

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026926.D
 Acq On : 10 Feb 2022 17:31
 Operator : JC/MD
 Sample : N1446-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136CDL

Quant Time: Feb 11 04:01:24 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)

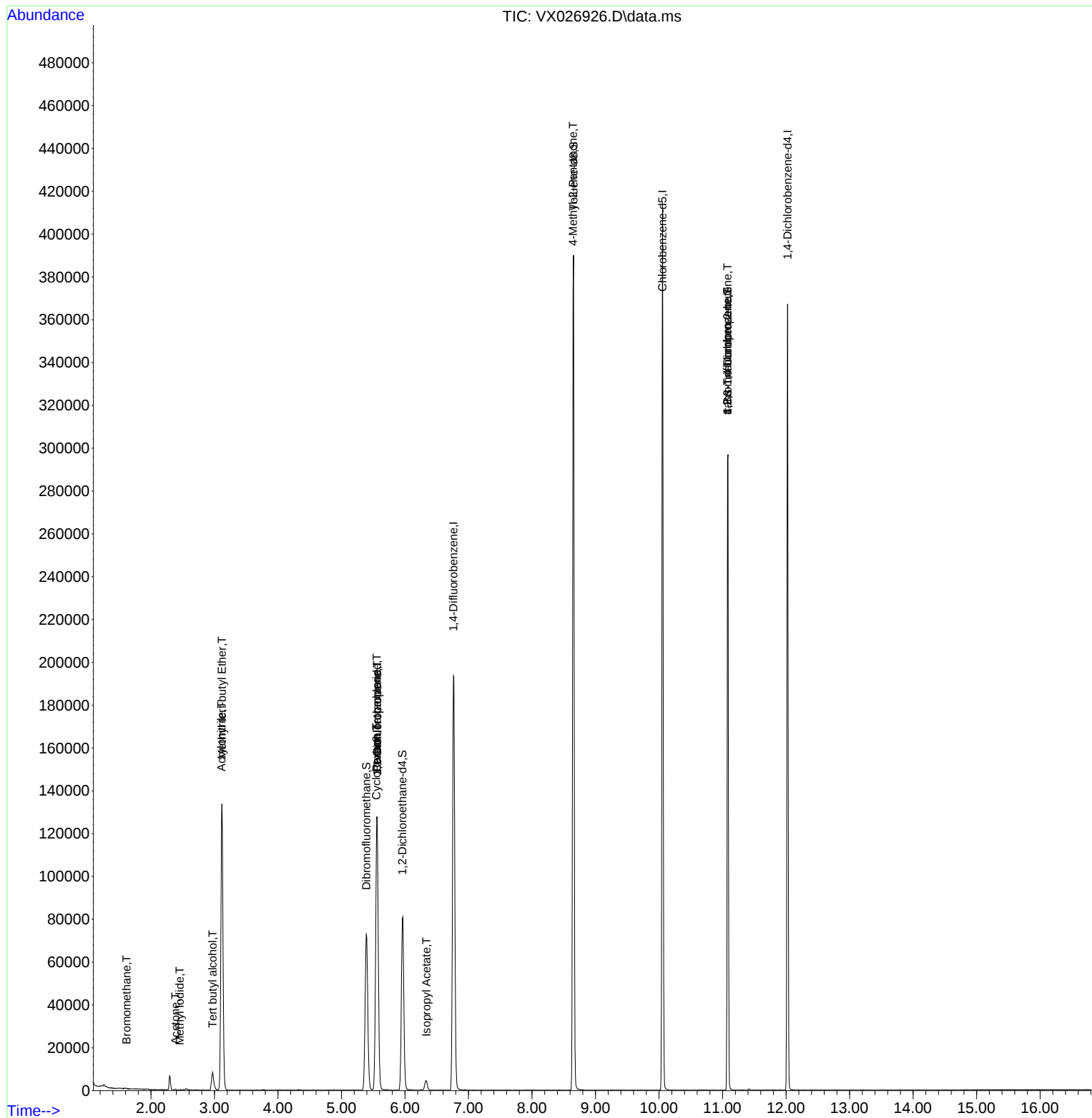
Internal Standards						
1) Pentafluorobenzene	5.556	168	121210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79220	54.447	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.900%	
35) Dibromofluoromethane	5.391	113	64175	52.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.740%	
50) Toluene-d8	8.653	98	238040	53.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	11.079	95	82422	52.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	136	0.250	ug/l #	77
10) Methyl Iodide	2.453	142	170	2.348	ug/l #	37
11) Tert butyl alcohol	2.971	59	10730	40.822	ug/l	96
15) Acrylonitrile	3.111	53	1641	2.179	ug/l #	30
16) Acetone	2.386	43	389	0.609	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	145942	33.238	ug/l	100
31) Cyclohexane	5.550	56	2455	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9498	4.960	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12673	6.311	ug/l #	16
43) Isopropyl Acetate	6.336	43	1668	0.498	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	991	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41592	25.647	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41592	78.142	ug/l #	3

