

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026925.D
 Acq On : 10 Feb 2022 17:08
 Operator : JC/MD
 Sample : N1446-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136BDL

Quant Time: Feb 11 04:01:06 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)

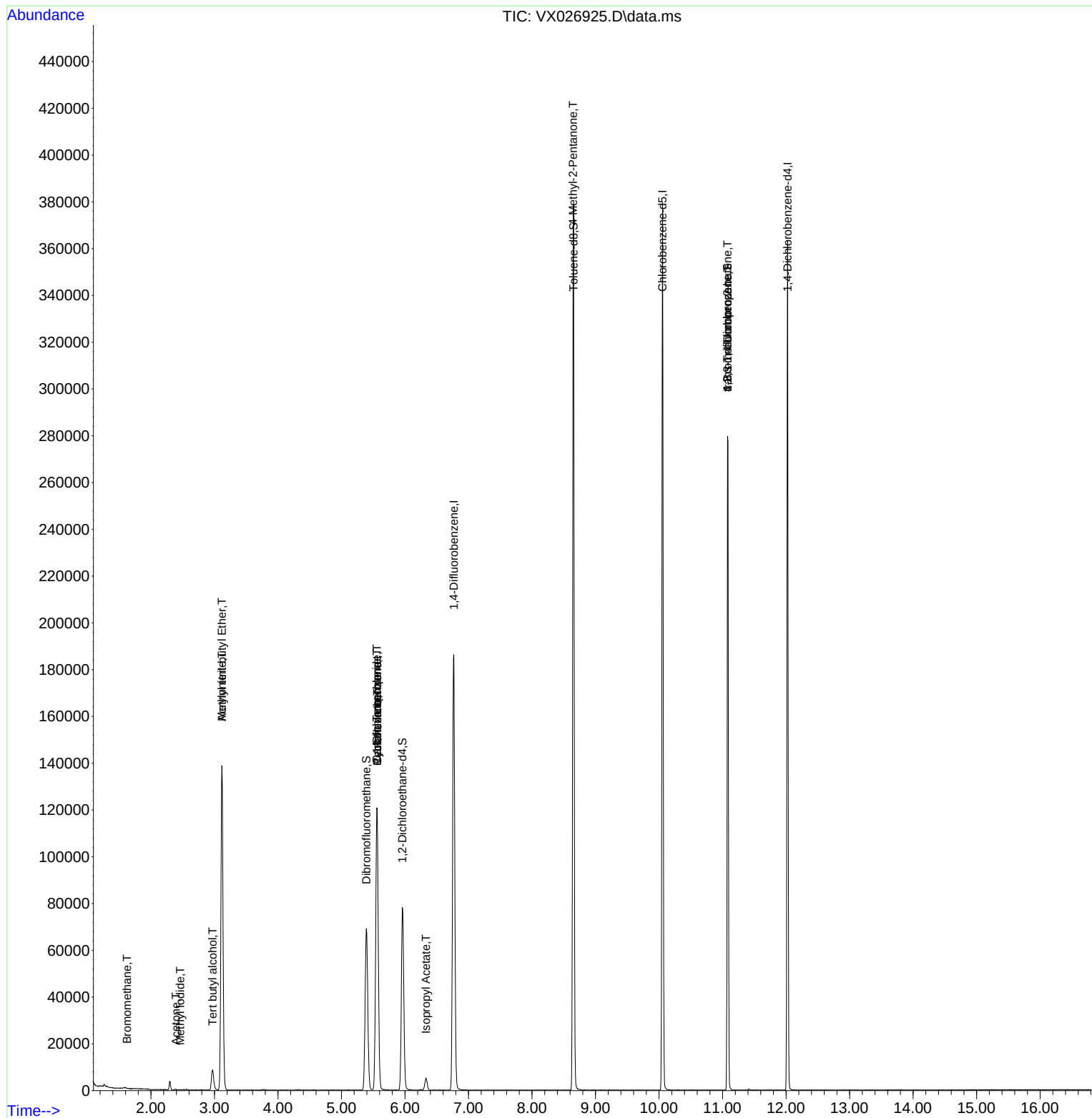
Internal Standards						
1) Pentafluorobenzene	5.562	168	114756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	194166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76723	55.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.400%	
35) Dibromofluoromethane	5.391	113	60880	52.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.260%	
50) Toluene-d8	8.653	98	222536	52.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.820%	
62) 4-Bromofluorobenzene	11.079	95	79501	53.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	135	0.262	ug/l	88
10) Methyl Iodide	2.459	142	226	2.387	ug/l #	60
11) Tert butyl alcohol	2.971	59	11376	45.713	ug/l	97
15) Acrylonitrile	3.117	53	1652	2.317	ug/l #	27
16) Acetone	2.392	43	333	0.550	ug/l #	75
19) Methyl tert-butyl Ether	3.117	73	152646	36.720	ug/l	98
31) Cyclohexane	5.562	56	2162	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8684	4.759	ug/l #	46
38) Carbon Tetrachloride	5.556	117	11777	6.154	ug/l #	17
43) Isopropyl Acetate	6.330	43	1709	0.536	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	940	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39635	25.086	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39635	76.505	ug/l #	3

