

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034093.D
 Acq On : 09 Feb 2024 05:21
 Operator : SY/MD
 Sample : P1402-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

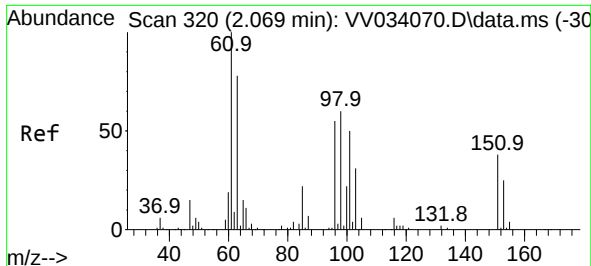
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 05:43:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	81528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18916	2.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.532	69	19809	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.060	65	10563	3.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.799	46	48674	45.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	4.253	84	49815	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.947	65	25265	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.963	84	89924	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.992	67	25557	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.246	98	80318	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.561	79	8466	3.600	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.027	63	41439	49.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17812	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	30984	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	13437	2.291	ug/L	99
12) 1,1-Dichloroethene	2.069	96	36680	6.440	ug/L	92
19) 1,1-Dichloroethane	3.114	63	18437	1.730	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	108876	16.543	ug/L	98
25) Chloroform	4.281	83	29647	2.751	ug/L	91
29) 1,1,1-Trichloroethane	4.519	97	9507	0.954	ug/L	96
31) Carbon tetrachloride	4.738	117	13982	1.603	ug/L	98
34) Trichloroethene	5.831	95	927083	143.833	ug/L	98
35) Methylcyclohexane	5.992	83	6777	0.670	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3283	0.609	ug/L #	87
45) 1,1,2-Trichloroethane	7.780	97	685	0.206	ug/L	89
47) Tetrachloroethene	7.905	164	133540	25.498	ug/L	93
49) Dibromochloromethane	7.905	129	114355	28.888	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	5145	1.862	ug/L #	63

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



#10

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

Concen: 2.291 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Instrument :

MSVOA_V

ClientSampleId :

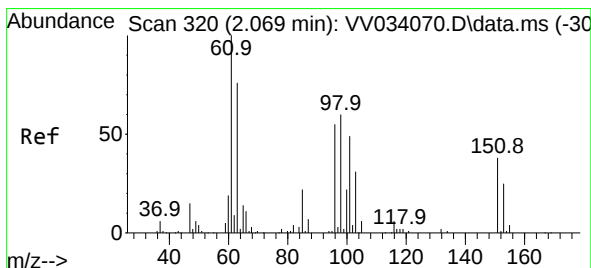
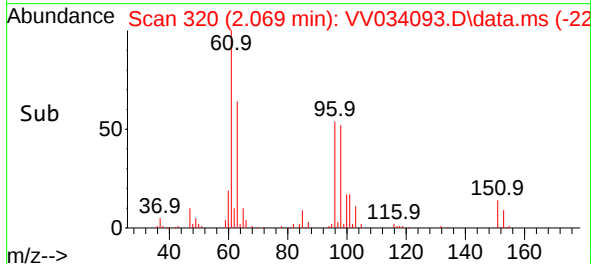
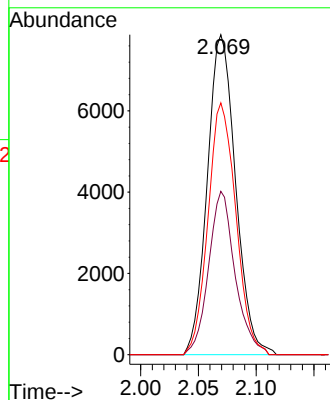
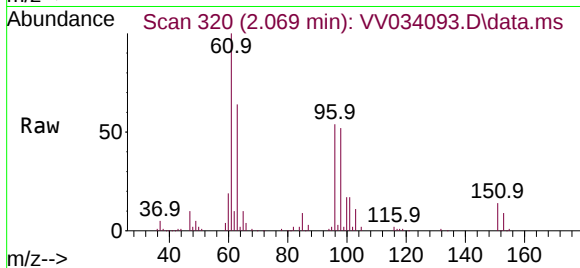
Tgt Ion:101 Resp: 13437

