

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071323\
 Data File : VV031698.D
 Acq On : 13 Jul 2023 16:30
 Operator : SY/MD
 Sample : VV0713WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

Quant Time: Jul 14 06:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	193934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	205875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	88371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77095	4.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	70511	4.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.059	65	40127	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.805	46	202808	46.222	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.440%
24) Chloroform-d	4.259	84	172782	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.950	65	91184	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.969	84	284298	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.998	67	106890	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.252	98	226420	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	34085	4.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.034	63	138468	43.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	77570	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	83682	5.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4856	0.231	ug/L	94
3) Chloromethane	1.230	50	5622	0.258	ug/L	99
5) Vinyl chloride	1.281	62	4779	0.229	ug/L #	52
6) Bromomethane	1.487	94	3843	0.301	ug/L	90
8) Chloroethane	1.551	64	3423	0.283	ug/L	97
9) Trichlorofluoromethane	1.712	101	8070	0.268	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5367	0.324	ug/L #	87
12) 1,1-Dichloroethene	2.069	96	4864	0.321	ug/L #	1
13) Acetone	2.127	43	9551	3.421	ug/L	99
14) Carbon disulfide	2.243	76	8452	0.180	ug/L	96
15) Methyl Acetate	2.400	43	1895	0.317	ug/L #	60
16) Methylene chloride	2.449	84	6989	0.348	ug/L	90
17) Methyl tert-butyl Ether	2.715	73	7021	0.253	ug/L #	89
18) trans-1,2-Dichloroethene	2.706	96	3321	0.254	ug/L	89
19) 1,1-Dichloroethane	3.117	63	7341	0.257	ug/L	99
22) cis-1,2-Dichloroethene	3.821	96	3467	0.268	ug/L	91
23) Bromochloromethane	4.165	128	792	0.122	ug/L #	36
27) 1,2-Dichloroethane	5.069	62	3545	0.200	ug/L #	92
29) 1,1,1-Trichloroethane	4.526	97	6393	0.257	ug/L #	79

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 ALS Vial : 9 Sample Multiplier: 1

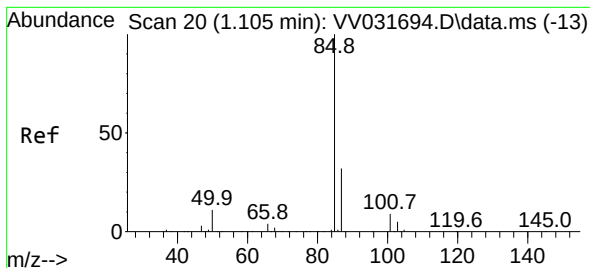
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

Quant Time: Jul 14 06:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	4.593	56	3965	0.219	ug/L #	91
33) Benzene	5.024	78	14383	0.275	ug/L	100
34) Trichloroethene	5.847	95	4482	0.302	ug/L #	66
35) Methylcyclohexane	6.050	83	3444	0.187	ug/L #	83
37) 1,2-Dichloropropane	6.104	63	3134	0.209	ug/L #	94
38) Bromodichloromethane	6.445	83	4791	0.240	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	4255	0.228	ug/L	90
40) 4-Methyl-2-pentanone	7.175	43	16612	2.070	ug/L #	89
42) Toluene	7.333	91	13300	0.263	ug/L	96
44) trans-1,3-Dichloropropene	7.599	75	3119	0.191	ug/L #	80
45) 1,1,2-Trichloroethane	7.792	97	2340	0.210	ug/L #	75
47) Tetrachloroethene	7.921	164	2833	0.277	ug/L	84
48) 2-Hexanone	8.095	43	24260	4.126	ug/L #	98
49) Dibromochloromethane	8.188	129	1959	0.164	ug/L	97
50) 1,2-Dibromoethane	8.294	107	2438	0.234	ug/L #	95
51) Chlorobenzene	8.824	112	9259	0.278	ug/L	91
53) m,p-Xylene	9.085	106	4596	0.248	ug/L	81
54) o-Xylene	9.490	106	3032	0.177	ug/L	73
55) Styrene	9.513	104	6808	0.210	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.185	83	3473	0.294	ug/L	91
59) Bromoform	9.670	173	1565	0.265	ug/L #	58
60) Isopropylbenzene	9.876	105	9387	0.240	ug/L #	90
61) 1,2,3-Trichloropropane	10.217	75	2510	0.320	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.484	105	7976	0.253	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	7735	0.245	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	5841	0.277	ug/L	89
65) 1,4-Dichlorobenzene	11.220	146	6734	0.302	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	6801	0.336	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	4895	0.317	ug/L #	96
70) 1,2,4-trichlorobenzene	13.210	180	4099	0.335	ug/L	96
71) Naphthalene	13.451	128	7757	0.393	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.689	180	3313	0.293	ug/L #	90

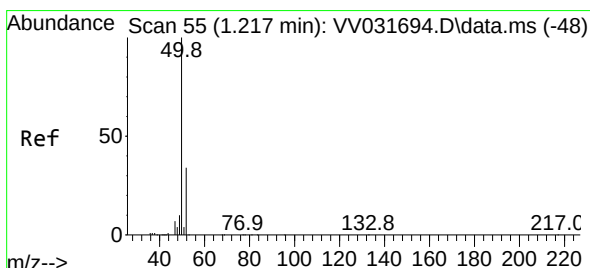
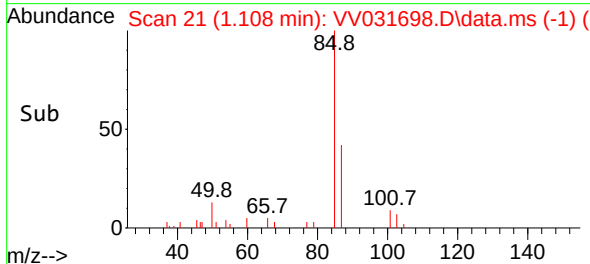
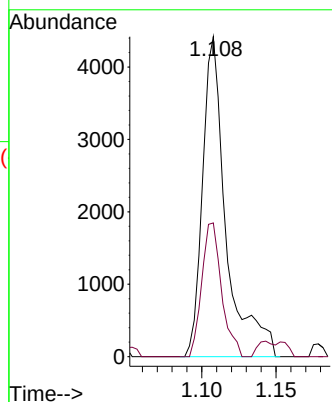
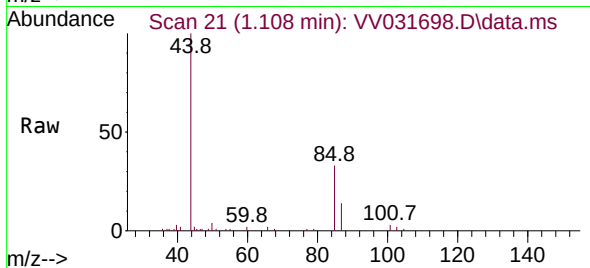
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.231 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031698.D
 Acq: 13 Jul 2023 16:30

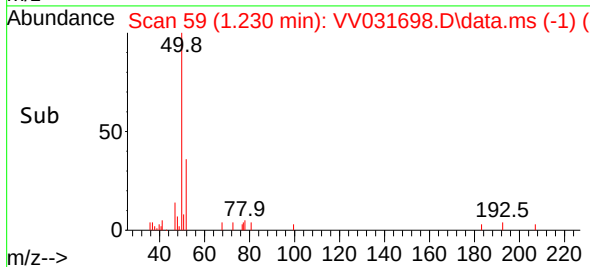
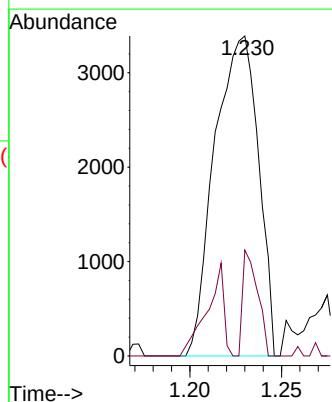
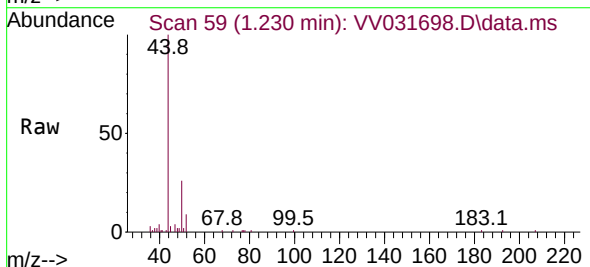
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

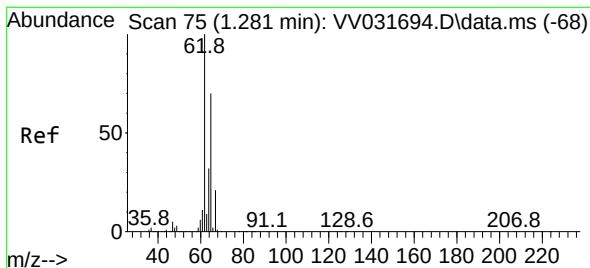
Tgt Ion: 85 Resp: 4856
 Ion Ratio Lower Upper
 85 100
 87 35.2 25.5 38.3



#3
 Chloromethane
 Concen: 0.258 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.013 min
 Lab File: VV031698.D
 Acq: 13 Jul 2023 16:30

Tgt Ion: 50 Resp: 5622
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.5 43.7

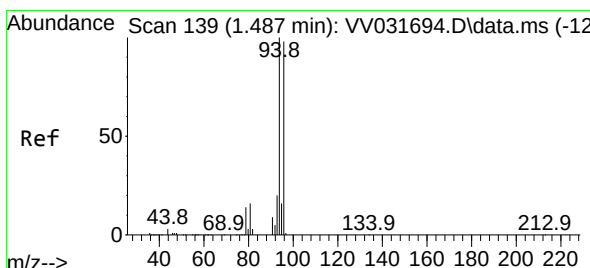
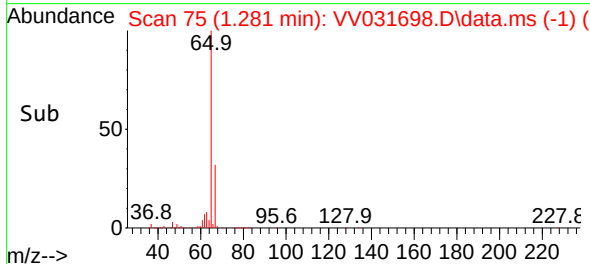
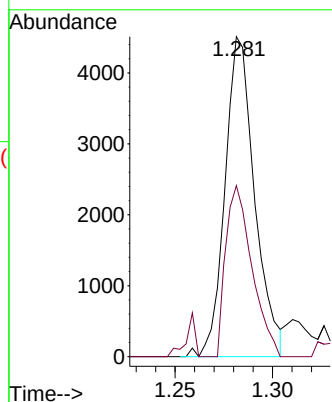
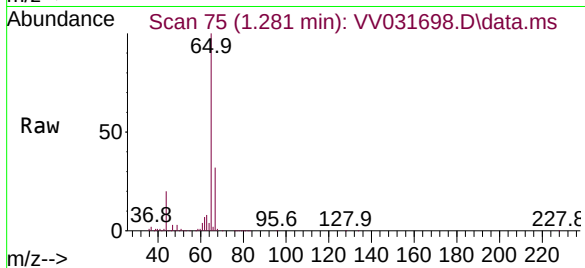




#5
 Vinyl chloride
 Concen: 0.229 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031698.D
 Acq: 13 Jul 2023 16:30

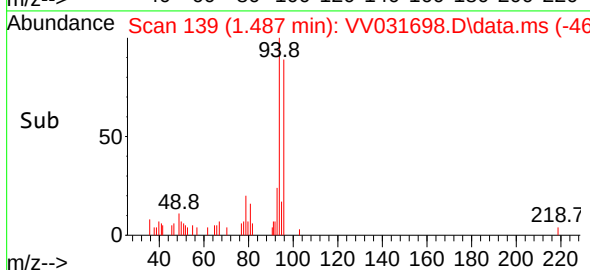
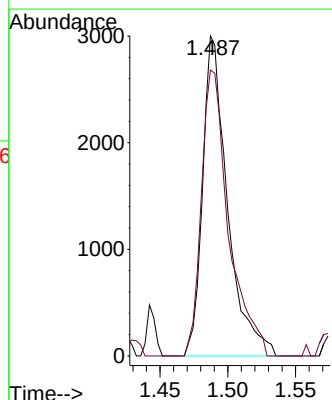
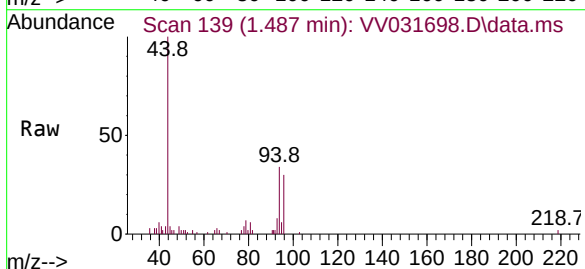
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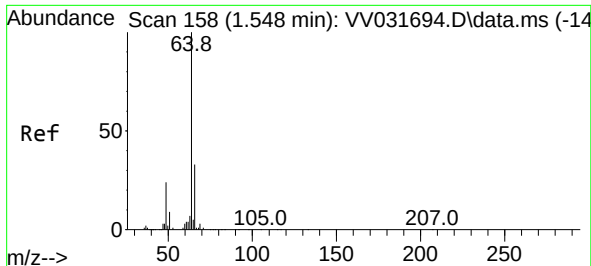
Tgt Ion: 62 Resp: 4779
 Ion Ratio Lower Upper
 62 100
 64 53.4 71.7 133.1#



#6
 Bromomethane
 Concen: 0.301 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031698.D
 Acq: 13 Jul 2023 16:30

Tgt Ion: 94 Resp: 3843
 Ion Ratio Lower Upper
 94 100
 96 89.3 69.4 128.8

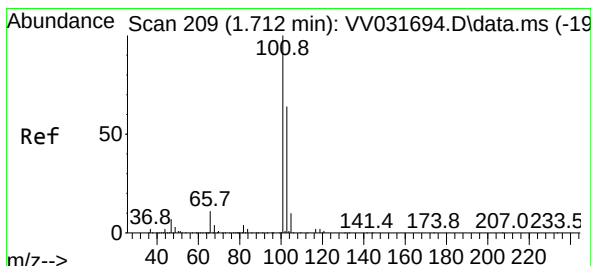
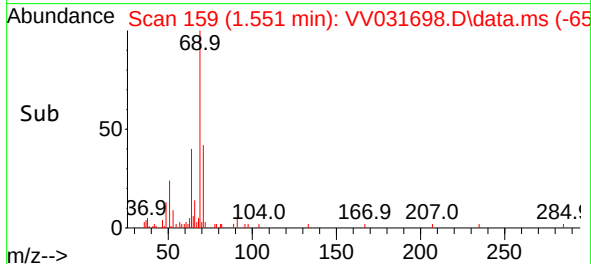
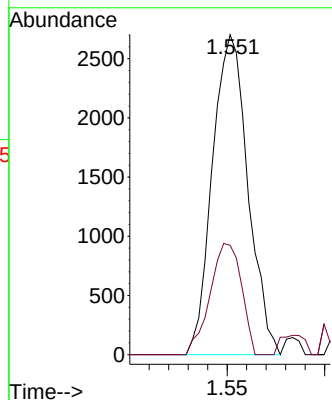
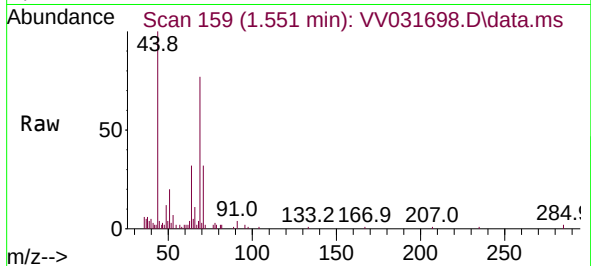




