

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030573.D
 Acq On : 14 Apr 2023 15:12
 Operator : SY/MD
 Sample : 02275-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ4

Quant Time: Apr 15 02:01:42 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)

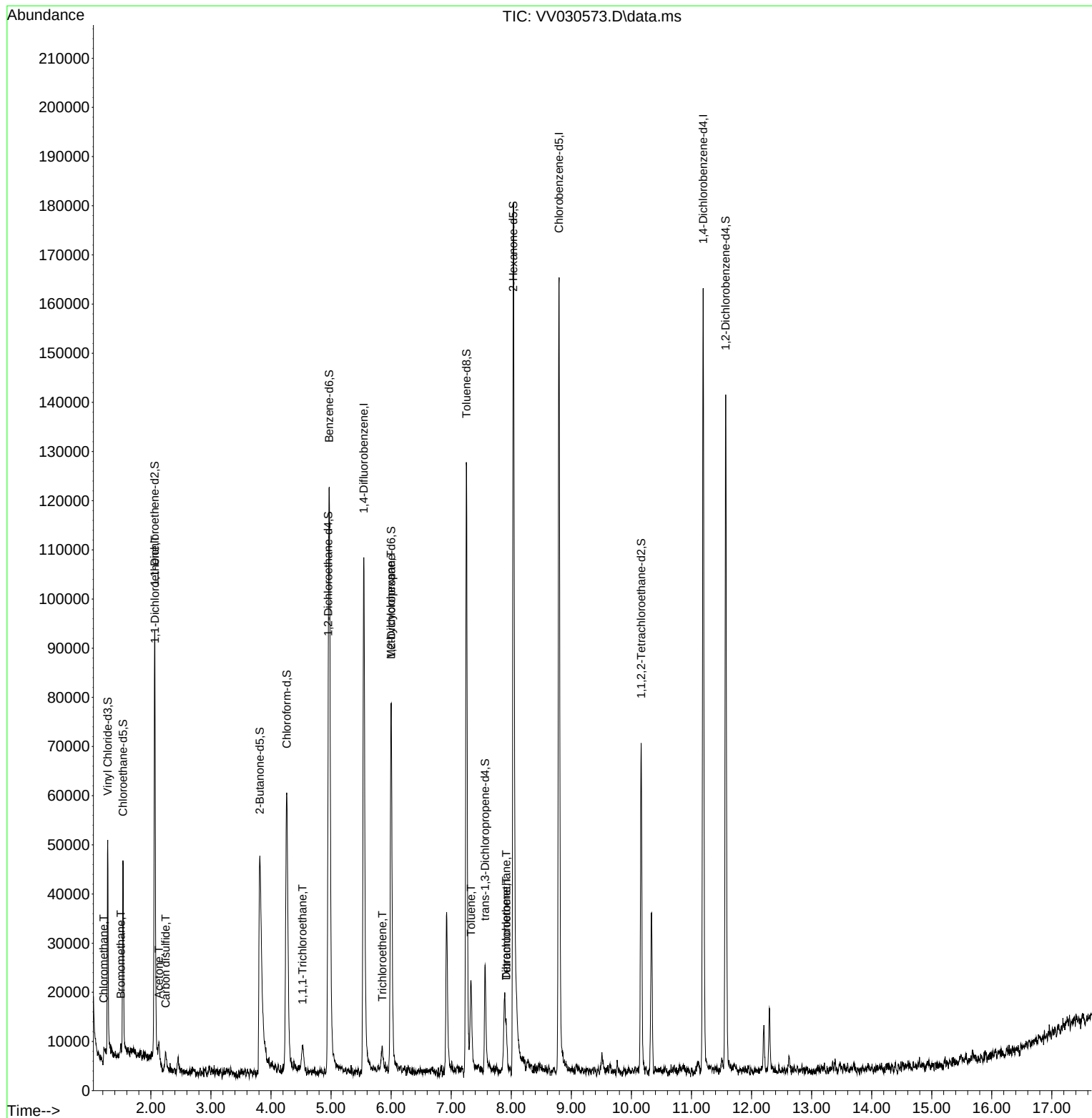
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	90093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	88403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	43658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30503	5.112	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.200%	
7) Chloroethane-d5	1.536	69	25467	4.398	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.063	63	46510	3.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	3.812	46	85984	55.752	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.500%	
24) Chloroform-d	4.262	84	60928	4.219	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	4.953	65	35503	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	4.970	84	100166	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.002	67	33111	4.245	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.252	98	82691	3.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	7.564	79	12709	4.328	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.034	63	62266	52.770	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.540%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30808	5.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.571	152	33915	4.346	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2223	0.154	ug/L	97
6) Bromomethane	1.500	94	585	0.195	ug/L	76
12) 1,1-Dichloroethene	2.069	96	1499	0.199	ug/L #	1
13) Acetone	2.137	43	3444	2.335	ug/L	75
14) Carbon disulfide	2.246	76	3399	0.137	ug/L #	89
29) 1,1,1-Trichloroethane	4.526	97	4113	0.289	ug/L #	94
34) Trichloroethene	5.854	95	1668	0.197	ug/L	90
35) Methylcyclohexane	5.998	83	8700	0.655	ug/L #	17
42) Toluene	7.330	91	13412	0.401	ug/L	96
47) Tetrachloroethene	7.918	164	1961	0.262	ug/L	81
49) Dibromochloromethane	7.918	129	1724	0.255	ug/L #	12