Ion Ratio Lower Upper

101 100

85 47.7 37.1 55.7

151 77.4 61.7 92.5



#12

1,1-Dichloroethene

Concen: 6.440 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

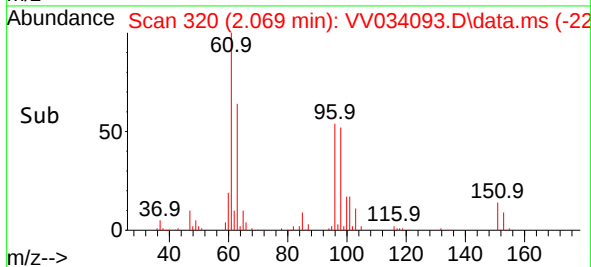
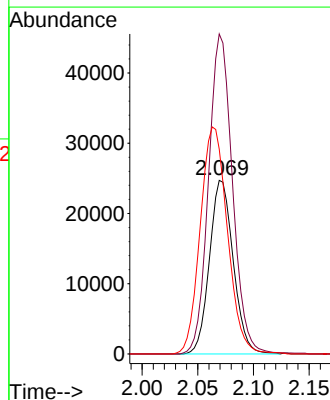
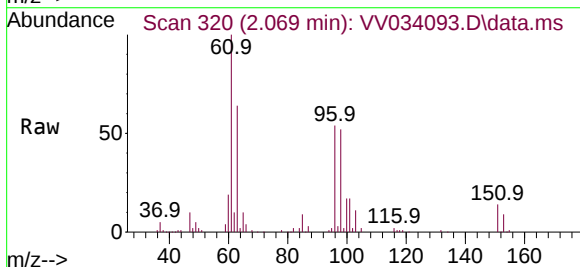
Tgt Ion: 96 Resp: 36680

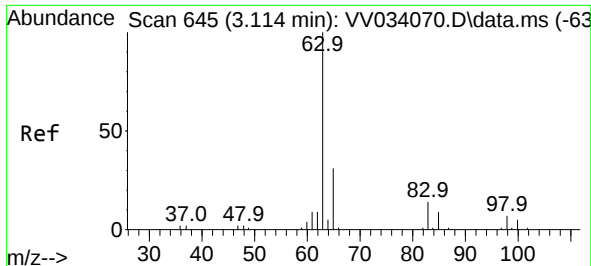
Ion Ratio Lower Upper

96 100

61 184.3 128.8 239.2

63 118.0 97.9 181.9





#19

1,1-Dichloroethane

Concen: 1.730 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Instrument :

MSVOA_V

ClientSampleId :

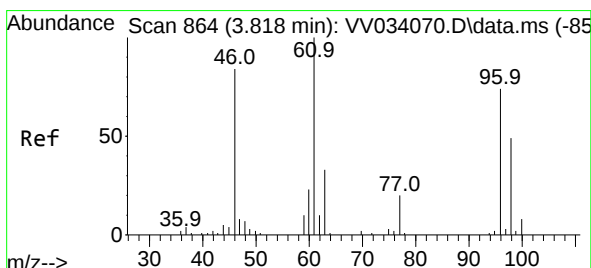
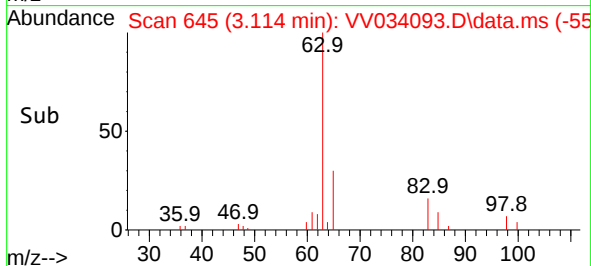
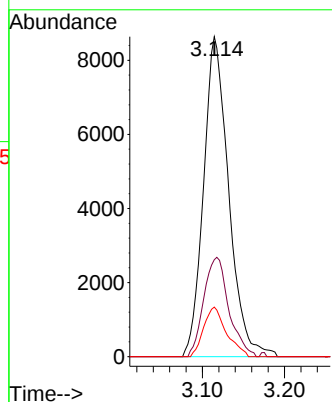
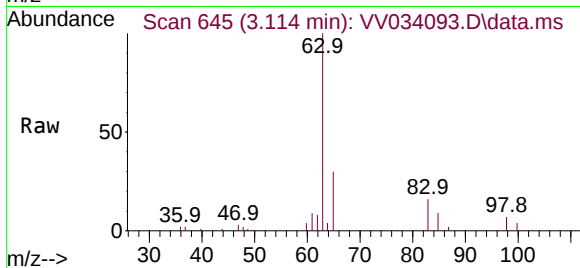
Tgt Ion: 63 Resp: 18437