#8
Chloroethane
Concen: 0.283 ug/L
RT: 1.551 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

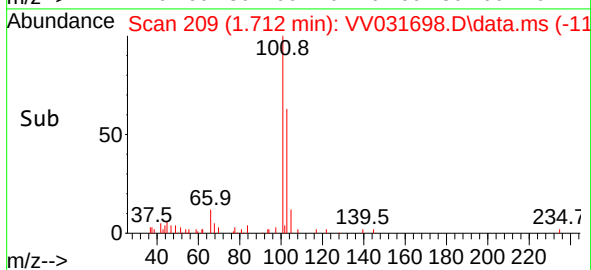
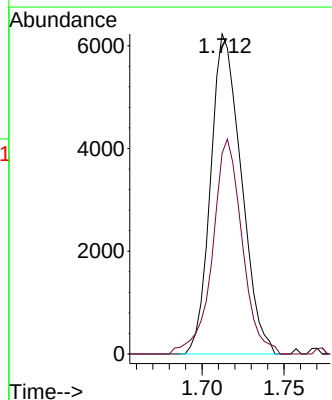
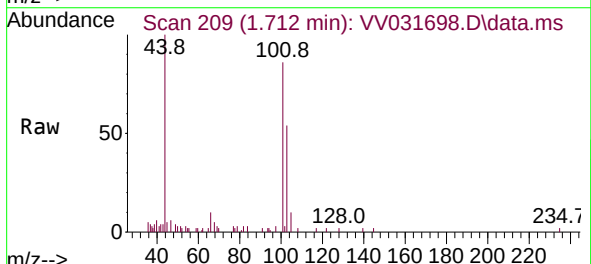
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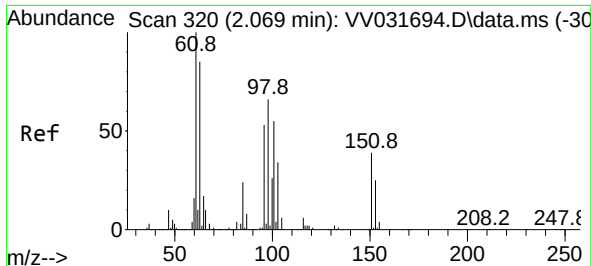
Tgt Ion: 64 Resp: 3423
Ion Ratio Lower Upper
64 100
66 34.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.268 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion: 101 Resp: 8070
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6





#10

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

Concen: 0.324 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

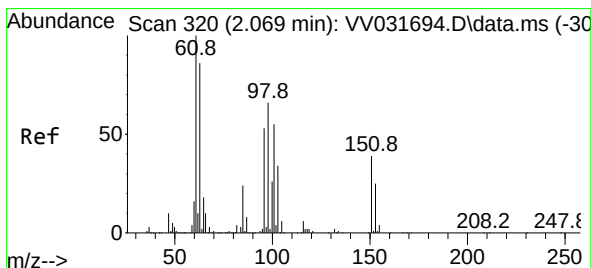
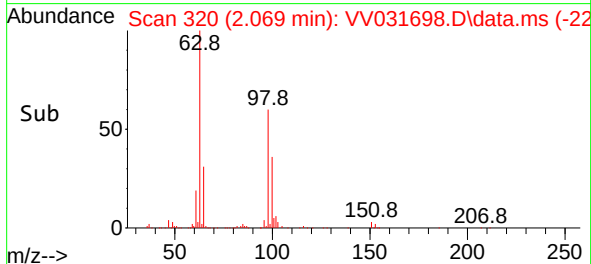
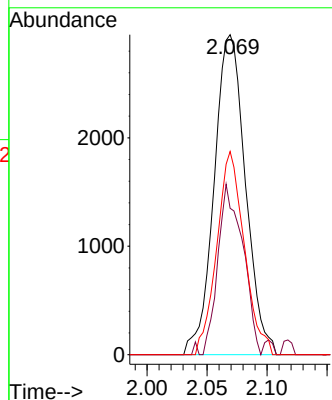
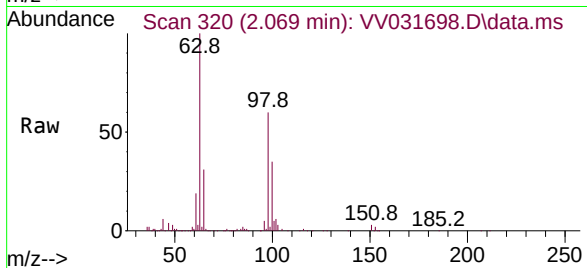
Tgt Ion:101 Resp: 5367

Ion Ratio Lower Upper

101 100

85 42.3 36.2 54.2

151 55.6 56.6 84.8#



#12

1,1-Dichloroethene

Concen: 0.321 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

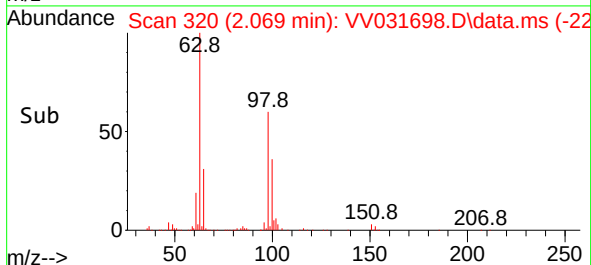
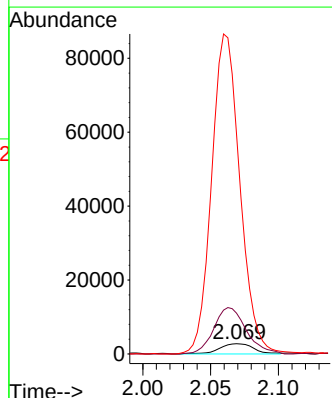
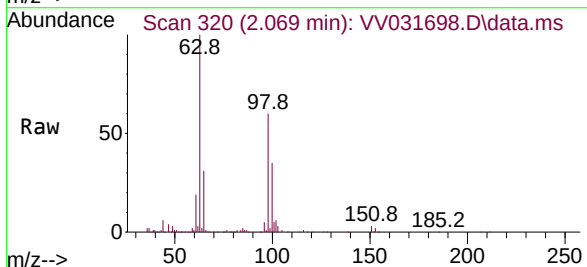
Tgt Ion: 96 Resp: 4864

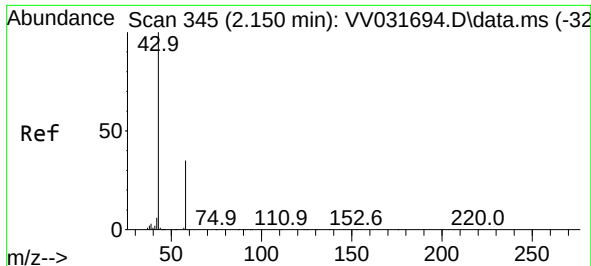
Ion Ratio Lower Upper

96 100

61 400.9 131.3 243.9#

63 2161.5 112.6 209.2#





#13

Acetone

Concen: 3.421 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

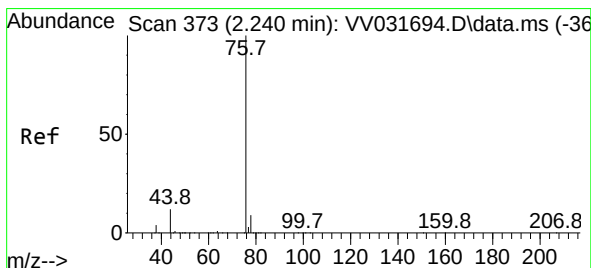
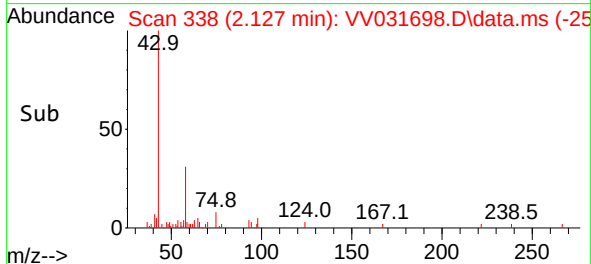
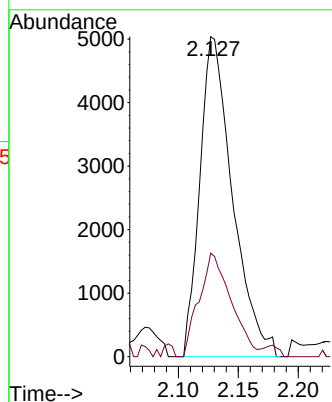
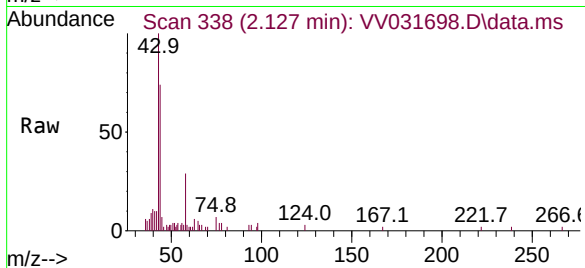
VBLK348

Tgt Ion: 43 Resp: 9551

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.6



#14

Carbon disulfide

Concen: 0.180 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV031698.D

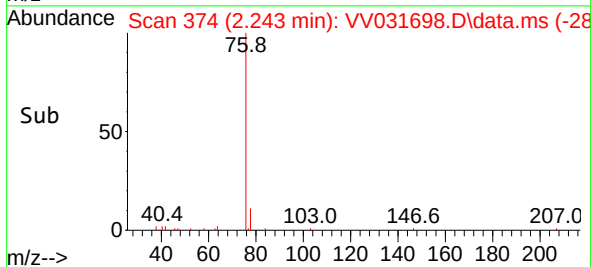
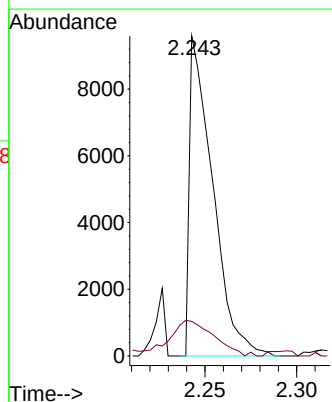
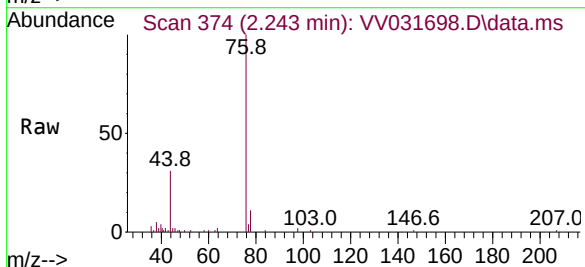
Acq: 13 Jul 2023 16:30

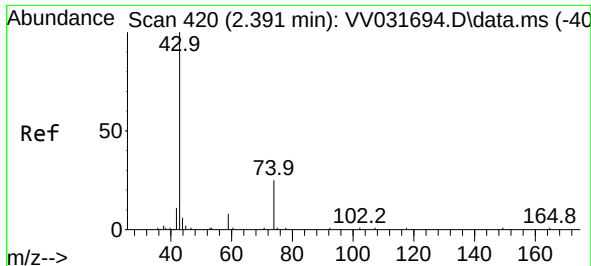
Tgt Ion: 76 Resp: 8452

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.2

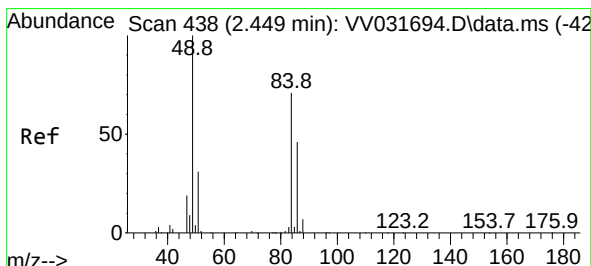
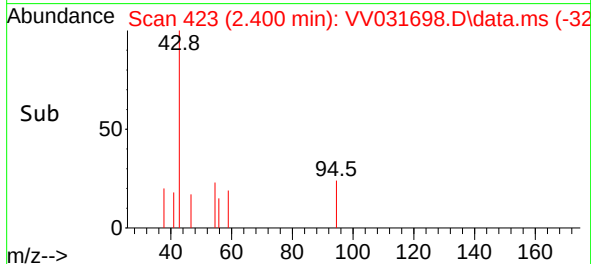
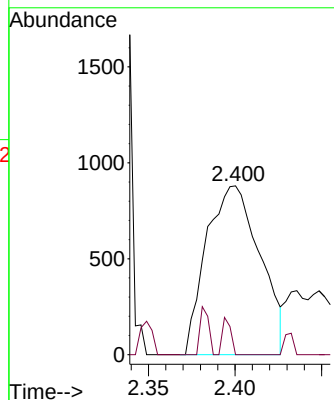
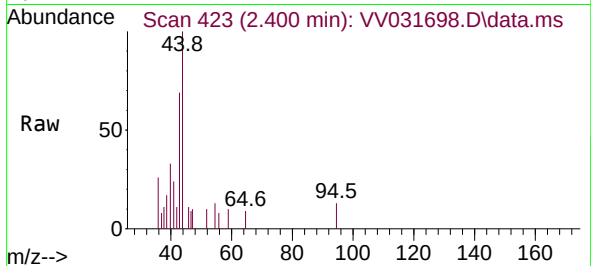




#15
Methyl Acetate
Concen: 0.317 ug/L
RT: 2.400 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

