

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032690.D
 Acq On : 09 Nov 2022 19:20
 Operator : JC/MD
 Sample : N5551-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18E

Quant Time: Nov 10 03:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81477	50.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.880%
35) Dibromofluoromethane	5.385	113	62102	45.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	231959	49.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	89237	48.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.200%

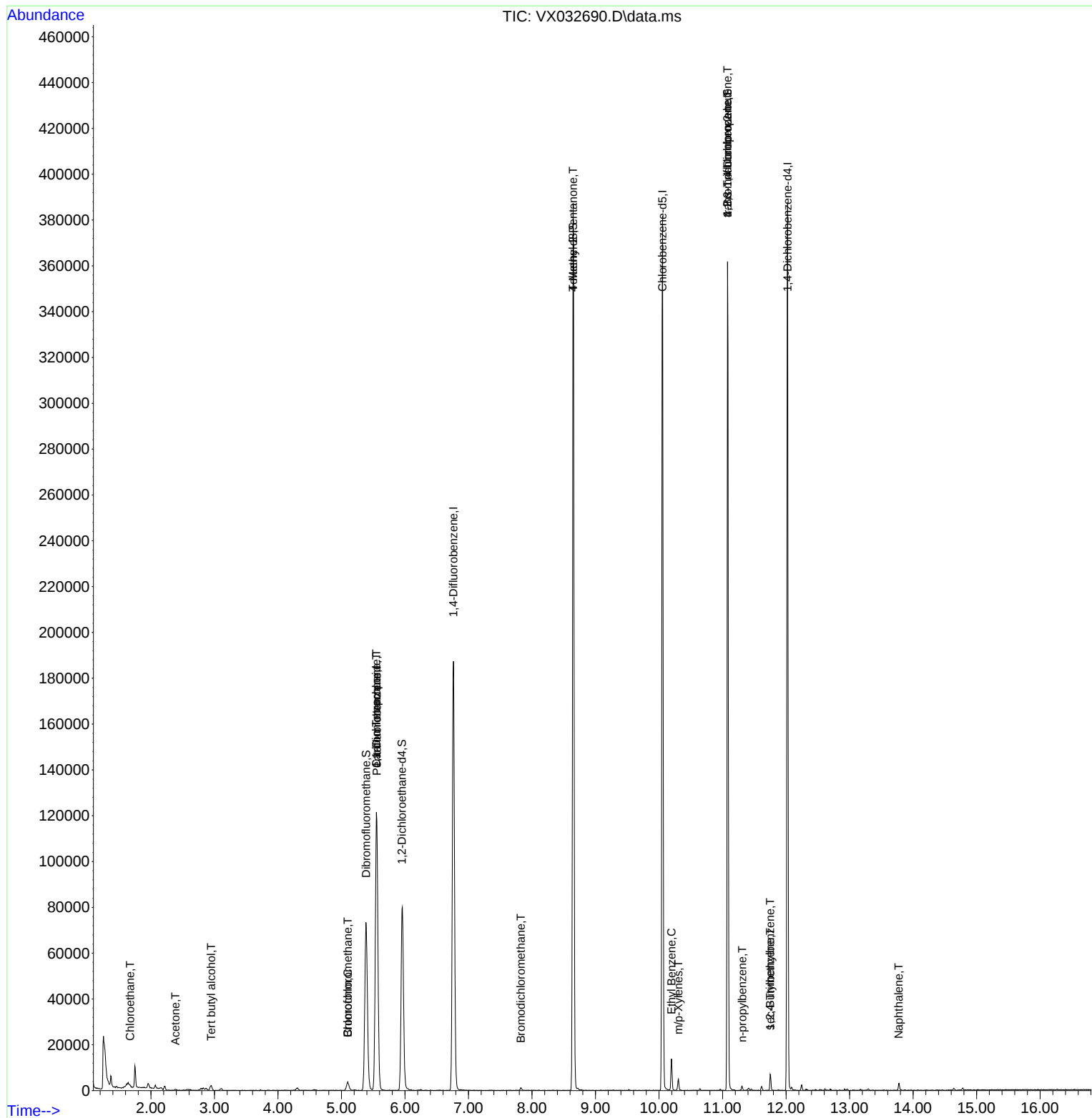
Target Compounds			Qvalue			
6) Chloroethane	1.672	64	389	0.469	ug/l #	42
11) Tert butyl alcohol	2.947	59	1319	5.666	ug/l #	72
16) Acetone	2.386	43	526	0.905	ug/l #	69
28) Bromochloromethane	5.099	49	251	0.308	ug/l #	9
30) Chloroform	5.099	83	4195	1.670	ug/l #	75
36) 1,1-Dichloropropene	5.550	75	8983	4.772	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11873	5.687	ug/l #	16
47) Bromodichloromethane	7.824	83	955	0.480	ug/l #	88
51) 4-Methyl-2-Pentanone	8.647	43	1071	0.565	ug/l #	1
67) Ethyl Benzene	10.195	91	7856	1.156	ug/l	95
68) m/p-Xylenes	10.305	106	1359	0.515	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	49143	27.896	ug/l #	37
78) n-propylbenzene	11.311	91	1519	0.210	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	49143	88.766	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	3439	0.645	ug/l	99
85) sec-Butylbenzene	11.750	105	3439	0.534	ug/l #	57
95) Naphthalene	13.774	128	2586	0.416	ug/l #	94

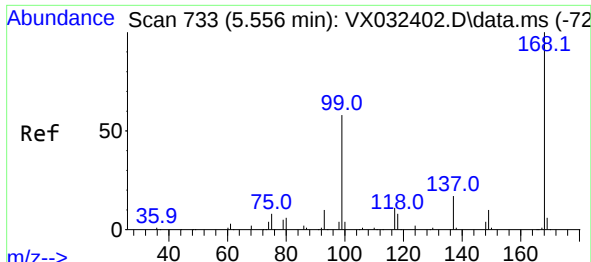
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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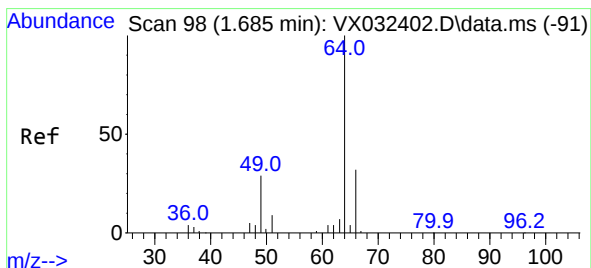
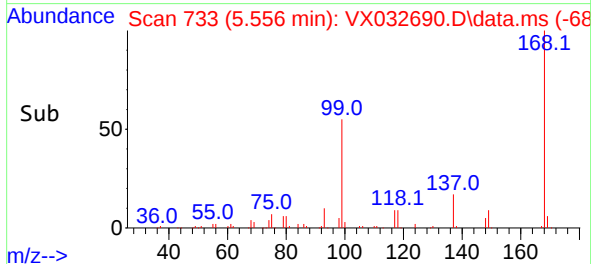
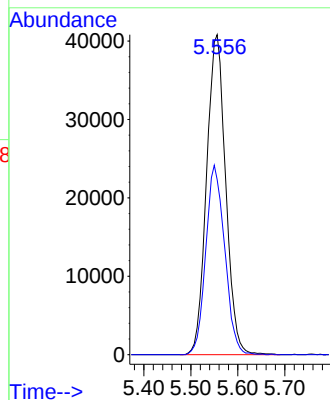
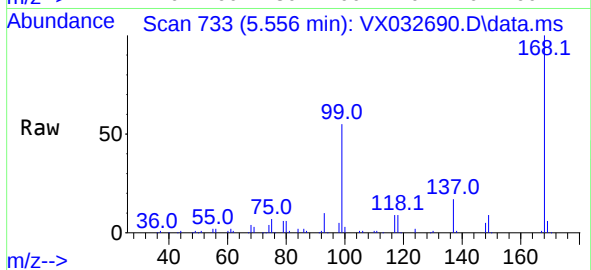