Ion Ratio Lower Upper

63 100

65 29.2 20.8 38.6

83 14.9 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 16.543 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

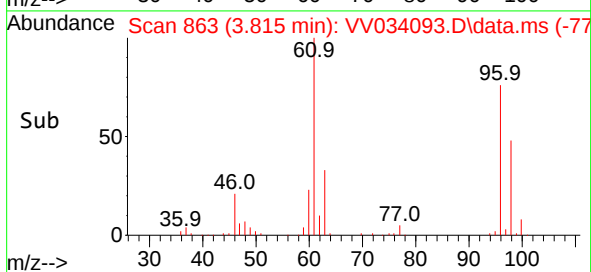
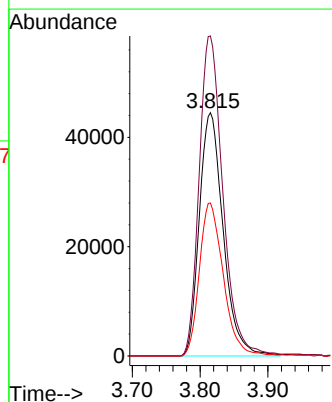
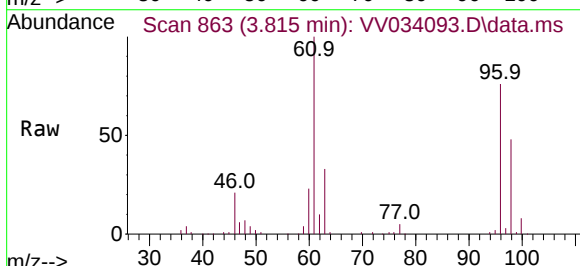
Tgt Ion: 96 Resp: 108876