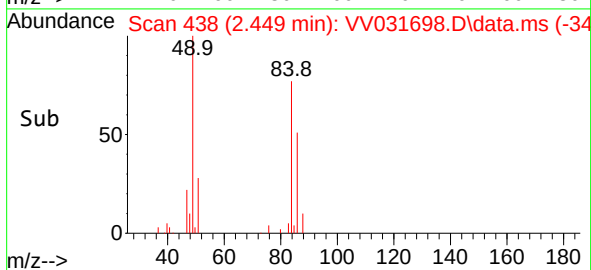
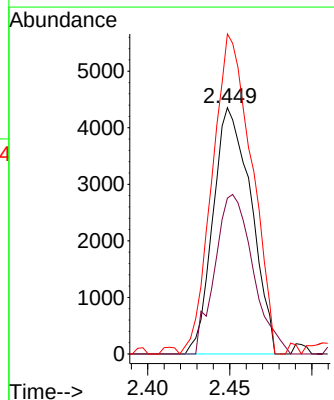
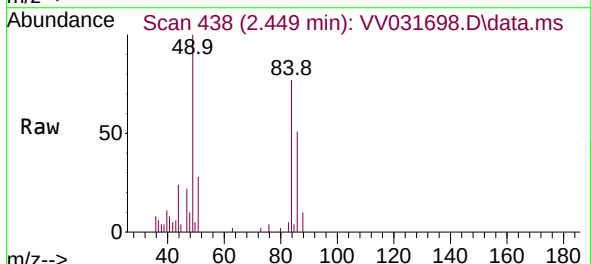
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

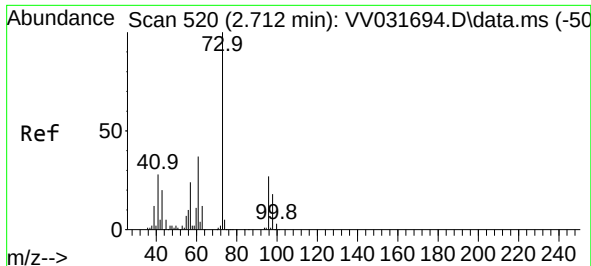
Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
74 3.5 18.0 27.0#



#16
Methylene chloride
Concen: 0.348 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion: 84 Resp: 6989
Ion Ratio Lower Upper
84 100
86 63.3 46.3 86.1
49 130.0 101.8 189.0





#17

Methyl tert-butyl Ether

Concen: 0.253 ug/L

RT: 2.715 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

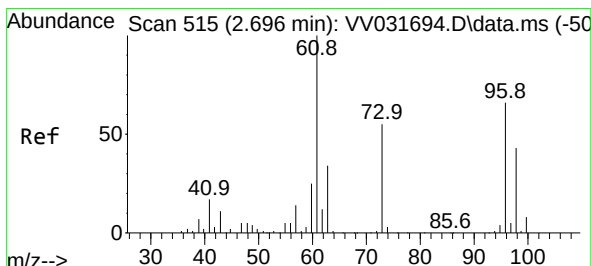
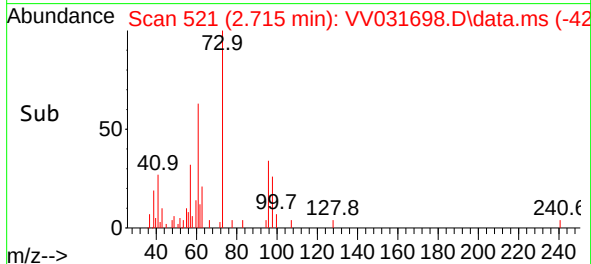
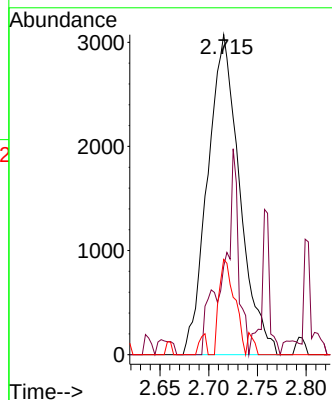
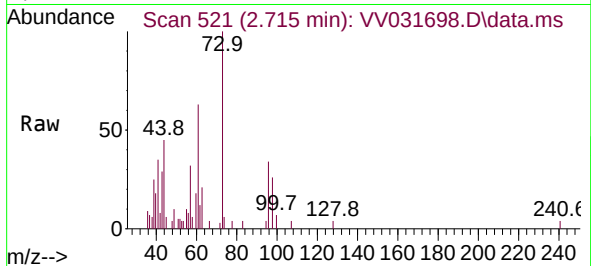
Tgt Ion: 73 Resp: 7021

Ion Ratio Lower Upper

73 100

43 22.8 18.1 27.1

57 14.4 19.6 29.4#



#18

trans-1,2-Dichloroethene

Concen: 0.254 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.010 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

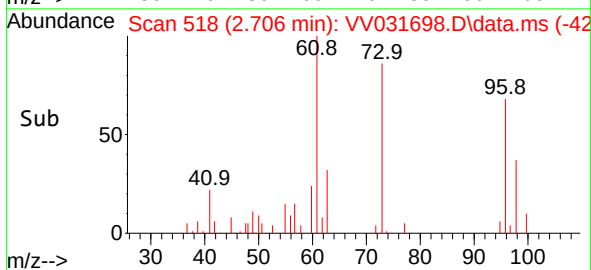
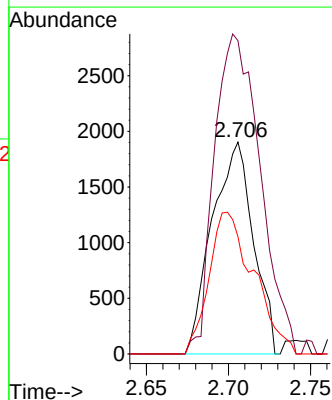
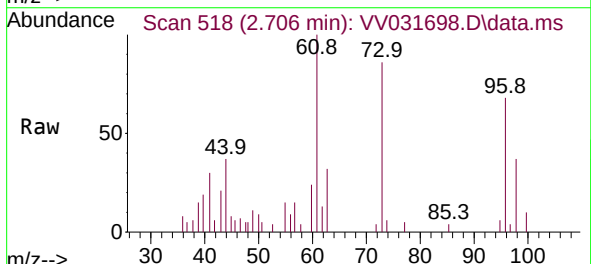
Tgt Ion: 96 Resp: 3321

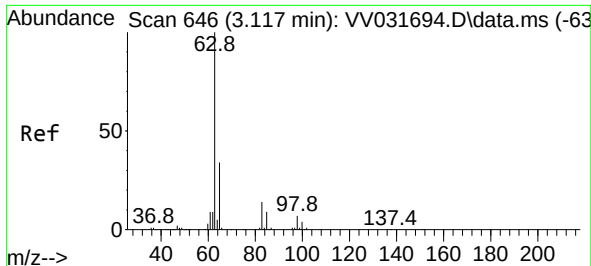
Ion Ratio Lower Upper

96 100

61 139.9 105.5 195.9

98 52.4 45.4 84.2

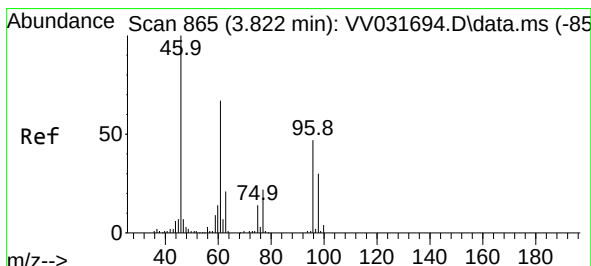
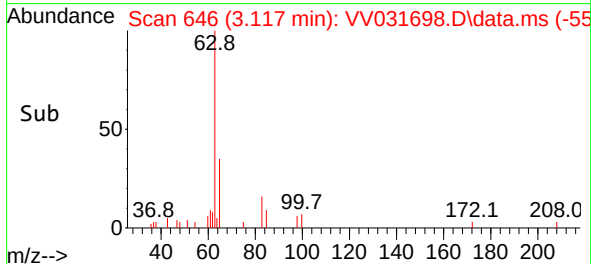
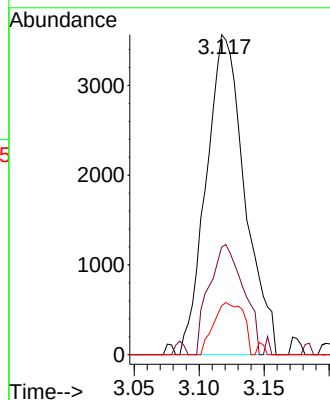
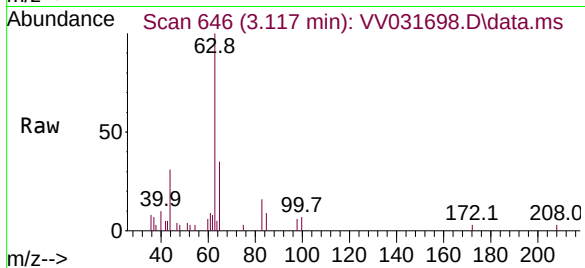




#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

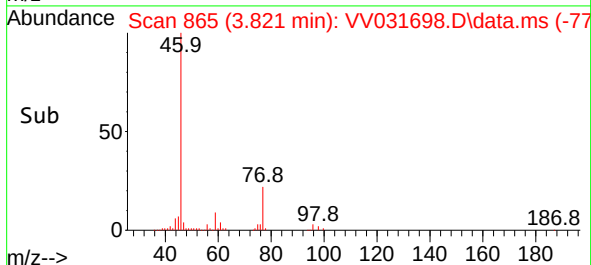
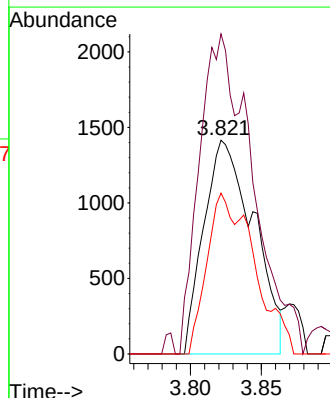
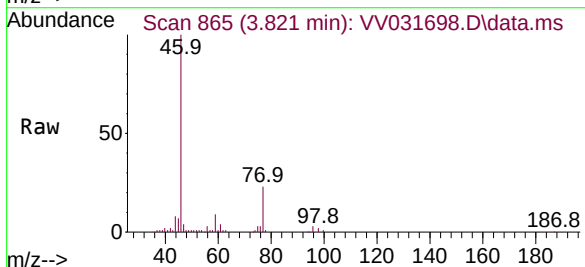
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

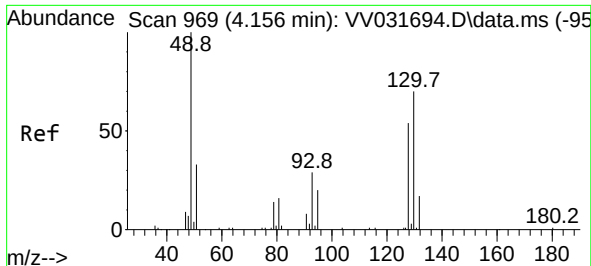
Tgt Ion:	63	Resp:	7341
Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.4	43.6
83	15.3	9.4	17.4



#22
cis-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 3.821 min Scan# 865
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:	96	Resp:	3467
Ion	Ratio	Lower	Upper
96	100		
61	149.8	99.4	184.6
98	75.3	45.1	83.7

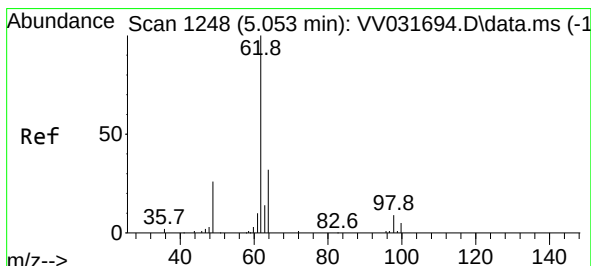
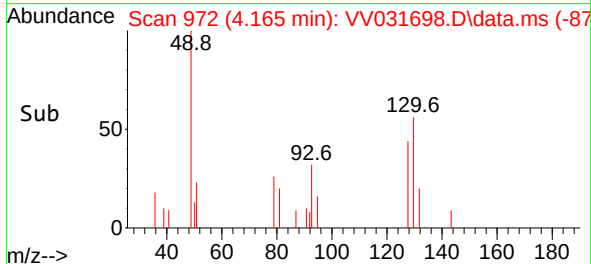
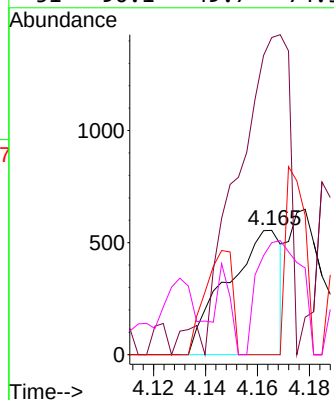
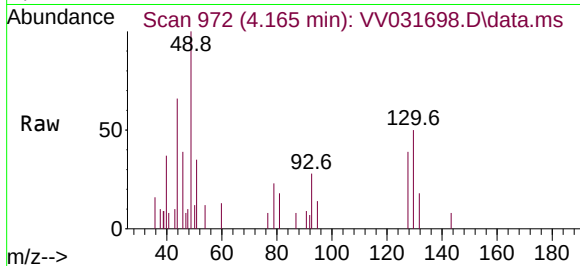




#23
Bromochloromethane
Concen: 0.122 ug/L
RT: 4.165 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

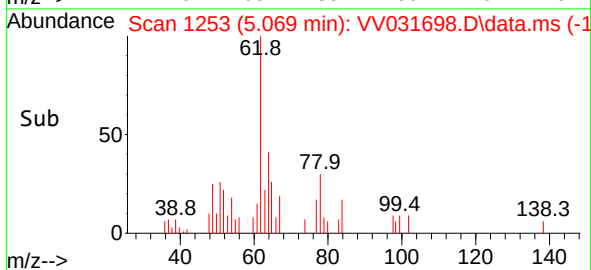
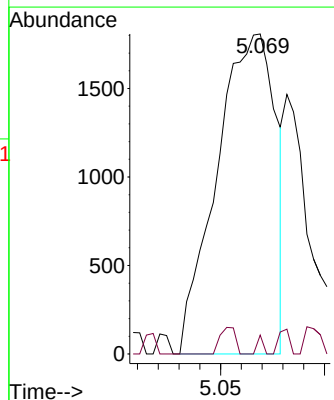
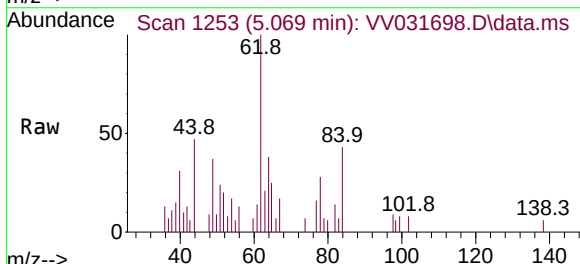
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

