

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026924.D
 Acq On : 10 Feb 2022 16:45
 Operator : JC/MD
 Sample : N1446-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136ADL

Quant Time: Feb 11 04:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

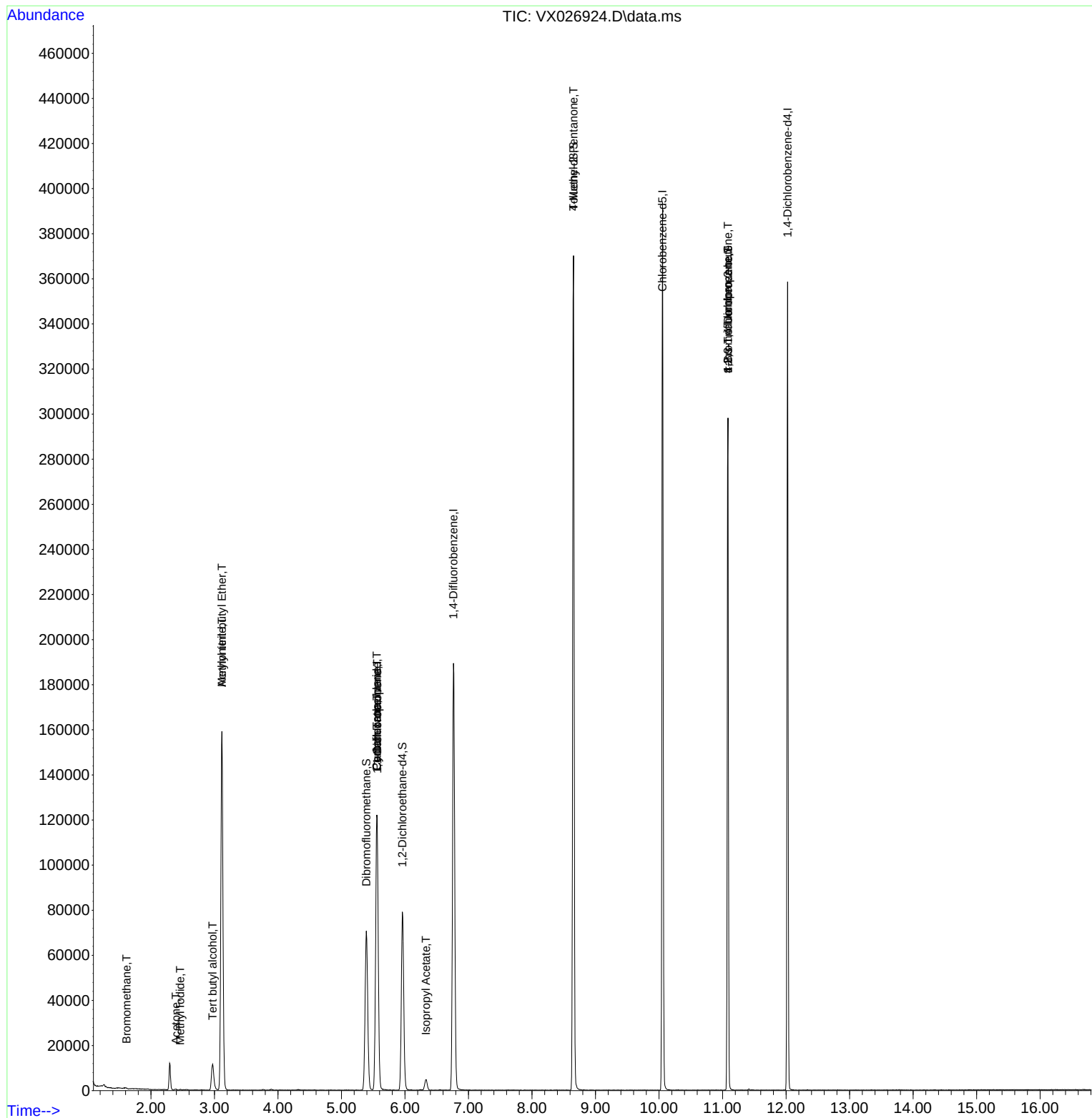
Internal Standards						
1) Pentafluorobenzene	5.556	168	116193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76372	54.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.520%	
35) Dibromofluoromethane	5.391	113	62086	52.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	8.653	98	226982	52.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	11.085	95	80851	53.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	149	0.285	ug/l #	78
10) Methyl Iodide	2.459	142	368	2.467	ug/l #	62
11) Tert butyl alcohol	2.971	59	15834	62.840	ug/l #	95
15) Acrylonitrile	3.117	53	1971	2.730	ug/l #	29
16) Acetone	2.392	43	423	0.691	ug/l #	74
19) Methyl tert-butyl Ether	3.117	73	174474	41.452	ug/l	100
31) Cyclohexane	5.556	56	2358	1.064	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8971	4.834	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11733	6.029	ug/l #	16
43) Isopropyl Acetate	6.330	43	1771	0.546	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1015	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	40797	26.327	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	40797	80.122	ug/l #	3

