp: 2326

Ion Ratio Lower Upper

101 100

85 37.4 38.1 57.1#

151 59.2 62.7 94.1#



#12

1,1-Dichloroethene

Concen: 0.226 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

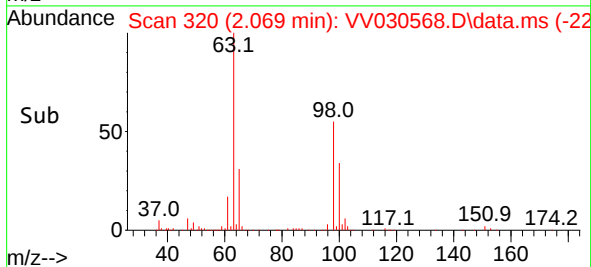
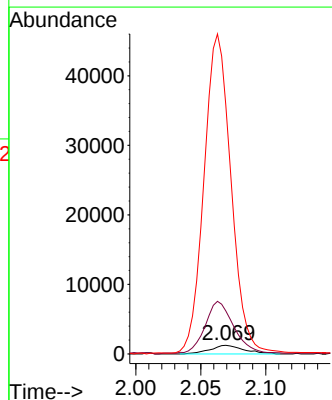
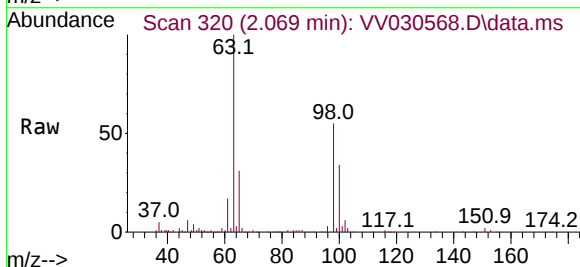
Tgt Ion: 96 Resp: 2261

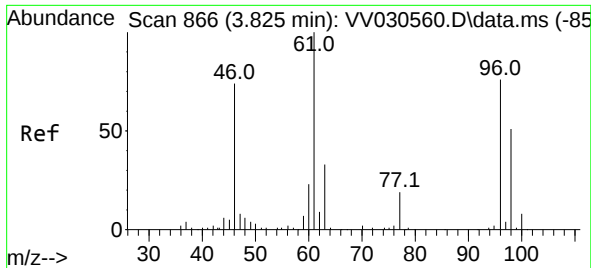
Ion Ratio Lower Upper

96 100

61 495.8 136.3 253.1#

63 2869.2 92.1 171.1#





#22

cis-1,2-Dichloroethene

Concen: 0.860 ug/L

RT: 3.831 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

Instrument :

MSVOA_V

ClientSampleId :

BHDZ2DL

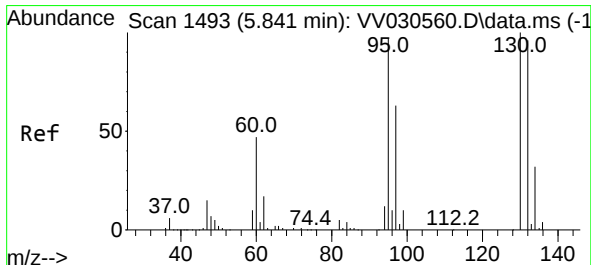
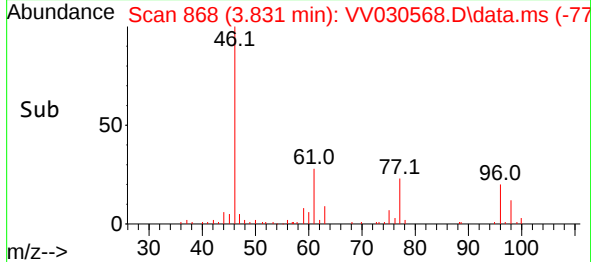
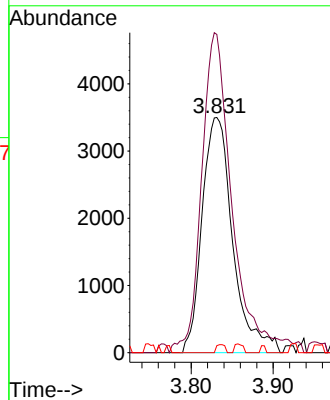
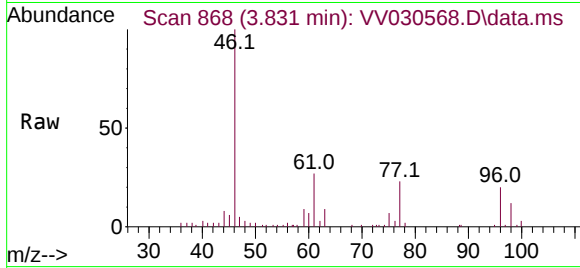
Tgt Ion: 96 Resp: 9098