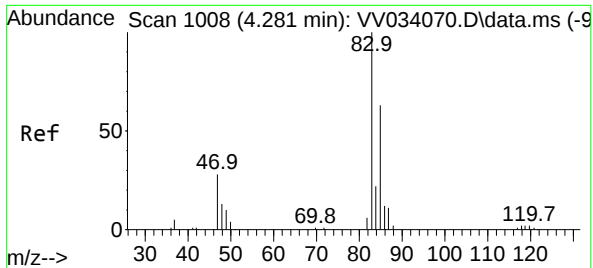
Ion Ratio Lower Upper

96 100

61 131.6 90.3 167.7

98 62.9 43.2 80.2

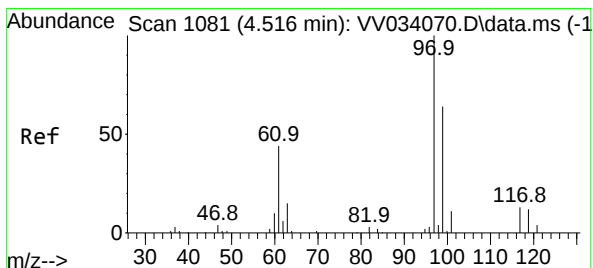
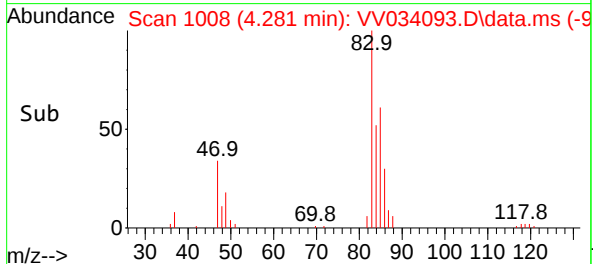
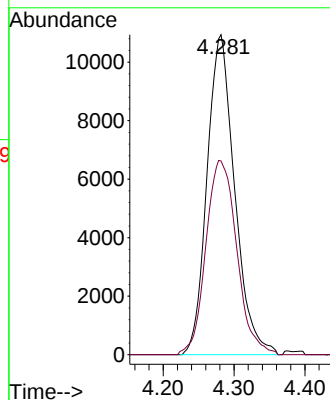
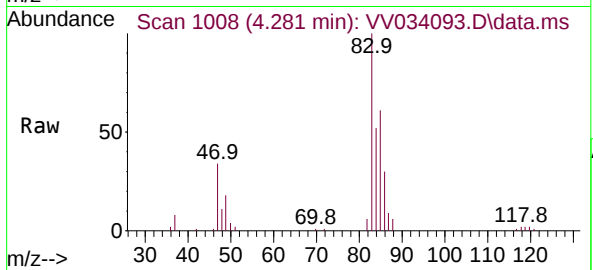




#25
Chloroform
Concen: 2.751 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

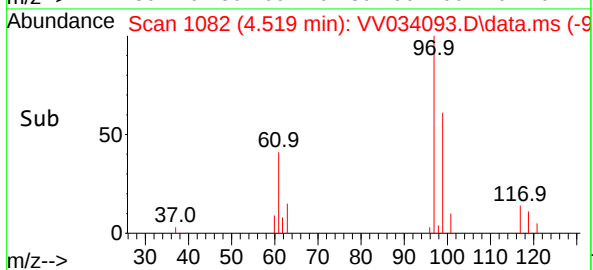
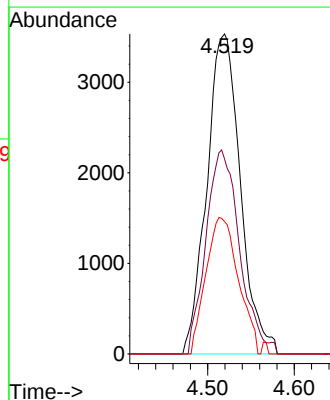
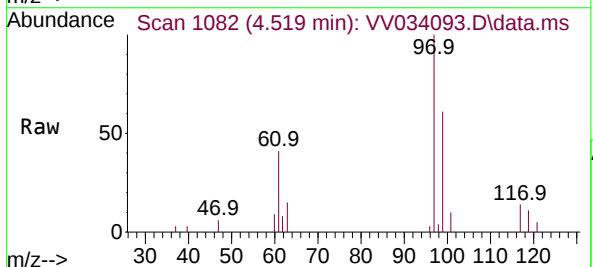
Instrument :
MSVOA_V
ClientSampleId :

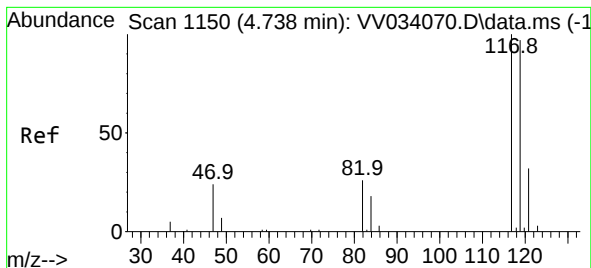
Tgt Ion: 83 Resp: 29647
Ion Ratio Lower Upper
83 100
85 60.6 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 0.954 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt Ion: 97 Resp: 9507
Ion Ratio Lower Upper
97 100
99 64.1 50.6 75.8
61 41.4 36.8 55.2





#31

Carbon tetrachloride

Concen: 1.603 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Instrument :

