

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030537.D
 Acq On : 13 Apr 2023 11:59
 Operator : SY/MD
 Sample : 02250-03DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx4DL

Quant Time: Apr 14 05:18:56 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)

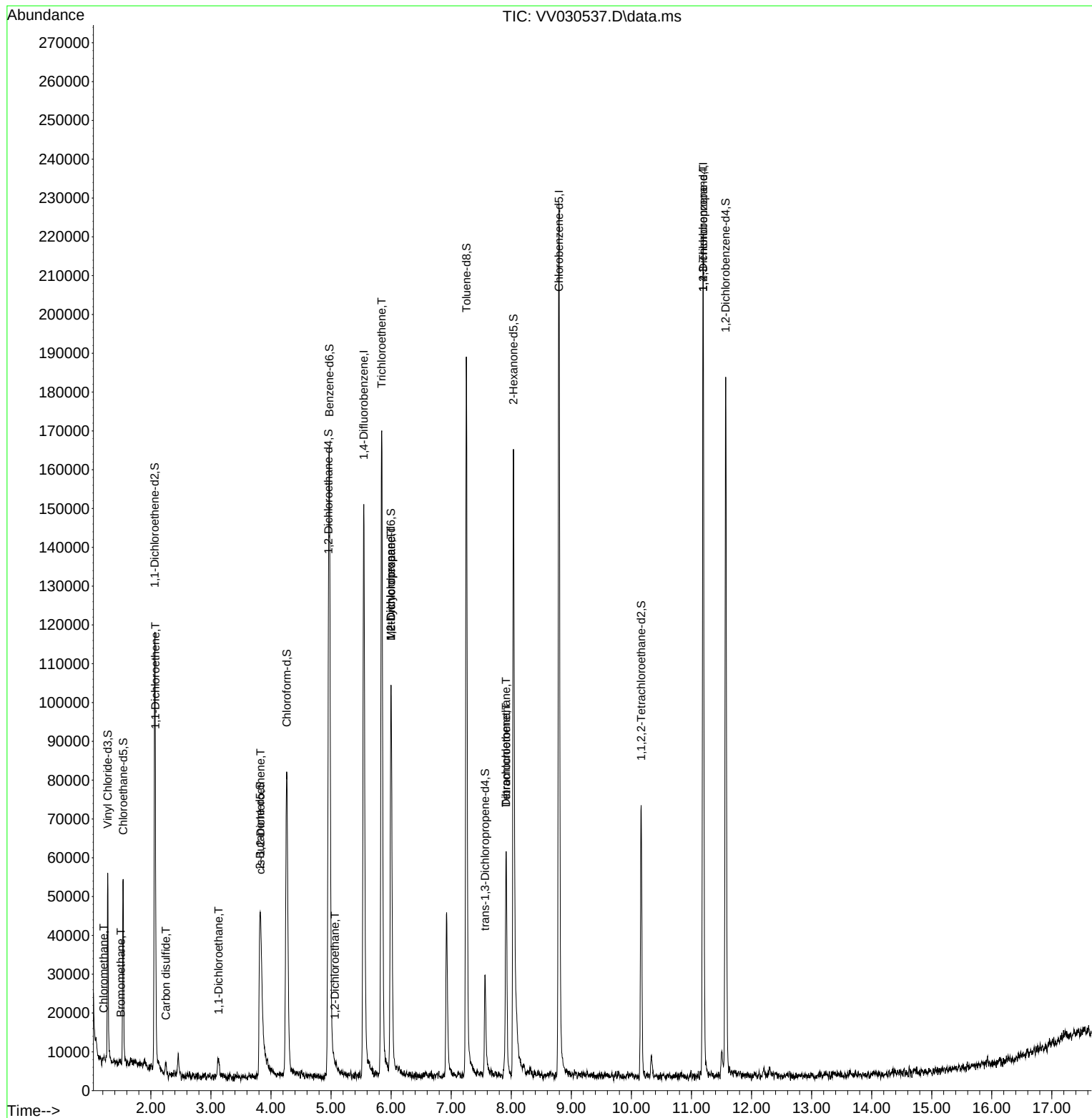
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	126342	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	125221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30177	3.606	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.539	69	31253	3.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.066	63	59882	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.818	46	76522	35.381	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.760%
24) Chloroform-d	4.262	84	82488	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	4.956	65	42532	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.973	84	144334	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.998	67	46440	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.252	98	125957	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.564	79	15111	3.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.037	63	56904	34.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33043	3.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	45143	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1653	0.082	ug/L #	81
6) Bromomethane	1.500	94	455	0.108	ug/L	76
12) 1,1-Dichloroethene	2.076	96	5432	0.515	ug/L #	1
14) Carbon disulfide	2.249	76	3364	0.097	ug/L	100
19) 1,1-Dichloroethane	3.127	63	4338	0.201	ug/L	88
22) cis-1,2-Dichloroethene	3.828	96	4951	0.444	ug/L	90
27) 1,2-Dichloroethane	5.063	62	1297	0.098	ug/L #	57
34) Trichloroethene	5.841	95	57969	4.833	ug/L	98
35) Methylcyclohexane	5.998	83	11975	0.636	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	5948	0.521	ug/L #	87
47) Tetrachloroethene	7.915	164	13352	1.261	ug/L	95
49) Dibromochloromethane	7.915	129	12466	1.303	ug/L #	14
61) 1,2,3-Trichloropropane	11.194	75	6767	1.316	ug/L #	62