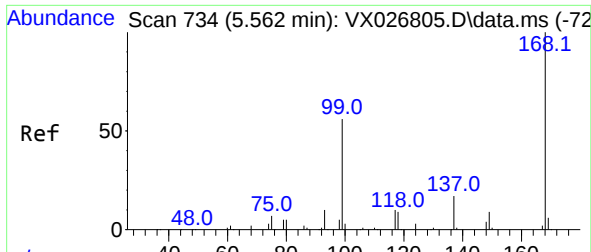
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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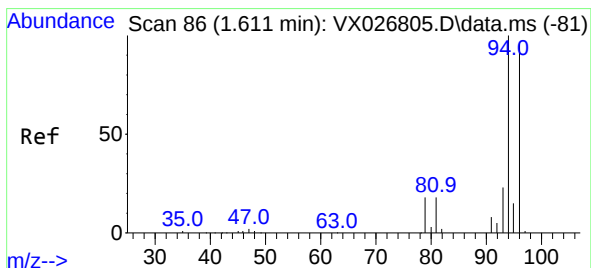
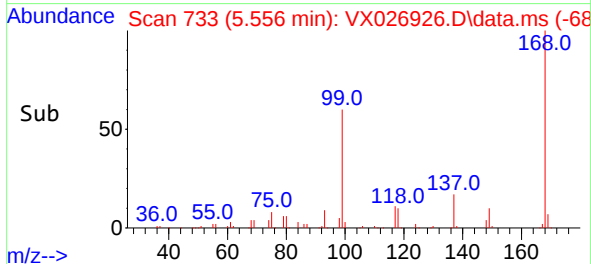
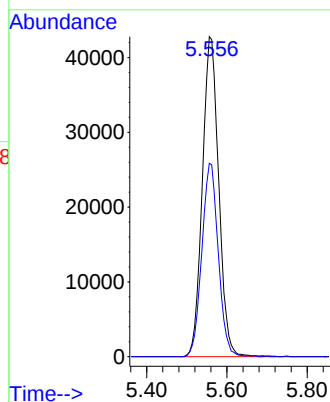
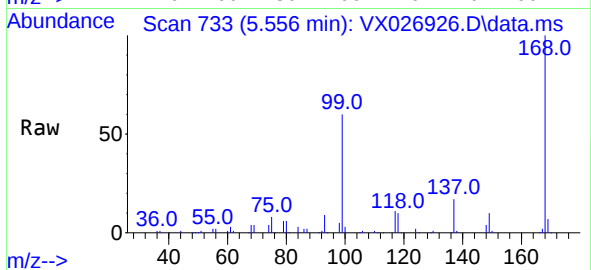