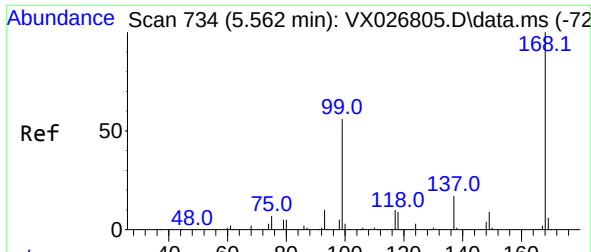
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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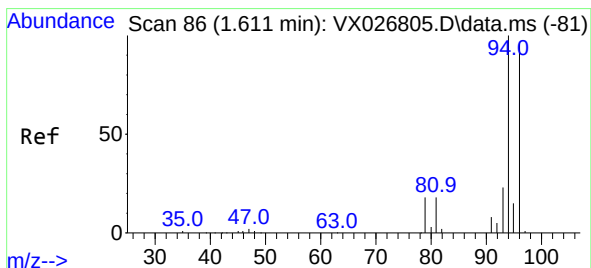
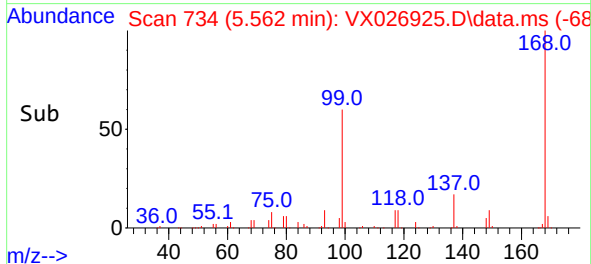
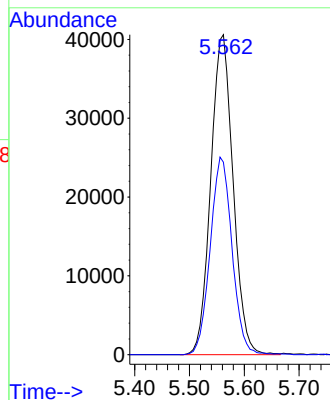
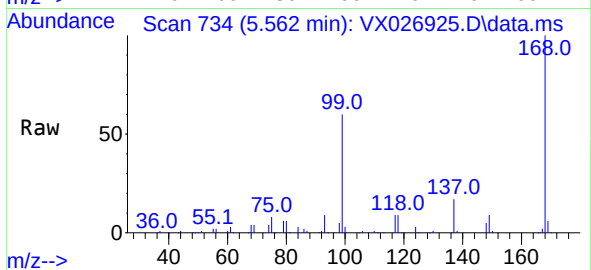




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

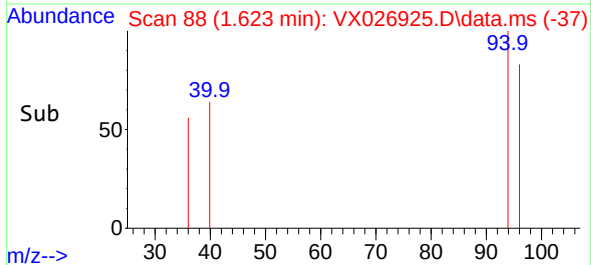
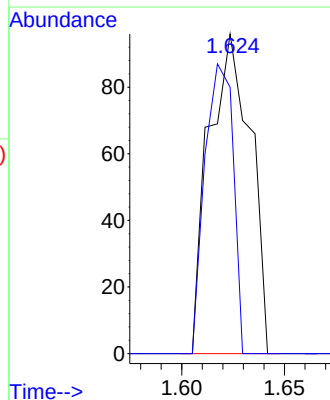
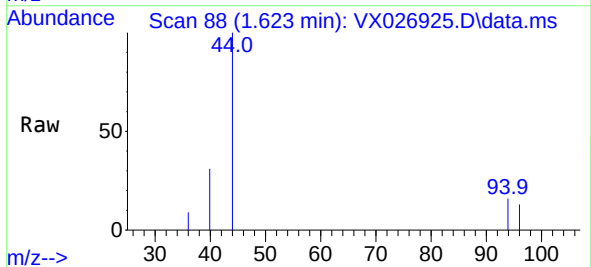
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

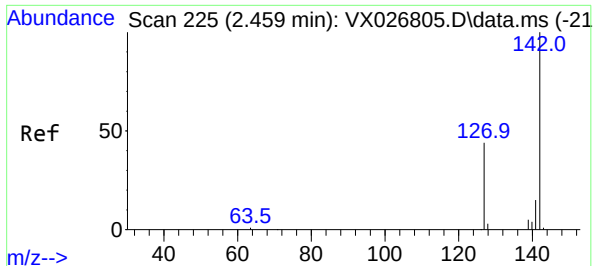
Tgt Ion:168 Resp: 114756
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 83.3 75.9 113.9

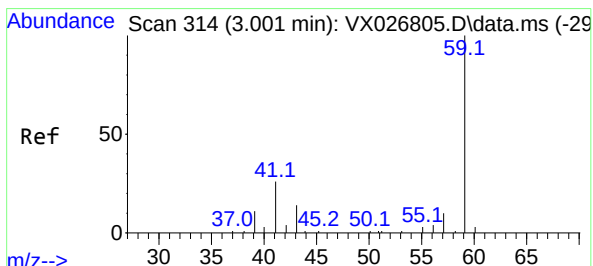
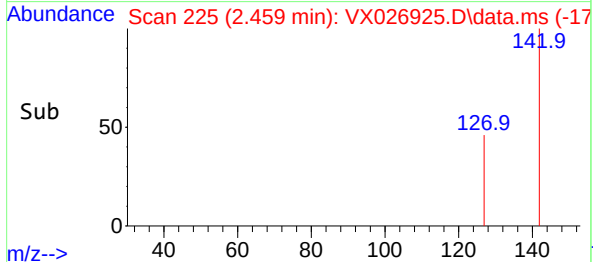
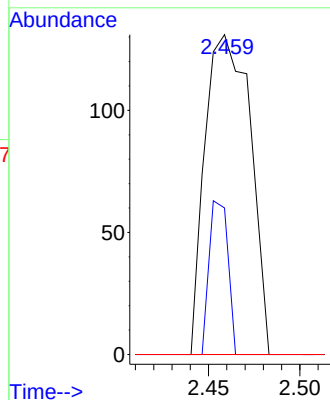
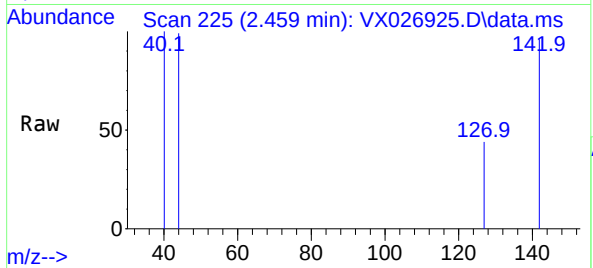




#10
Methyl Iodide
Concen: 2.387 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