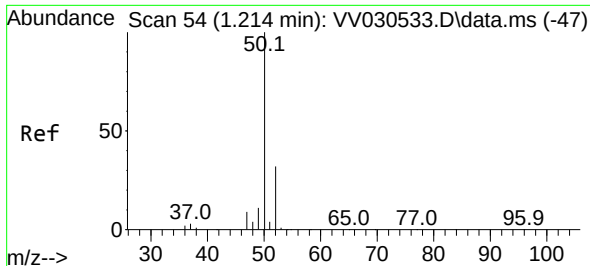
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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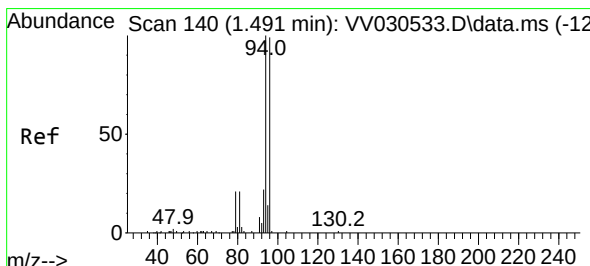
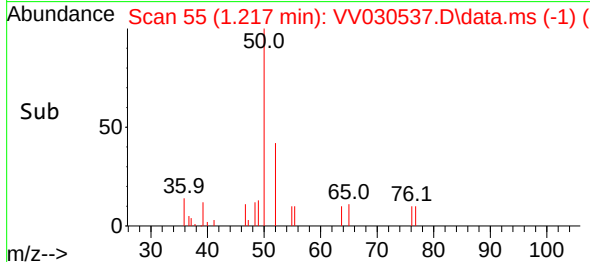
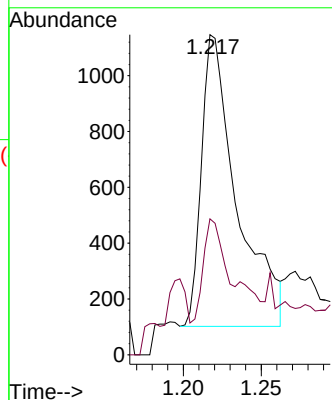
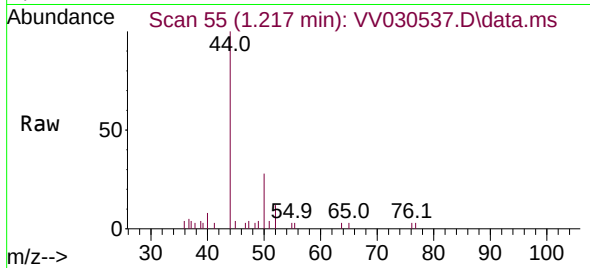