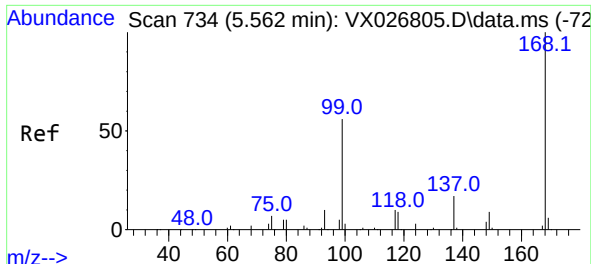
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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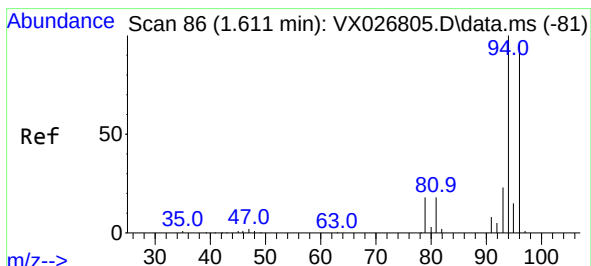
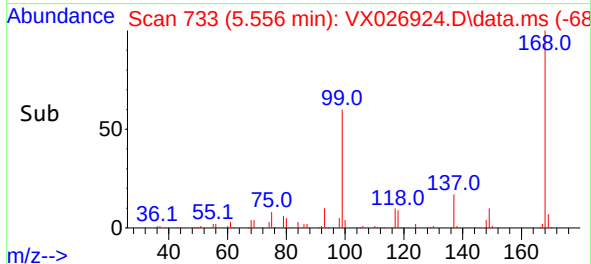
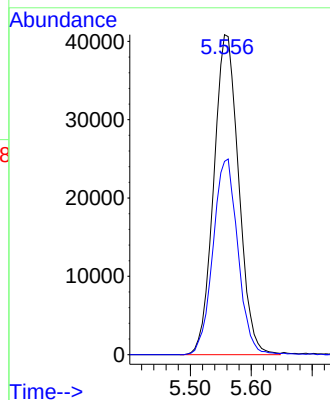
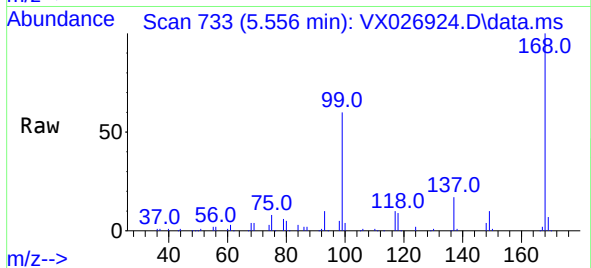




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

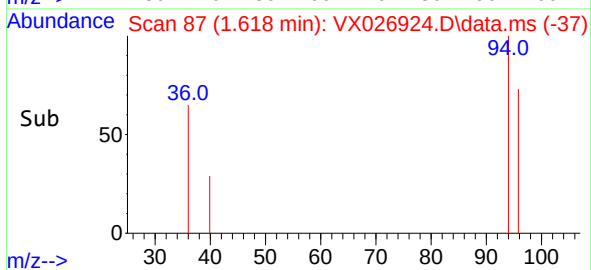
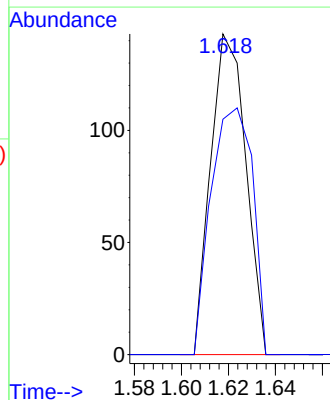
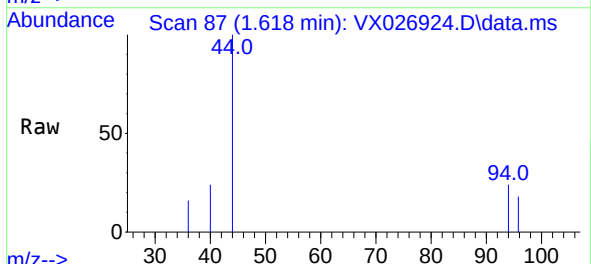
Instrument :
MSVOA_X
ClientSampleId :
MW-136ADL

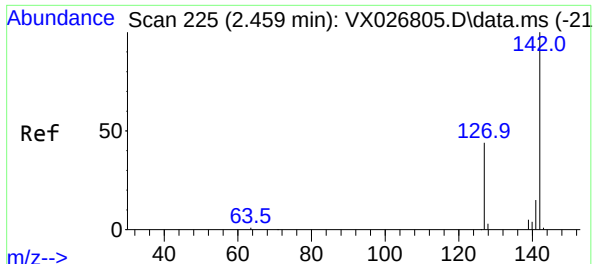
Tgt Ion:168 Resp: 116193
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#5
Bromomethane
Concen: 0.285 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

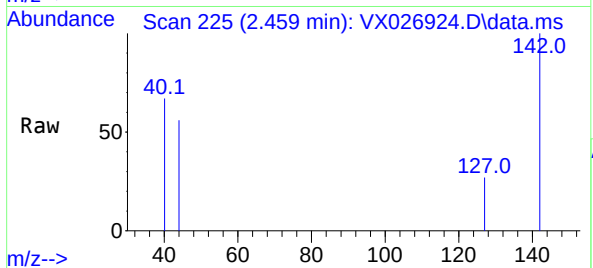
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 73.4 75.9 113.9#



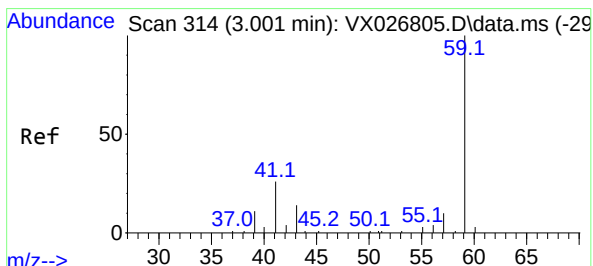
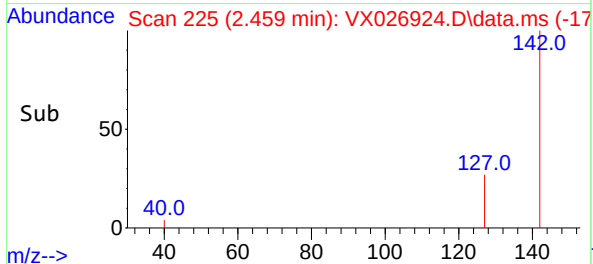
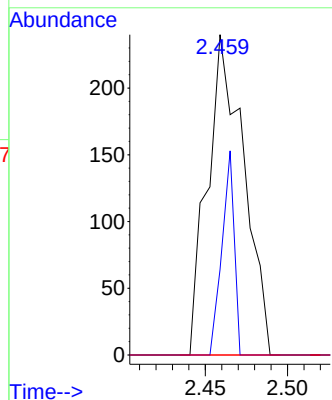


#10
Methyl Iodide
Concen: 2.467 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
MW-136ADL