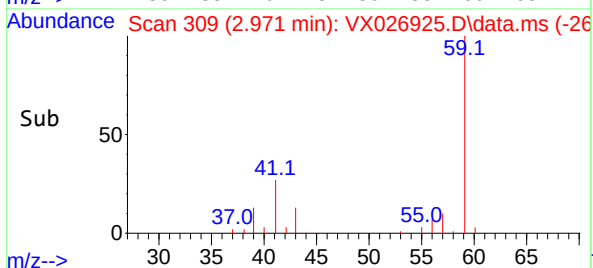
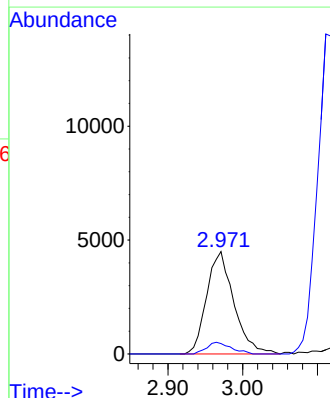
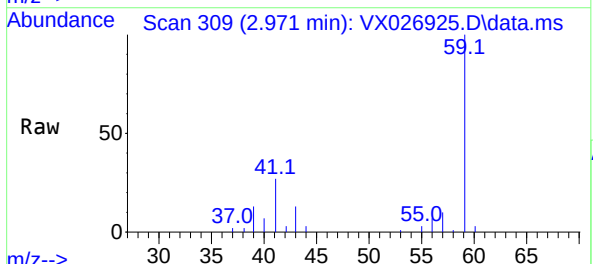
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

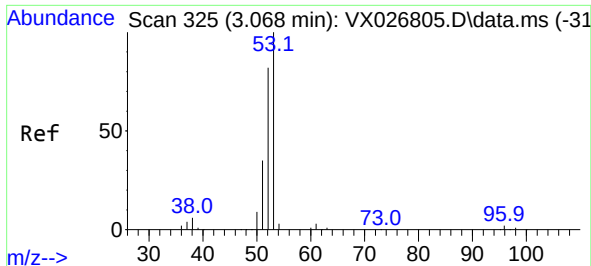
Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 19.9 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 45.713 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 59 Resp: 11376
Ion Ratio Lower Upper
59 100
57 10.2 7.2 10.8

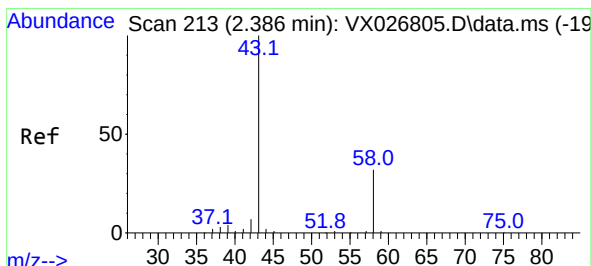
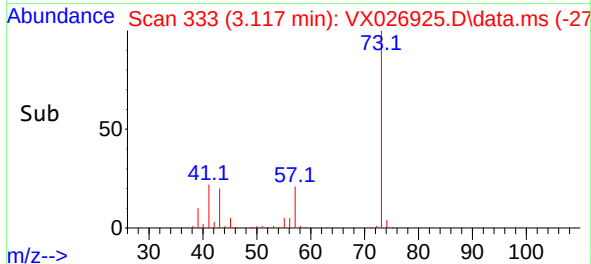
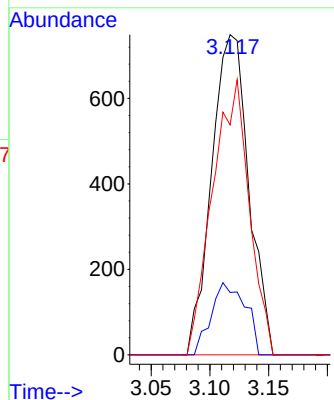
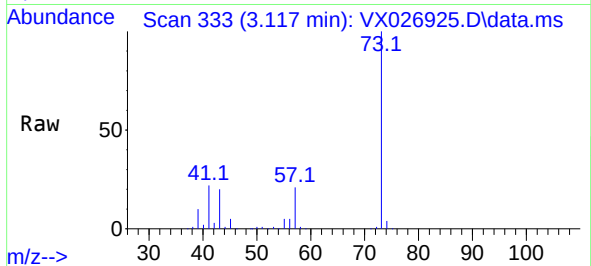




#15
Acrylonitrile
Concen: 2.317 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

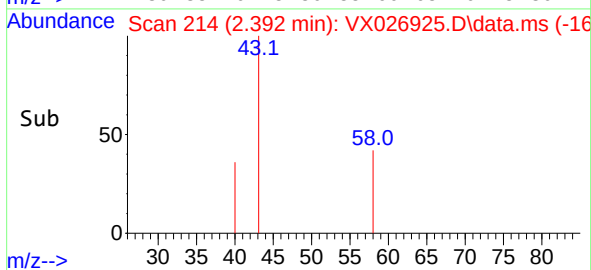
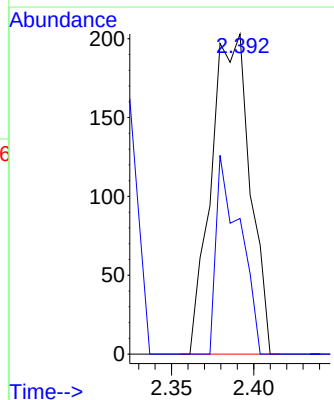
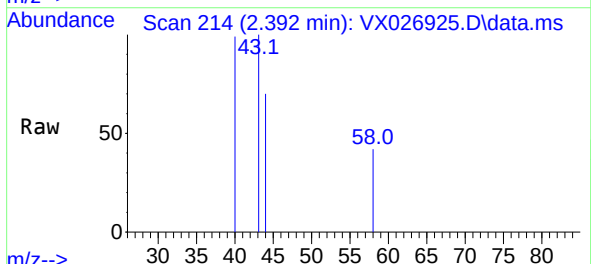
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

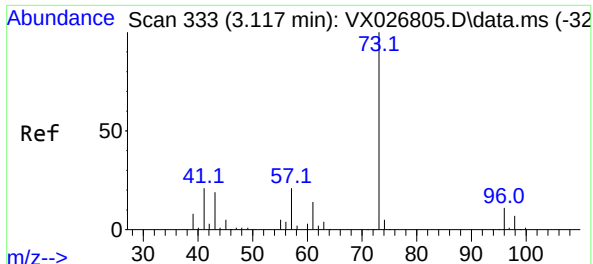
Tgt Ion: 53 Resp: 1652
Ion Ratio Lower Upper
53 100
52 20.6 66.6 100.0#
51 84.4 29.5 44.3#