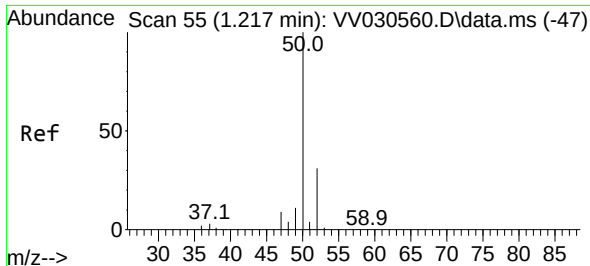
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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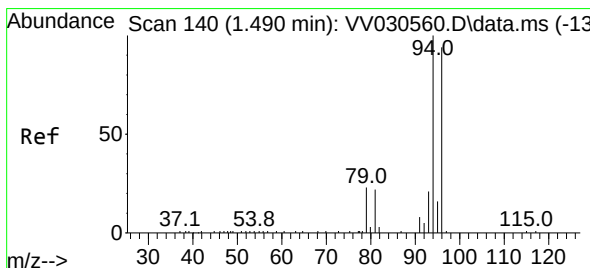
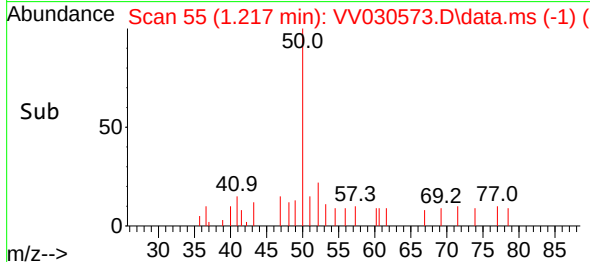
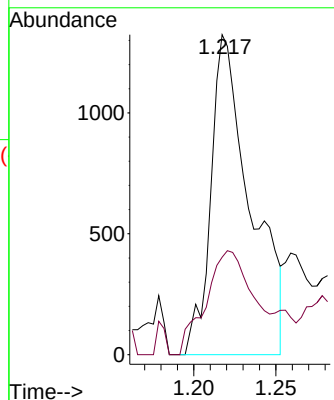
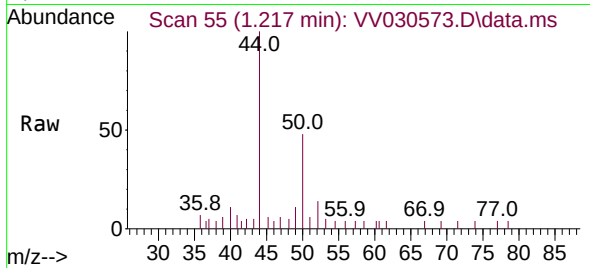