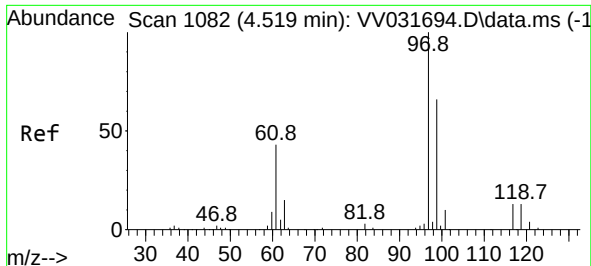
Tgt Ion:128 Resp: 792
Ion Ratio Lower Upper
128 100
49 255.0 136.1 252.7#
130 0.0 91.3 169.5#
51 90.1 49.7 74.5#



#27
1,2-Dichloroethane
Concen: 0.200 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. 0.016 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion: 62 Resp: 3545
Ion Ratio Lower Upper
62 100
98 5.9 7.0 10.4#





#29

1,1,1-Trichloroethane

Concen: 0.257 ug/L

RT: 4.526 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

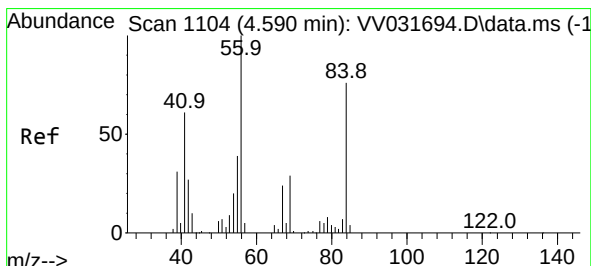
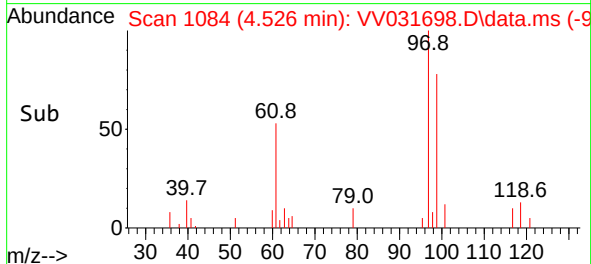
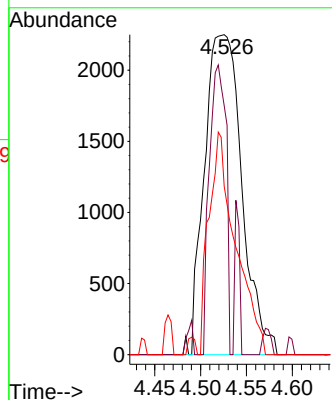
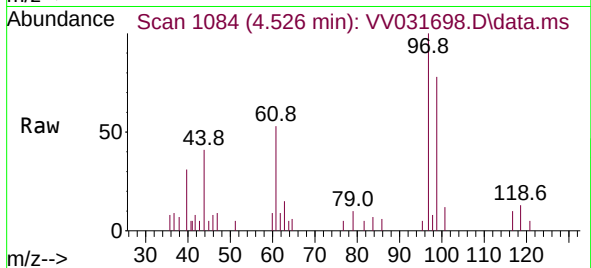
Tgt Ion: 97 Resp: 6393

Ion Ratio Lower Upper

97 100

99 40.1 50.4 75.6#

61 49.6 35.6 53.4



#30

Cyclohexane

Concen: 0.219 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

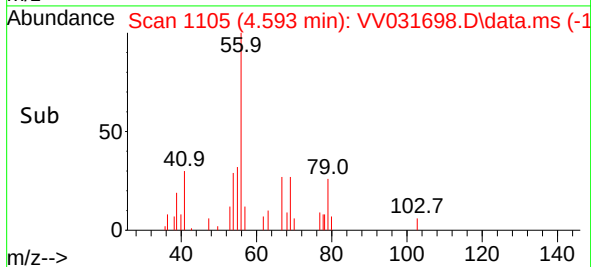
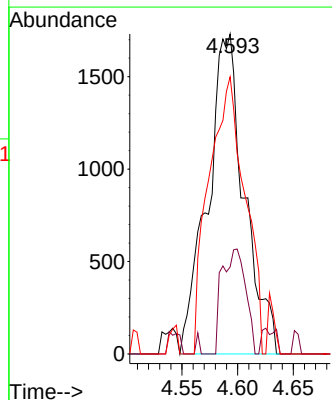
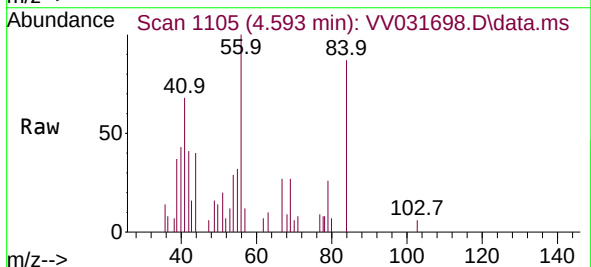
Tgt Ion: 56 Resp: 3965

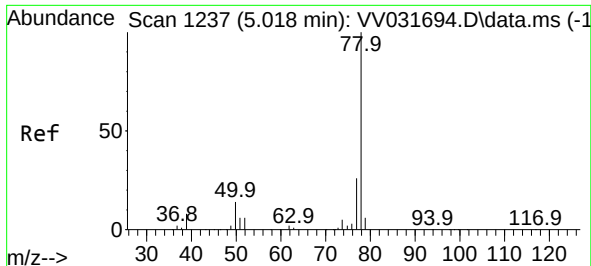
Ion Ratio Lower Upper

56 100

69 21.1 22.9 34.3#

84 84.9 62.7 94.1





#33

Benzene

Concen: 0.275 ug/L

RT: 5.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

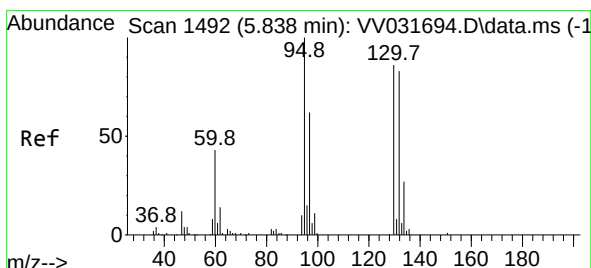
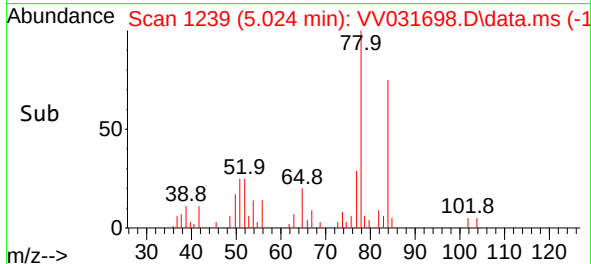
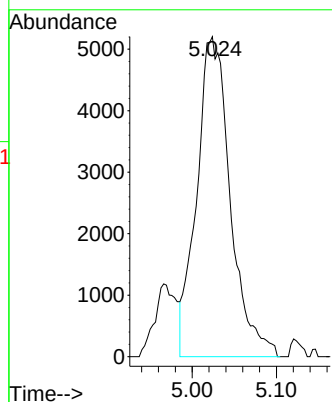
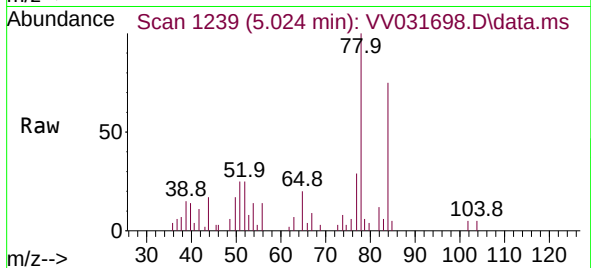
Instrument :

MSVOA_V

ClientSampleId :

VBLK348

Tgt Ion: 78 Resp: 14383



#34

Trichloroethene

Concen: 0.302 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Tgt Ion: 95 Resp: 4482

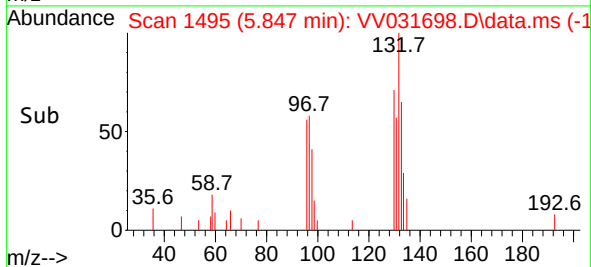
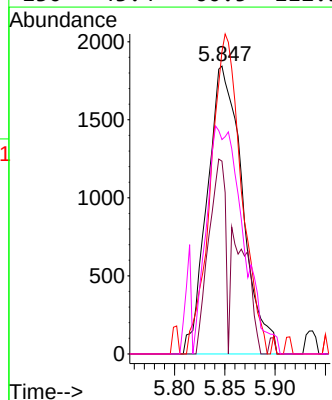
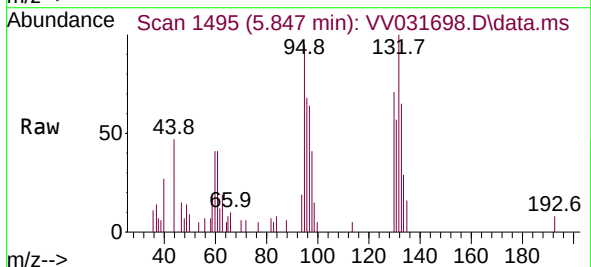
Ion Ratio Lower Upper

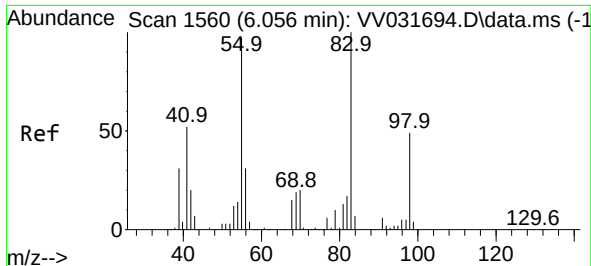
95 100

97 39.0 43.3 80.5#

132 61.2 58.3 108.3

130 43.4 60.5 112.5#





#35

Methylcyclohexane

Concen: 0.187 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.007 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

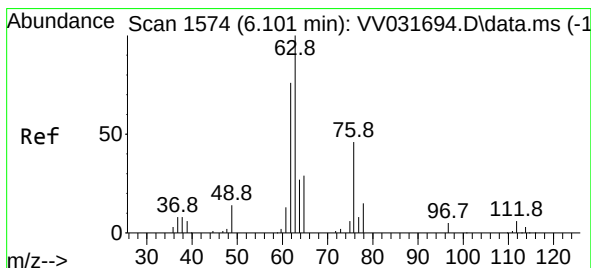
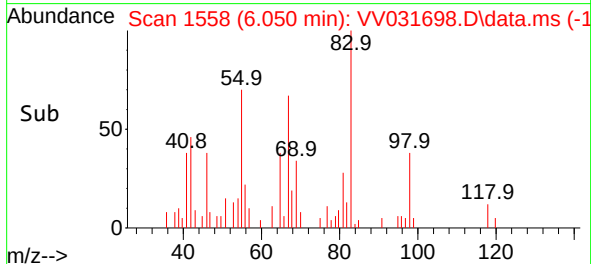
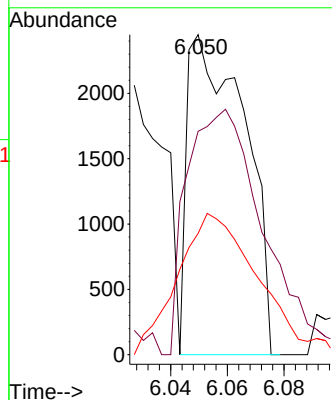
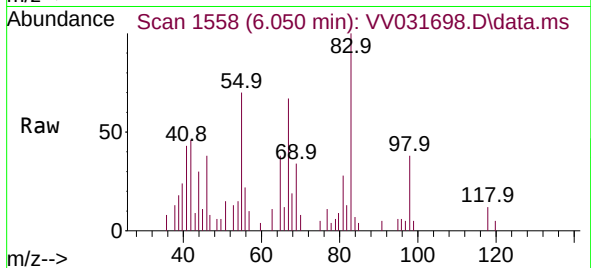
Tgt Ion: 83 Resp: 3444

Ion Ratio Lower Upper

83 100

55 103.0 73.8 110.6

98 61.7 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.209 ug/L

RT: 6.104 min Scan# 1575

Delta R.T. 0.003 min

Lab File: VV031698.D

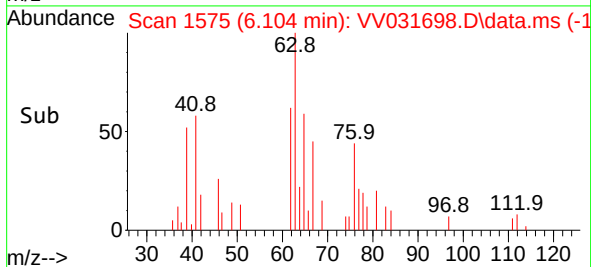
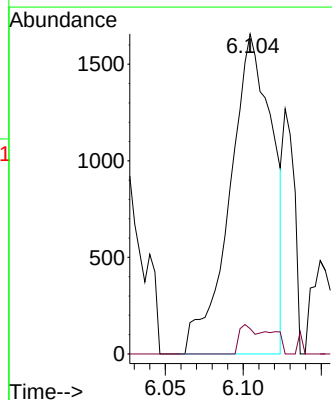
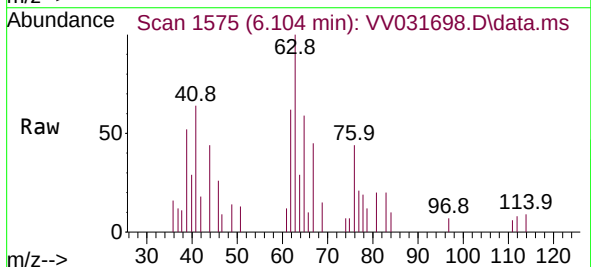
Acq: 13 Jul 2023 16:30

