

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030566.D
 Acq On : 14 Apr 2023 12:24
 Operator : SY/MD
 Sample : 02275-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ0DL

Quant Time: Apr 15 01:57:52 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)

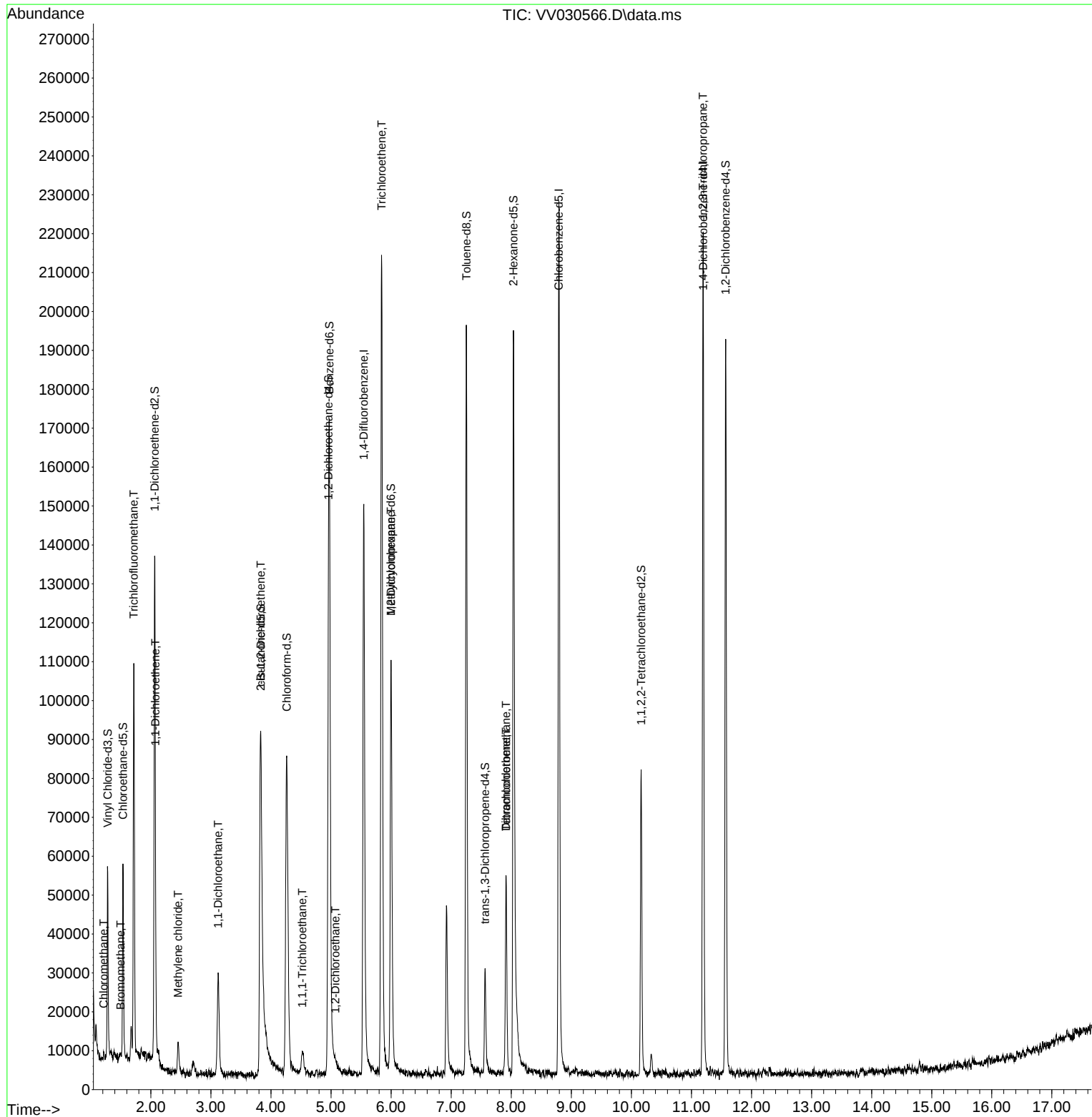
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	123168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30406	3.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.536	69	31348	3.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.063	63	62767	3.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.831	46	87704	40.838	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.680%
24) Chloroform-d	4.262	84	84340	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	4.957	65	44427	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.973	84	144638	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.998	67	47568	4.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.252	98	125094	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.564	79	16429	4.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.037	63	69255	42.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.260%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35955	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	48584	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2222	0.110	ug/L	99
6) Bromomethane	1.497	94	469	0.112	ug/L	92
9) Trichlorofluoromethane	1.716	101	58253	2.724	ug/L	100
12) 1,1-Dichloroethene	2.076	96	7480	0.714	ug/L #	10
16) Methylene chloride	2.455	84	3040	0.245	ug/L	92
19) 1,1-Dichloroethane	3.121	63	24219	1.131	ug/L	96
22) cis-1,2-Dichloroethene	3.828	96	29887	2.697	ug/L	96
27) 1,2-Dichloroethane	5.072	62	1333	0.102	ug/L #	73
29) 1,1,1-Trichloroethane	4.519	97	4833	0.244	ug/L	91
34) Trichloroethene	5.841	95	71879	6.092	ug/L	98
35) Methylcyclohexane	5.998	83	12577	0.679	ug/L #	16
47) Tetrachloroethene	7.915	164	11166	1.072	ug/L	97
49) Dibromochloromethane	7.915	129	10359	1.100	ug/L #	12
61) 1,2,3-Trichloropropane	11.191	75	6550	1.260	ug/L #	65