#16
Acetone
Concen: 0.550 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 42.4 23.0 34.6#

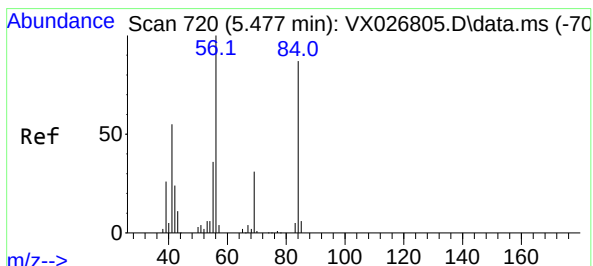
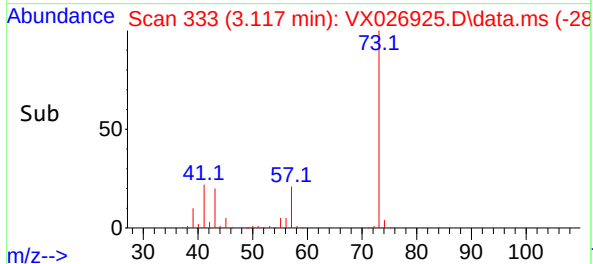
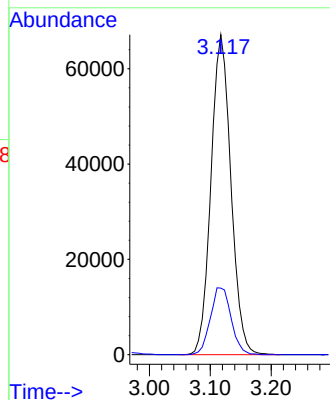
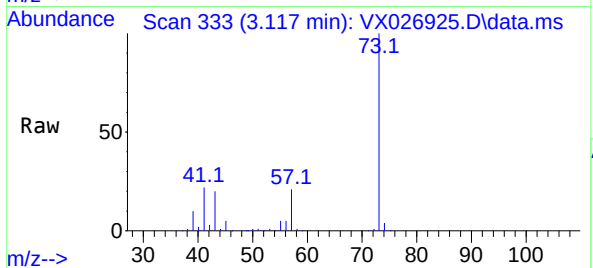




#19
Methyl tert-butyl Ether
Concen: 36.720 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

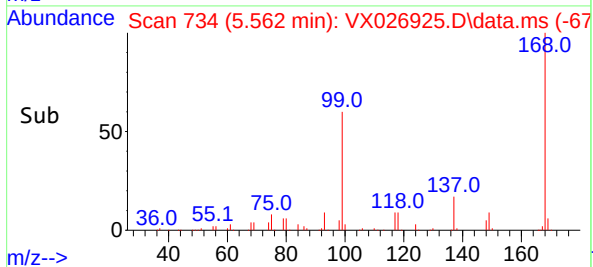
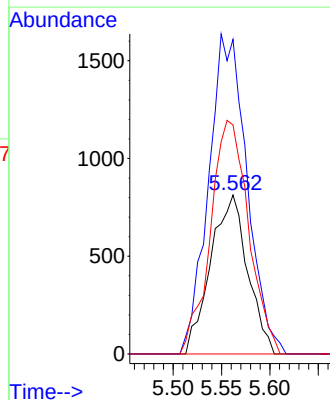
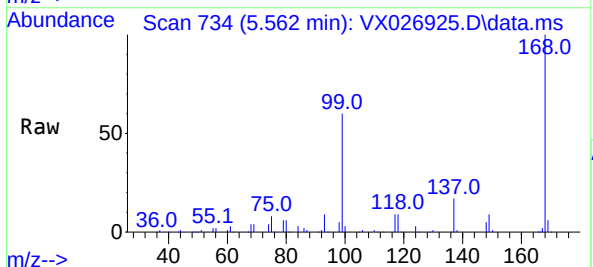
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

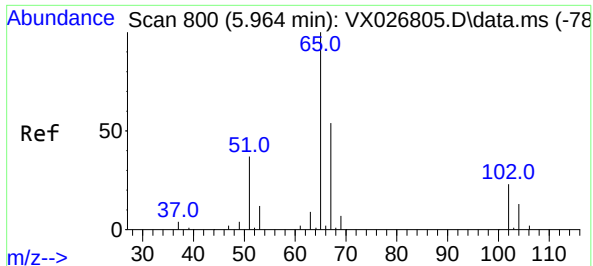
Tgt Ion: 73 Resp: 152646
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2



#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 197.9 25.8 38.6#
84 144.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.696 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026925.D

Acq: 10 Feb 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

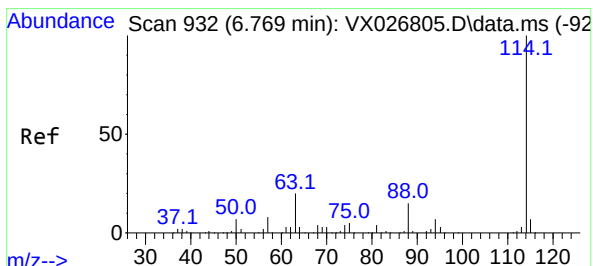
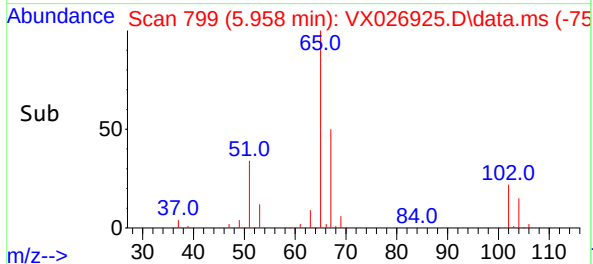
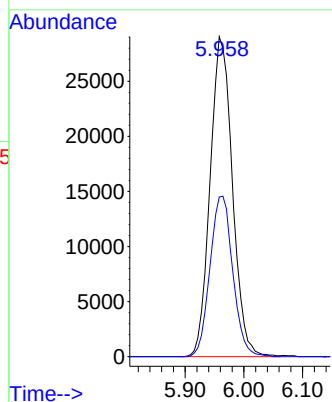
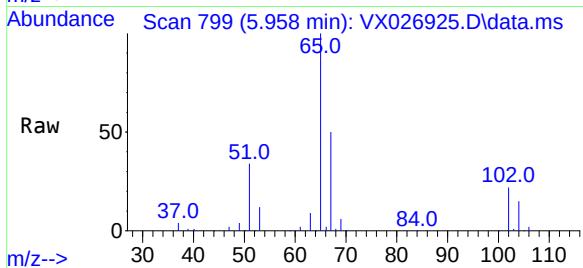
MW-136BDL