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

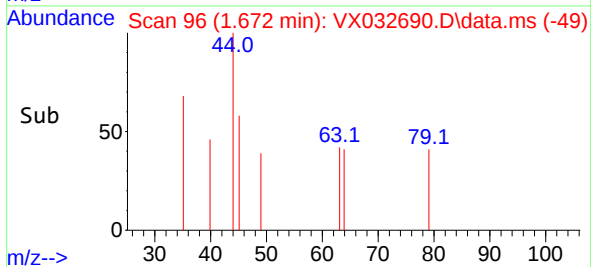
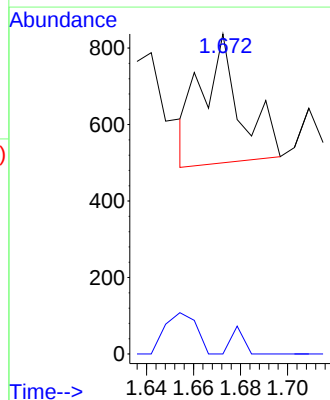
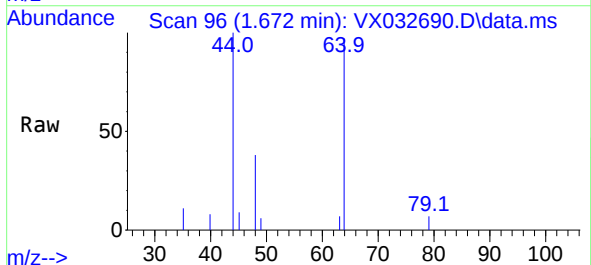
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

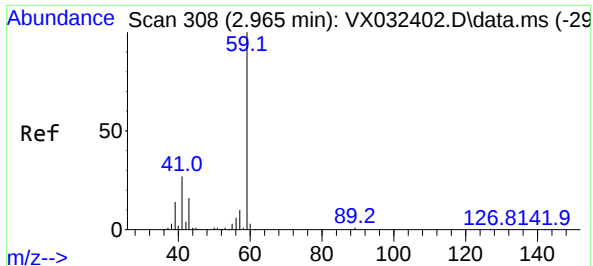
Tgt Ion:168 Resp: 115102
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#6
Chloroethane
Concen: 0.469 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 64 Resp: 389
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 5.666 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032690.D

Acq: 09 Nov 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

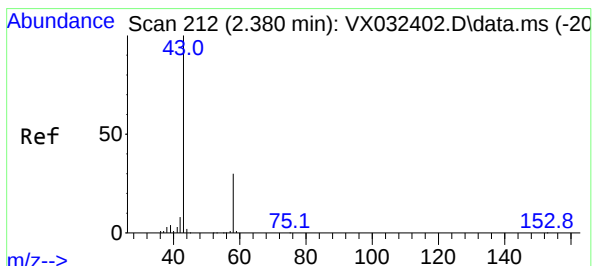
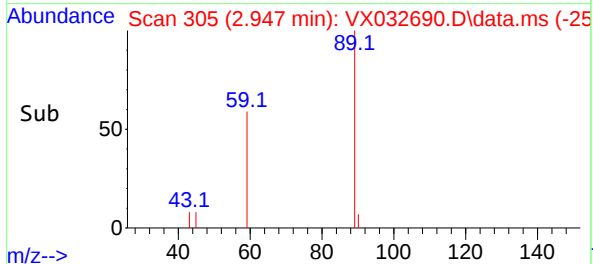
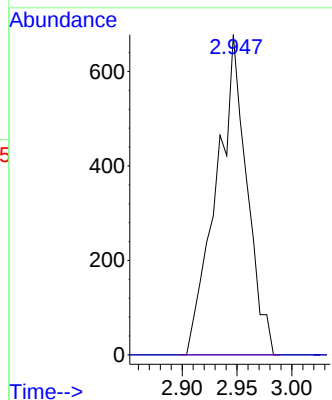
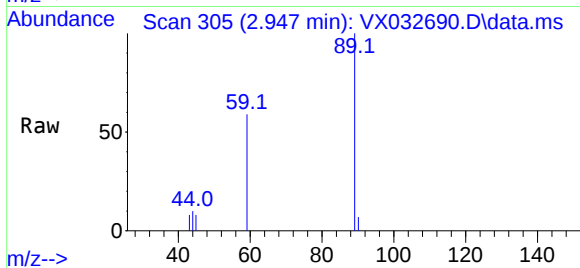
MW-18E

Tgt Ion: 59 Resp: 1319

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.905 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032690.D

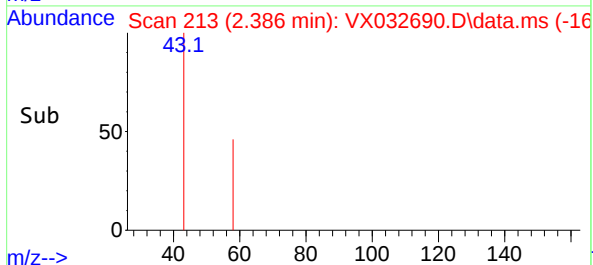
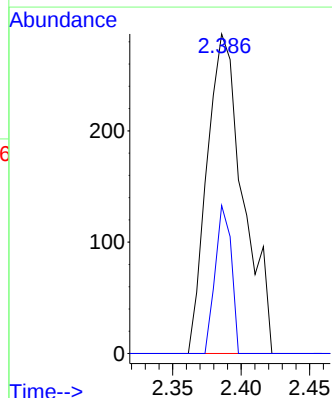
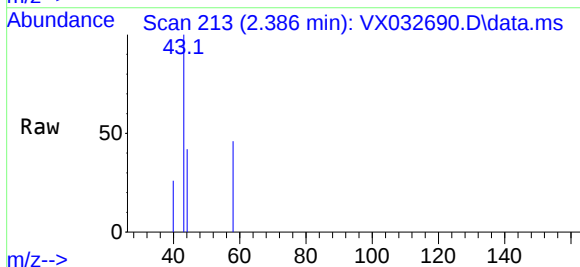
Acq: 09 Nov 2022 19:20

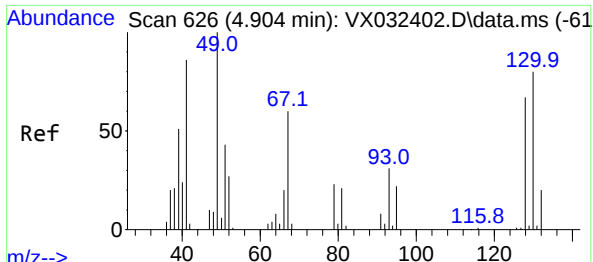
Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