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

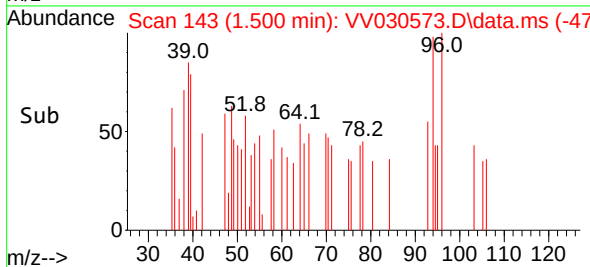
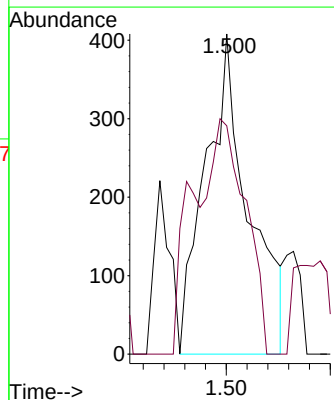
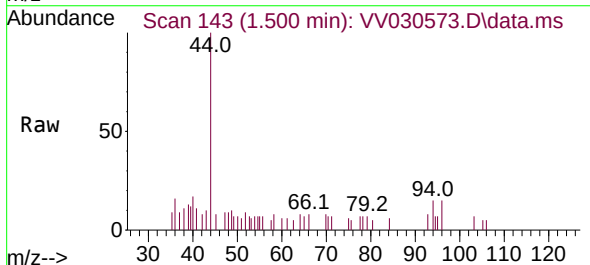
Instrument :
MSVOA_V
ClientSampleId :
BHDZ4

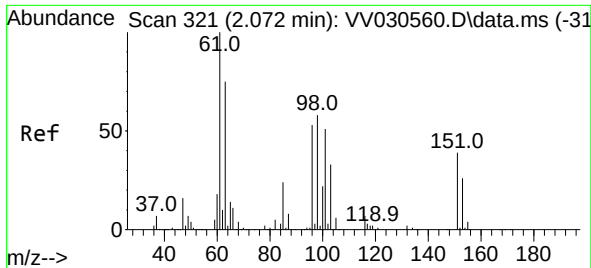
Tgt Ion: 50 Resp: 2223
Ion Ratio Lower Upper
50 100
52 30.4 22.3 41.5



#6
Bromomethane
Concen: 0.195 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 71.3 66.1 122.7

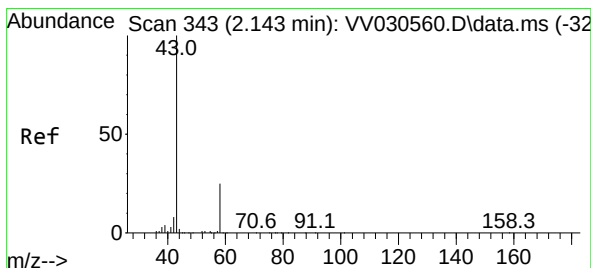
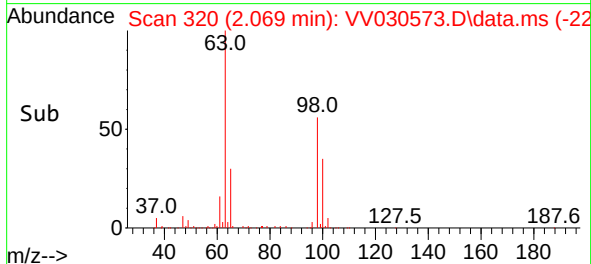
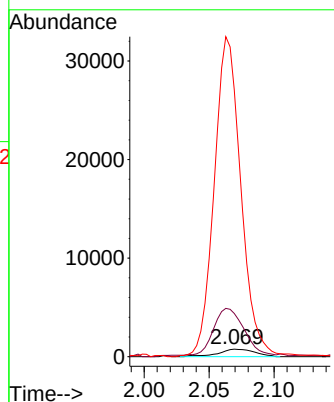
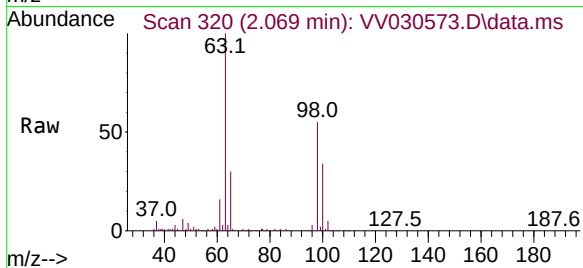




#12
1,1-Dichloroethene
Concen: 0.199 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