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

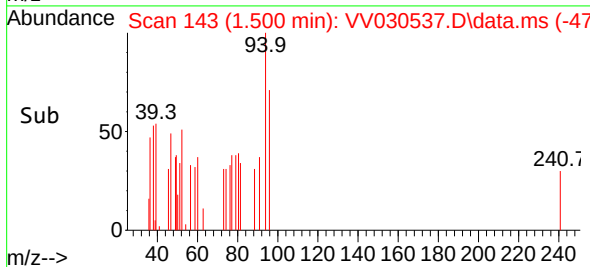
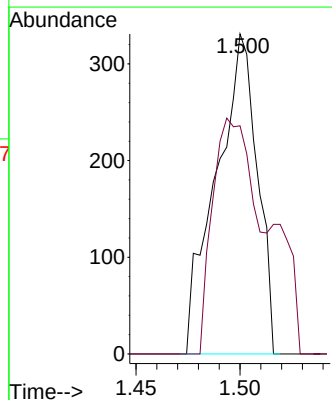
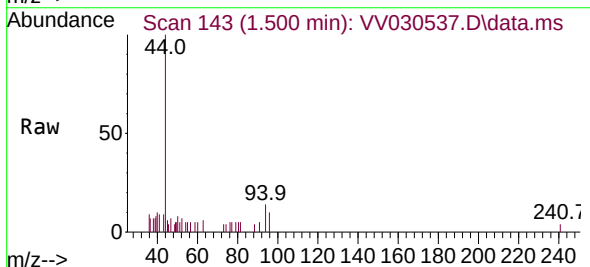
Instrument :
MSVOA_V
ClientSampleId :
BHDx4DL

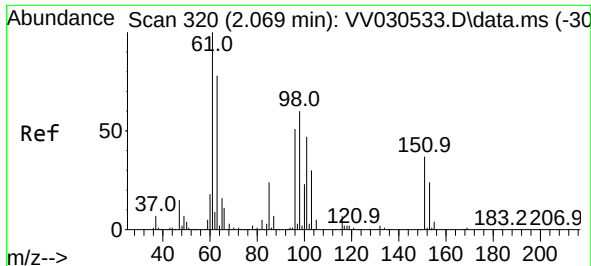
Tgt Ion: 50 Resp: 1653
Ion Ratio Lower Upper
50 100
52 42.5 22.3 41.5#



#6
Bromomethane
Concen: 0.108 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.009 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 71.3 66.1 122.7

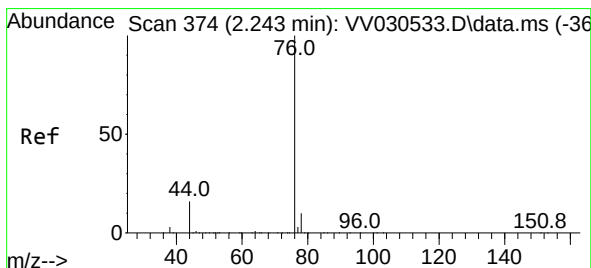
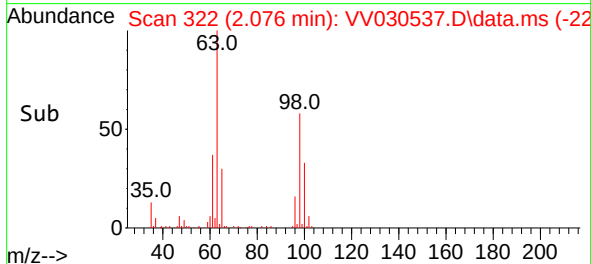
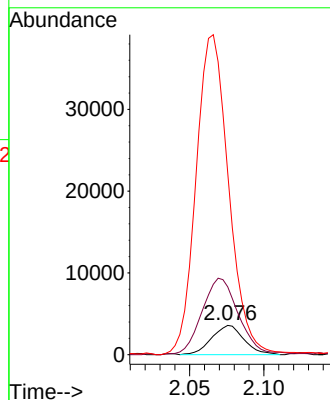
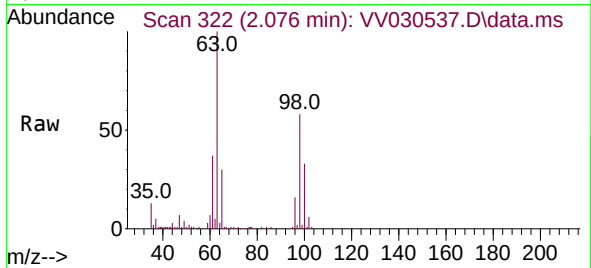




#12
 1,1-Dichloroethene
 Concen: 0.515 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV030537.D
 Acq: 13 Apr 2023 11:59