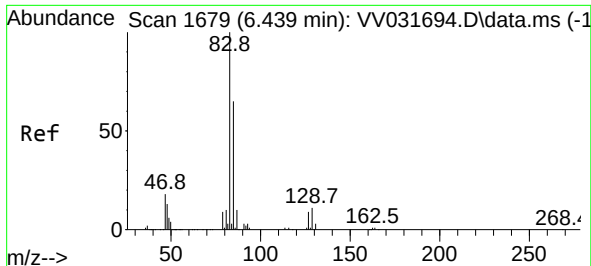
Tgt Ion: 63 Resp: 3134

Ion Ratio Lower Upper

63 100

112 3.8 1.4 2.2#

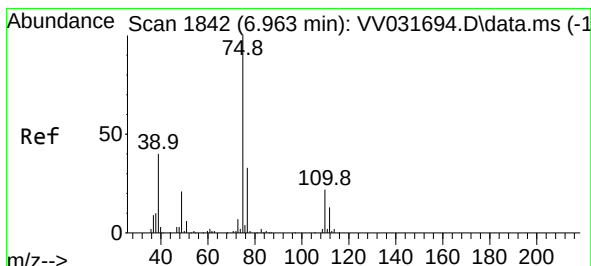
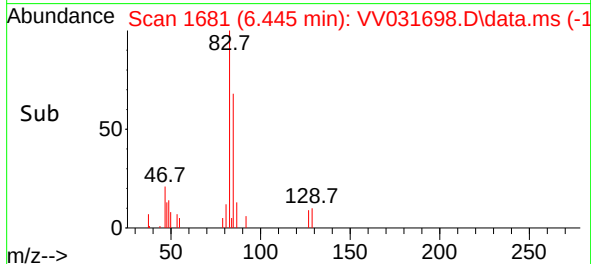
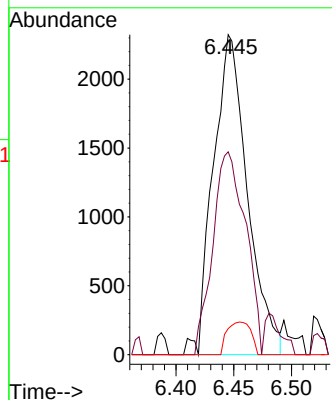
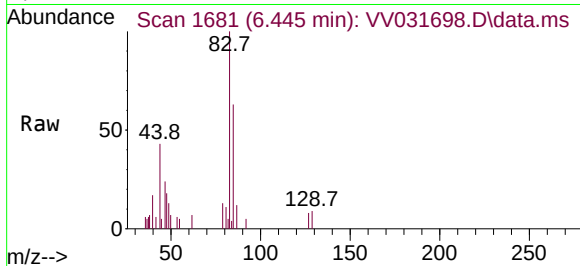




#38
Bromodichloromethane
Concen: 0.240 ug/L
RT: 6.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

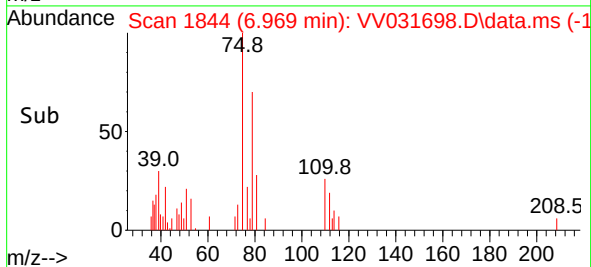
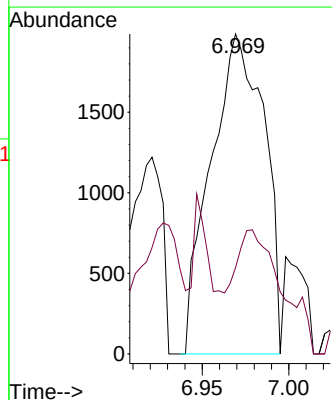
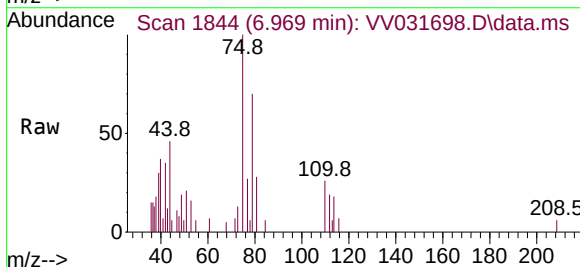
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

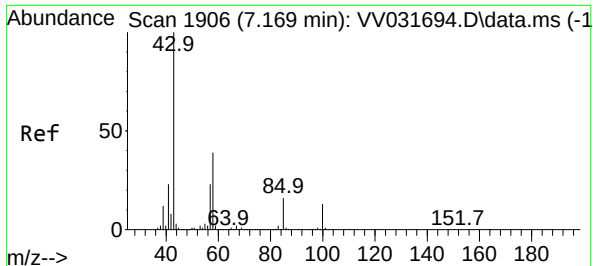
Tgt Ion: 83	Resp: 4791
Ion Ratio	Lower Upper
83	100
85	63.4 45.5 84.5
127	8.1 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 0.228 ug/L
RT: 6.969 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion: 75	Resp: 4255
Ion Ratio	Lower Upper
75	100
77	27.0 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 2.070 ug/L

RT: 7.175 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

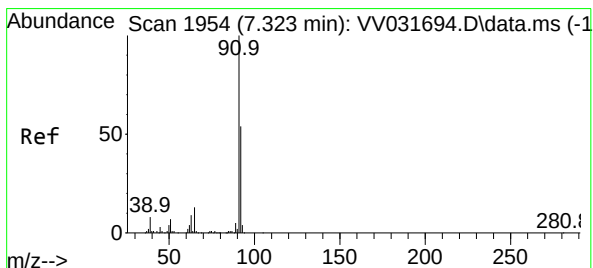
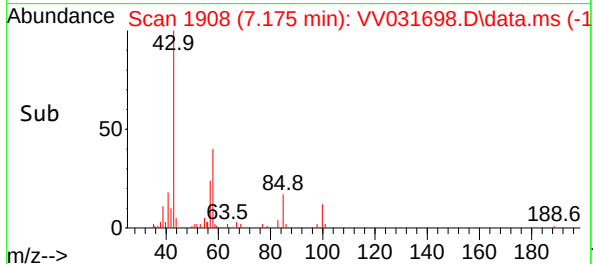
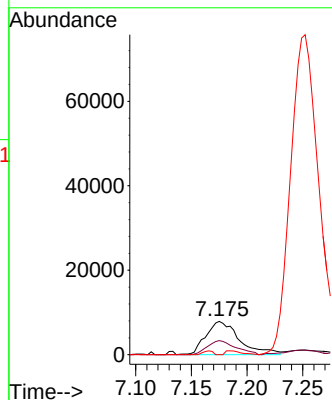
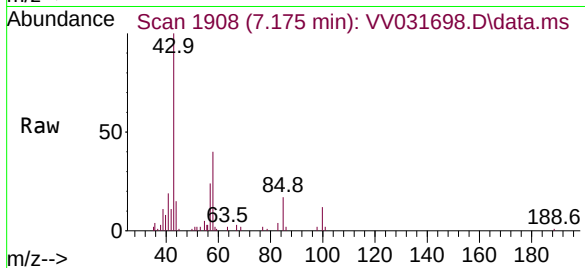
Tgt Ion: 43 Resp: 16612

Ion Ratio Lower Upper

43 100

58 35.5 30.3 45.5

100 0.0 9.7 14.5#



#42

Toluene

Concen: 0.263 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.010 min

Lab File: VV031698.D

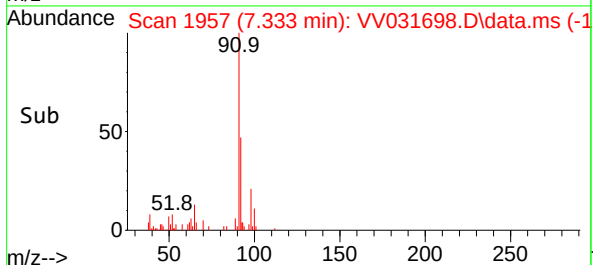
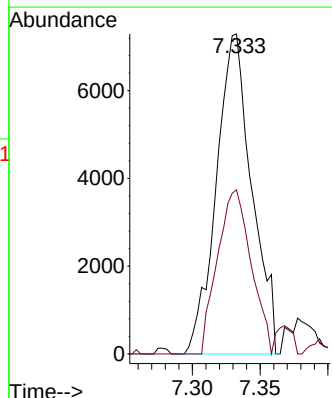
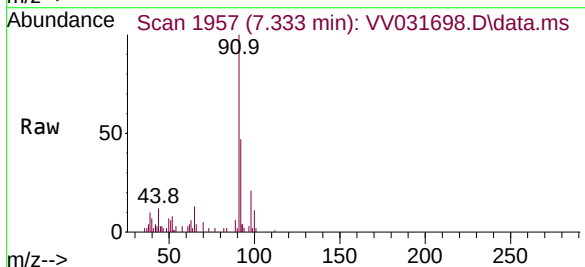
Acq: 13 Jul 2023 16:30

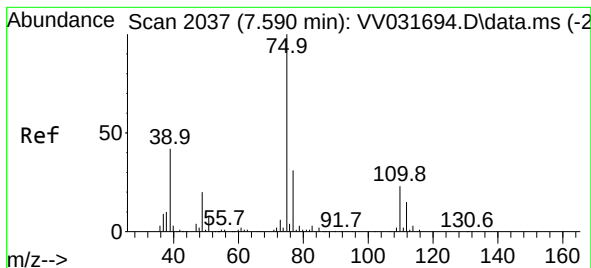
Tgt Ion: 91 Resp: 13300

Ion Ratio Lower Upper

91 100

92 51.3 38.1 70.7





#44

trans-1,3-Dichloropropene

Concen: 0.191 ug/L

RT: 7.599 min Scan# 2100

Delta R.T. 0.010 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

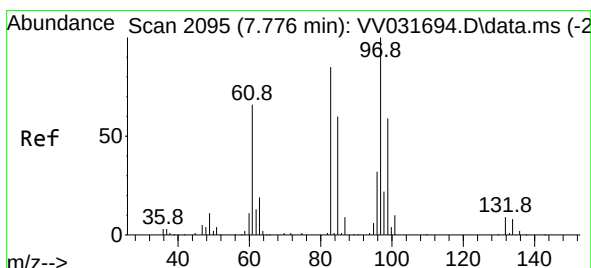
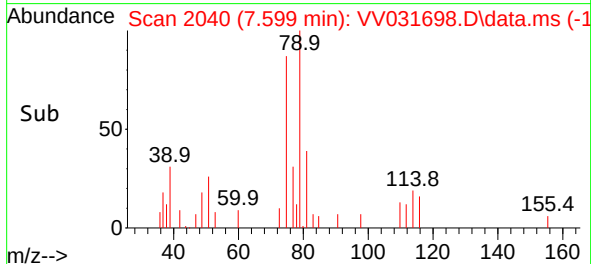
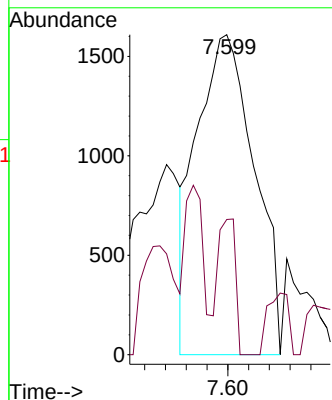
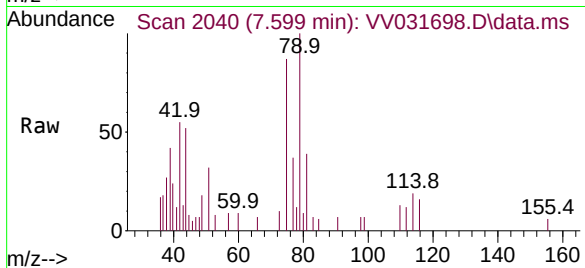
VBLK348

Tgt Ion: 75 Resp: 3119

Ion Ratio Lower Upper

75 100

77 42.3 21.7 40.3#



#45

1,1,2-Trichloroethane

Concen: 0.210 ug/L

RT: 7.792 min Scan# 2100

Delta R.T. 0.016 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Tgt Ion: 97 Resp: 2340

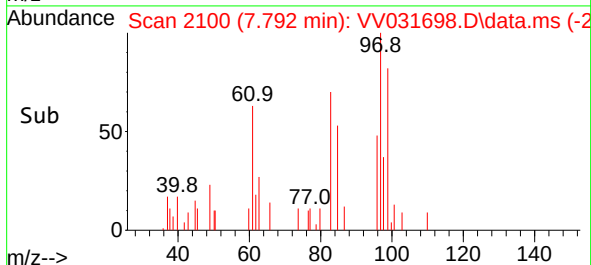
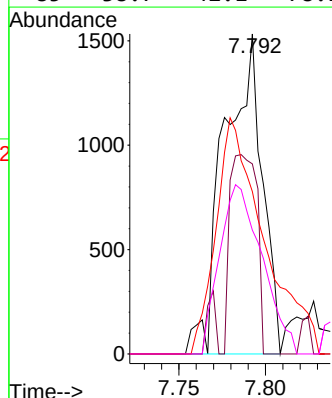
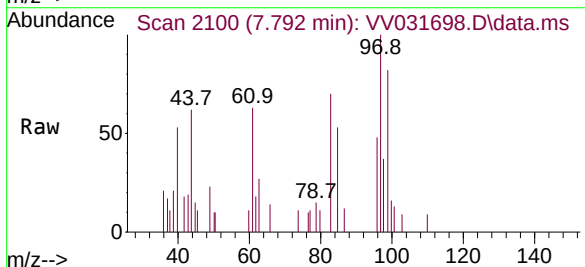
Ion Ratio Lower Upper

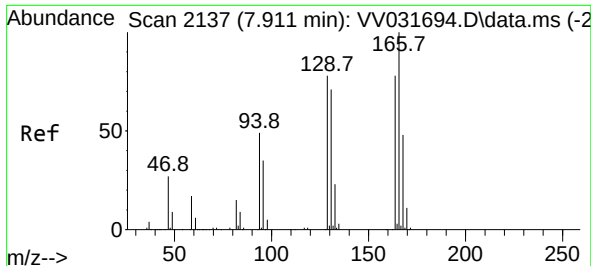
97 100

99 59.4 40.9 76.0

83 50.8 59.7 110.9#

85 38.7 42.1 78.1#

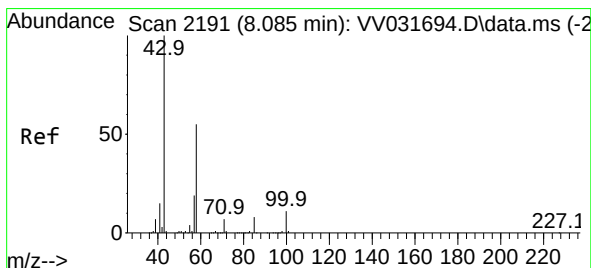
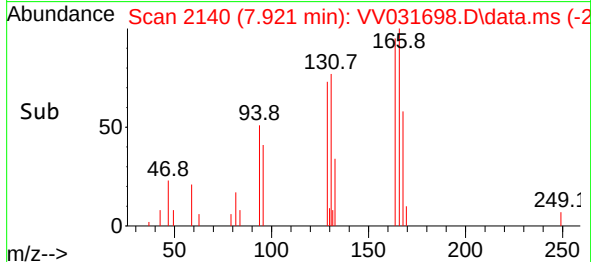
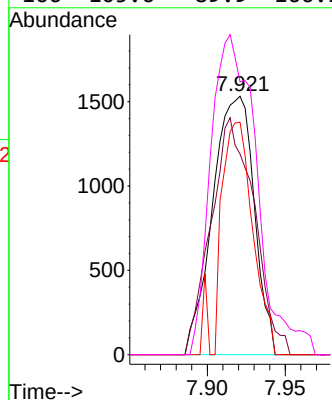
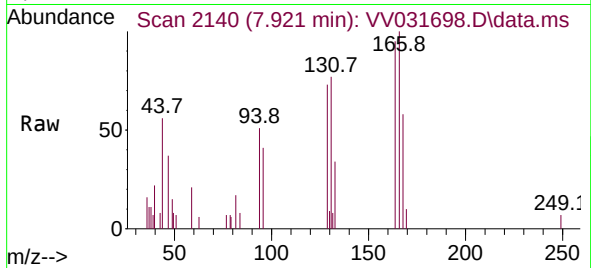