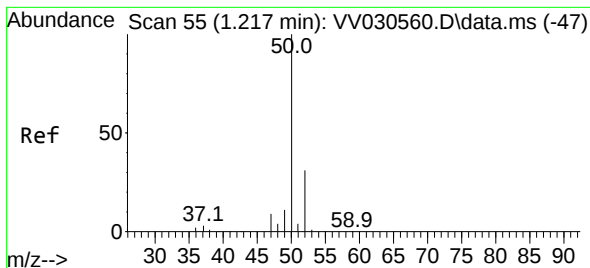
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV030566.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 15 01:54:33 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030566.D

Acq: 14 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

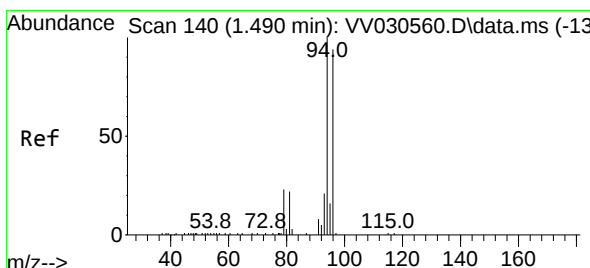
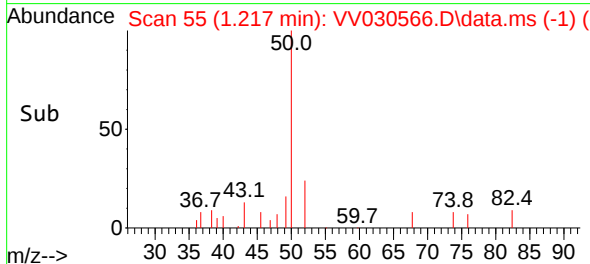
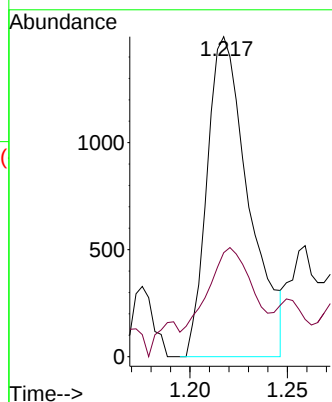
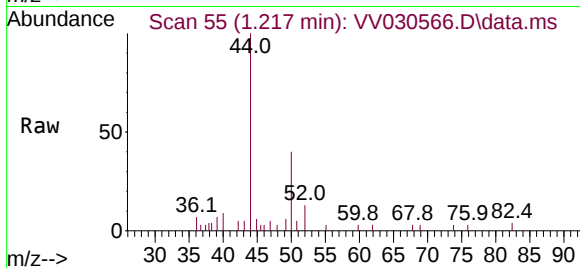
BHDZ0DL