Tgt Ion: 65 Resp: 76723

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026925.D

Acq: 10 Feb 2022 17:08

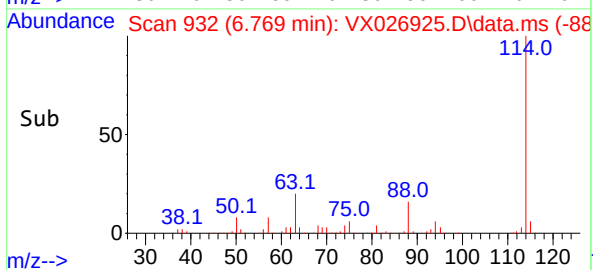
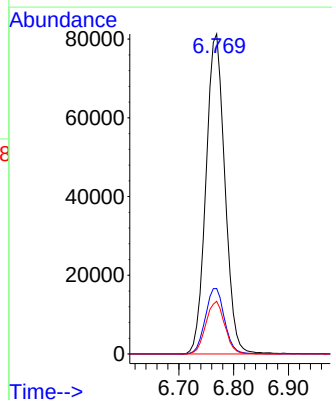
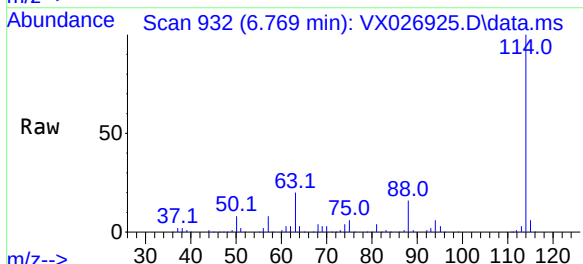
Tgt Ion: 114 Resp: 194166

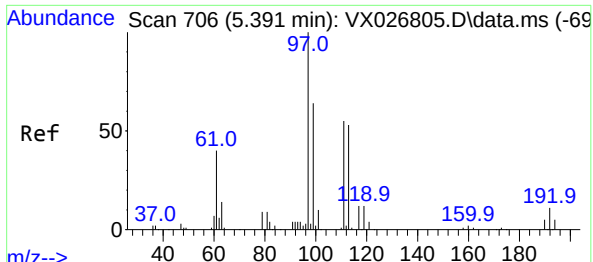
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.5 0.0 33.0

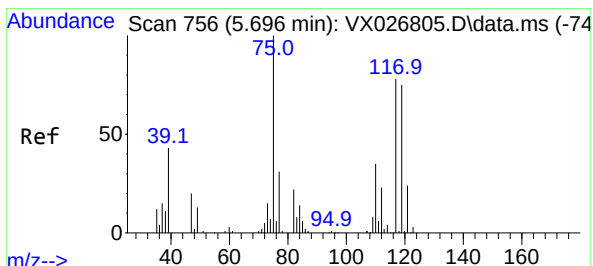
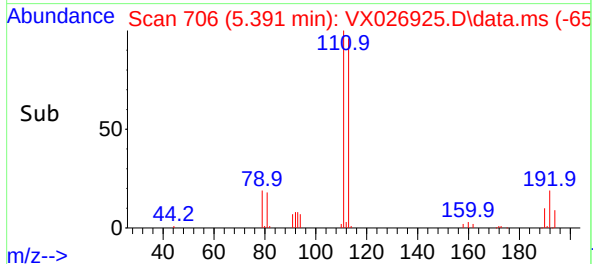
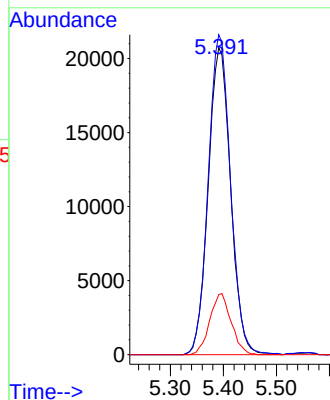
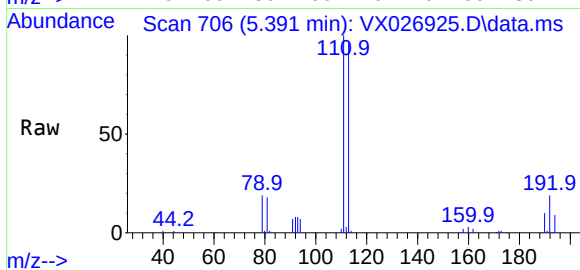




#35
Dibromofluoromethane
Concen: 52.628 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

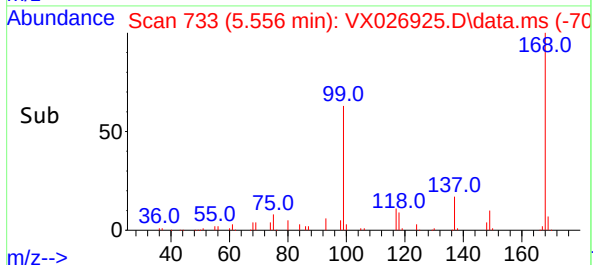
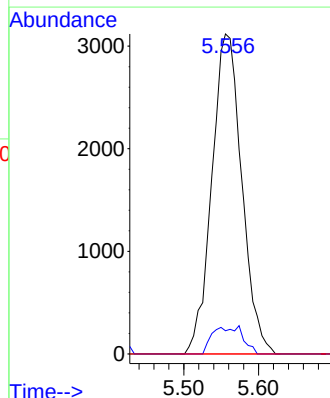
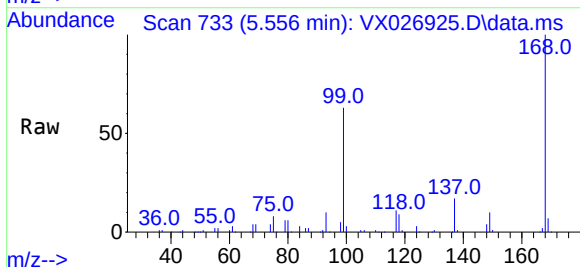
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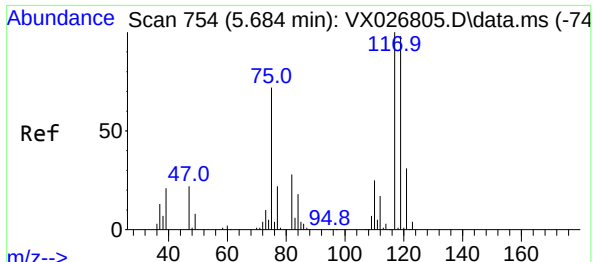
Tgt Ion:113 Resp: 60880
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