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

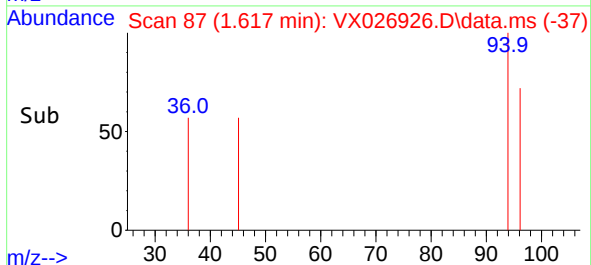
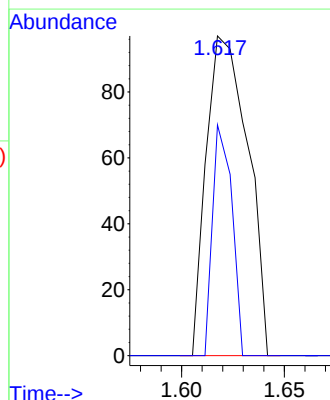
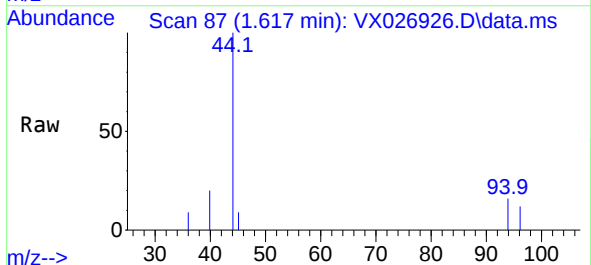
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

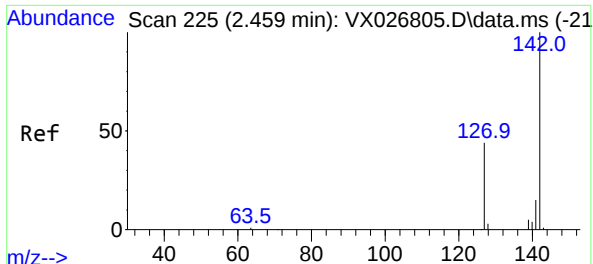
Tgt Ion:168 Resp: 121210
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#5
Bromomethane
Concen: 0.250 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 72.2 75.9 113.9#

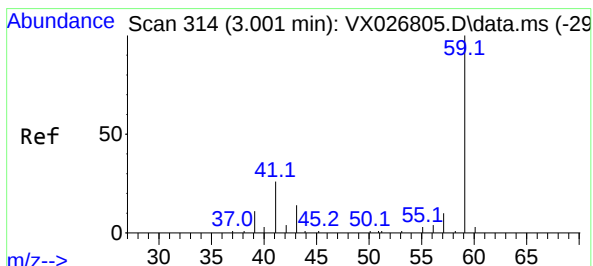
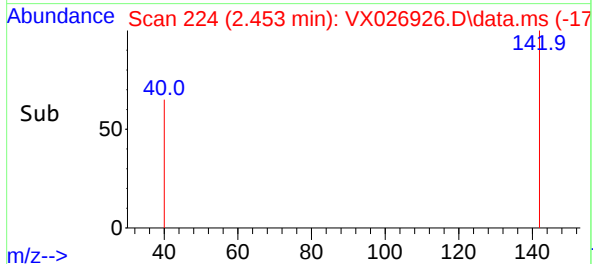
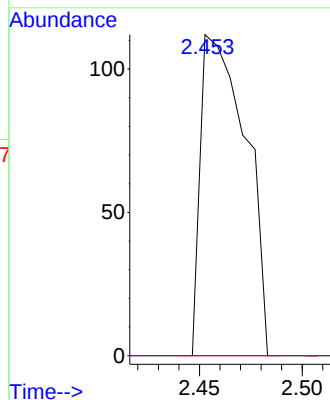
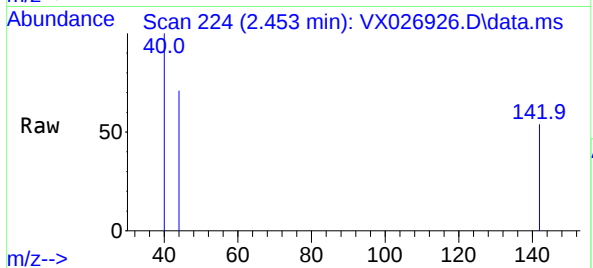