43 100

58 46.3 23.8 35.8#

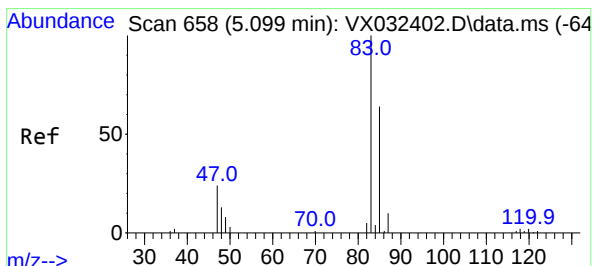
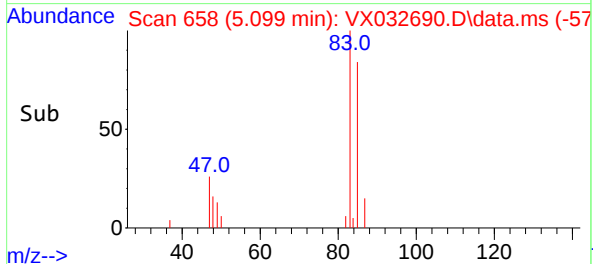
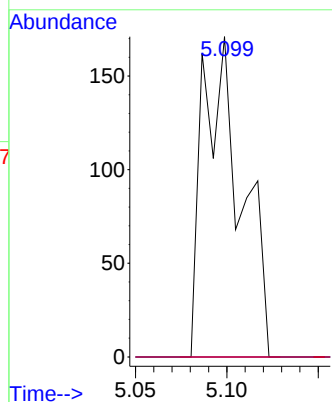
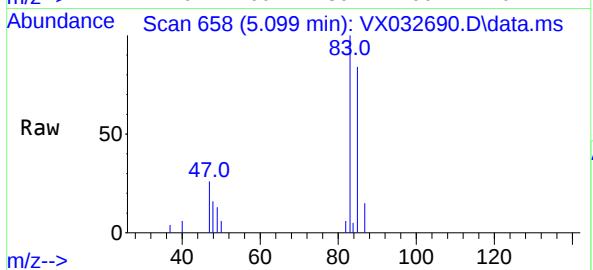




#28
Bromochloromethane
Concen: 0.308 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

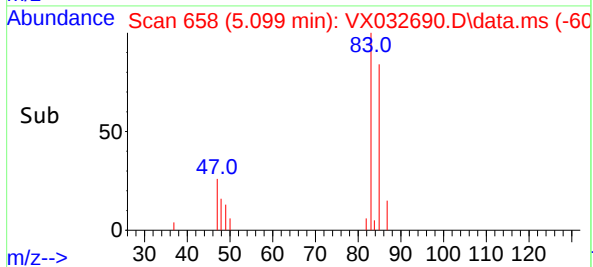
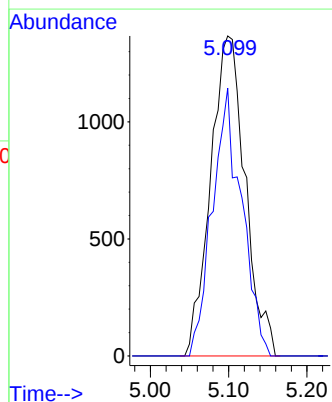
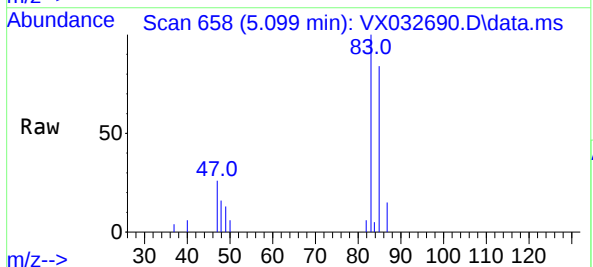
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

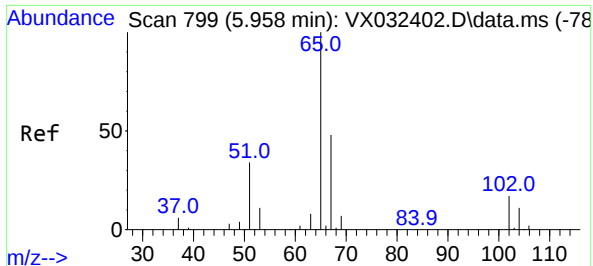
Tgt Ion: 49 Resp: 251
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 1.670 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 83 Resp: 4195
Ion Ratio Lower Upper
83 100
85 83.7 51.1 76.7#





#33

1,2-Dichloroethane-d4

Concen: 50.945 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032690.D

Acq: 09 Nov 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

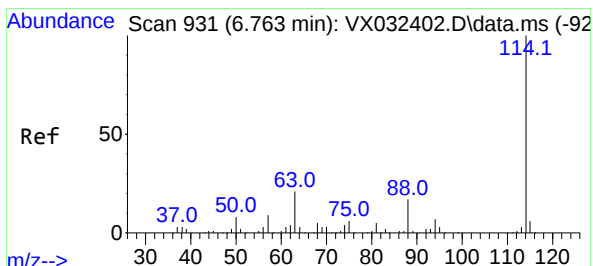
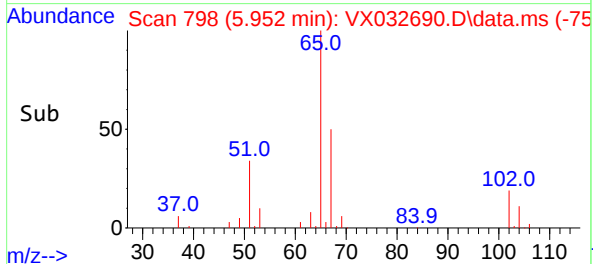
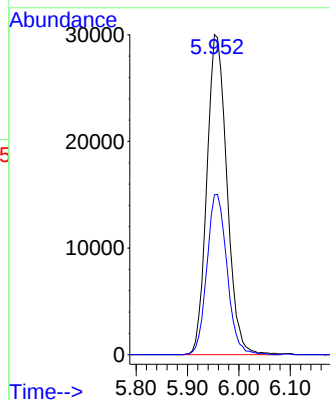
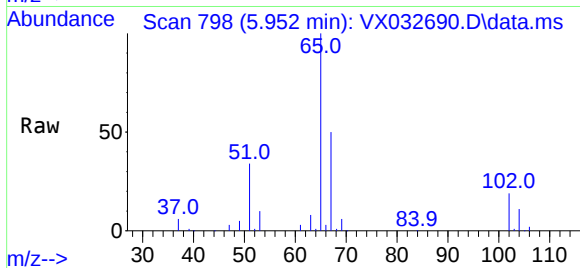
MW-18E

Tgt Ion: 65 Resp: 81477

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032690.D

Acq: 09 Nov 2022 19:20

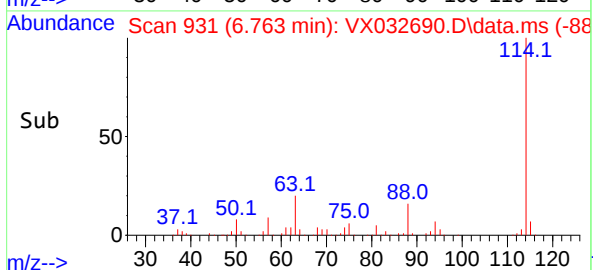
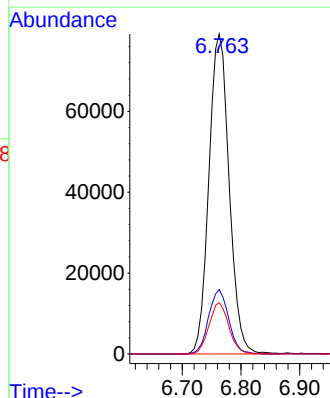
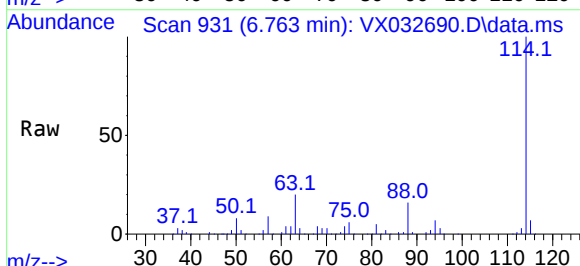
Tgt Ion: 114 Resp: 189508