Ion Ratio Lower Upper

96 100

61 135.3 92.0 170.8

68 3.0 0.0 0.0#



#34

Trichloroethene

Concen: 2.584 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

Tgt Ion: 95 Resp: 28776

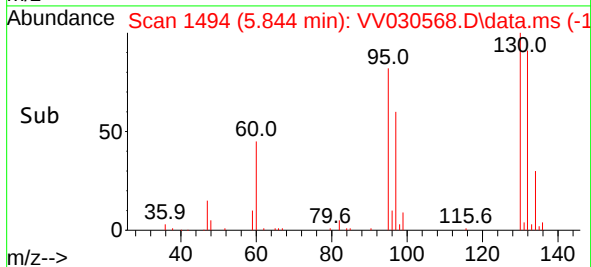
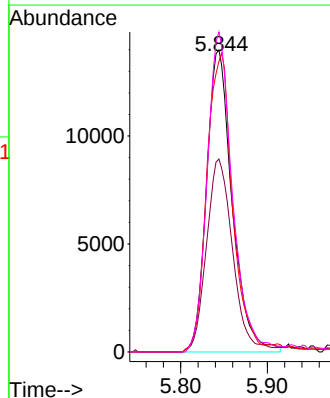
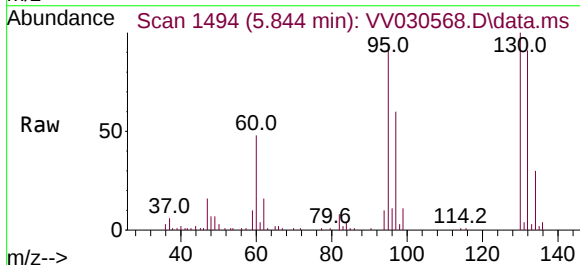
Ion Ratio Lower Upper

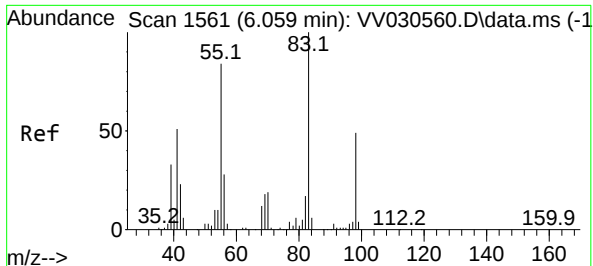
95 100

97 63.8 44.2 82.2

132 96.2 69.5 129.1

130 105.9 72.2 134.0

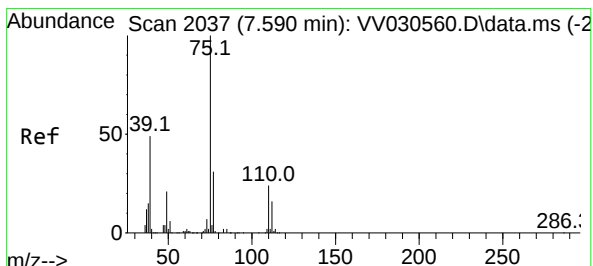
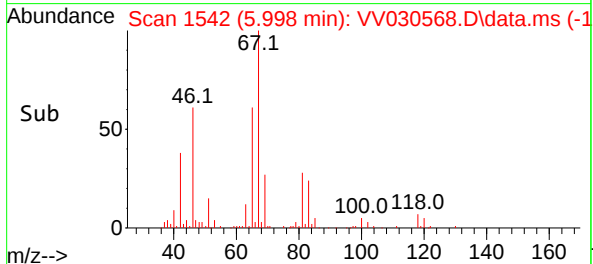
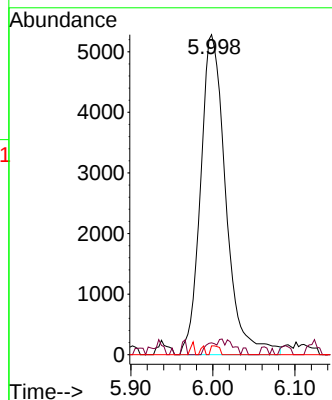
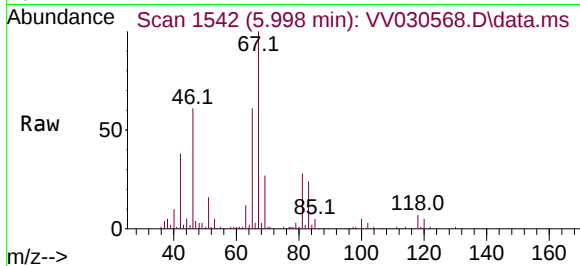




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030568.D
Acq: 14 Apr 2023 13:14