Tgt Ion: 50 Resp: 2222

Ion Ratio Lower Upper

50 100

52 32.5 22.3 41.5



#6

Bromomethane

Concen: 0.112 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.007 min

Lab File: VV030566.D

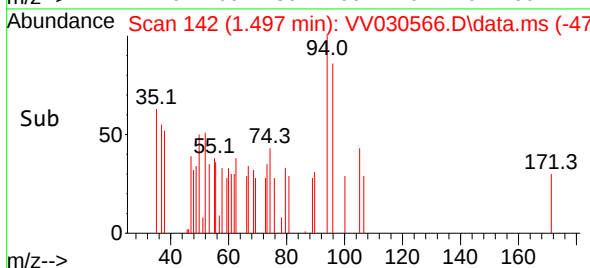
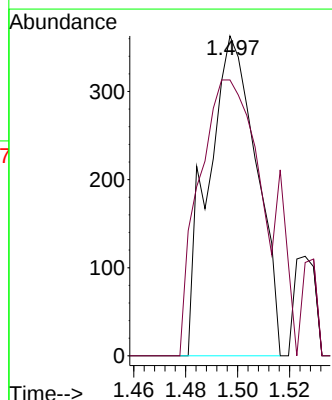
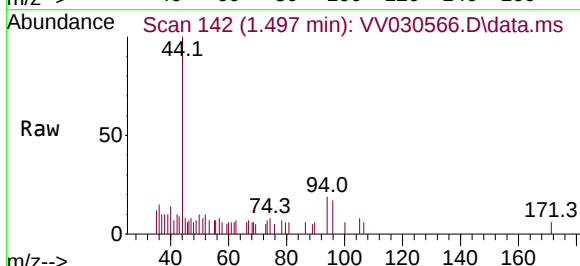
Acq: 14 Apr 2023 12:24

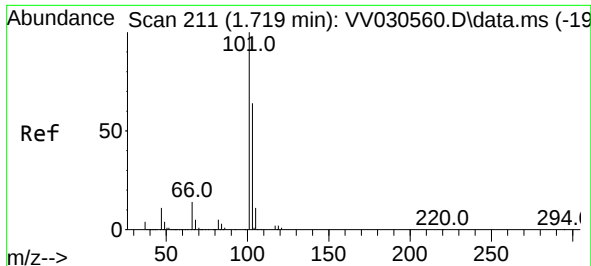
Tgt Ion: 94 Resp: 469

Ion Ratio Lower Upper

94 100

96 86.2 66.1 122.7

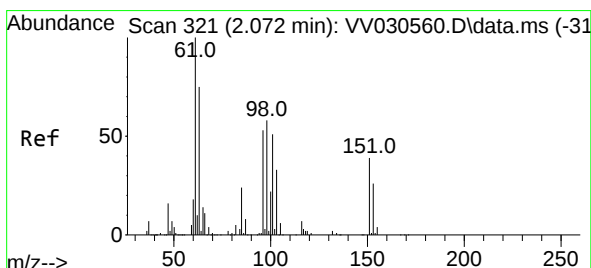
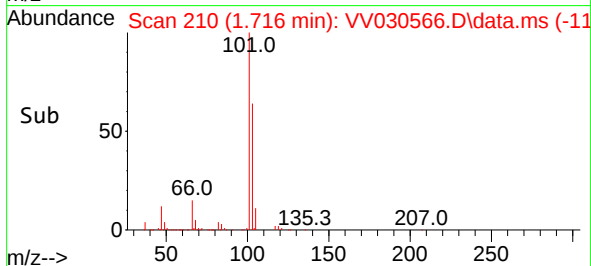
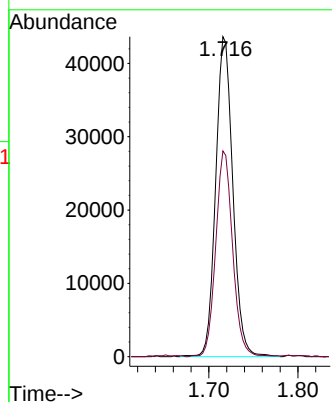
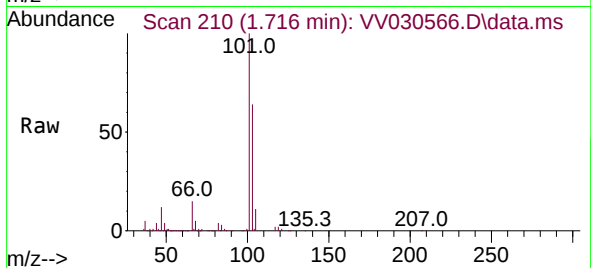




#9
 Trichlorofluoromethane
 Concen: 2.724 ug/L
 RT: 1.716 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VV030566.D
 Acq: 14 Apr 2023 12:24

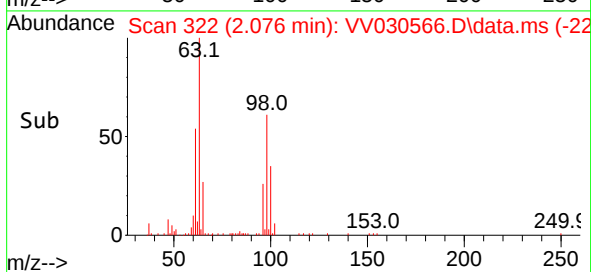
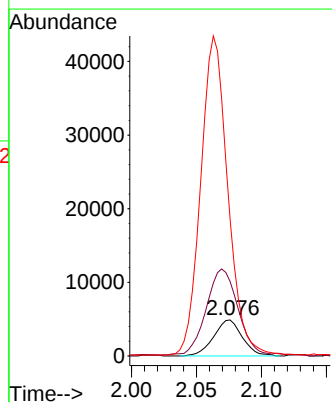
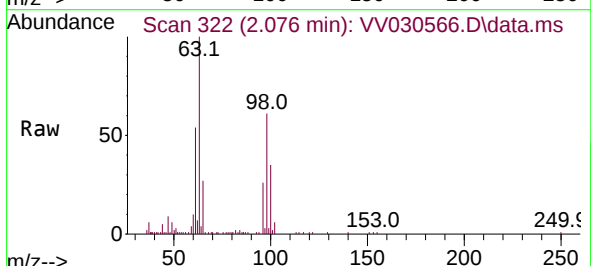
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ0DL