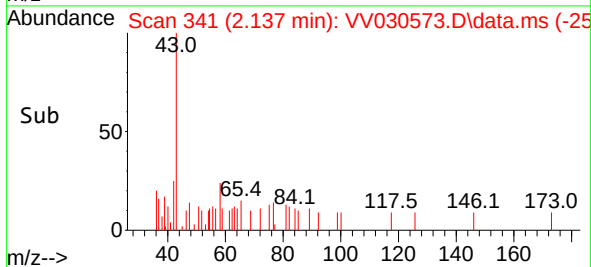
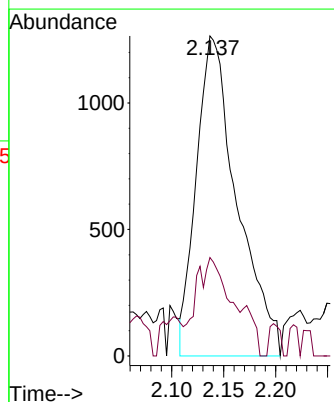
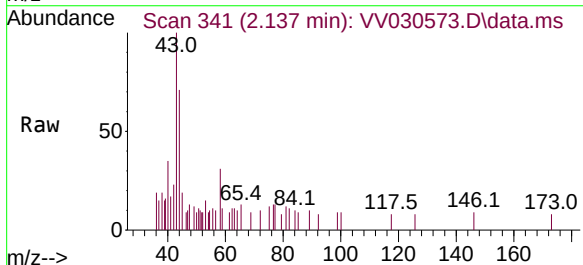
Instrument :
MSVOA_V
ClientSampleId :
BHDZ4

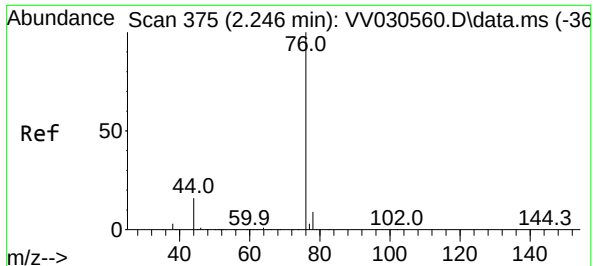
Tgt Ion: 96 Resp: 1499
Ion Ratio Lower Upper
96 100
61 578.9 136.3 253.1#
63 3575.2 92.1 171.1#



#13
Acetone
Concen: 2.335 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.006 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

Tgt Ion: 43 Resp: 3444
Ion Ratio Lower Upper
43 100
58 8.9 0.0 40.8

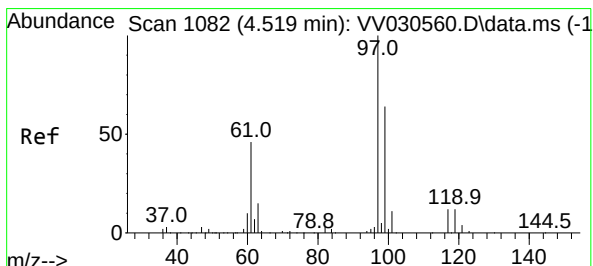
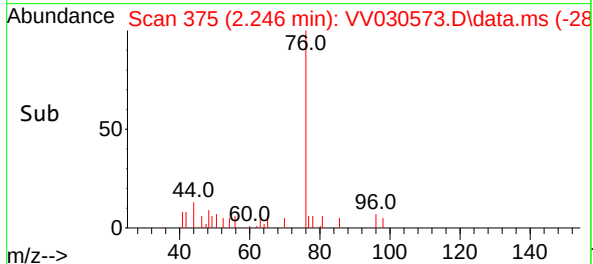
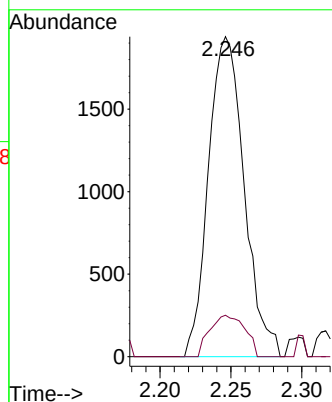
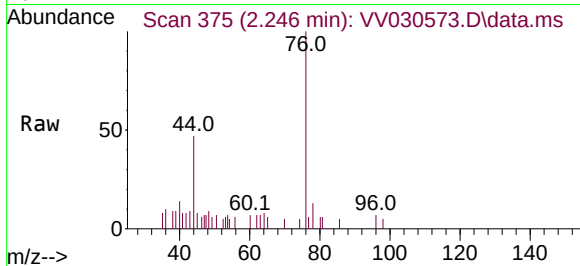