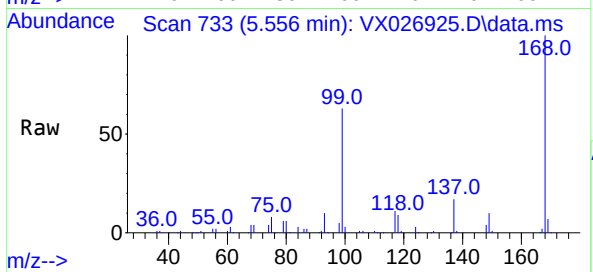
Tgt Ion: 75 Resp: 8684
Ion Ratio Lower Upper
75 100
110 4.3 17.2 51.6#
77 0.0 24.6 36.8#



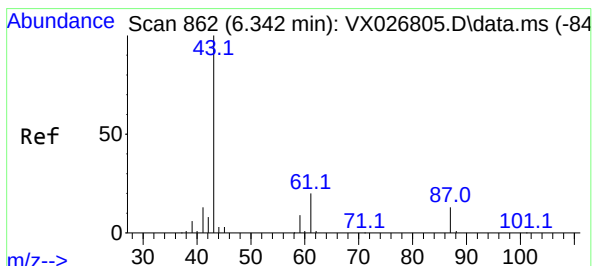
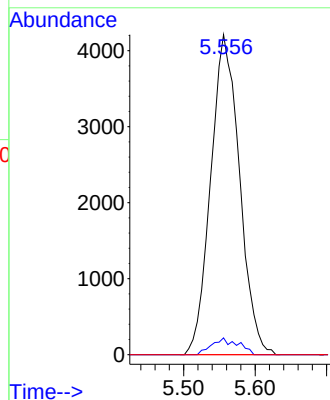
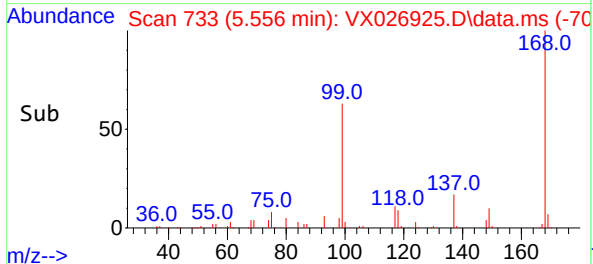


#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

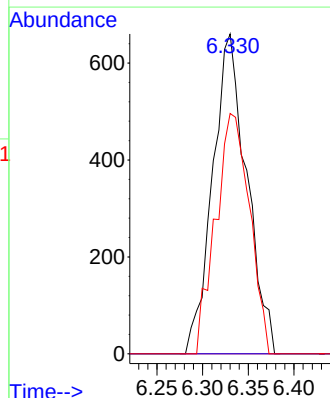
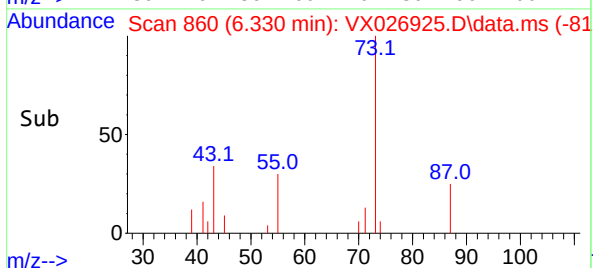
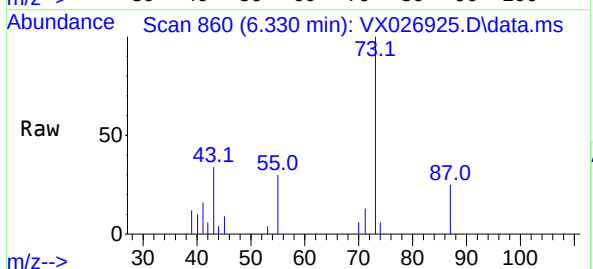


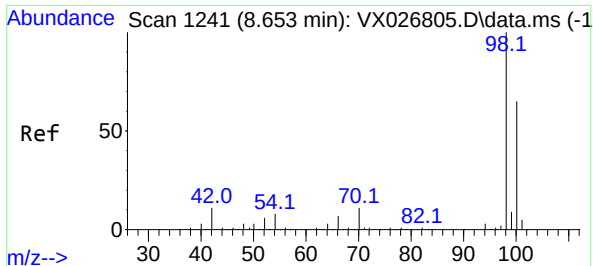
Tgt Ion:117 Resp: 11777
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.536 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 74.8 10.2 15.2#