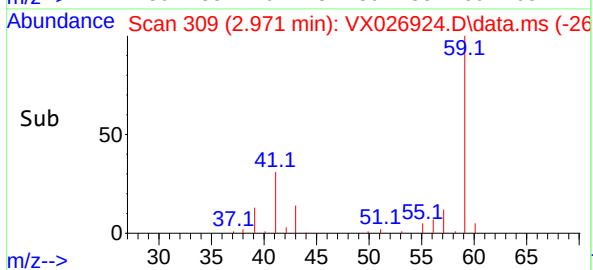
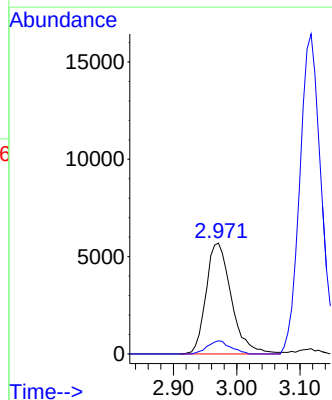
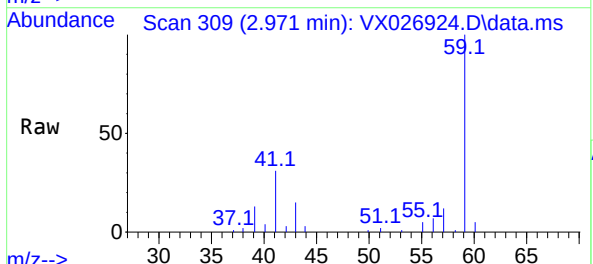


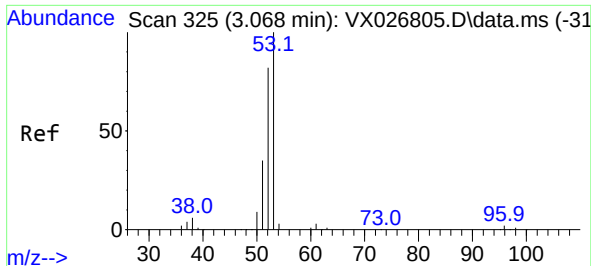
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 21.5 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 62.840 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

Tgt Ion: 59 Resp: 15834
Ion Ratio Lower Upper
59 100
57 10.8 7.2 10.8#

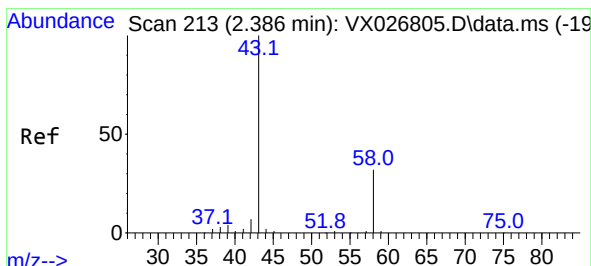
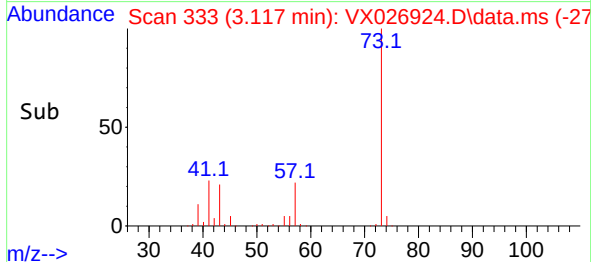
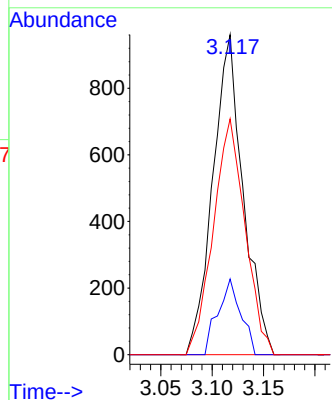
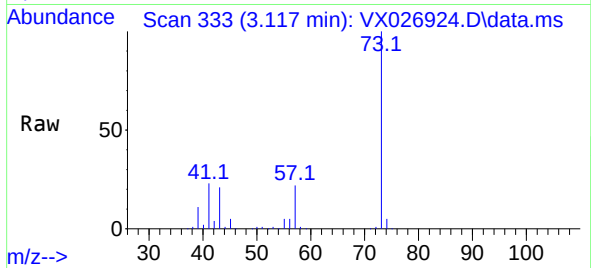




#15
Acrylonitrile
Concen: 2.730 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

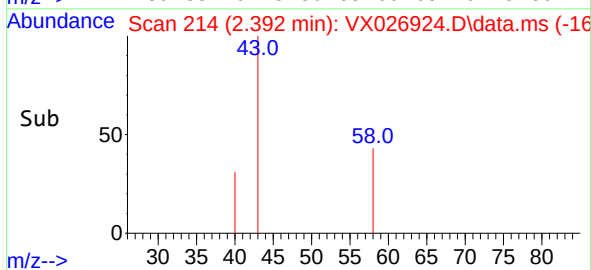
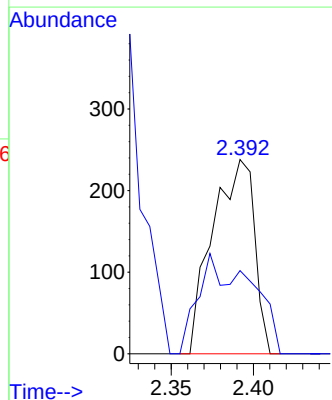
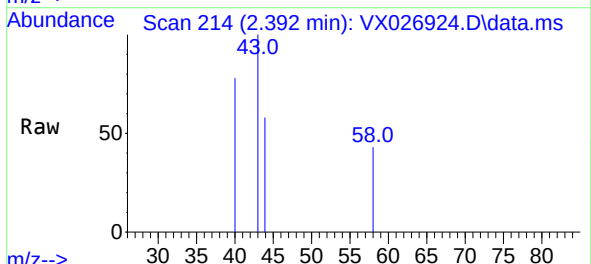
Instrument :
MSVOA_X
ClientSampleId :
MW-136ADL

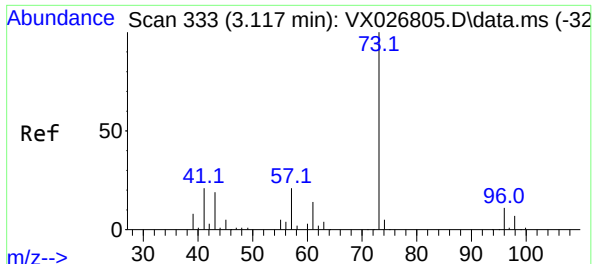
Tgt Ion: 53 Resp: 1971
Ion Ratio Lower Upper
53 100
52 17.8 66.6 100.0#
51 77.1 29.5 44.3#