MSVOA_V

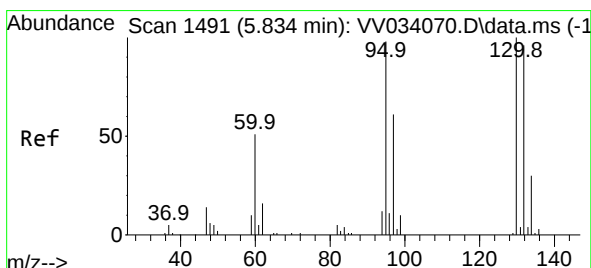
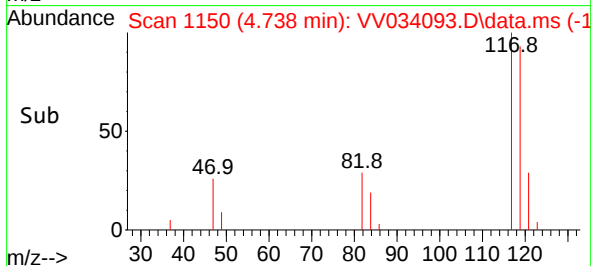
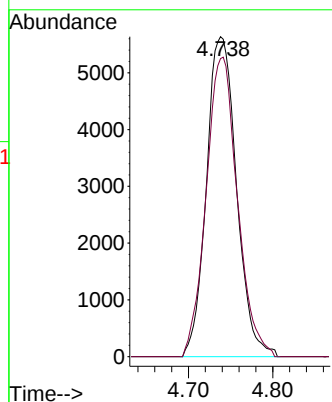
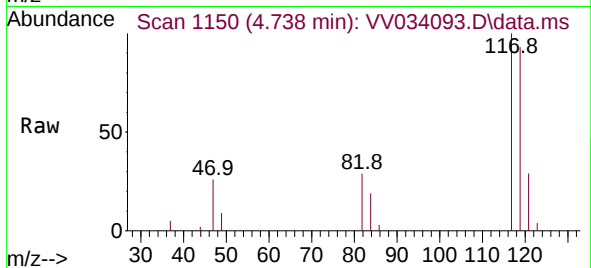
ClientSampleId :

Tgt Ion:117 Resp: 13982

Ion Ratio Lower Upper

117 100

119 97.2 76.1 114.1



#34

Trichloroethene

Concen: 143.833 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Tgt Ion: 95 Resp: 927083

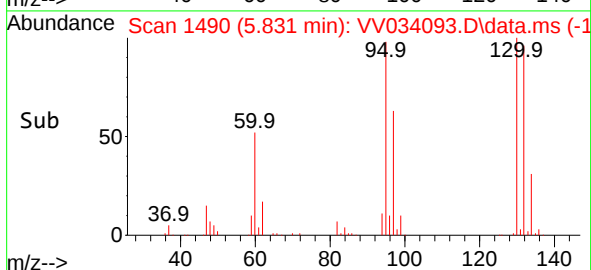
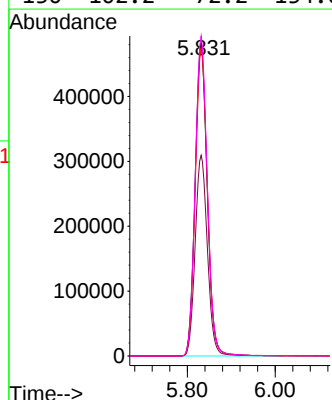
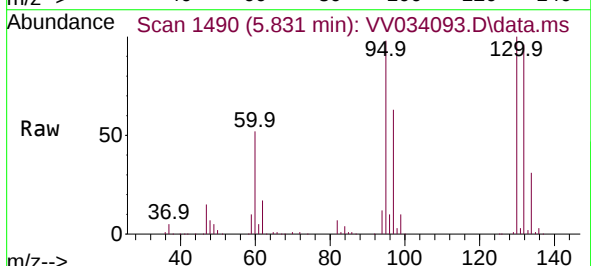
Ion Ratio Lower Upper