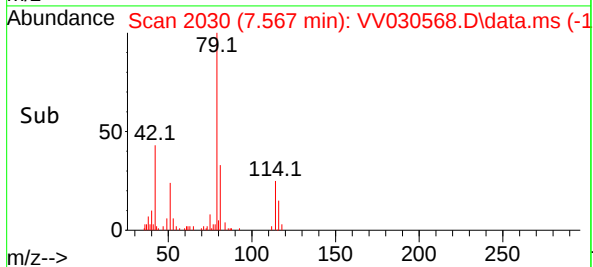
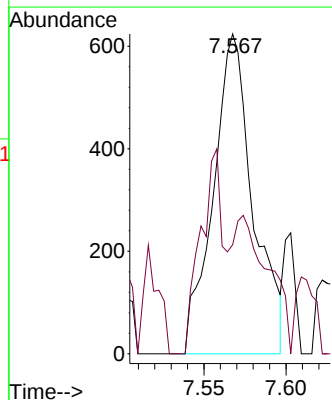
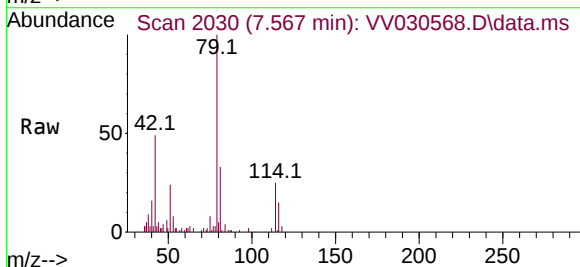
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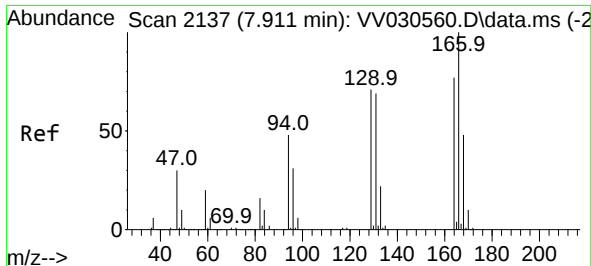
Tgt Ion: 83 Resp: 11286
Ion Ratio Lower Upper
83 100
55 1.7 66.6 100.0#
98 0.9 38.6 58.0#



#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.022 min
Lab File: VV030568.D
Acq: 14 Apr 2023 13:14

Tgt Ion: 75 Resp: 1054
Ion Ratio Lower Upper
75 100
77 34.1 21.2 39.4





#47

Tetrachloroethene

Concen: 9.125 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

Instrument :

MSVOA_V

ClientSampleId :

BHDZ2DL

Tgt Ion:164 Resp: 89673

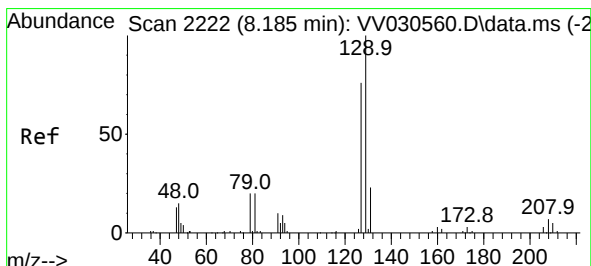
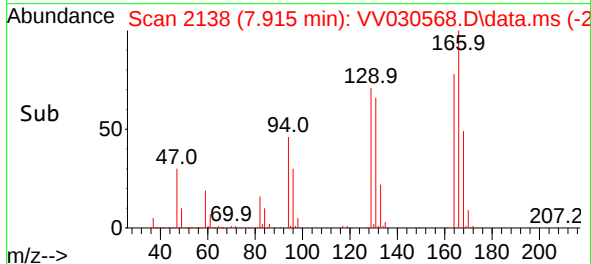
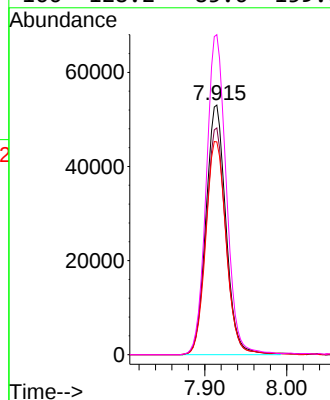
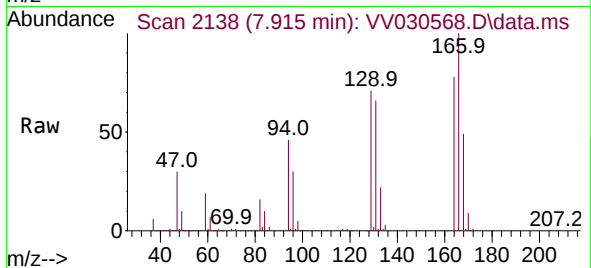
Ion Ratio Lower Upper

164 100

129 90.8 60.8 112.8

131 85.2 61.7 114.7

166 128.2 85.6 159.0



#49

Dibromochloromethane

Concen: 8.702 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030568.D

Acq: 14 Apr 2023 13:14

Tgt Ion:129 Resp: 77302

Ion Ratio Lower Upper

129 100

127 0.3 52.7 97.9#