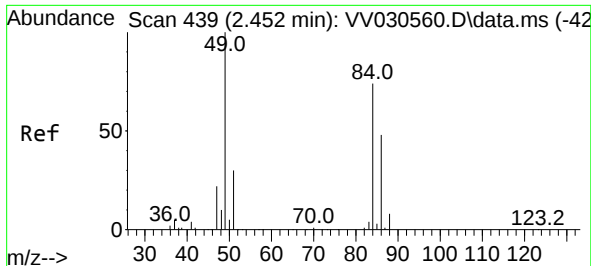
Tgt Ion:101 Resp: 58253
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 0.714 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030566.D
 Acq: 14 Apr 2023 12:24

Tgt Ion: 96 Resp: 7480
 Ion Ratio Lower Upper
 96 100
 61 206.8 136.3 253.1
 63 379.5 92.1 171.1#

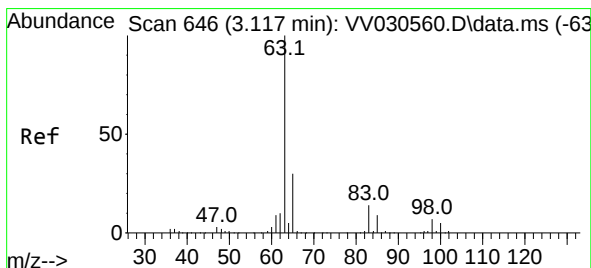
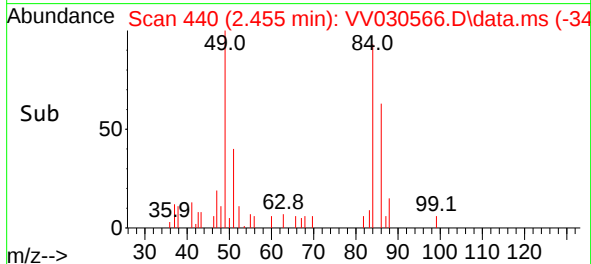
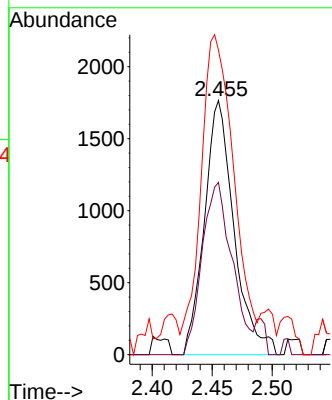
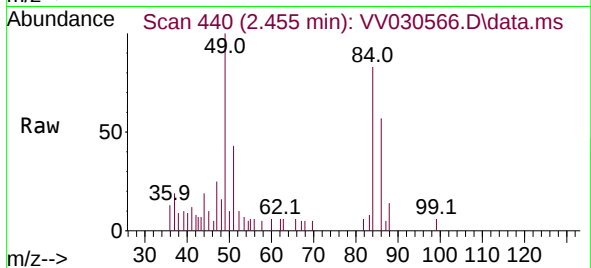




#16
Methylene chloride
Concen: 0.245 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

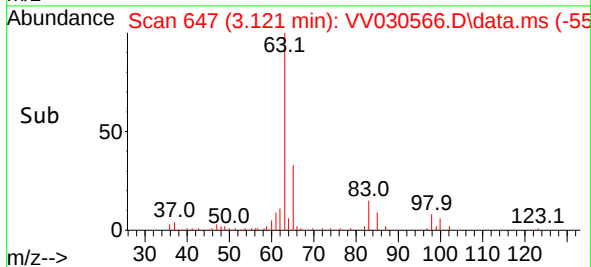
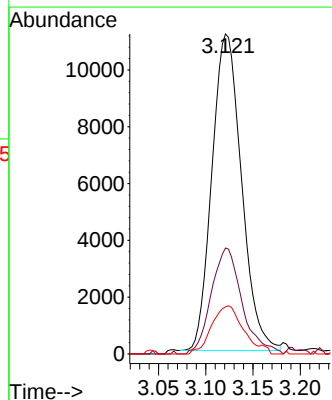
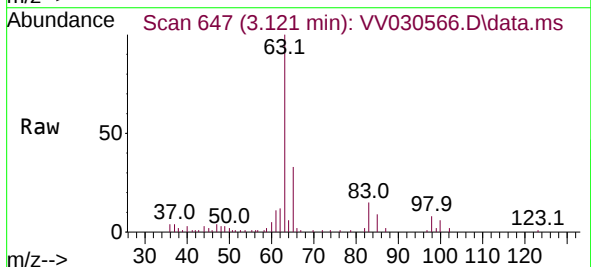
Instrument :
MSVOA_V
ClientSampleId :
BHDZ0DL