#47
Tetrachloroethene
Concen: 0.277 ug/L
RT: 7.921 min Scan# 2140
Delta R.T. 0.010 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

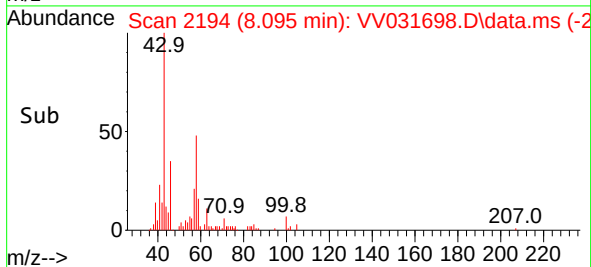
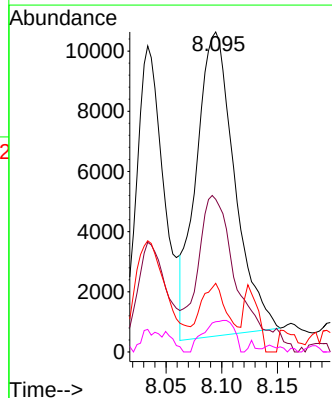
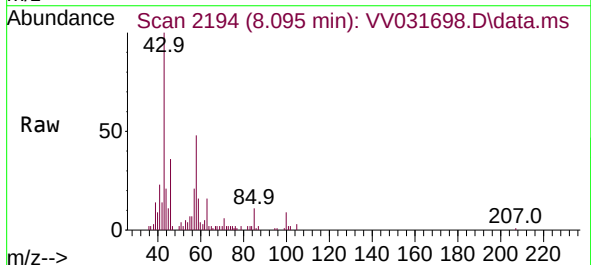
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

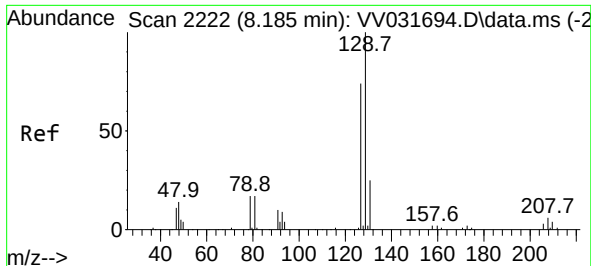
Tgt Ion:164 Resp: 2833
Ion Ratio Lower Upper
164 100
129 77.6 70.5 130.9
131 89.9 64.0 118.8
166 105.6 89.9 166.9



#48
2-Hexanone
Concen: 4.126 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.010 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion: 43 Resp: 24260
Ion Ratio Lower Upper
43 100
58 53.1 42.6 64.0
57 16.0 14.6 21.8
100 8.2 8.4 12.6#





#49

Dibromochloromethane

Concen: 0.164 ug/L

RT: 8.188 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

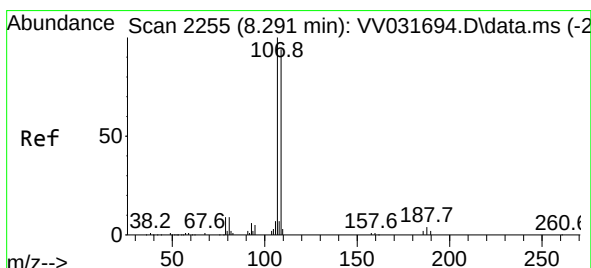
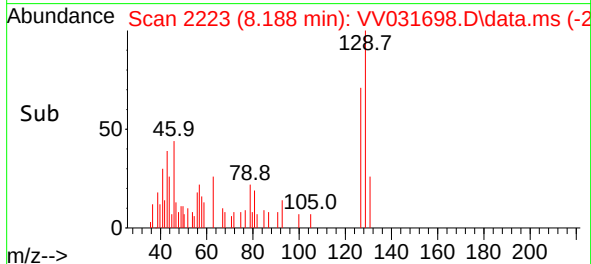
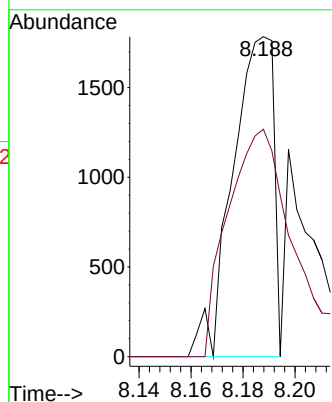
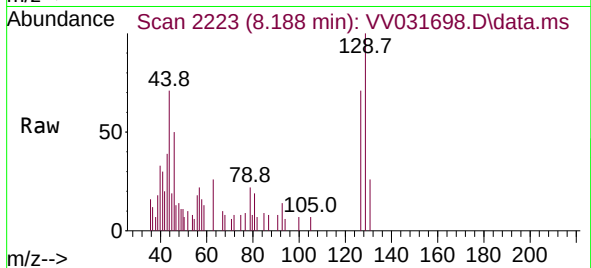
VBLK348

Tgt Ion:129 Resp: 1959

Ion Ratio Lower Upper

129 100

127 71.1 51.7 96.1



#50

1,2-Dibromoethane

Concen: 0.234 ug/L

RT: 8.294 min Scan# 2256

Delta R.T. 0.003 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

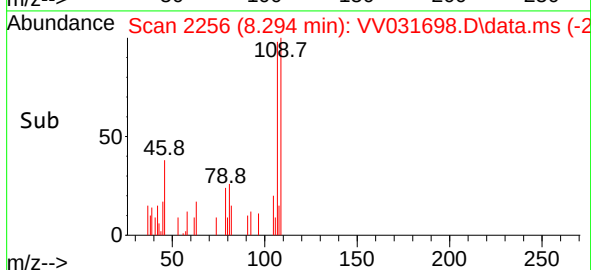
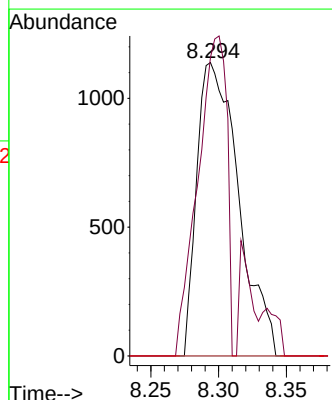
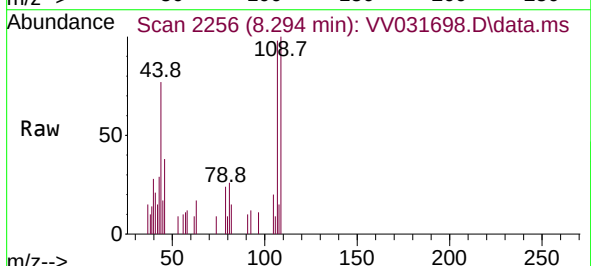
Tgt Ion:107 Resp: 2438

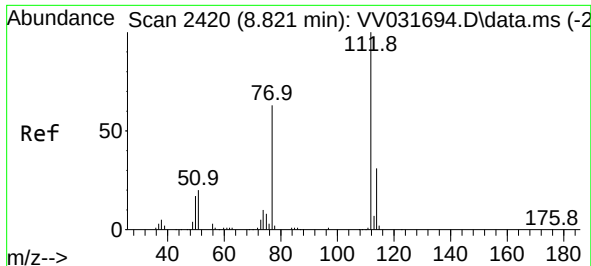
Ion Ratio Lower Upper

107 100

109 101.7 67.6 125.6

188 0.0 3.0 4.6#

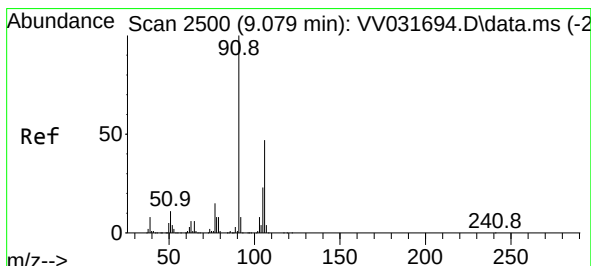
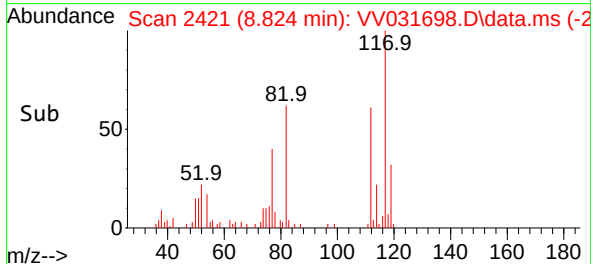
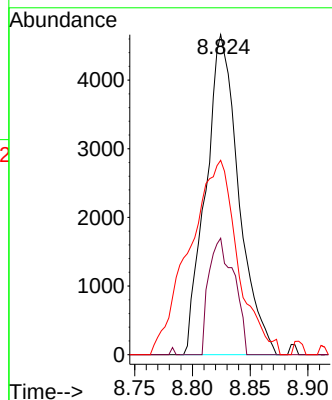
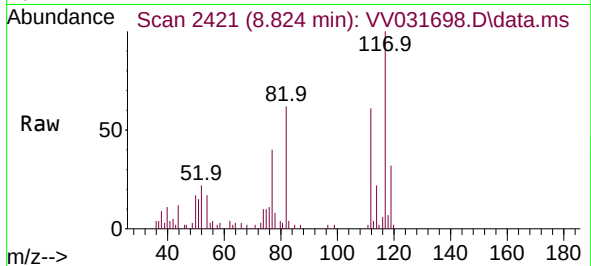




#51
Chlorobenzene
Concen: 0.278 ug/L
RT: 8.824 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

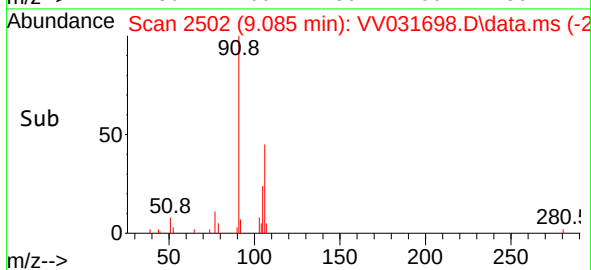
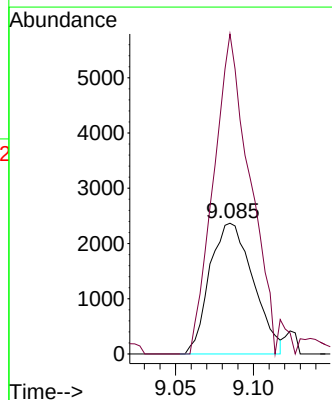
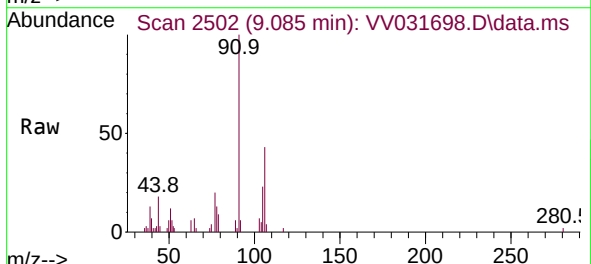
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

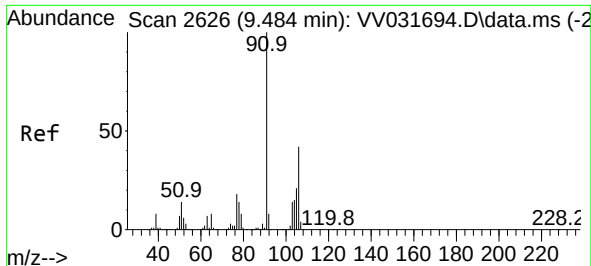
Tgt Ion:112 Resp: 9259
Ion Ratio Lower Upper
112 100
114 36.4 21.6 40.2
77 60.8 54.2 81.4



#53
m,p-Xylene
Concen: 0.248 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:106 Resp: 4596
Ion Ratio Lower Upper
106 100
91 244.7 149.9 278.3

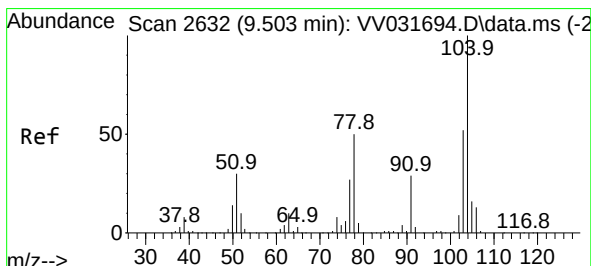
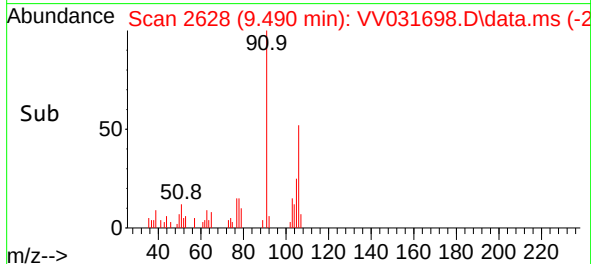
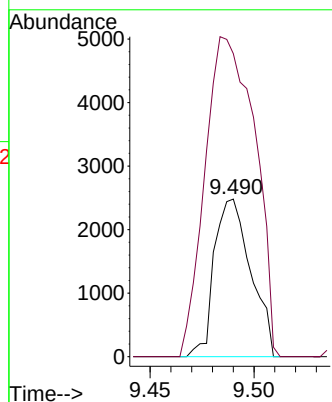
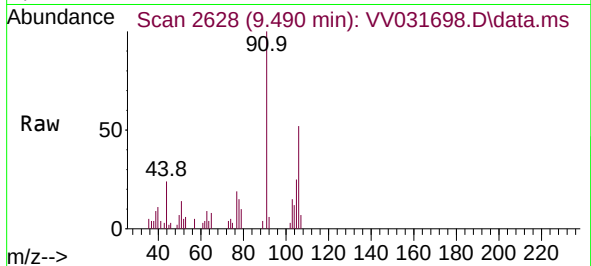