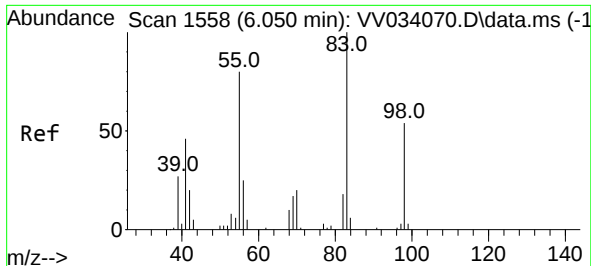
95 100

97 64.1 45.1 83.7

132 98.5 66.0 122.6

130 102.2 72.2 134.0

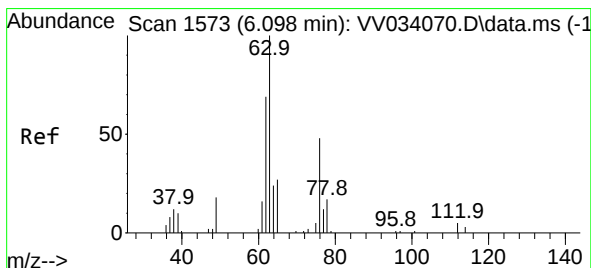
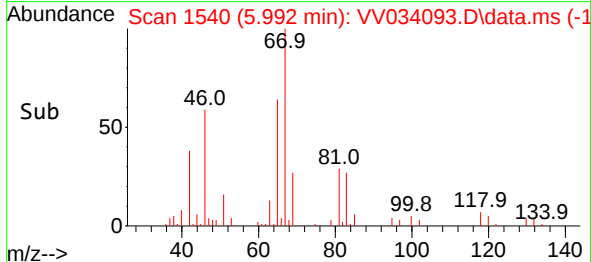
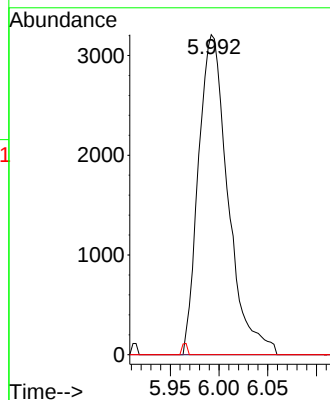
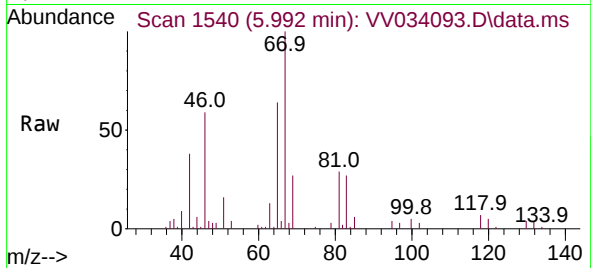




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

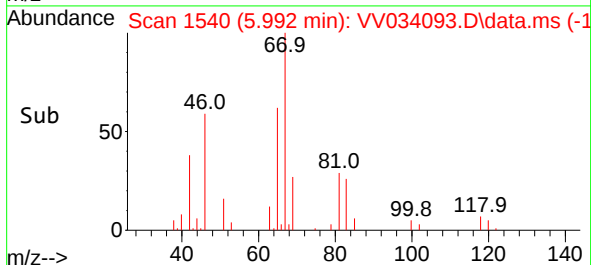
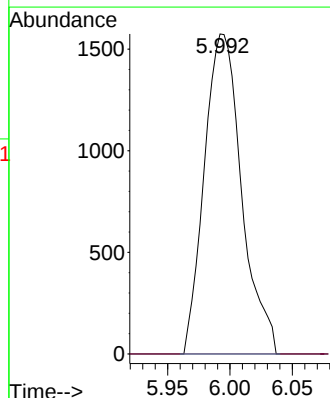
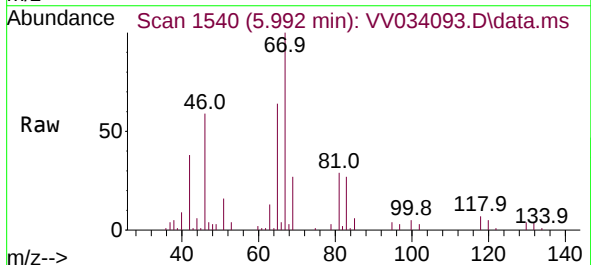
Instrument :
MSVOA_V
ClientSampleId :