#10
Methyl Iodide
Concen: 2.348 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

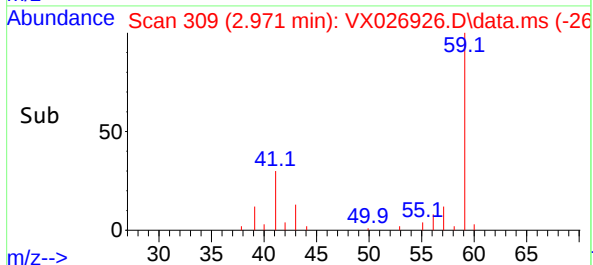
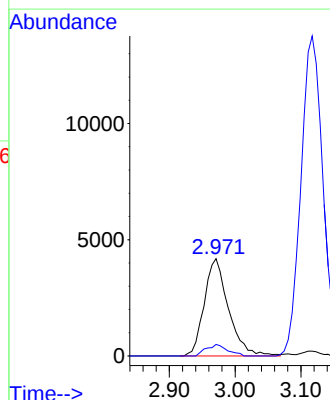
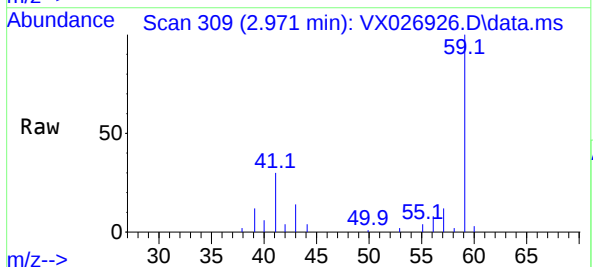
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

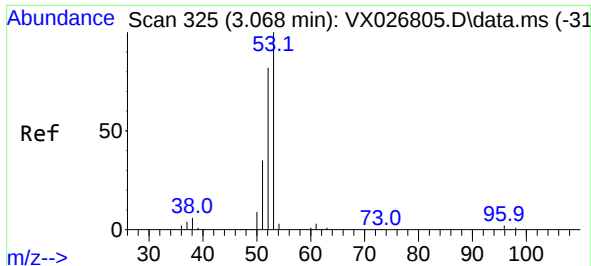
Tgt Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 40.822 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 59 Resp: 10730
Ion Ratio Lower Upper
59 100
57 10.4 7.2 10.8

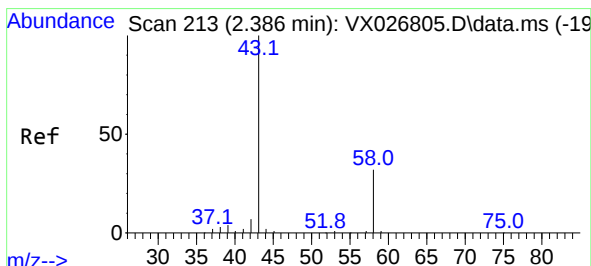
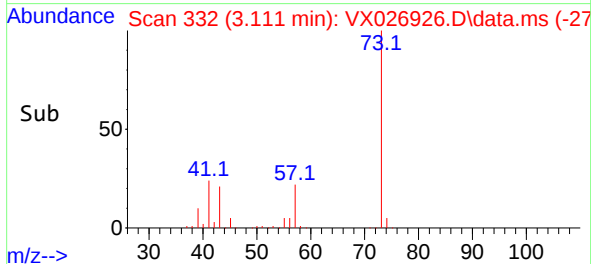
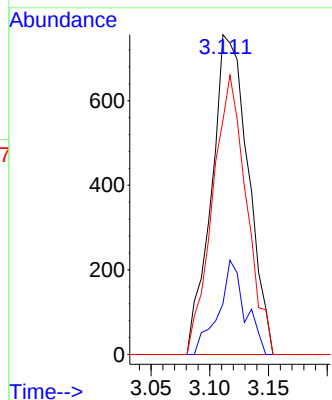
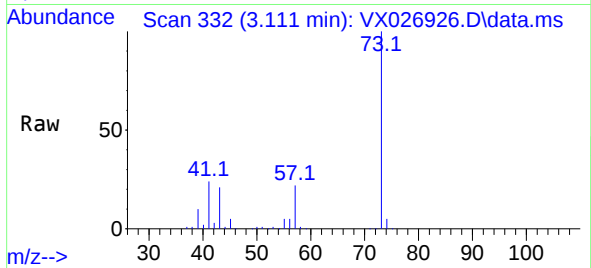