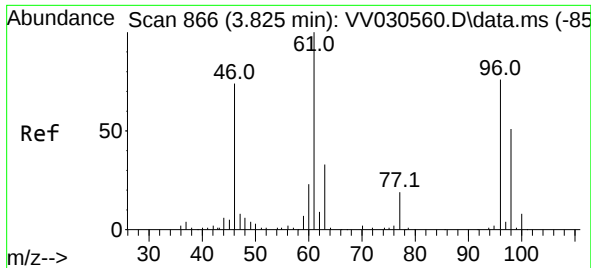
Tgt Ion: 84 Resp: 3040
Ion Ratio Lower Upper
84 100
86 67.8 44.0 81.6
49 120.0 90.6 168.3



#19
1,1-Dichloroethane
Concen: 1.131 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

Tgt Ion: 63 Resp: 24219
Ion Ratio Lower Upper
63 100
65 33.1 21.7 40.3
83 14.7 9.1 16.9

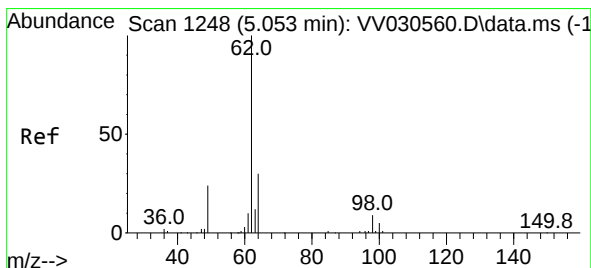
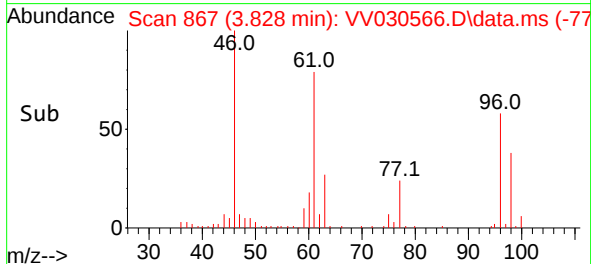
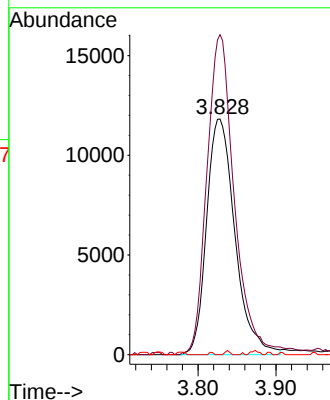
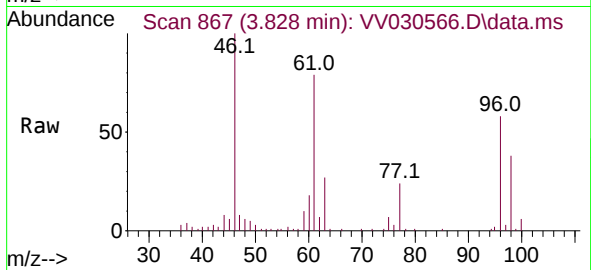




#22
 cis-1,2-Dichloroethene
 Concen: 2.697 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.003 min
 Lab File: VV030566.D
 Acq: 14 Apr 2023 12:24