#54
o-Xylene
Concen: 0.177 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

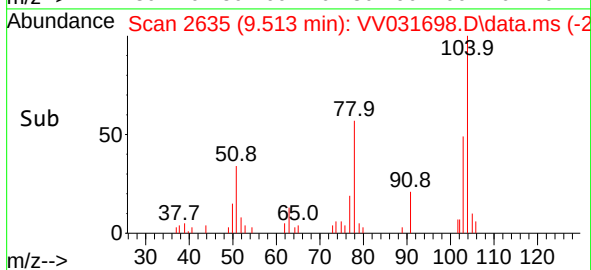
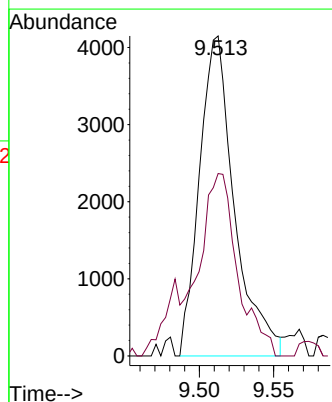
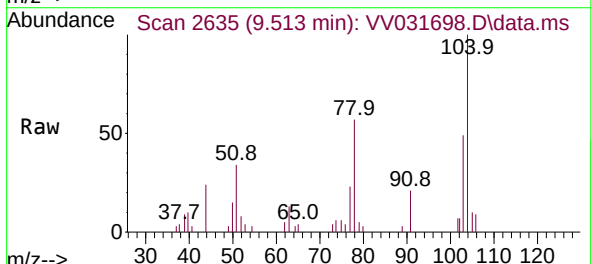
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

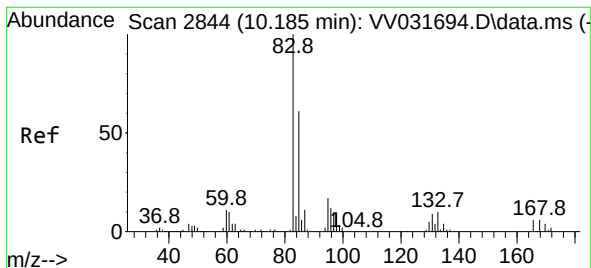
Tgt Ion:106 Resp: 3032
Ion Ratio Lower Upper
106 100
91 192.3 166.7 309.5



#55
Styrene
Concen: 0.210 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.010 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:104 Resp: 6808
Ion Ratio Lower Upper
104 100
78 57.0 35.3 65.5

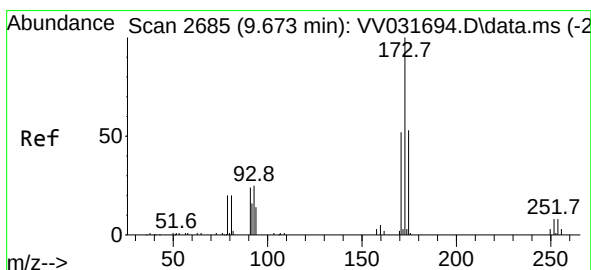
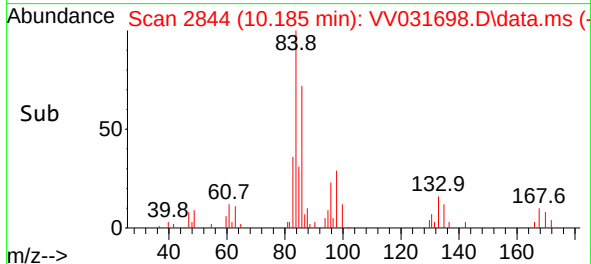
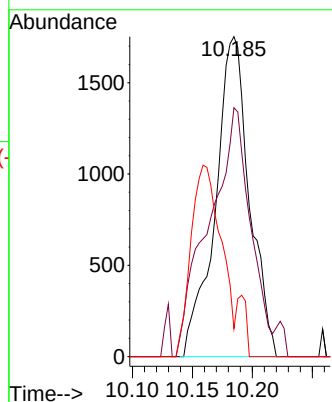
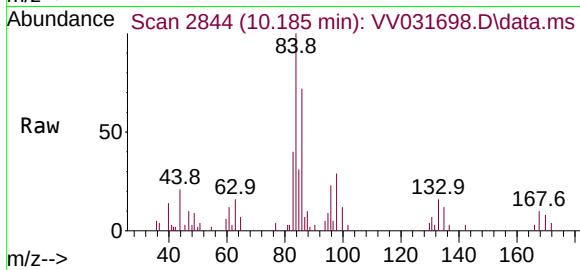




#57
1,1,2,2-Tetrachloroethane
Concen: 0.294 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

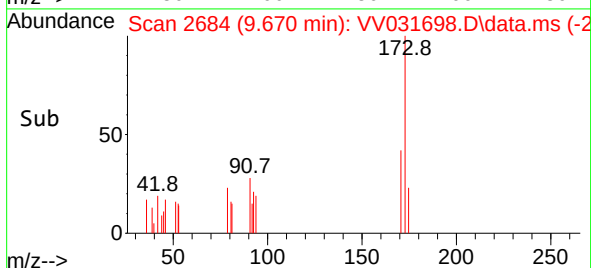
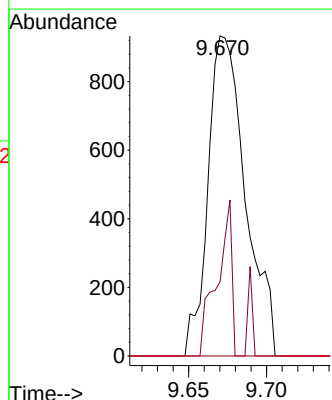
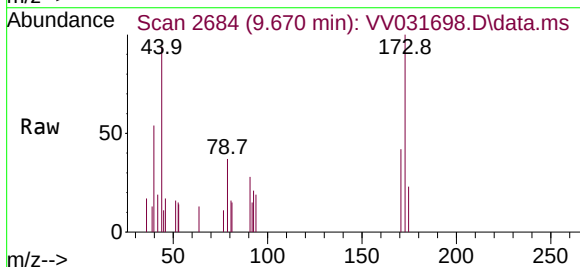
Instrument : MSVOA_V
ClientSampleId : VBLK348

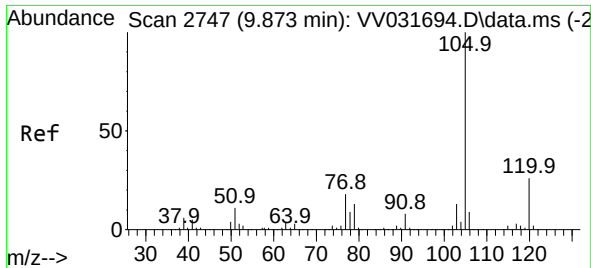
Tgt Ion:	83	Resp:	3473
Ion	Ratio	Lower	Upper
83	100		
85	77.8	48.6	90.2
131	8.7	7.0	10.6



#59
Bromoform
Concen: 0.265 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.003 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:	173	Resp:	1565
Ion	Ratio	Lower	Upper
173	100		
175	19.2	40.2	60.4#
254	0.0	6.4	9.6#

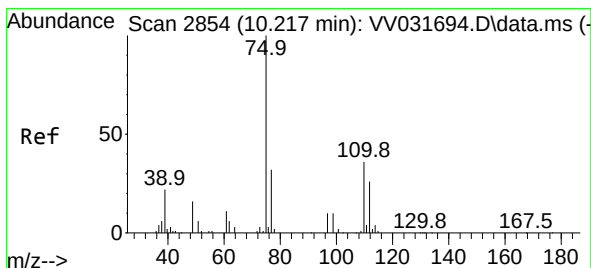
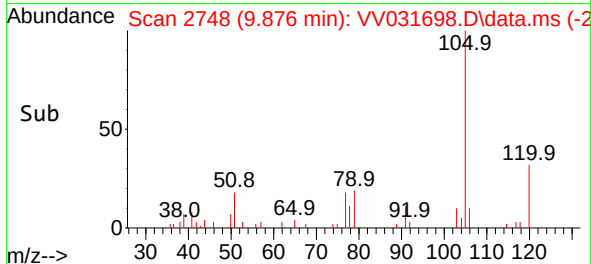
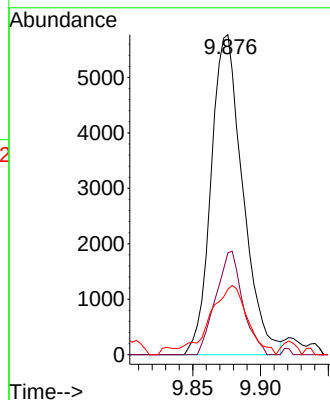
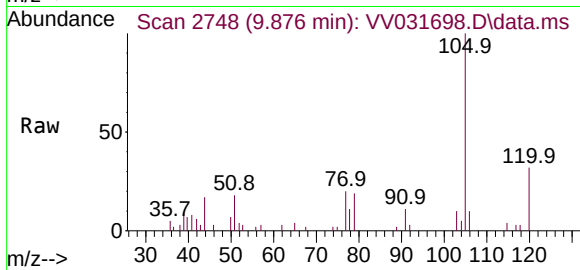




#60
Isopropylbenzene
Concen: 0.240 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

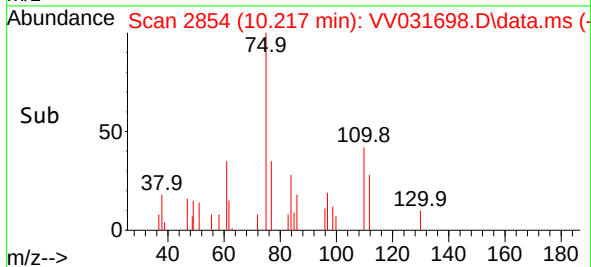
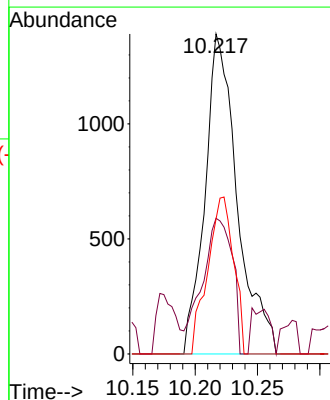
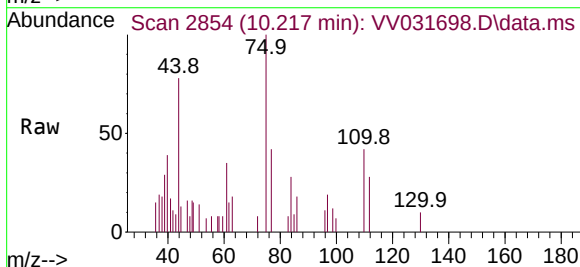
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

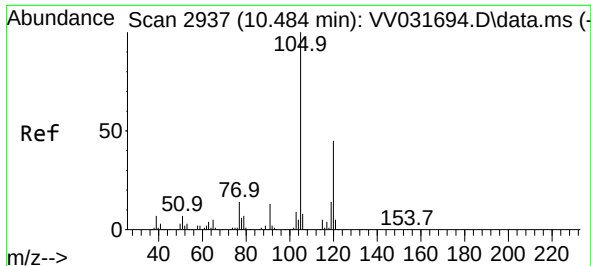
Tgt Ion:	105	Resp:	9387
Ion Ratio	Lower	Upper	
105	100		
120	27.5	20.0	30.0
77	25.4	14.2	21.4#



#61
1,2,3-Trichloropropane
Concen: 0.320 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:	75	Resp:	2510
Ion Ratio	Lower	Upper	
75	100		
77	39.4	25.9	38.9#
110	39.2	28.6	42.8





#62

1,3,5-Trimethylbenzene

Concen: 0.253 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

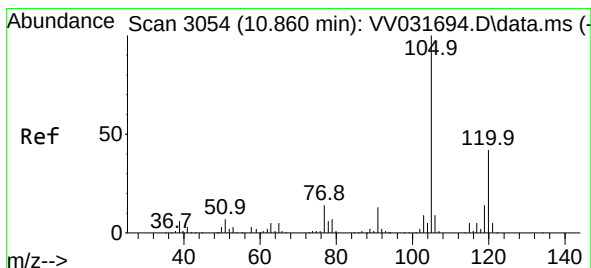
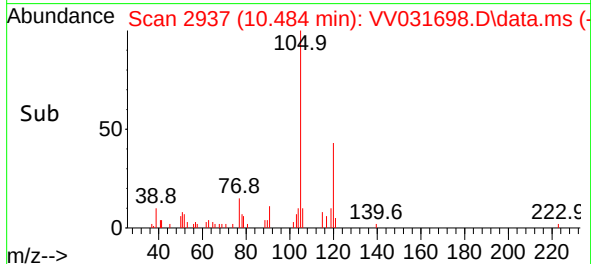
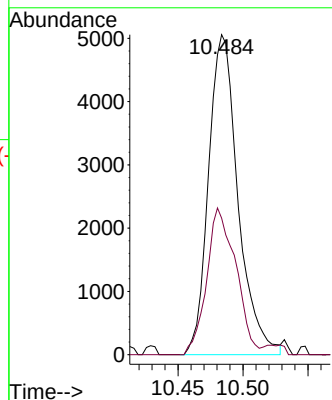
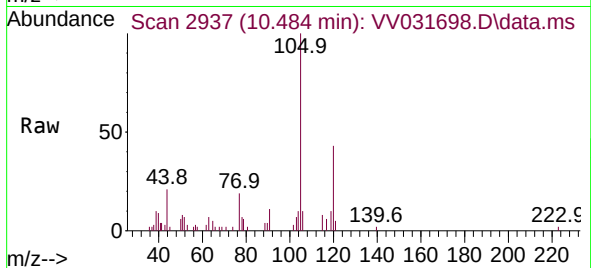
VBLK348

Tgt Ion:105 Resp: 7976

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 0.245 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VV031698.D

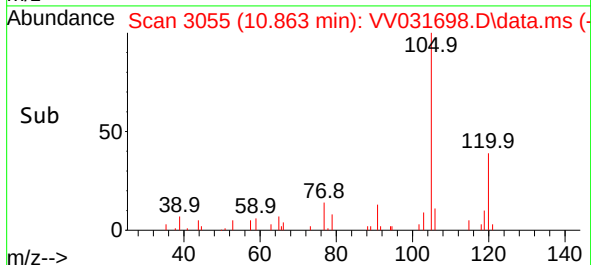
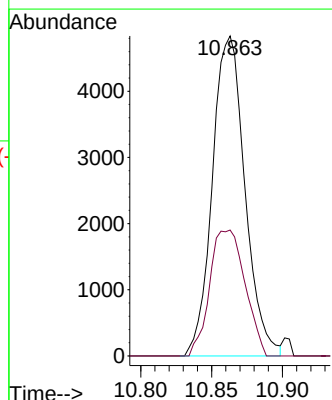
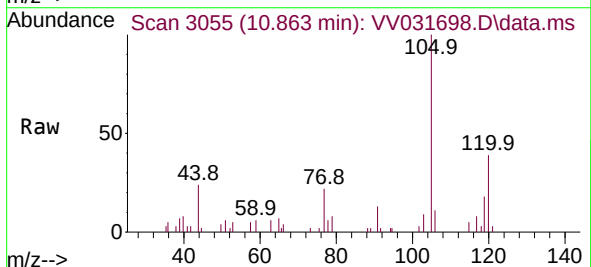
Acq: 13 Jul 2023 16:30