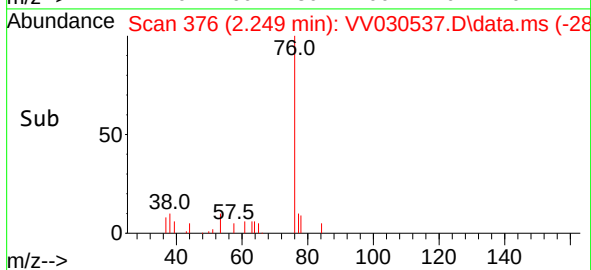
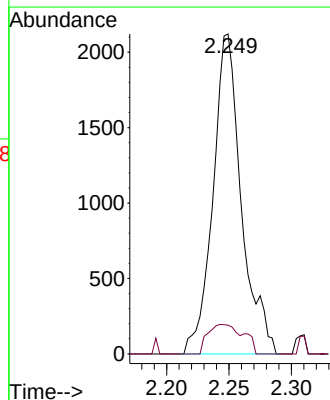
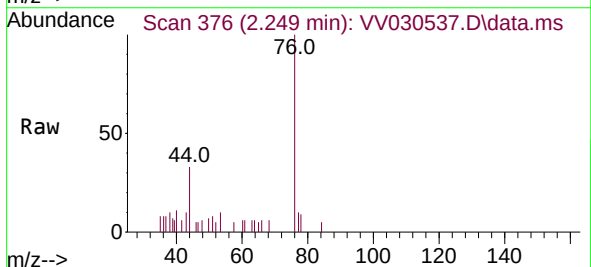
Instrument :
 MSVOA_V
 ClientSampleId :
 BHD4DL

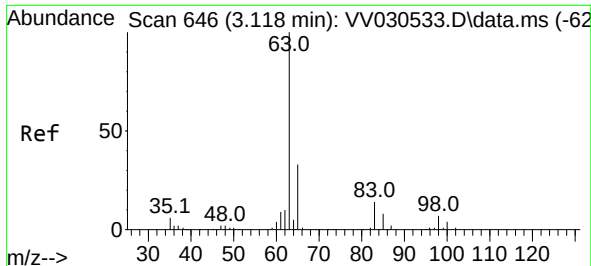
Tgt Ion: 96 Resp: 5432
 Ion Ratio Lower Upper
 96 100
 61 231.8 136.3 253.1
 63 620.9 92.1 171.1#



#14
 Carbon disulfide
 Concen: 0.097 ug/L
 RT: 2.249 min Scan# 376
 Delta R.T. 0.006 min
 Lab File: VV030537.D
 Acq: 13 Apr 2023 11:59

Tgt Ion: 76 Resp: 3364
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.201 ug/L

RT: 3.127 min Scan# 64

Delta R.T. 0.009 min

Lab File: VV030537.D

Acq: 13 Apr 2023 11:59

Instrument :

MSVOA_V

ClientSampleId :

BHDX4DL

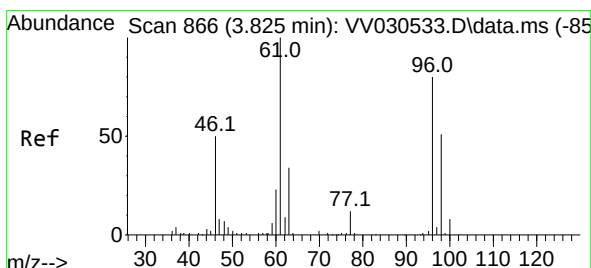
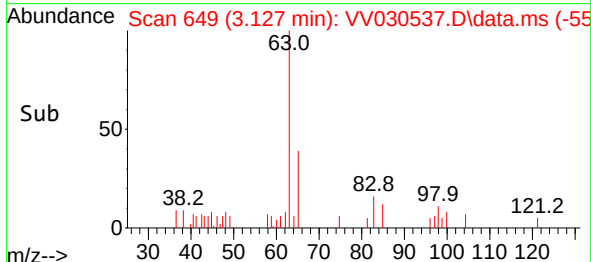
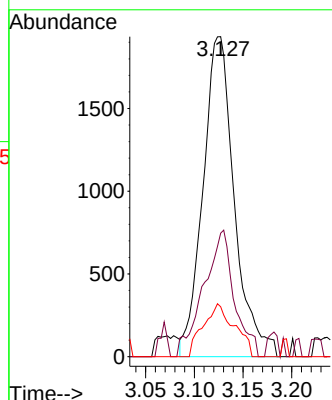
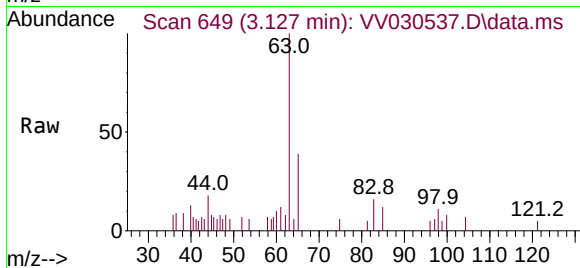
Tgt Ion: 63 Resp: 4338