#14
Carbon disulfide
Concen: 0.137 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

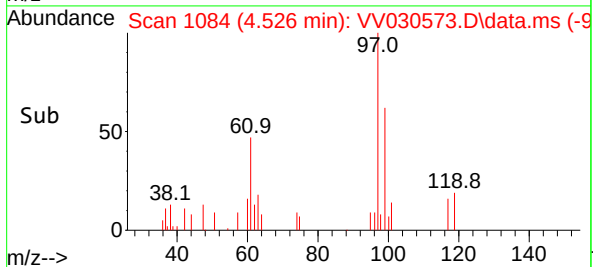
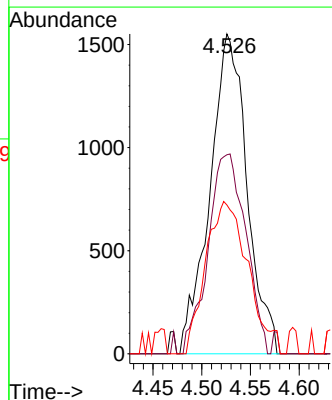
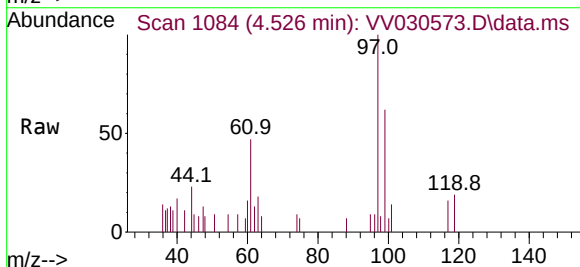
Instrument :
MSVOA_V
ClientSampleId :
BHDZ4

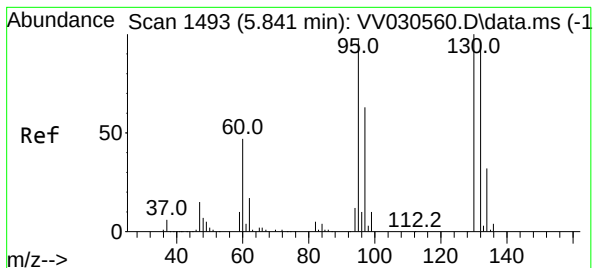
Tgt Ion: 76 Resp: 3399
Ion Ratio Lower Upper
76 100
78 12.9 7.3 10.9#



#29
1,1,1-Trichloroethane
Concen: 0.289 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VV030573.D
Acq: 14 Apr 2023 15:12

Tgt Ion: 97 Resp: 4113
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 54.1 35.9 53.9#





#34

Trichloroethene

Concen: 0.197 ug/L

RT: 5.854 min Scan# 1497

Delta R.T. 0.013 min

Lab File: VV030573.D

Acq: 14 Apr 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

BHDZ4

Tgt Ion: 95 Resp: 1668

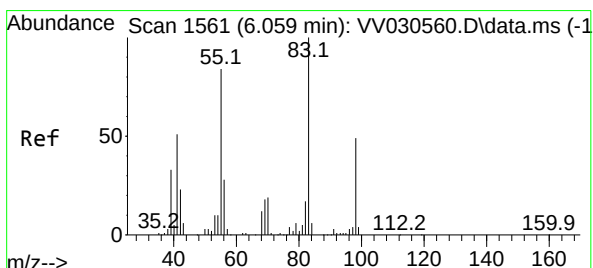
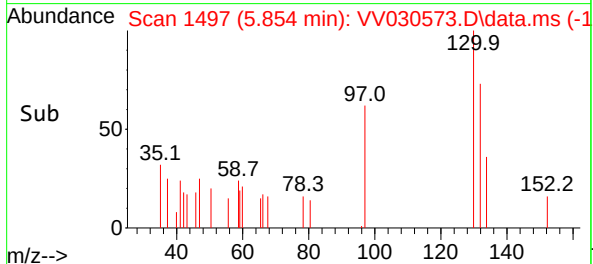
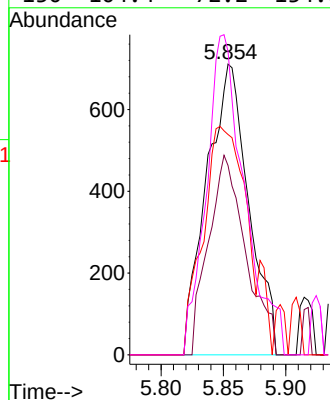
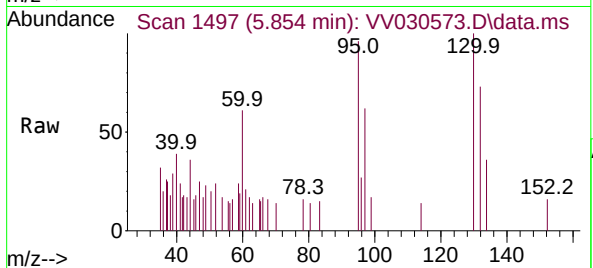
Ion Ratio Lower Upper