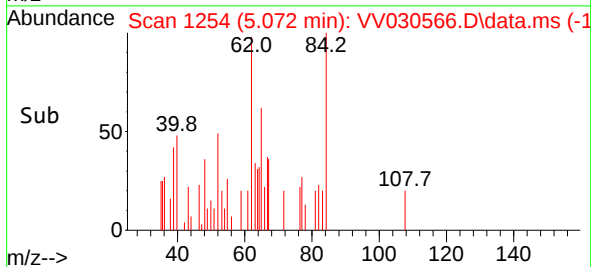
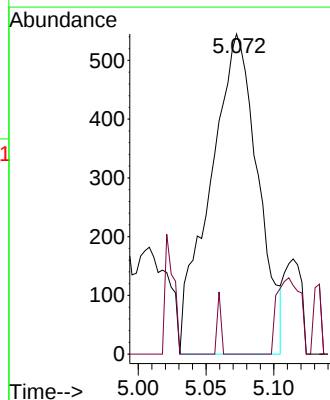
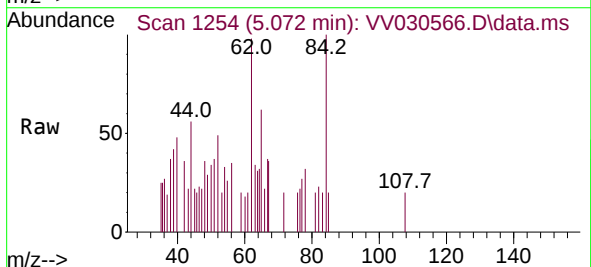
Instrument :
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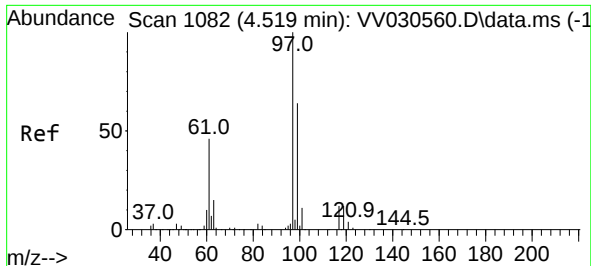
Tgt Ion: 96 Resp: 29887
 Ion Ratio Lower Upper
 96 100
 61 135.8 92.0 170.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.102 ug/L
 RT: 5.072 min Scan# 1254
 Delta R.T. 0.020 min
 Lab File: VV030566.D
 Acq: 14 Apr 2023 12:24

Tgt Ion: 62 Resp: 1333
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.244 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV030566.D

Acq: 14 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDZ0DL

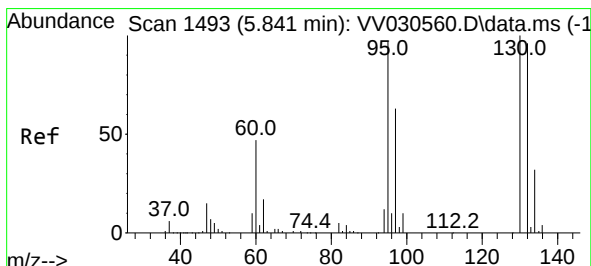
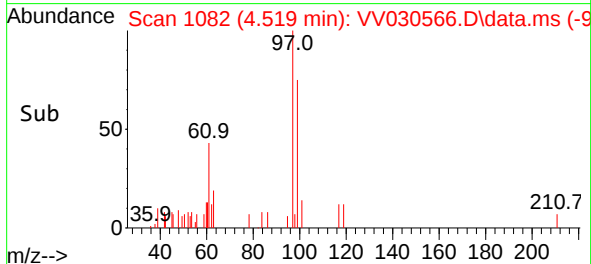
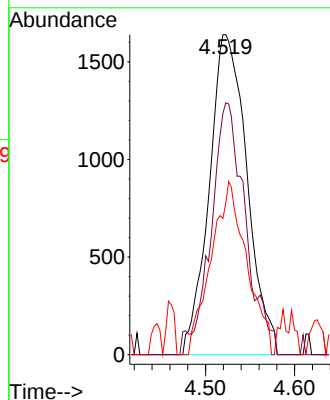
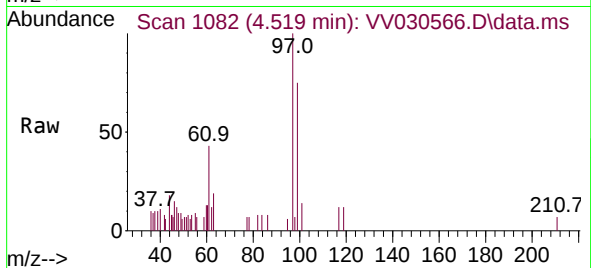
Tgt Ion: 97 Resp: 4833