Ion Ratio Lower Upper

63 100

65 38.6 21.7 40.3

83 15.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.444 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030537.D

Acq: 13 Apr 2023 11:59

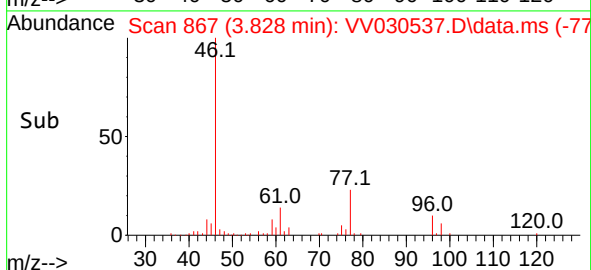
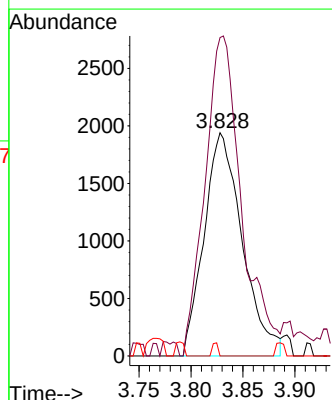
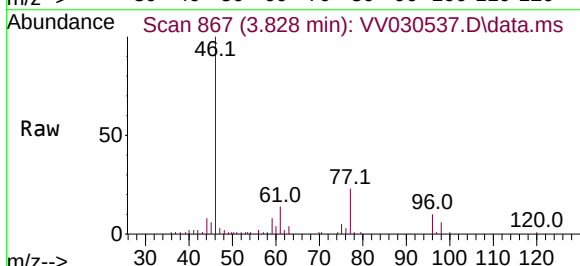
Tgt Ion: 96 Resp: 4951

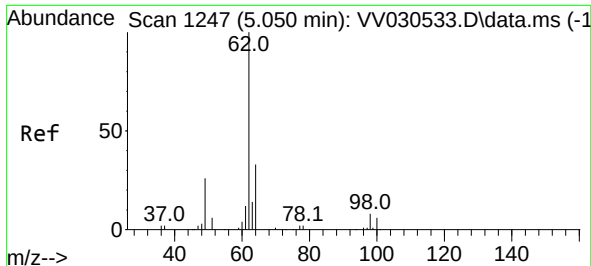
Ion Ratio Lower Upper

96 100

61 142.7 92.0 170.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.013 min

Lab File: VV030537.D

Acq: 13 Apr 2023 11:59

Instrument :

MSVOA_V

ClientSampleId :

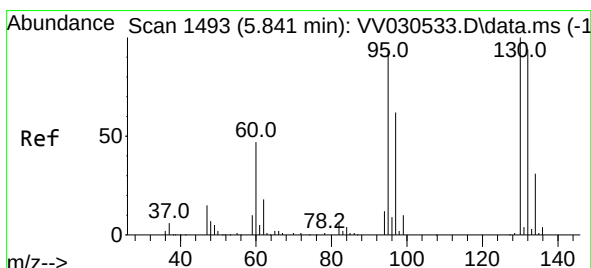
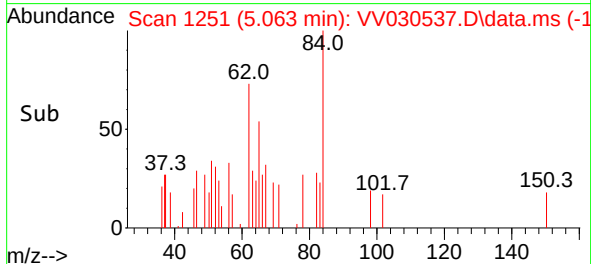
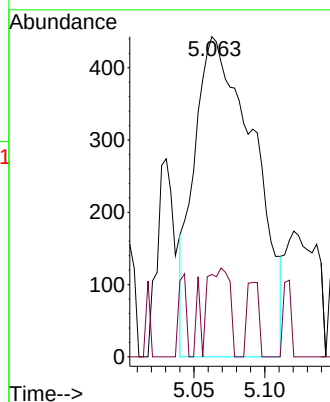
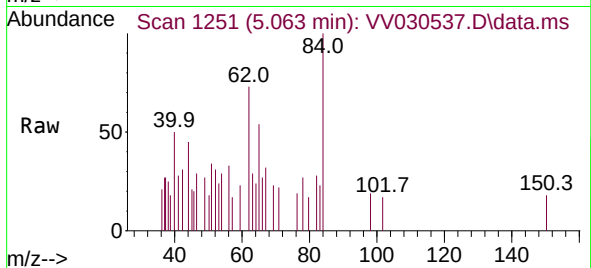
BHDX4DL