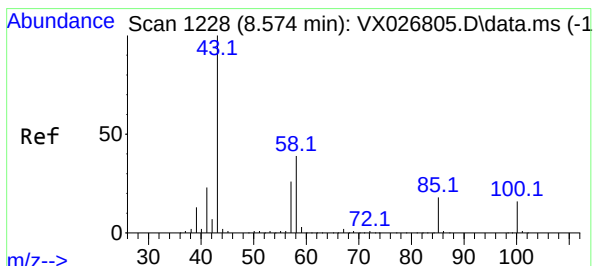
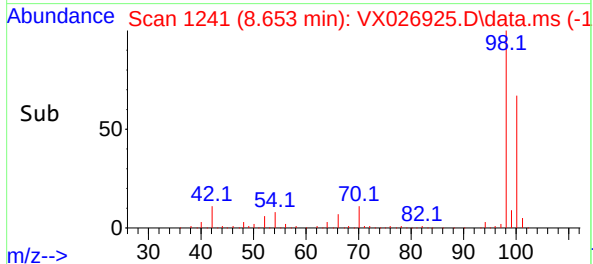
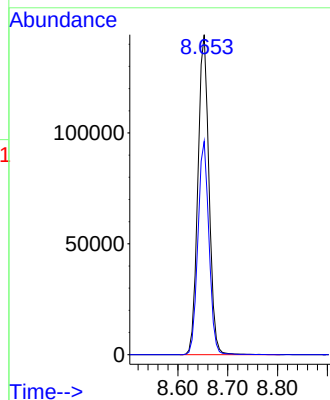
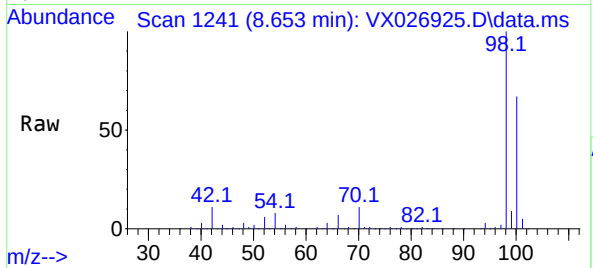




#50
Toluene-d8
Concen: 52.407 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

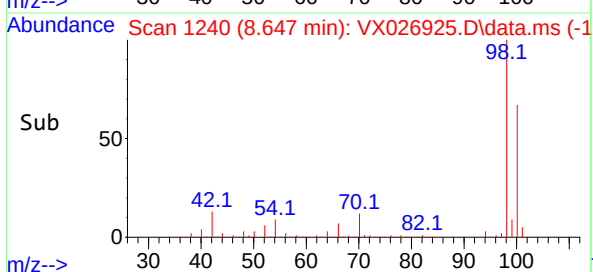
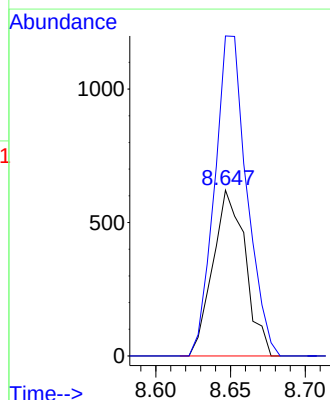
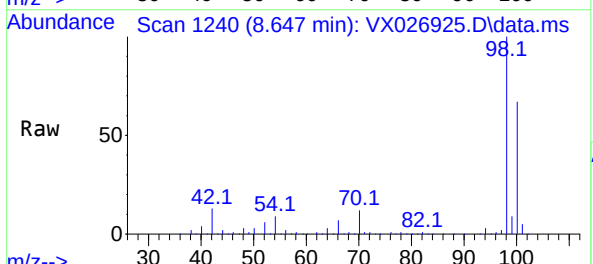
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

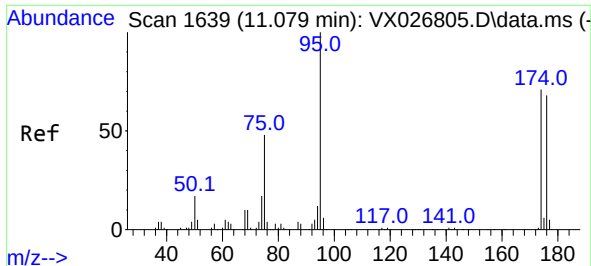
Tgt Ion: 98 Resp: 222536
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 191.6 30.5 45.7#

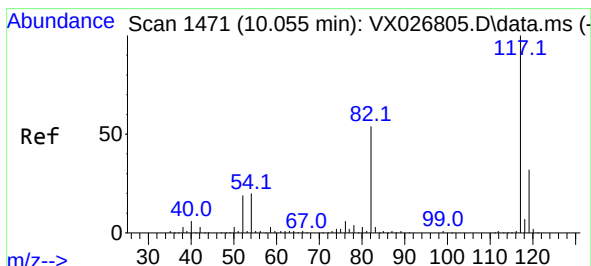
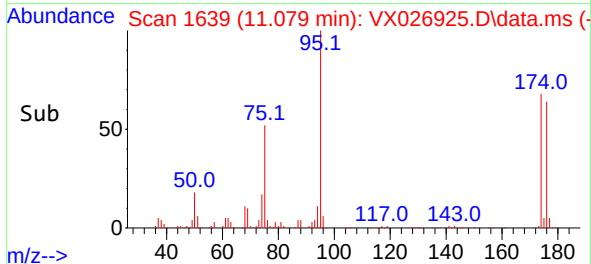
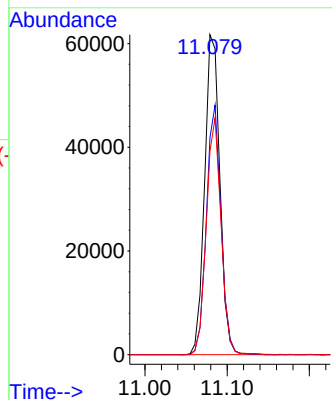
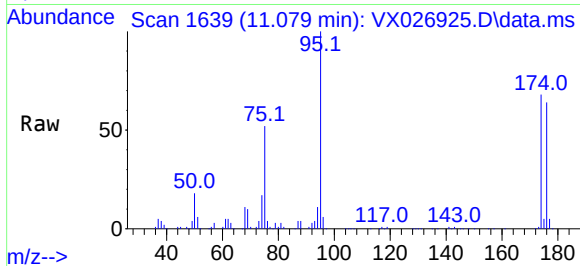