#16
Acetone
Concen: 0.691 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 42.9 23.0 34.6#





#19

Methyl tert-butyl Ether

Concen: 41.452 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026924.D

Acq: 10 Feb 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

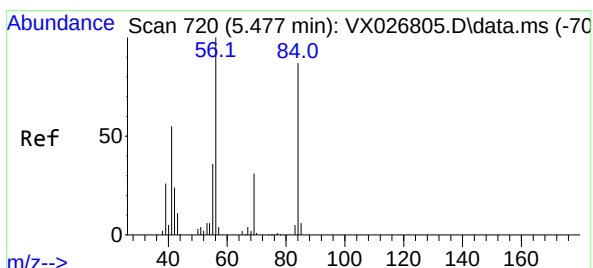
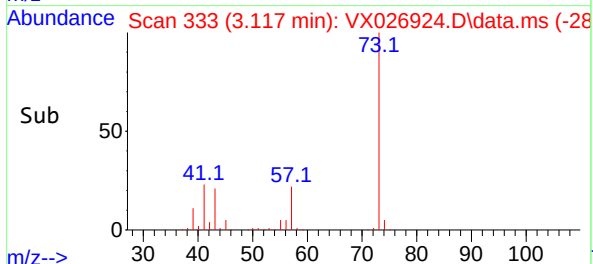
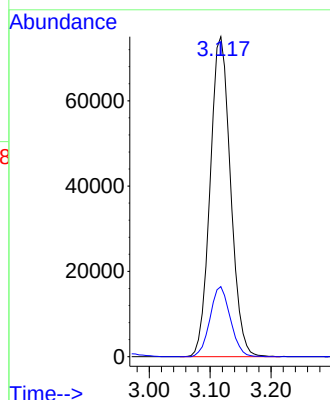
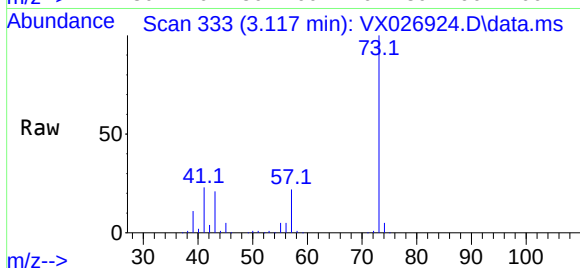
MW-136ADL

Tgt Ion: 73 Resp: 174474

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.2



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026924.D

Acq: 10 Feb 2022 16:45

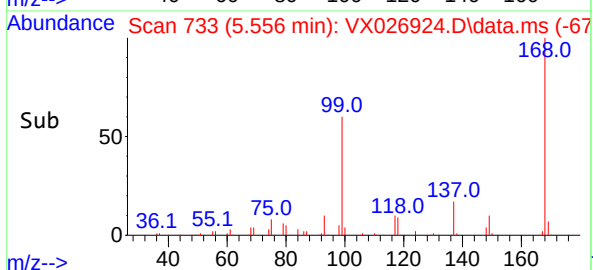
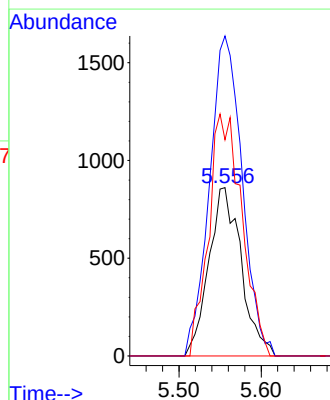
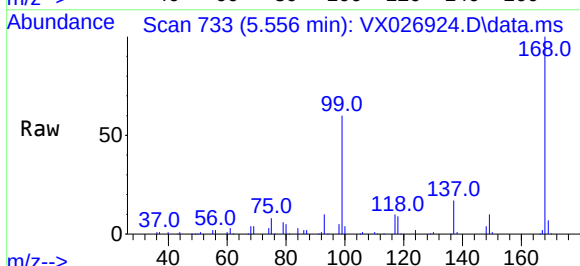
Tgt Ion: 56 Resp: 2358

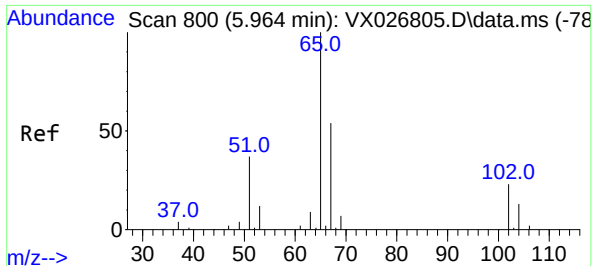
Ion Ratio Lower Upper

56 100

69 190.1 25.8 38.6#

84 128.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.756 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026924.D

Acq: 10 Feb 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

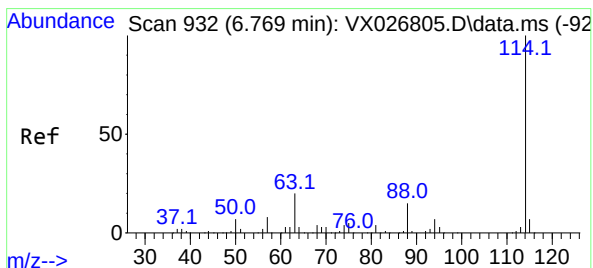
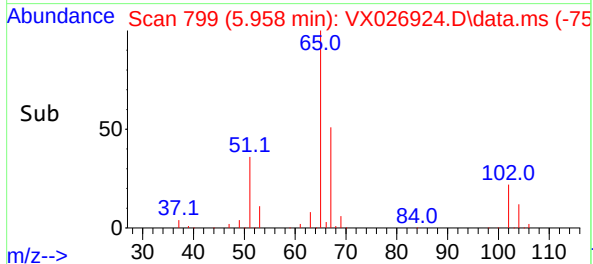
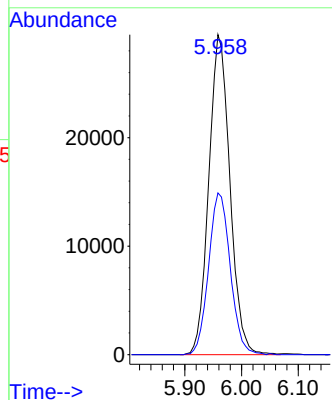
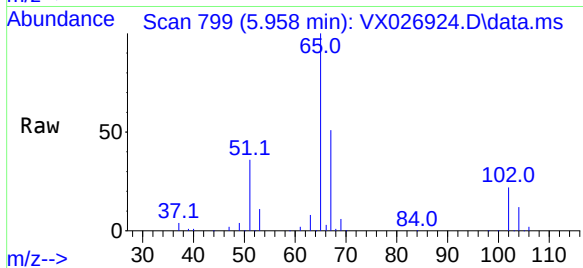
MW-136ADL