95 100

97 65.1 44.2 82.2

132 75.8 69.5 129.1

130 104.4 72.2 134.0



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030573.D

Acq: 14 Apr 2023 15:12

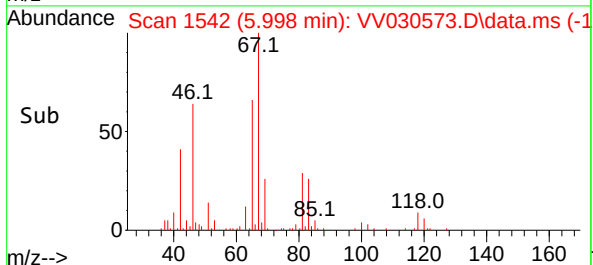
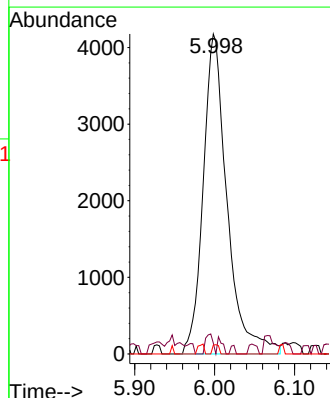
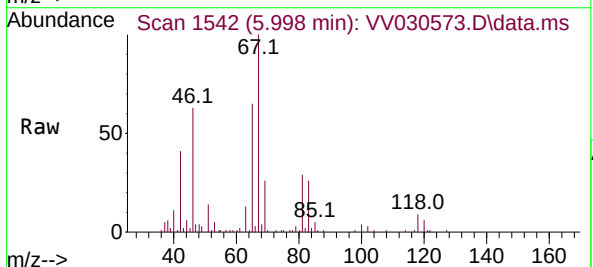
Tgt Ion: 83 Resp: 8700