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

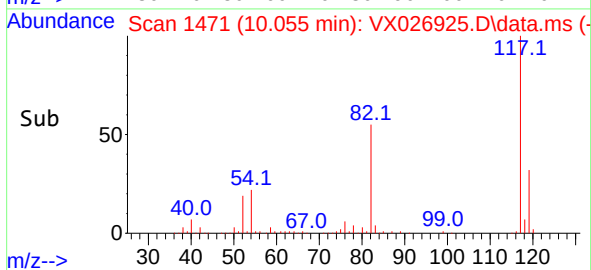
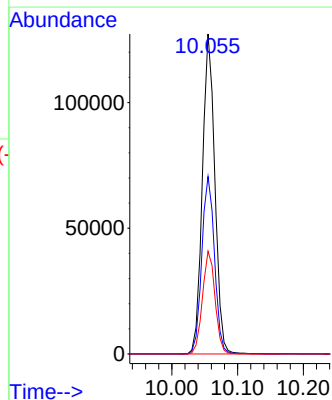
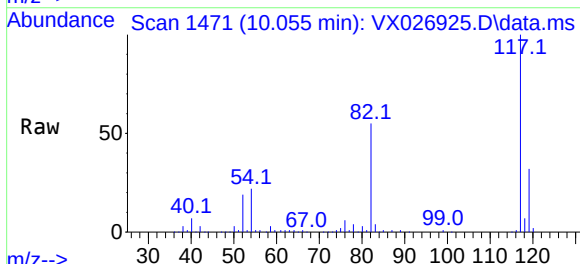
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

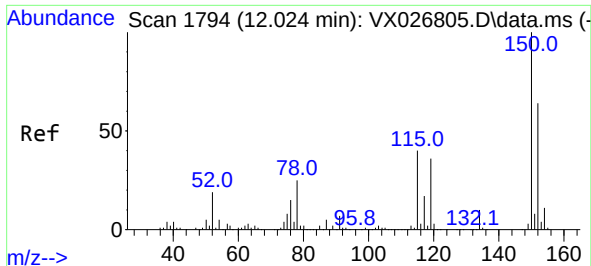
Tgt Ion: 95 Resp: 79501
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 71.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 117 Resp: 167996
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.1 26.2 39.2

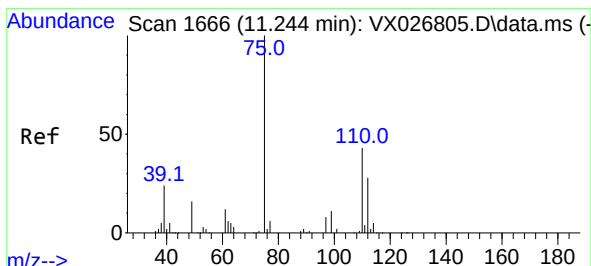
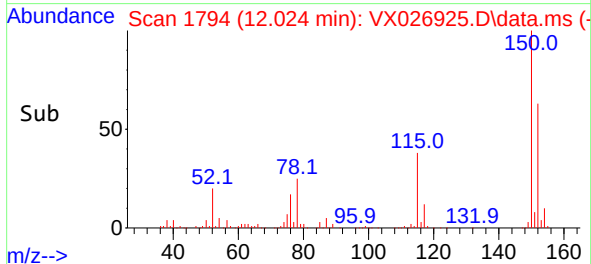
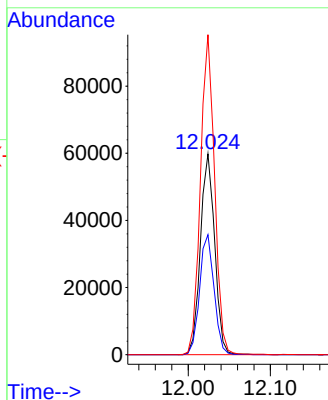
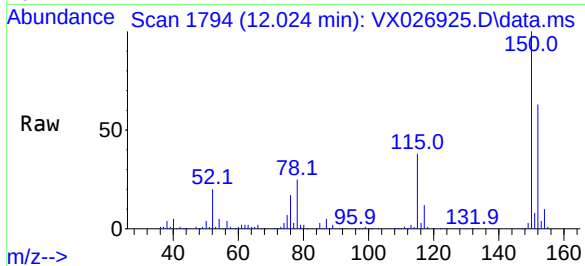




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

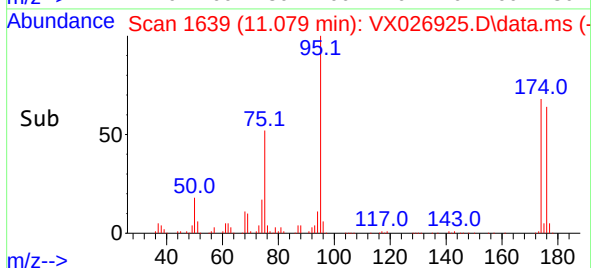
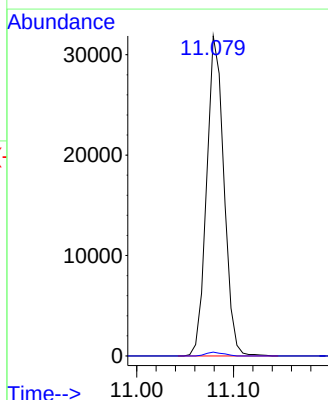
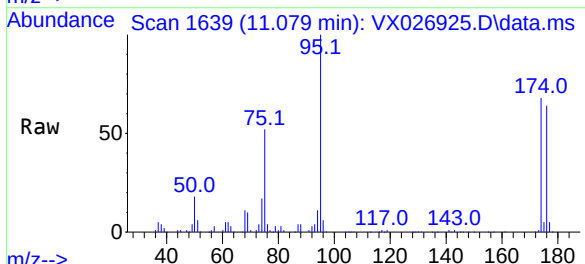
Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

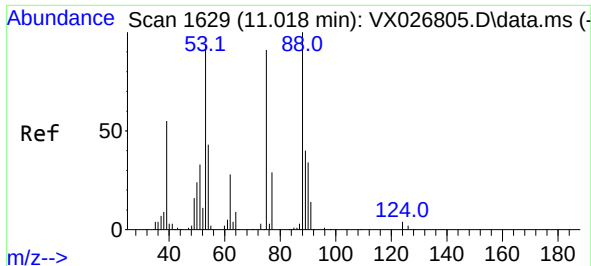
Tgt Ion:152 Resp: 72177
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 157.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Tgt Ion: 75 Resp: 39635
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.505 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026925.D
Acq: 10 Feb 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-136BDL

Tgt Ion: 75 Resp: 39635
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