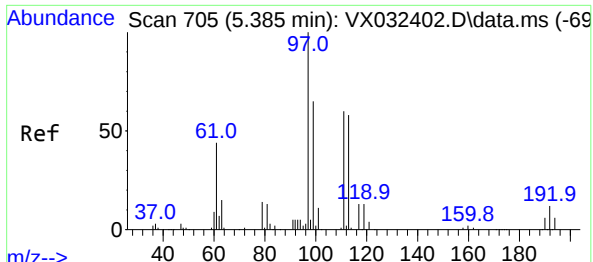
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 16.0 0.0 33.4

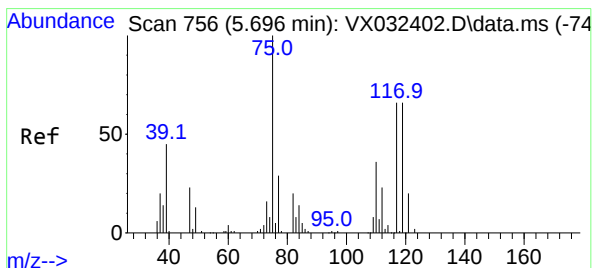
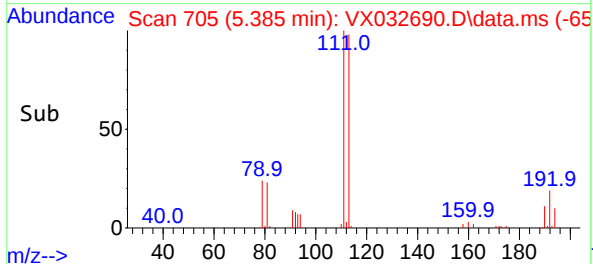
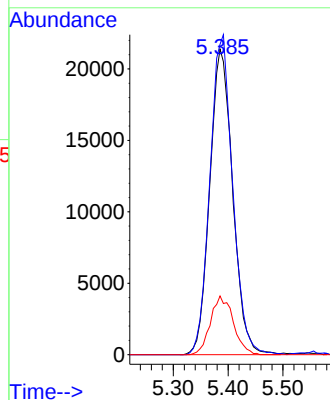
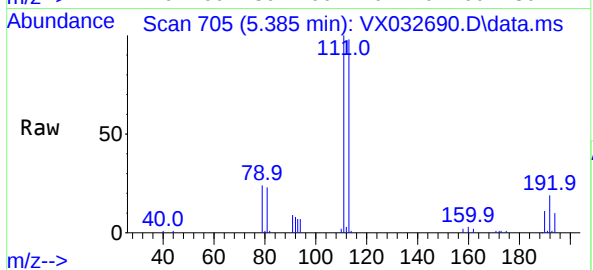




#35
Dibromofluoromethane
Concen: 45.941 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

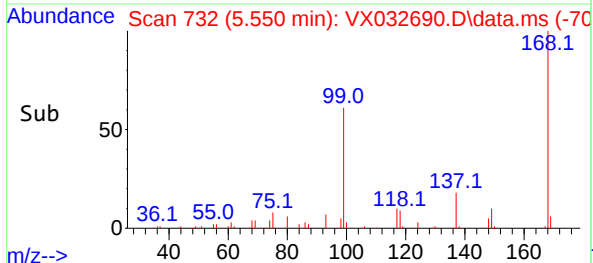
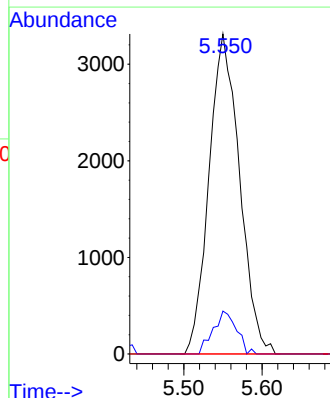
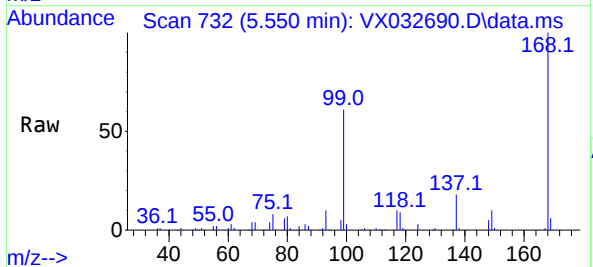
Instrument :
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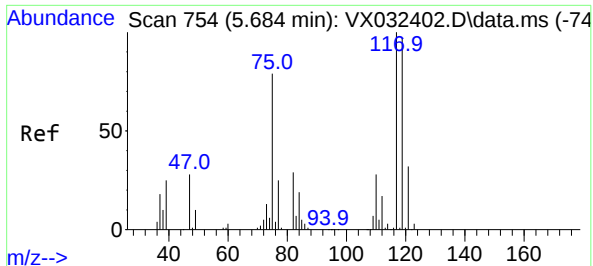
Tgt Ion:113 Resp: 62102
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

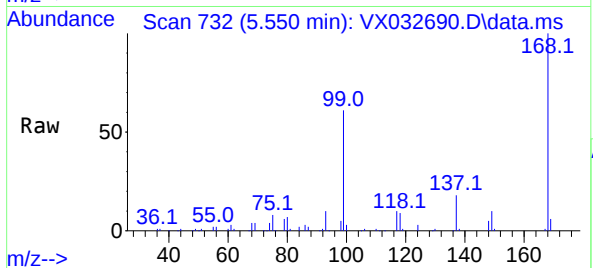
Tgt Ion: 75 Resp: 8983
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



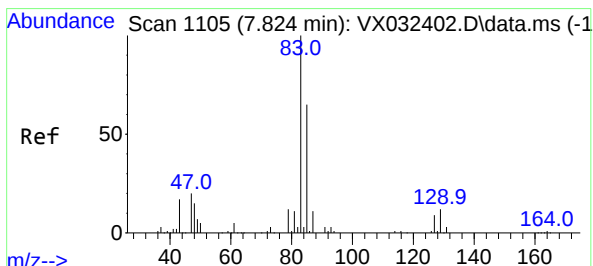
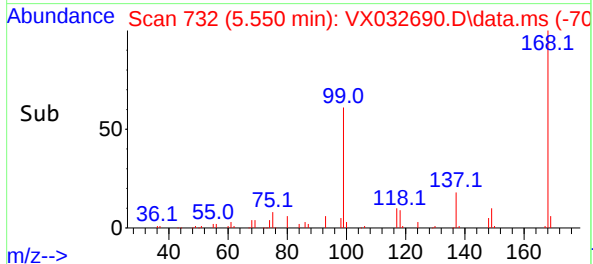
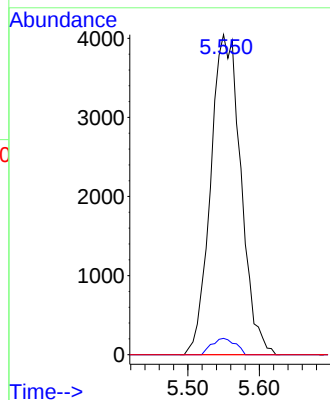