Tgt Ion: 65 Resp: 76372

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026924.D

Acq: 10 Feb 2022 16:45

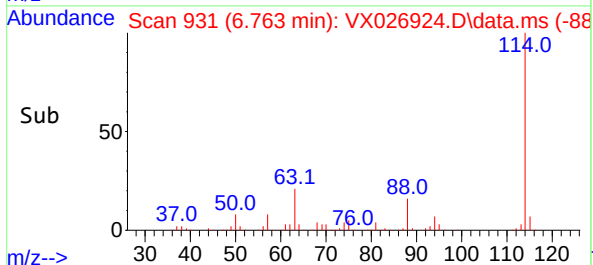
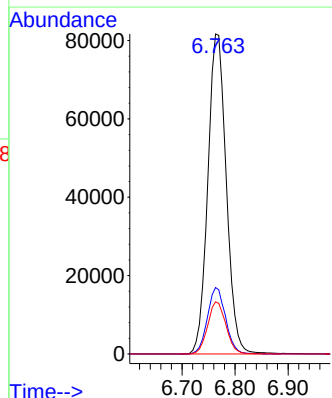
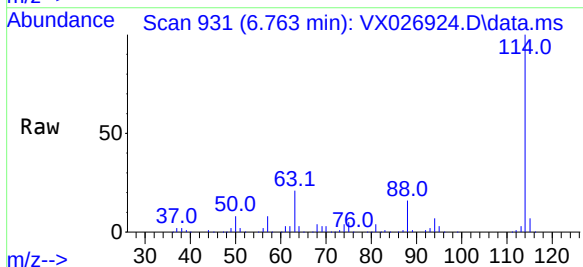
Tgt Ion: 114 Resp: 197439

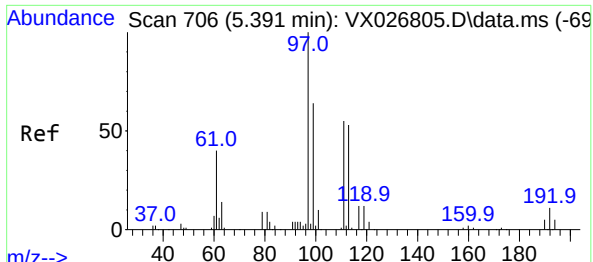
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.3 0.0 33.0

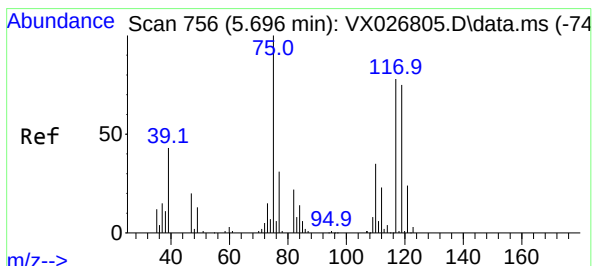
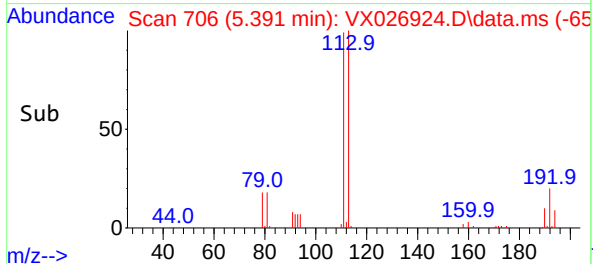
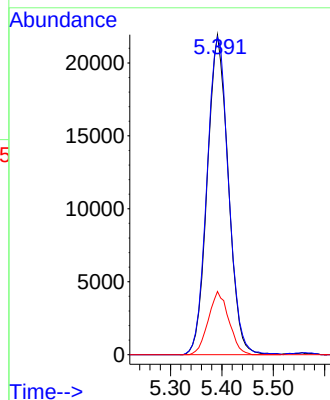
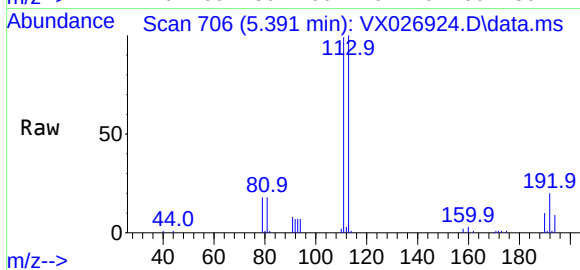




#35
Dibromofluoromethane
Concen: 52.781 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

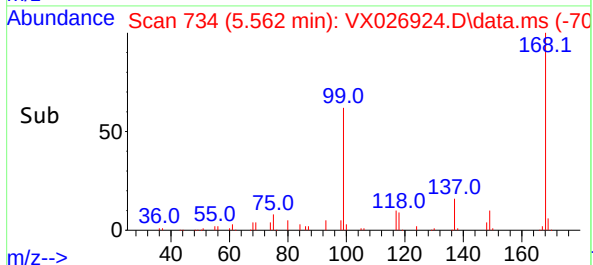
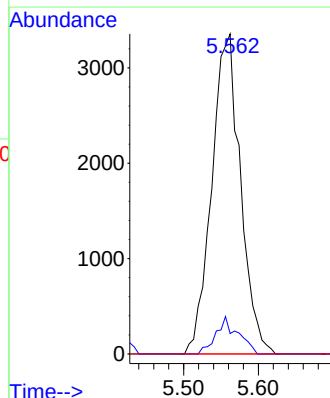
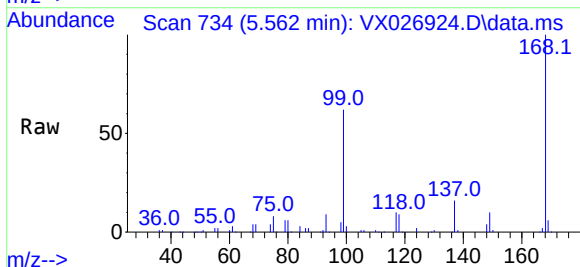
Instrument :
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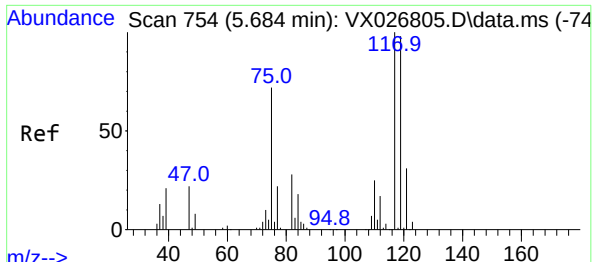
Tgt Ion:113 Resp: 62086
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.834 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