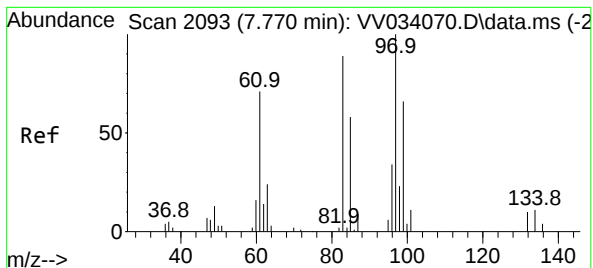
Tgt Ion: 83 Resp: 6777
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt Ion: 63 Resp: 3283
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.206 ug/L

RT: 7.780 min Scan# 2093

Delta R.T. 0.010 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 685

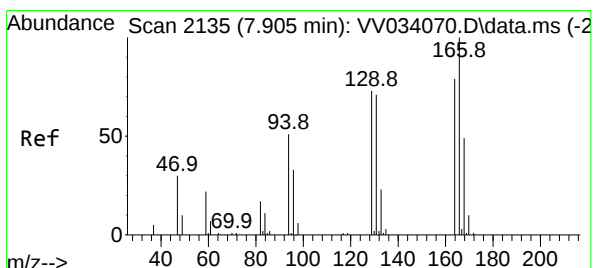
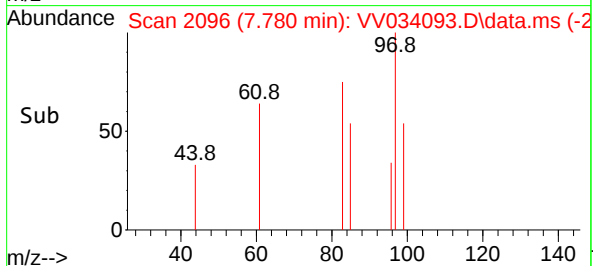
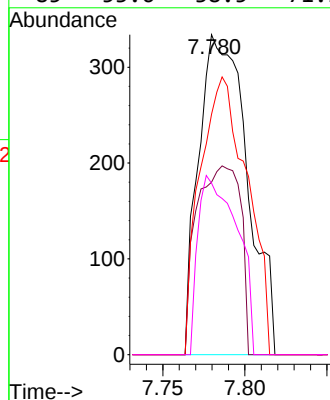
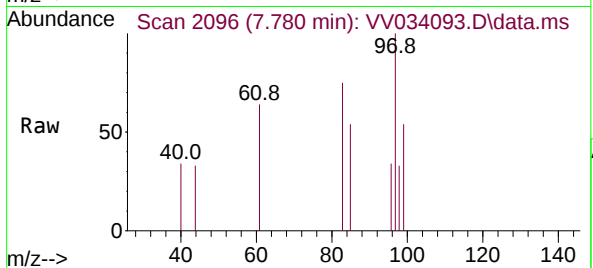
Ion Ratio Lower Upper

97 100

99 53.9 45.6 84.6

83 75.1 62.3 115.7

85 53.6 38.5 71.5



#47

Tetrachloroethene

Concen: 25.498 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Tgt Ion:164 Resp: 133540