Tgt Ion: 62 Resp: 1297

Ion Ratio Lower Upper

62 100

98 25.7 7.8 11.8#



#34

Trichloroethene

Concen: 4.833 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030537.D

Acq: 13 Apr 2023 11:59

Tgt Ion: 95 Resp: 57969

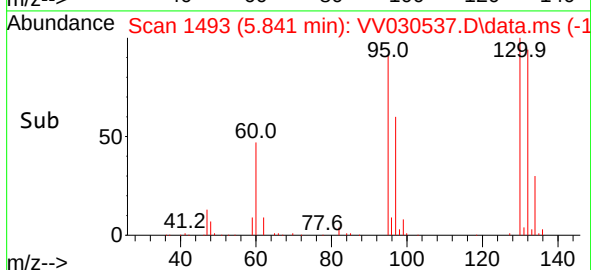
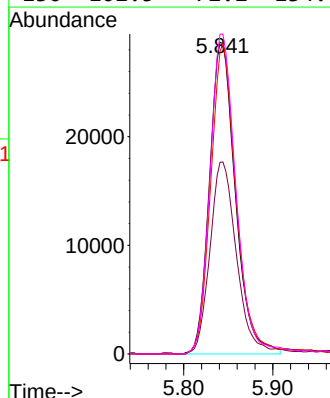
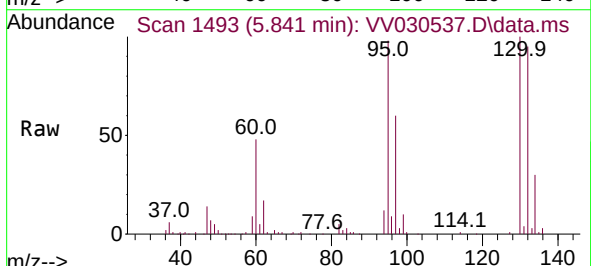
Ion Ratio Lower Upper