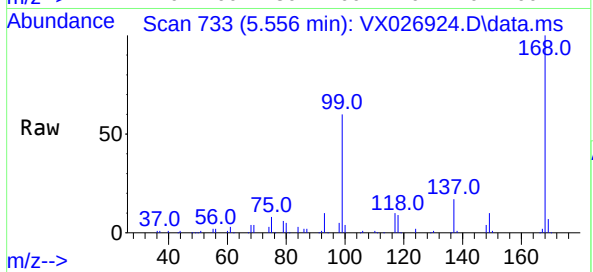
Tgt Ion: 75 Resp: 8971
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



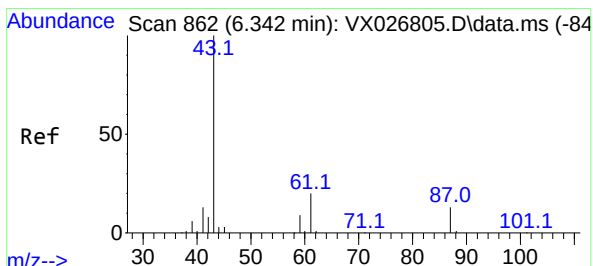
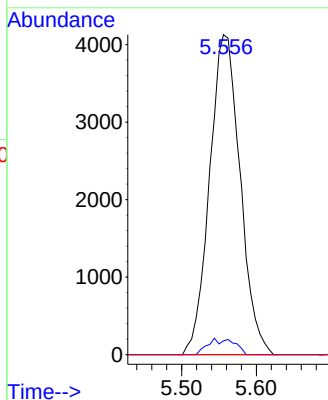
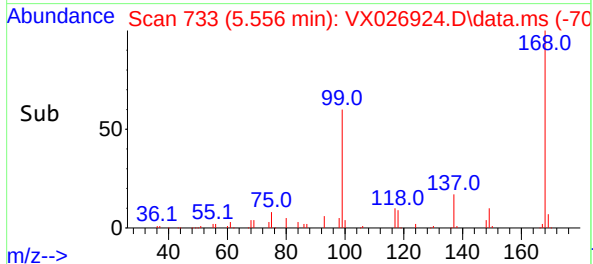


#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

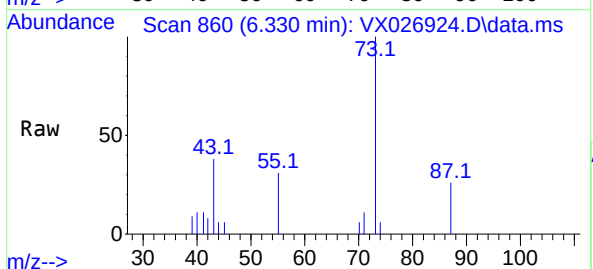
Instrument :
MSVOA_X
ClientSampleId :
MW-136ADL



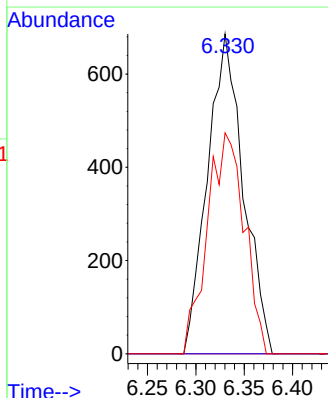
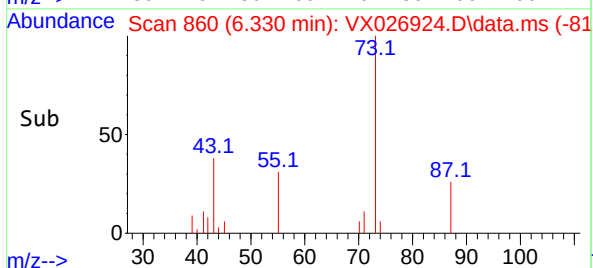
Tgt Ion:117 Resp: 11733
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#

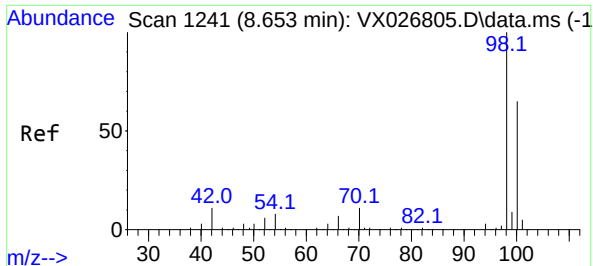


#43
Isopropyl Acetate
Concen: 0.546 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45



Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 71.0 10.2 15.2#





#50

Toluene-d8

Concen: 52.568 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026924.D

Acq: 10 Feb 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

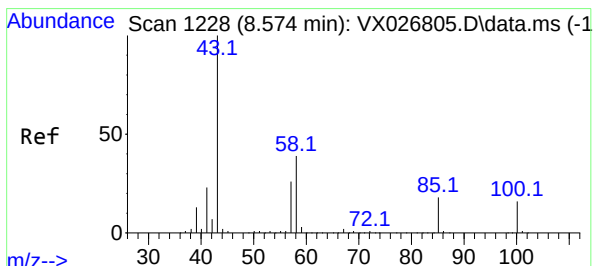
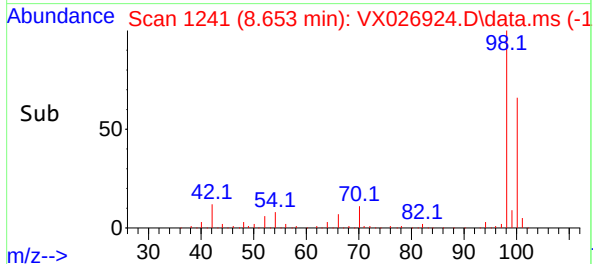
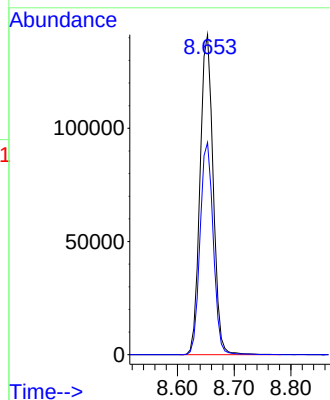
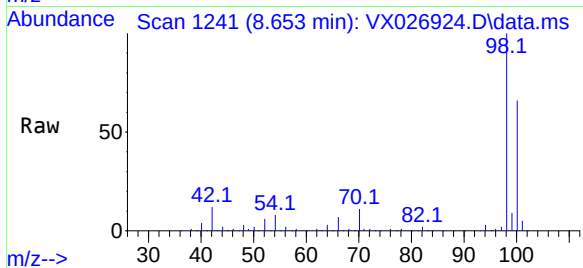
MW-136ADL

Tgt Ion: 98 Resp: 226982

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026924.D

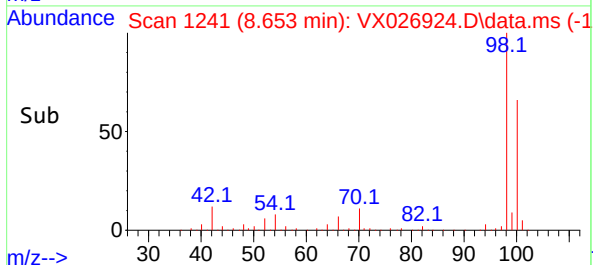
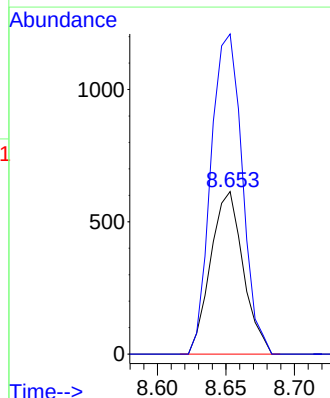
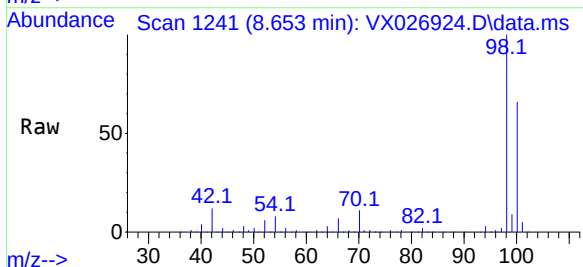
Acq: 10 Feb 2022 16:45

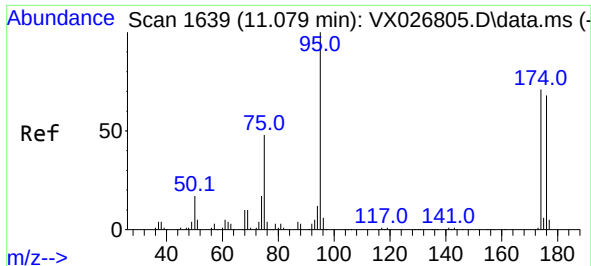
Tgt Ion: 43 Resp: 1015

Ion Ratio Lower Upper

43 100

58 189.7 30.5 45.7#

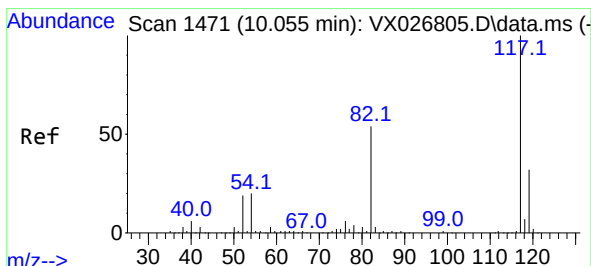
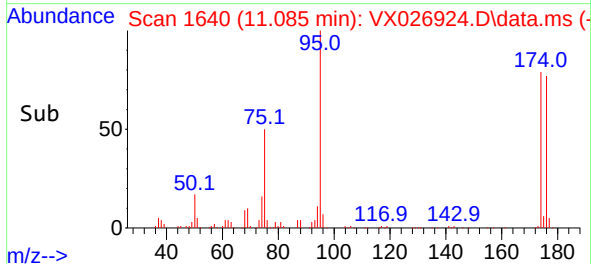
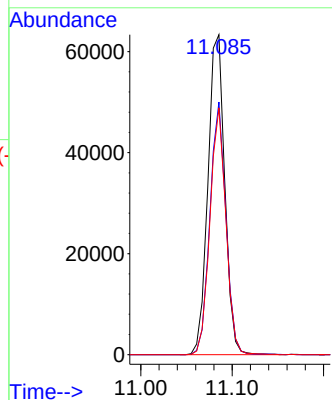
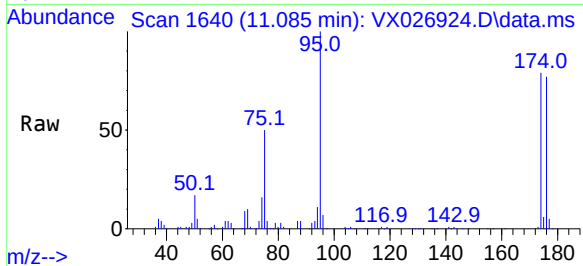




#62
4-Bromofluorobenzene
Concen: 53.185 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