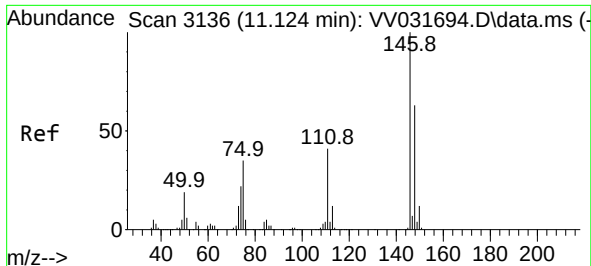
Tgt Ion:105 Resp: 7735

Ion Ratio Lower Upper

105 100

120 42.6 33.4 50.0

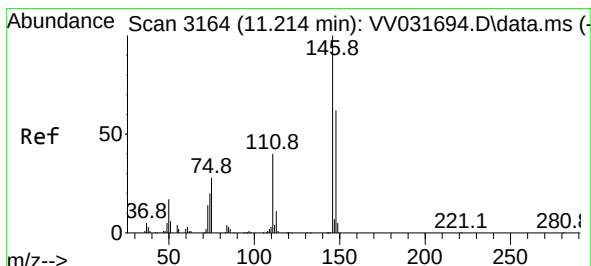
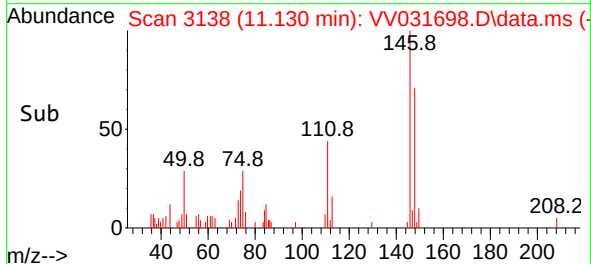
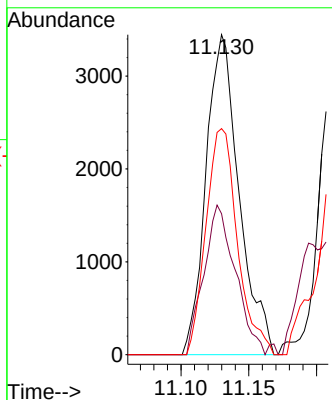
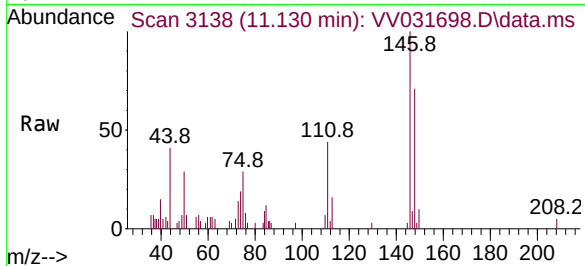




#64
1,3-Dichlorobenzene
Concen: 0.277 ug/L
RT: 11.130 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

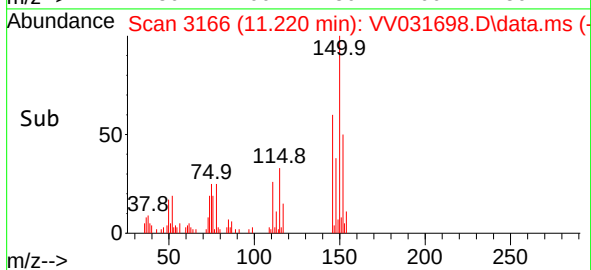
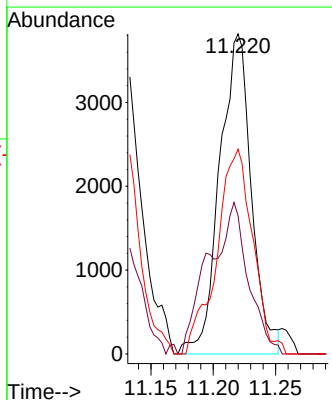
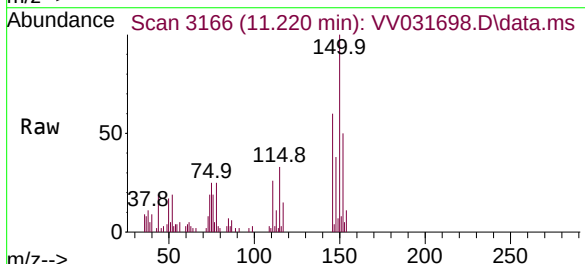
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

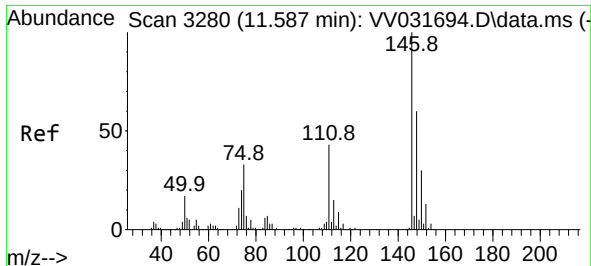
Tgt Ion:146 Resp: 5841
Ion Ratio Lower Upper
146 100
111 44.1 28.8 53.4
148 73.9 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 0.302 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:146 Resp: 6734
Ion Ratio Lower Upper
146 100
111 43.2 28.2 52.4
148 63.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 0.336 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

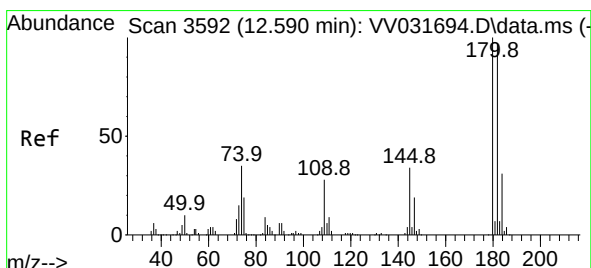
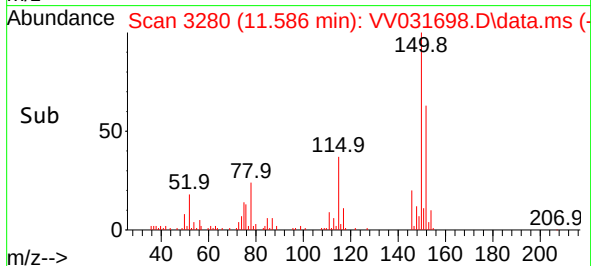
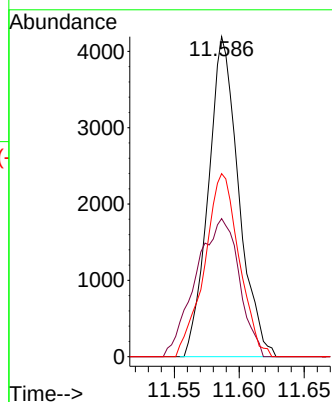
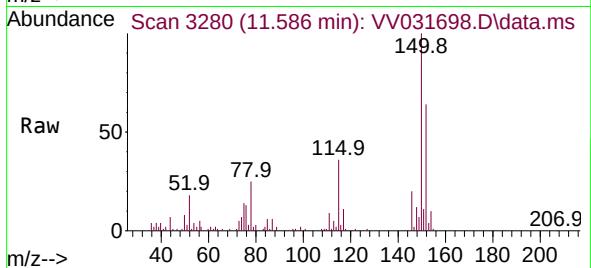
Tgt Ion:146 Resp: 6801

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.4

148 57.2 48.1 72.1



#69

1,3,5-Trichlorobenzene

Concen: 0.317 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.003 min

Lab File: VV031698.D

Acq: 13 Jul 2023 16:30

Tgt Ion:180 Resp: 4895

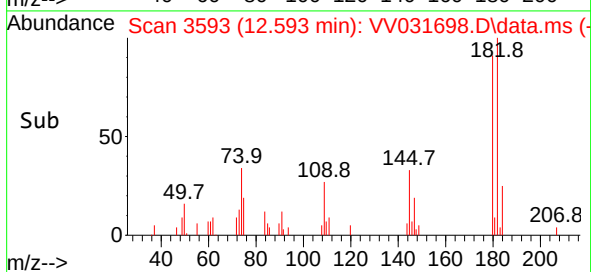
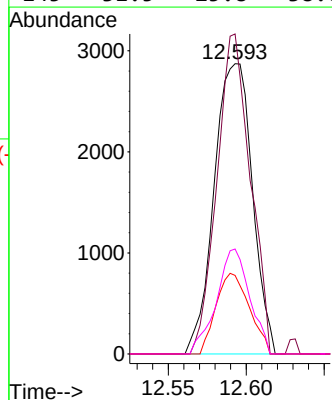
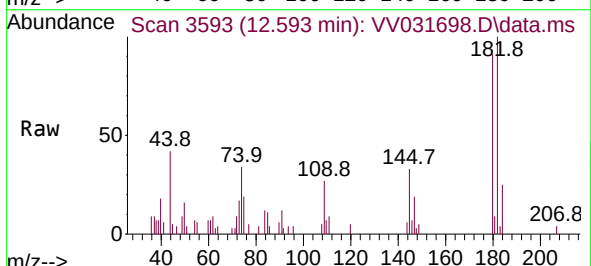
Ion Ratio Lower Upper

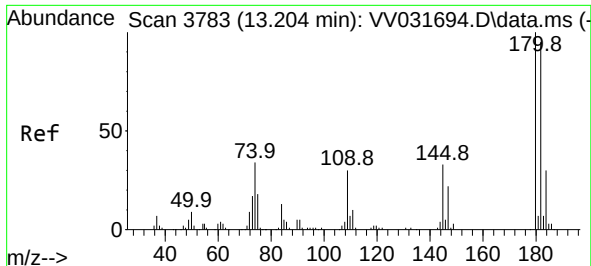
180 100

182 96.1 78.3 117.5

184 24.2 24.5 36.7#

145 31.5 25.8 38.6

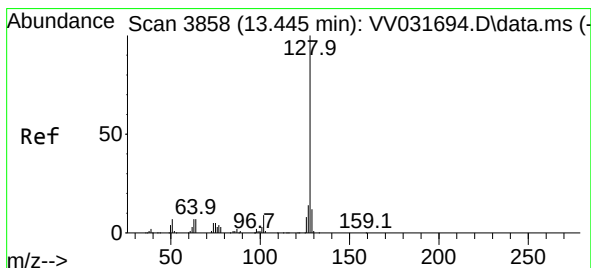
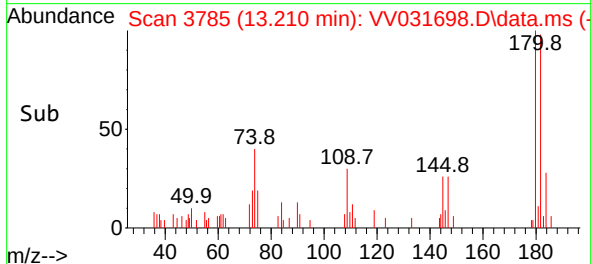
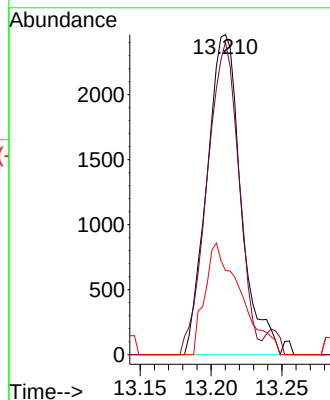
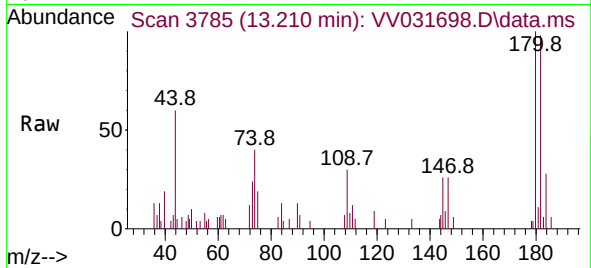




#70
1,2,4-trichlorobenzene
Concen: 0.335 ug/L
RT: 13.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

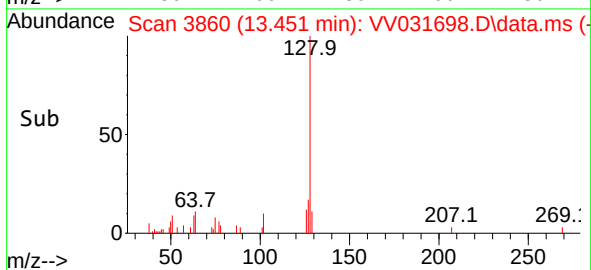
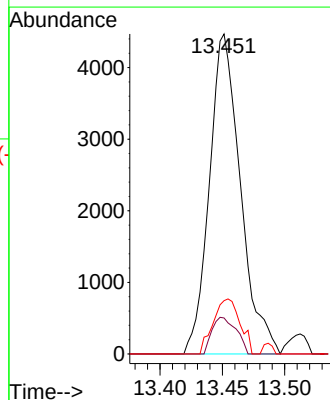
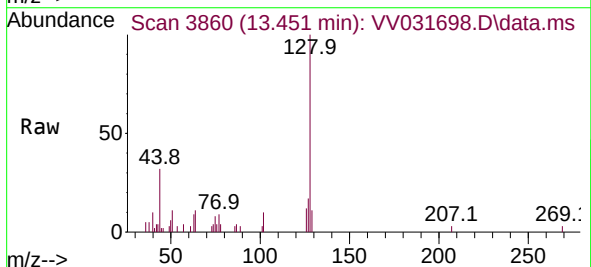
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

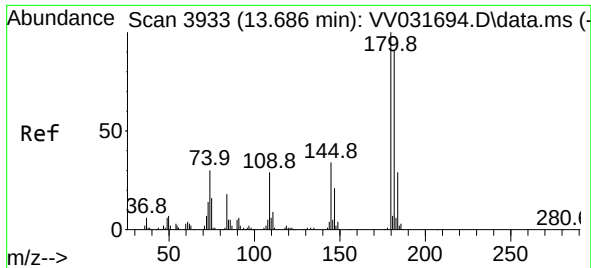
Tgt Ion:180 Resp: 4099
Ion Ratio Lower Upper
180 100
182 91.9 76.0 114.0
145 36.9 26.2 39.4



#71
Naphthalene
Concen: 0.393 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
Lab File: VV031698.D
Acq: 13 Jul 2023 16:30

Tgt Ion:128 Resp: 7757
Ion Ratio Lower Upper
128 100
129 8.9 9.1 13.7#
127 14.8 11.6 17.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.293 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.003 min
 Lab File: VV031698.D
 Acq: 13 Jul 2023 16:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

Tgt Ion:180 Resp: 3313
 Ion Ratio Lower Upper
 180 100
 182 99.0 74.6 111.8
 145 46.0 27.4 41.0#