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-18E

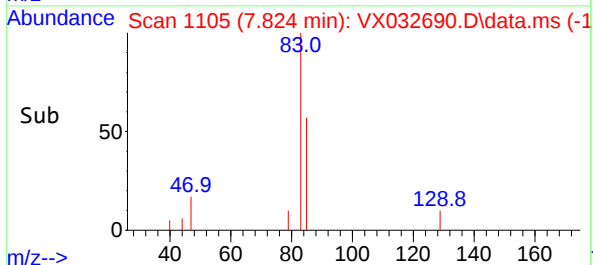
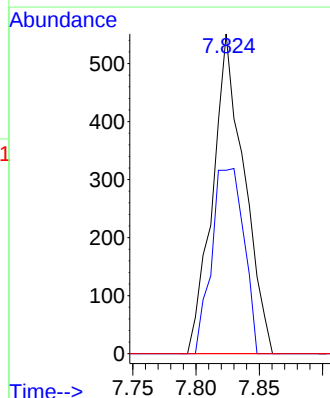
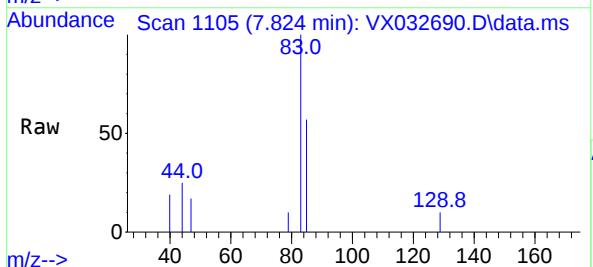


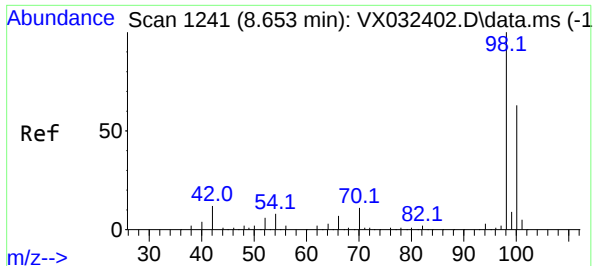
Tgt Ion:117 Resp: 11873
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#47
Bromodichloromethane
Concen: 0.480 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 83 Resp: 955
Ion Ratio Lower Upper
83 100
85 57.4 52.2 78.4
127 0.0 7.4 11.2#





#50

Toluene-d8

Concen: 49.348 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032690.D

Acq: 09 Nov 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

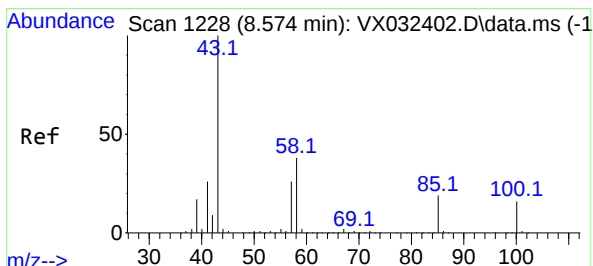
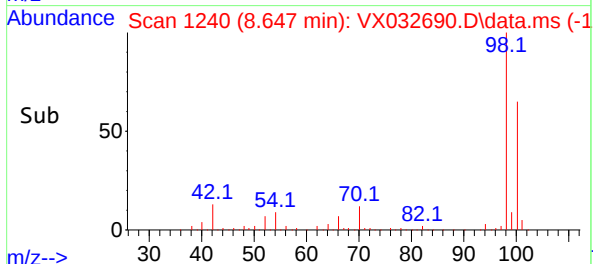
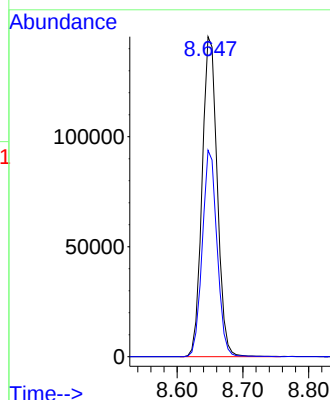
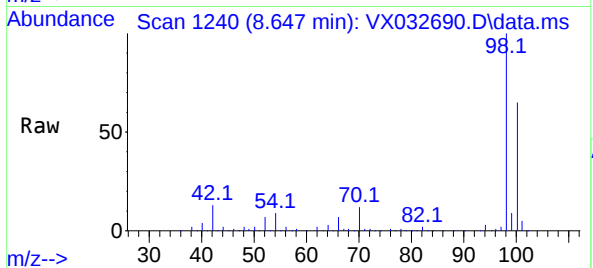
MW-18E

Tgt Ion: 98 Resp: 231959

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.565 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032690.D

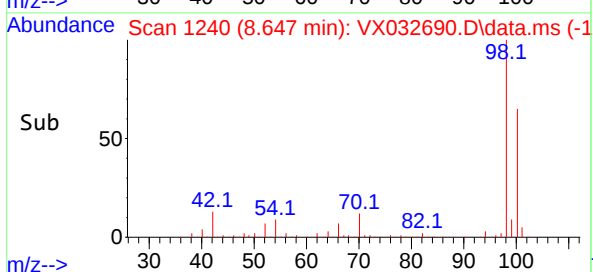
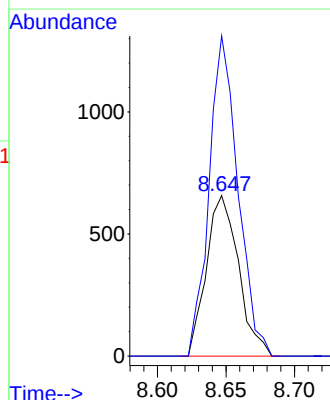
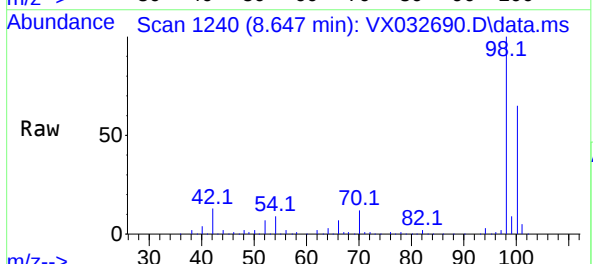
Acq: 09 Nov 2022 19:20

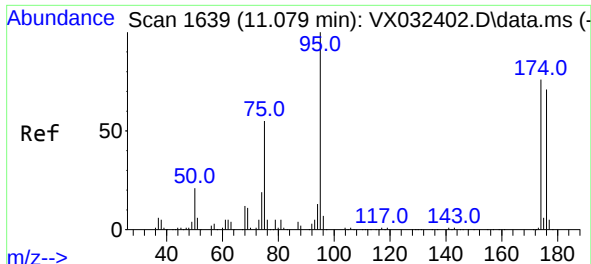
Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