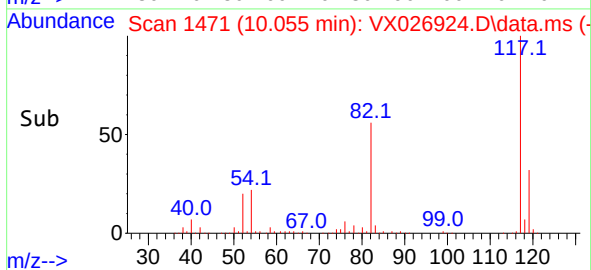
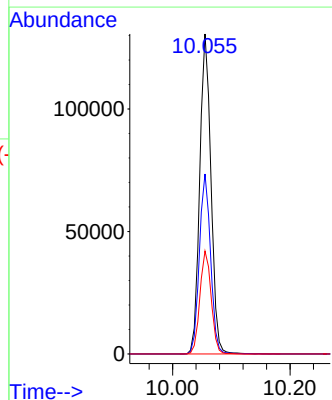
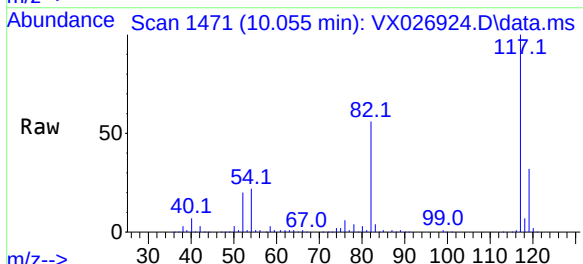
Instrument :
MSVOA_X
ClientSampleId :
MW-136ADL

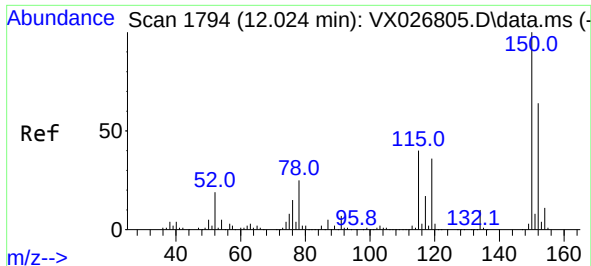
Tgt Ion: 95 Resp: 80851
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026924.D
Acq: 10 Feb 2022 16:45

Tgt Ion: 117 Resp: 172875
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.2 26.2 39.2

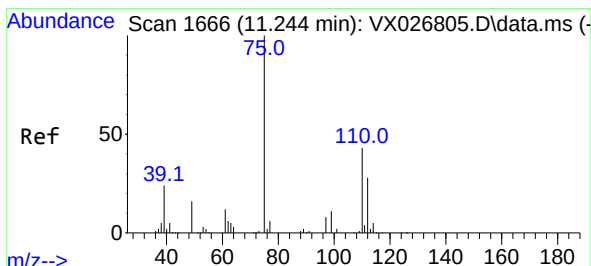
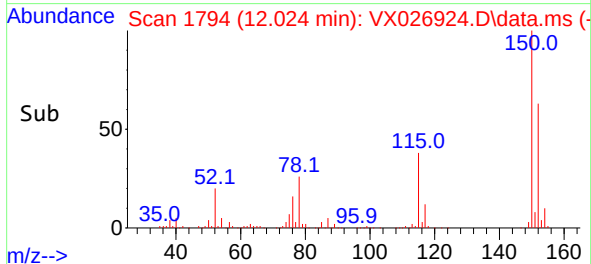
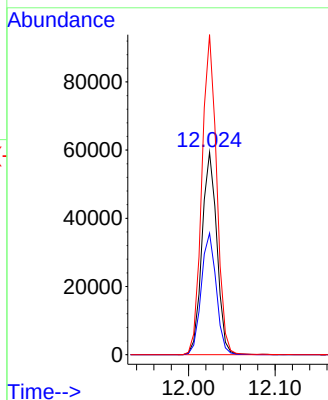
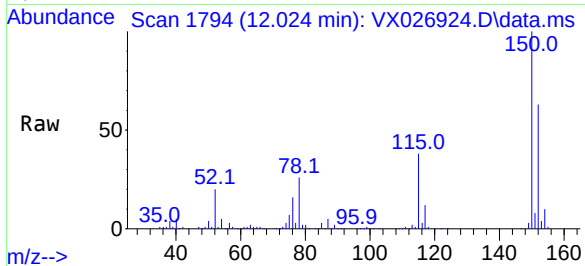




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026924.D
 Acq: 10 Feb 2022 16:45

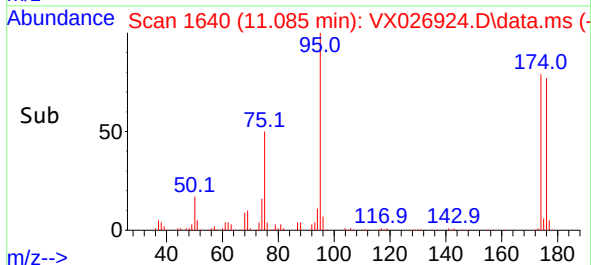
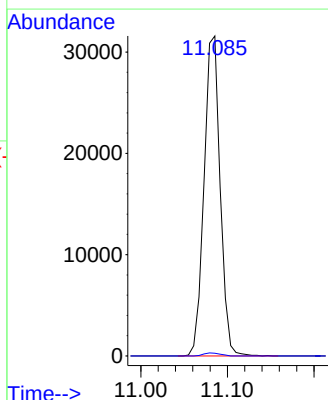
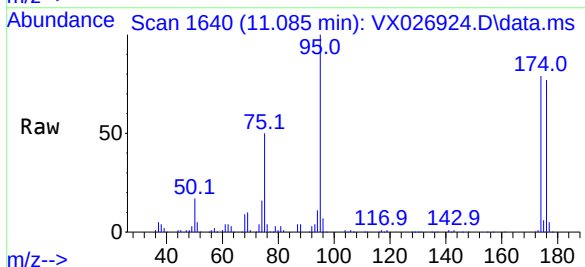
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136ADL

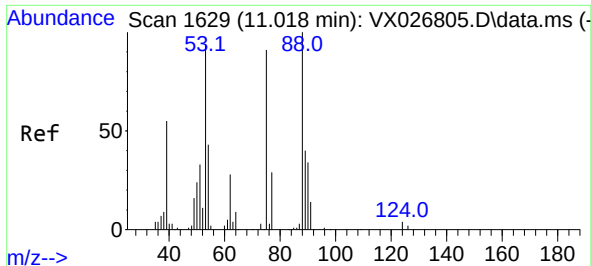
Tgt Ion:152 Resp: 70791
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.2 132.6
 150 157.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.327 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX026924.D
 Acq: 10 Feb 2022 16:45

Tgt Ion: 75 Resp: 40797
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.122 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX026924.D
 Acq: 10 Feb 2022 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136ADL

Tgt Ion: 75 Resp: 40797
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