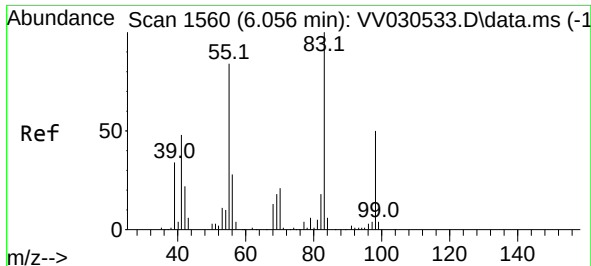
95 100

97 61.5 44.2 82.2

132 97.0 69.5 129.1

130 102.5 72.2 134.0

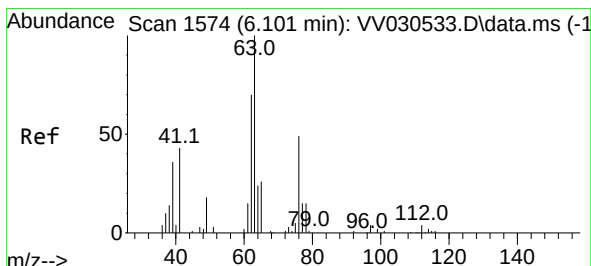
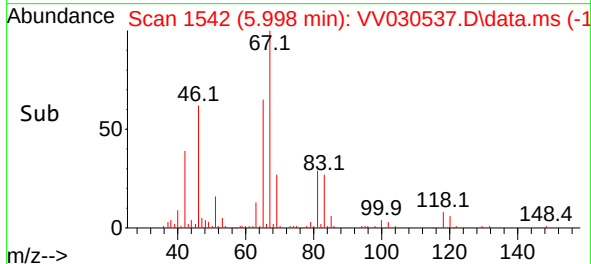
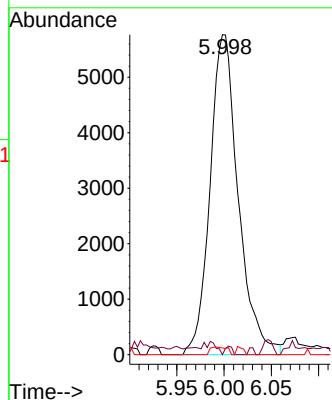
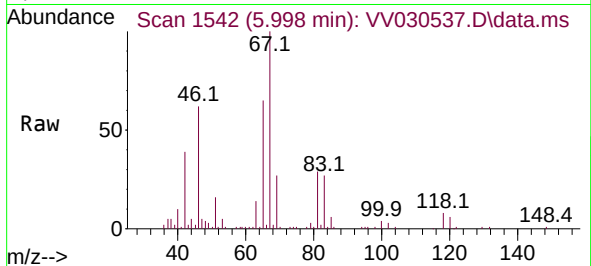




#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

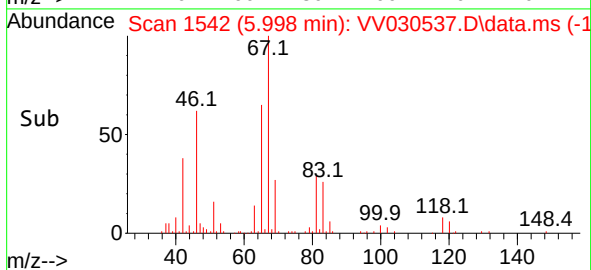
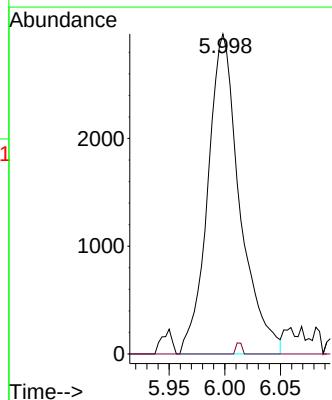
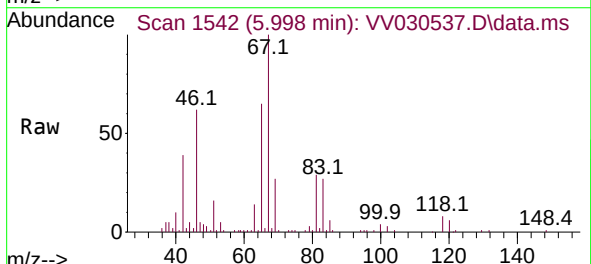
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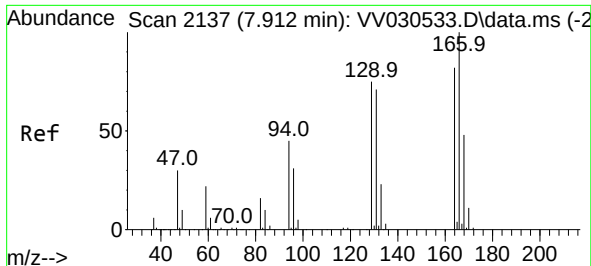
Tgt Ion: 83 Resp: 11975
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 0.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