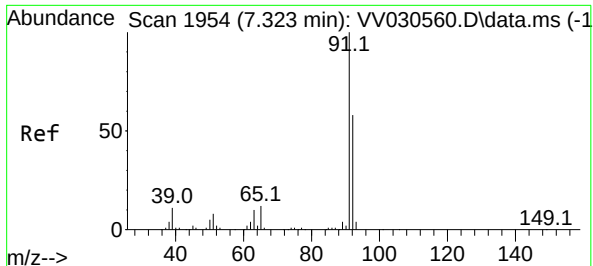
Ion Ratio Lower Upper

83 100

55 1.1 66.6 100.0#

98 0.8 38.6 58.0#





#42

Toluene

Concen: 0.401 ug/L

RT: 7.330 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV030573.D

Acq: 14 Apr 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

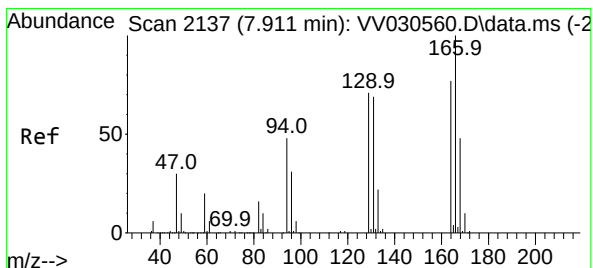
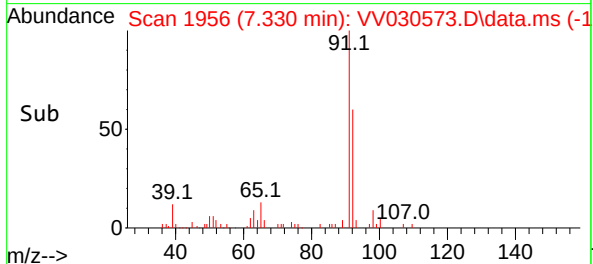
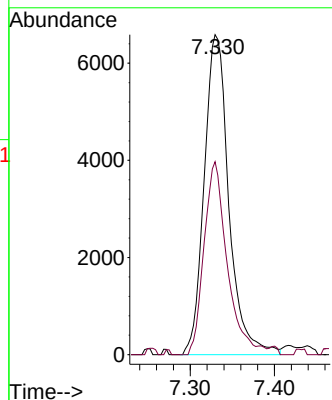
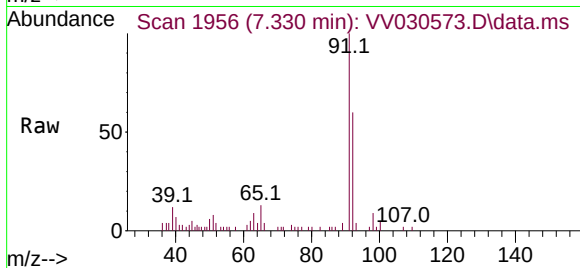
BHDZ4

Tgt Ion: 91 Resp: 13412

Ion Ratio Lower Upper

91 100

92 60.3 40.4 75.0



#47

Tetrachloroethene

Concen: 0.262 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.007 min

Lab File: VV030573.D

Acq: 14 Apr 2023 15:12

Tgt Ion: 164 Resp: 1961

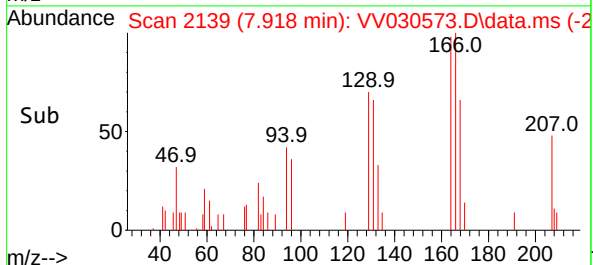
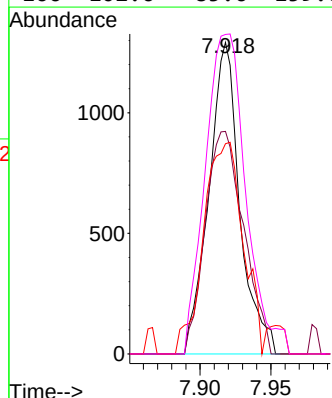
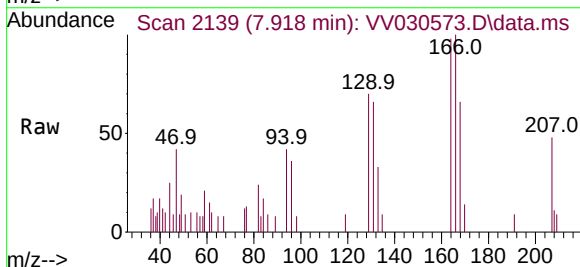
Ion Ratio Lower Upper

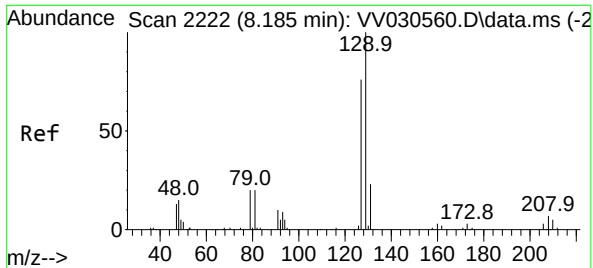
164 100

129 71.4 60.8 112.8

131 67.5 61.7 114.7

166 102.6 85.6 159.0





#49
 Dibromochloromethane
 Concen: 0.255 ug/L
 RT: 7.918 min Scan# 21
 Delta R.T. -0.267 min
 Lab File: VV030573.D
 Acq: 14 Apr 2023 15:12

Instrument :
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Tgt Ion:129 Resp: 1724
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#