58 179.4 30.9 46.3#

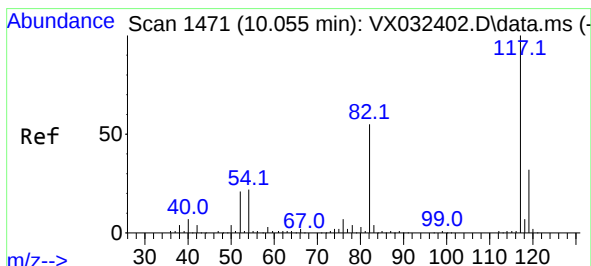
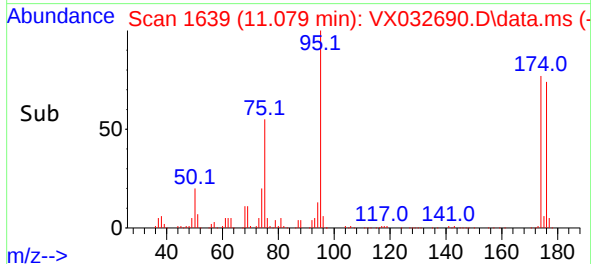
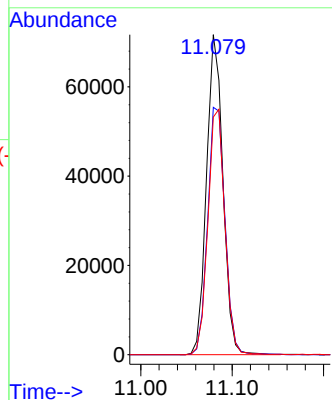
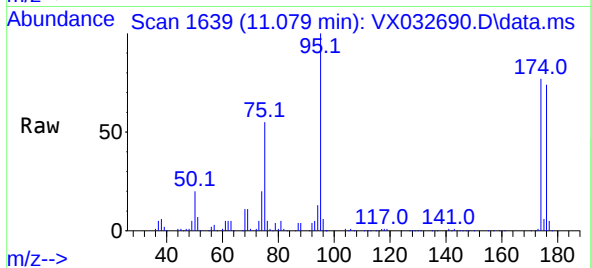




#62
4-Bromofluorobenzene
Concen: 48.601 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

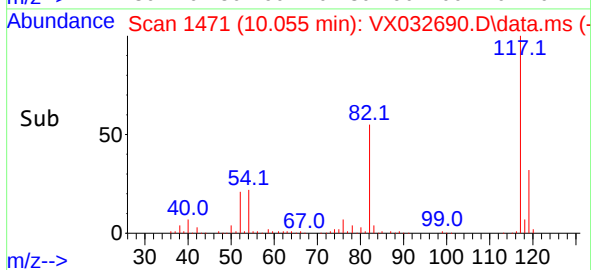
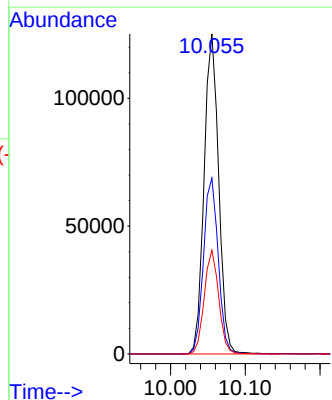
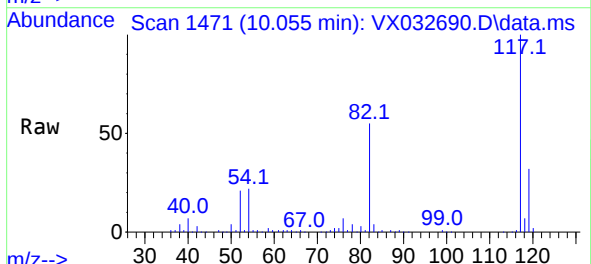
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

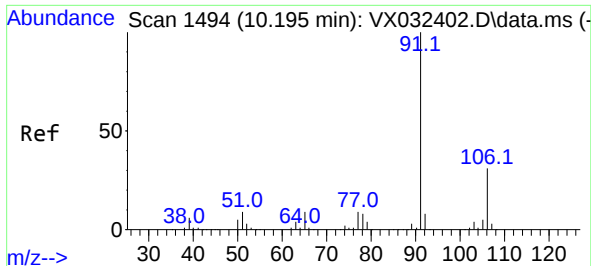
Tgt Ion: 95 Resp: 89237
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 117 Resp: 169663
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.4 25.7 38.5

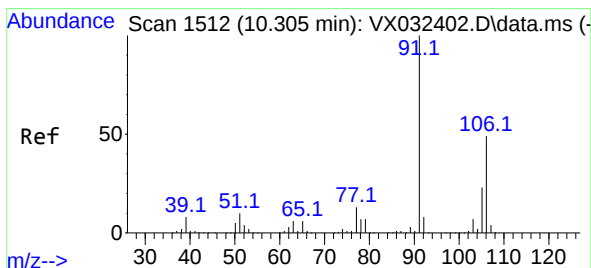
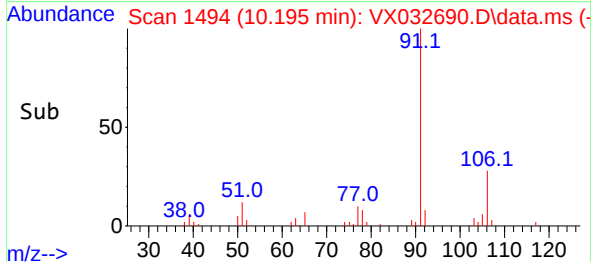
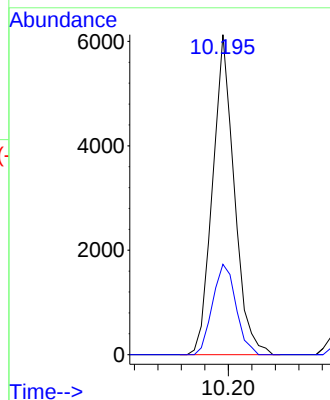
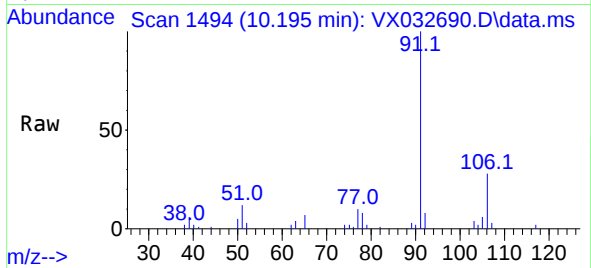




#67
Ethyl Benzene
Concen: 1.156 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

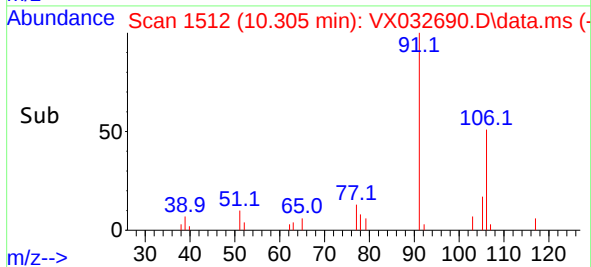
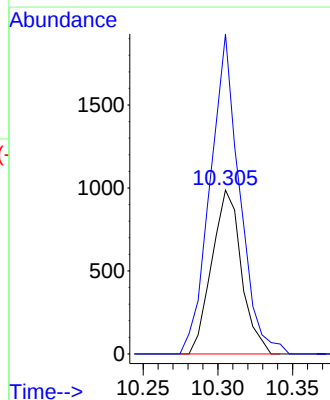
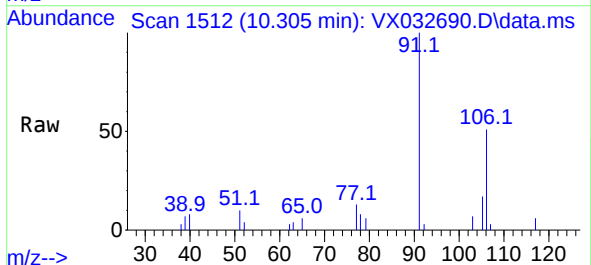
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