Tgt Ion: 63 Resp: 5948
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#

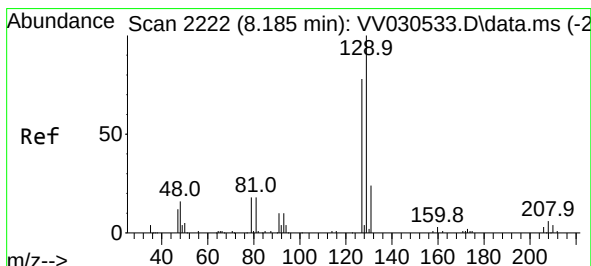
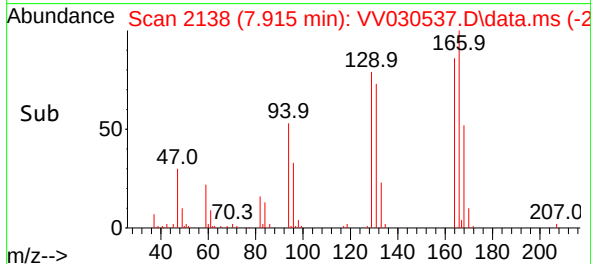
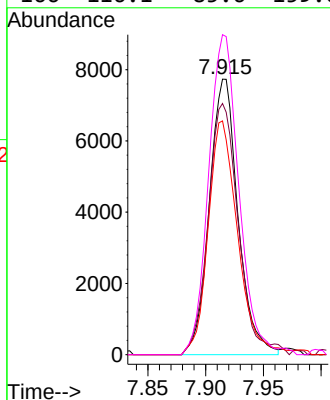
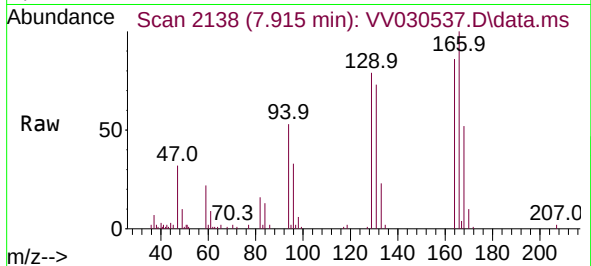




#47
Tetrachloroethene
Concen: 1.261 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

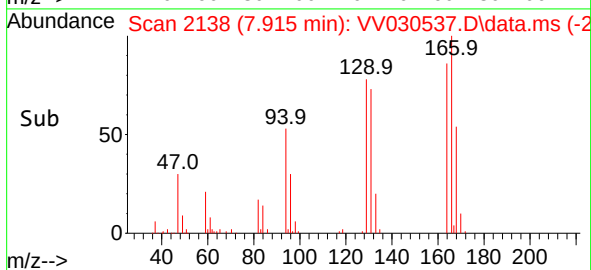
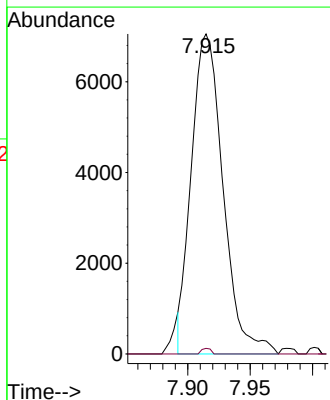
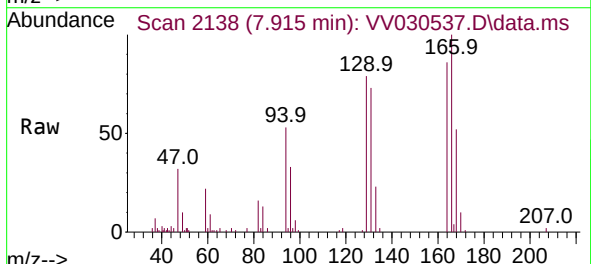
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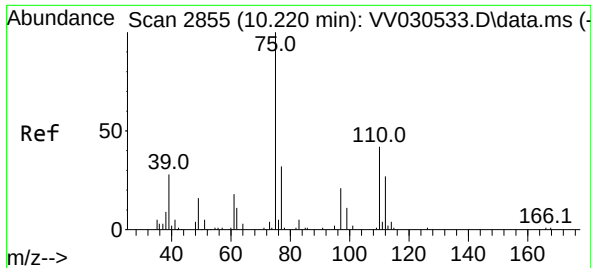
Tgt Ion:	164	Resp:	13352
Ion	Ratio	Lower	Upper
164	100		
129	91.2	60.8	112.8
131	84.8	61.7	114.7
166	116.1	85.6	159.0



#49
Dibromochloromethane
Concen: 1.303 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030537.D
Acq: 13 Apr 2023 11:59

Tgt Ion:	129	Resp:	12466
Ion	Ratio	Lower	Upper
129	100		
127	1.8	52.7	97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.316 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030537.D
 Acq: 13 Apr 2023 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx4DL

Tgt Ion: 75 Resp: 6767
 Ion Ratio Lower Upper
 75 100
 77 39.9 26.0 39.0#
 110 3.4 31.6 47.4#