Ion Ratio Lower Upper

97 100

99 70.0 50.9 76.3

61 51.1 35.9 53.9



#34

Trichloroethene

Concen: 6.092 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030566.D

Acq: 14 Apr 2023 12:24

Tgt Ion: 95 Resp: 71879

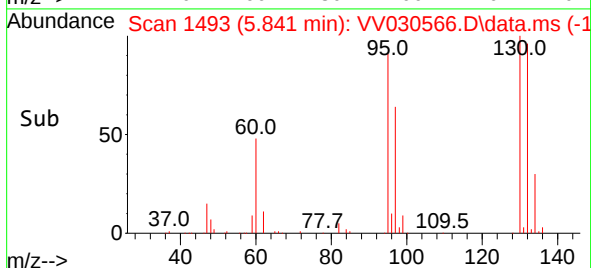
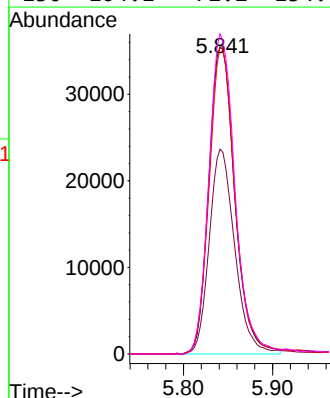
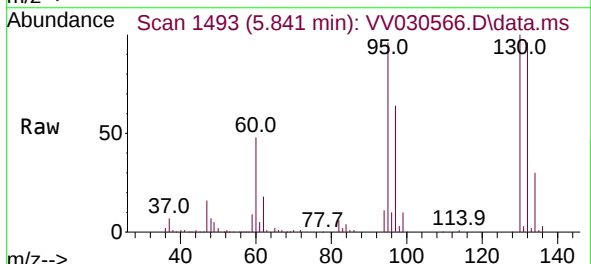
Ion Ratio Lower Upper

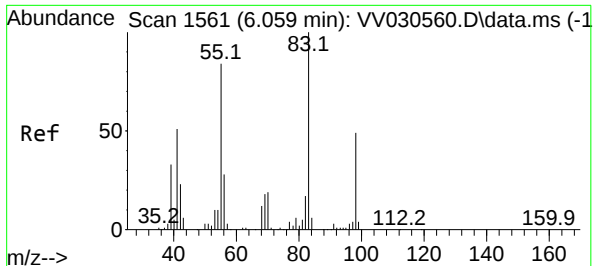
95 100

97 66.7 44.2 82.2

132 99.7 69.5 129.1

130 104.1 72.2 134.0

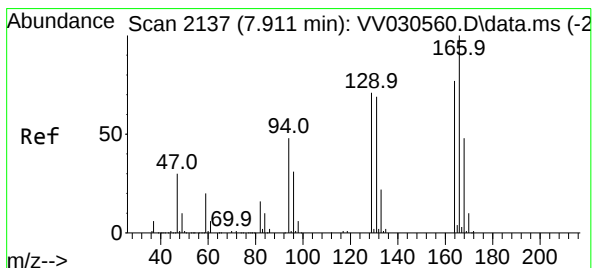
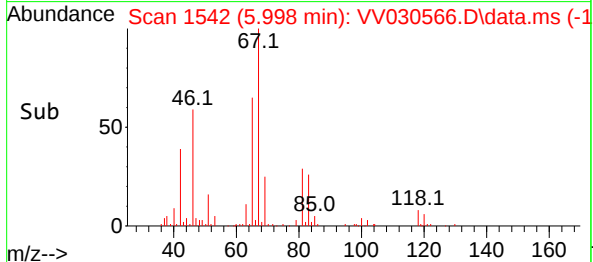
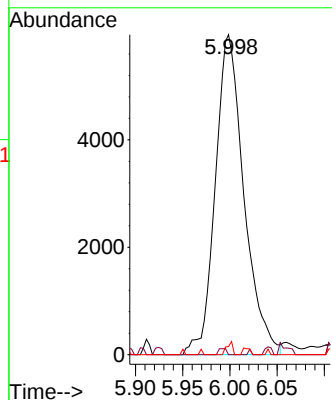
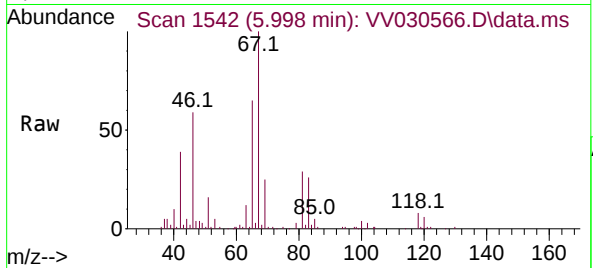