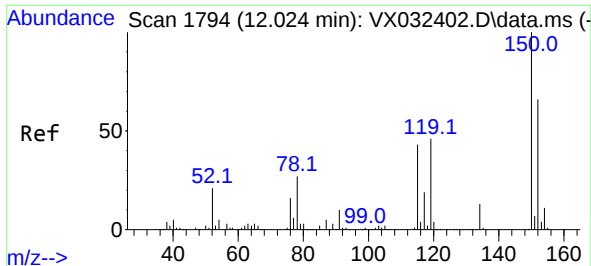
Tgt Ion: 91 Resp: 7856
Ion Ratio Lower Upper
91 100
106 28.3 25.0 37.6



#68
m/p-Xylenes
Concen: 0.515 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 106 Resp: 1359
Ion Ratio Lower Upper
106 100
91 194.0 164.5 246.7

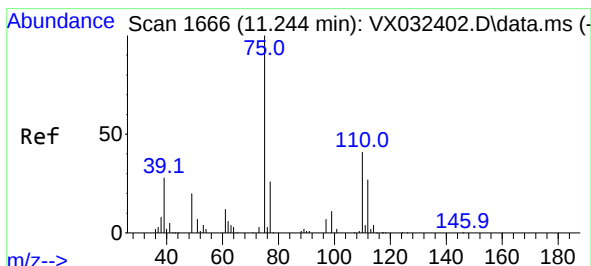
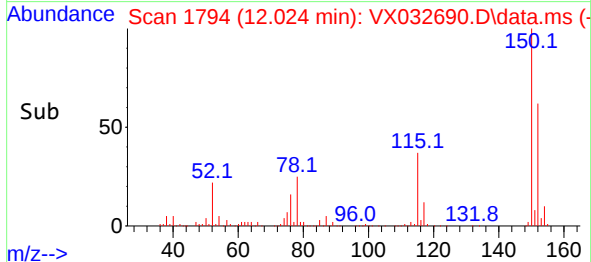
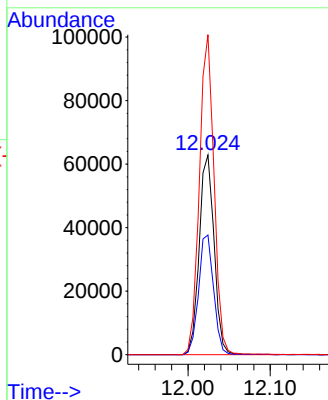
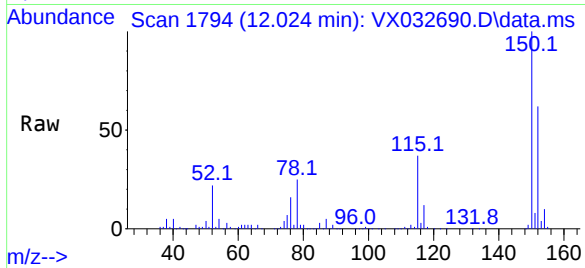




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

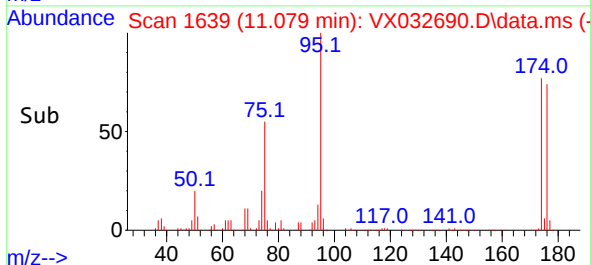
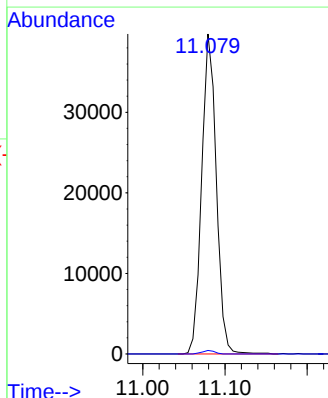
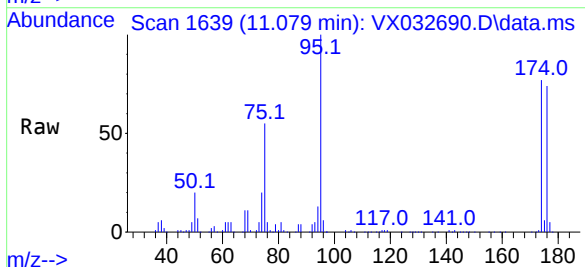
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

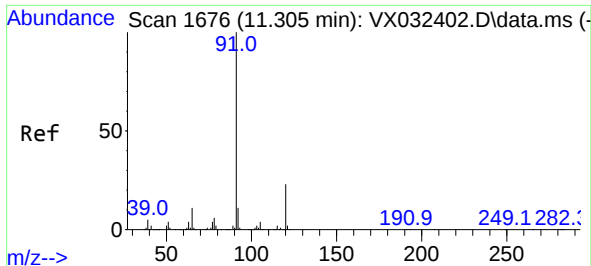
Tgt Ion:152 Resp: 79184
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 75 Resp: 49143
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#

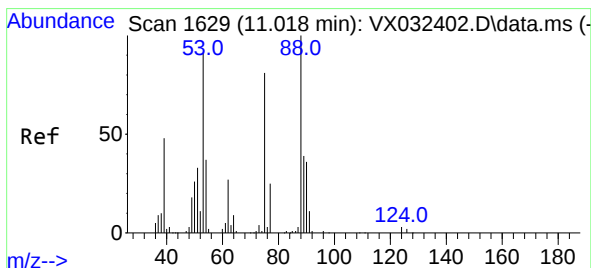
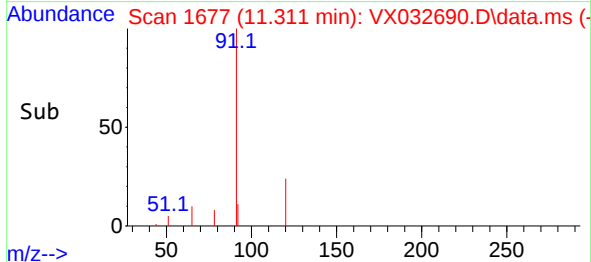
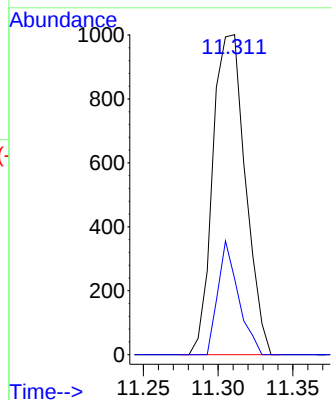
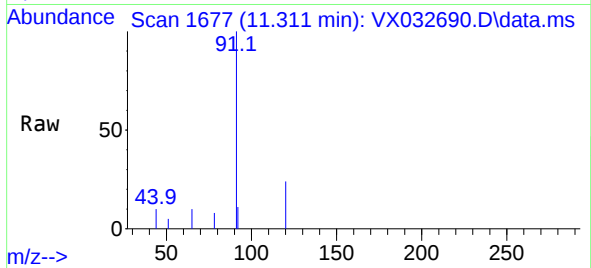