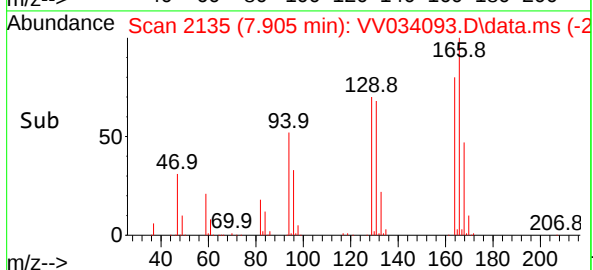
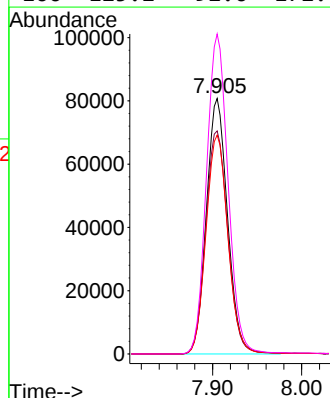
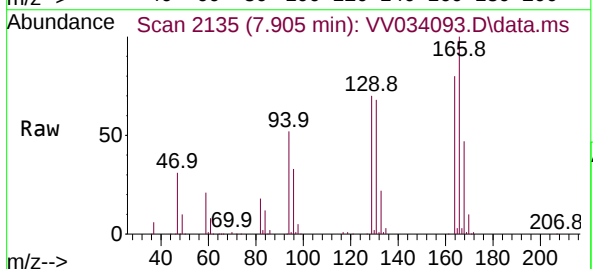
Ion Ratio Lower Upper

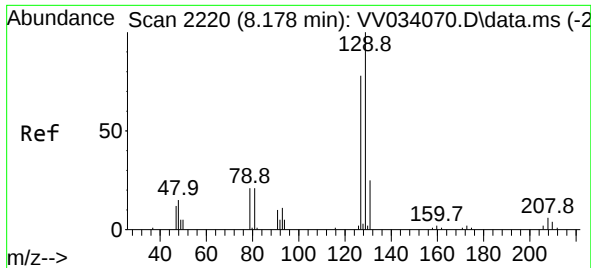
164 100

129 87.3 67.8 125.8

131 85.6 63.0 117.0

166 125.2 92.6 172.0

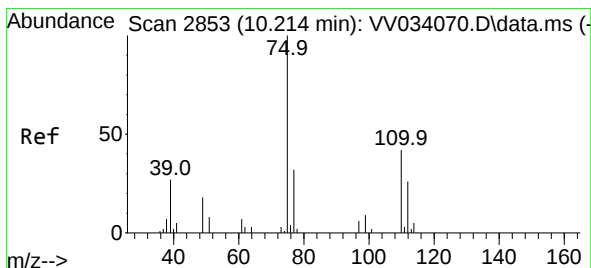
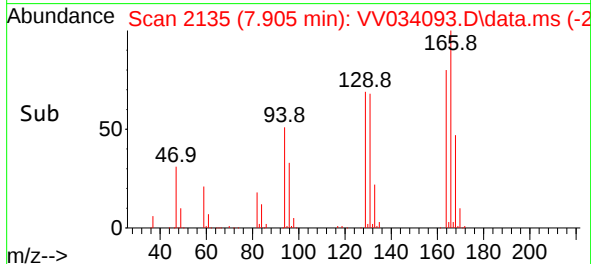
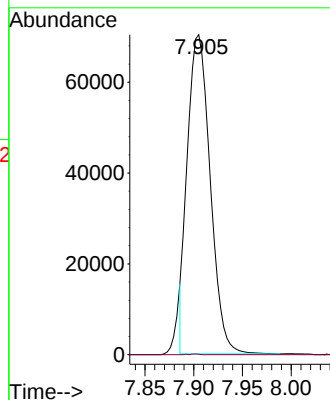
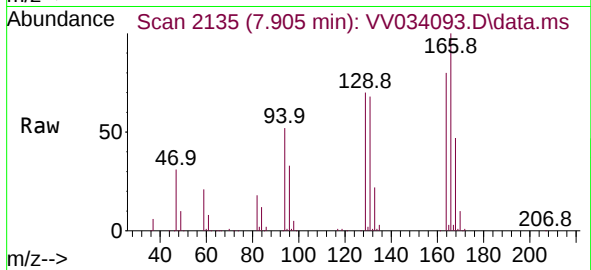




#49
Dibromochloromethane
Concen: 28.888 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.273 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 114355
Ion Ratio Lower Upper
129 100
127 0.2 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.862 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.971 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt Ion: 75 Resp: 5145
Ion Ratio Lower Upper
75 100
77 31.0 26.9 40.3
110 1.9 33.3 49.9#