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

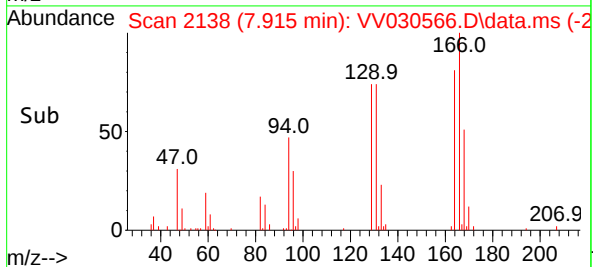
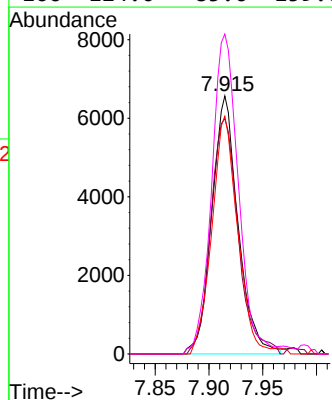
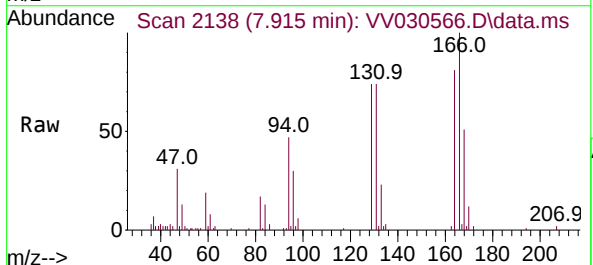
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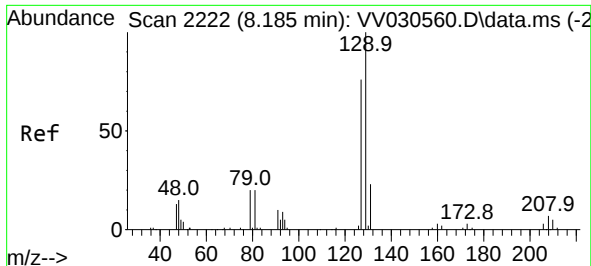
Tgt Ion: 83 Resp: 12577
Ion Ratio Lower Upper
83 100
55 0.5 66.6 100.0#
98 0.8 38.6 58.0#



#47
Tetrachloroethene
Concen: 1.072 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

Tgt Ion:164 Resp: 11166
Ion Ratio Lower Upper
164 100
129 91.1 60.8 112.8
131 92.1 61.7 114.7
166 124.0 85.6 159.0

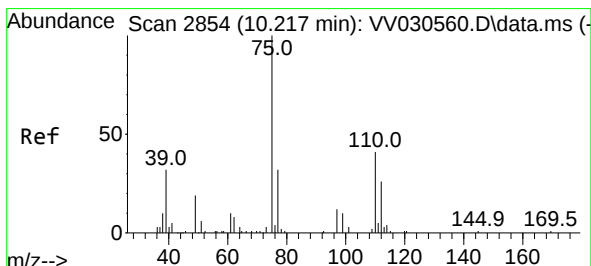
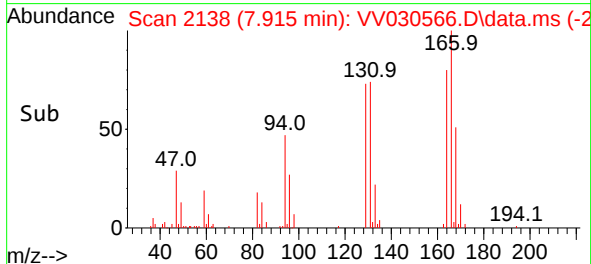
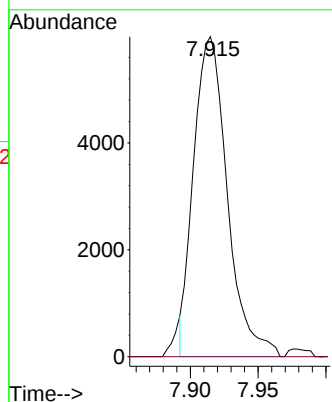
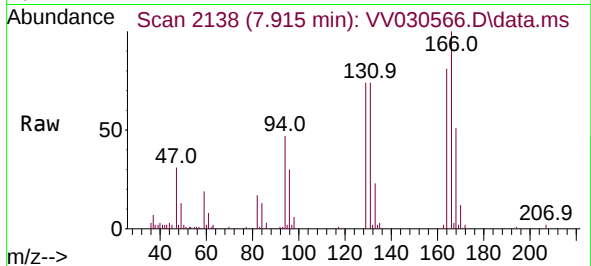




#49
Dibromochloromethane
Concen: 1.100 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

Instrument :
MSVOA_V
ClientSampleId :
BHDZ0DL

Tgt Ion:129 Resp: 10359
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#



#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.974 min
Lab File: VV030566.D
Acq: 14 Apr 2023 12:24

Tgt Ion: 75 Resp: 6550
Ion Ratio Lower Upper
75 100
77 37.9 26.0 39.0
110 5.3 31.6 47.4#