#78
n-propylbenzene
Concen: 0.210 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

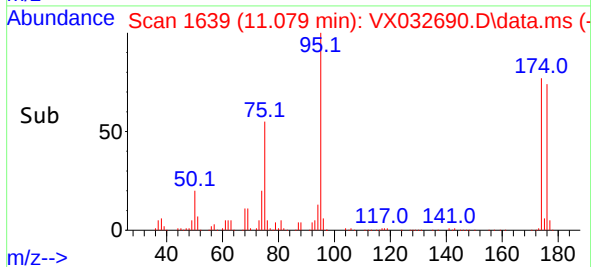
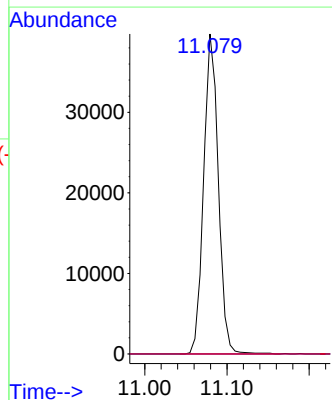
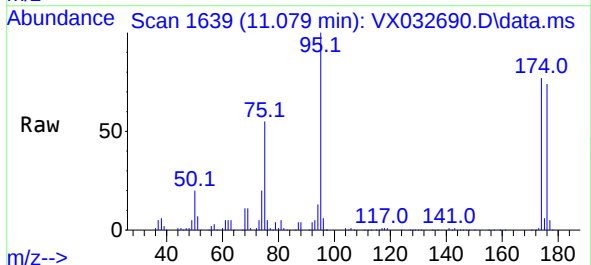
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

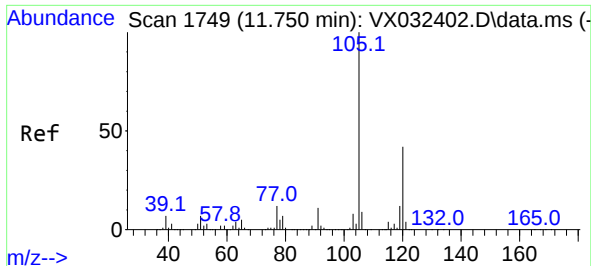
Tgt Ion: 91 Resp: 1519
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8



#81
trans-1,4-Dichloro-2-butene
Concen: 88.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Tgt Ion: 75 Resp: 49143
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

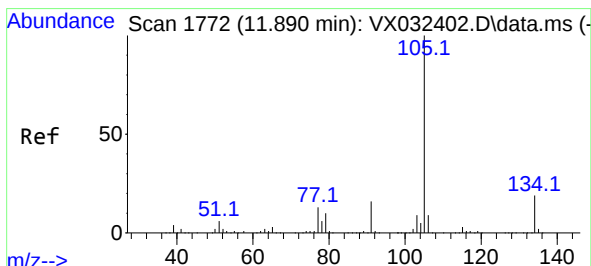
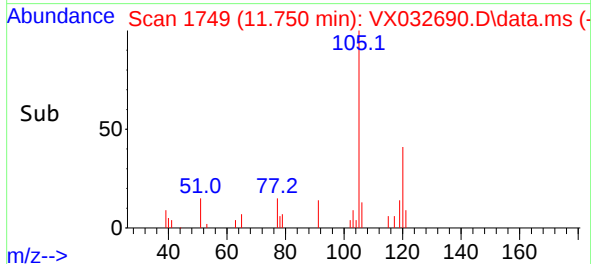
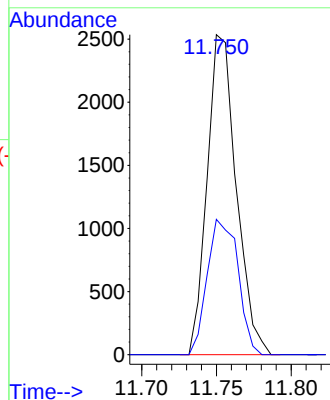
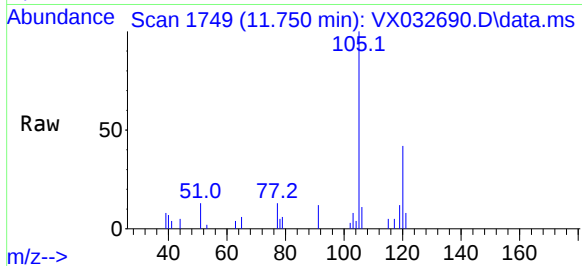




#84
1,2,4-Trimethylbenzene
Concen: 0.645 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

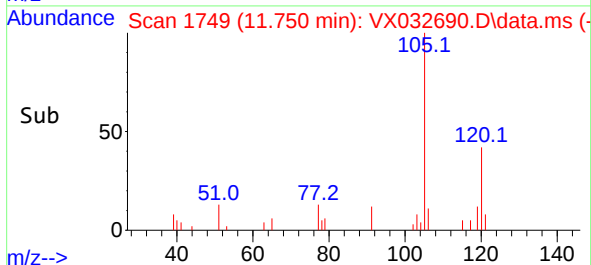
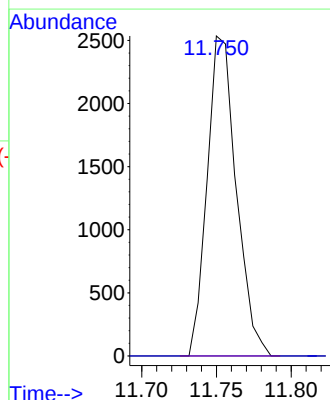
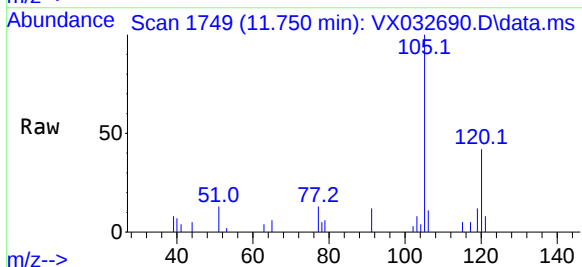
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

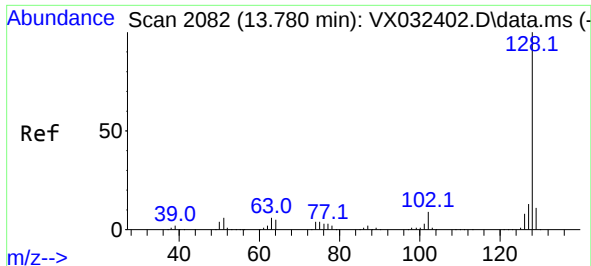
Tgt Ion:105 Resp: 3439
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.534 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

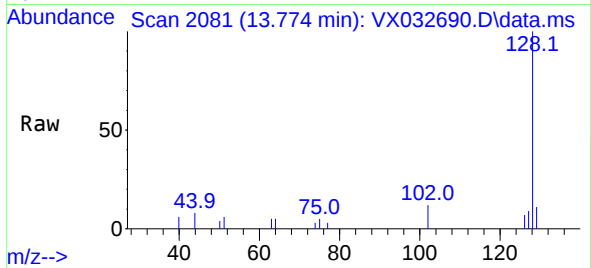
Tgt Ion:105 Resp: 3439
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#95
Naphthalene
Concen: 0.416 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032690.D
Acq: 09 Nov 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-18E



Tgt Ion:128 Resp: 2586
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.4
129 14.2 8.9 13.3#