#15
Acrylonitrile
Concen: 2.179 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

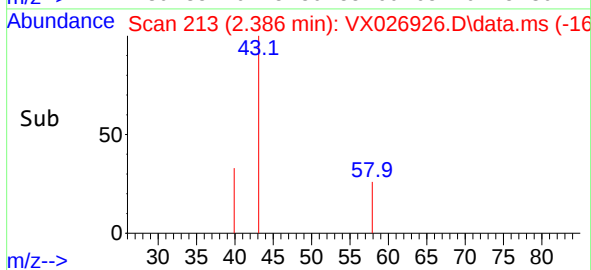
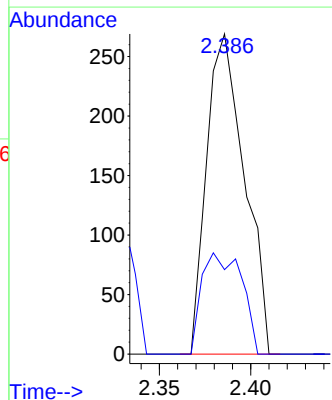
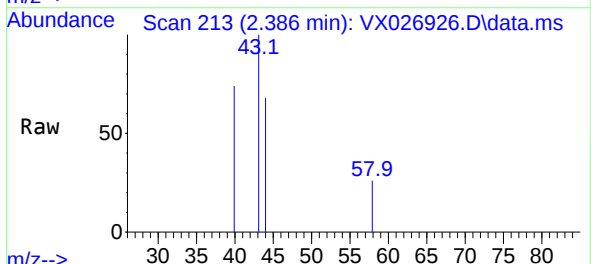
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

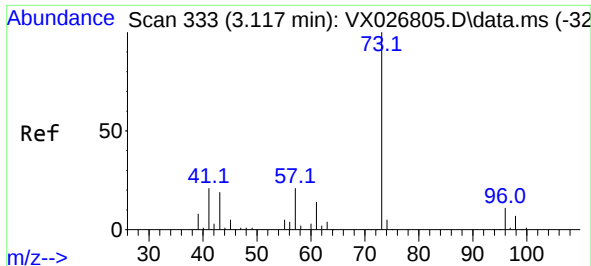
Tgt Ion: 53 Resp: 1641
Ion Ratio Lower Upper
53 100
52 21.5 66.6 100.0#
51 80.8 29.5 44.3#



#16
Acetone
Concen: 0.609 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 26.4 23.0 34.6

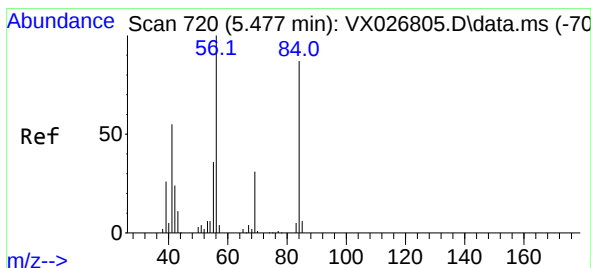
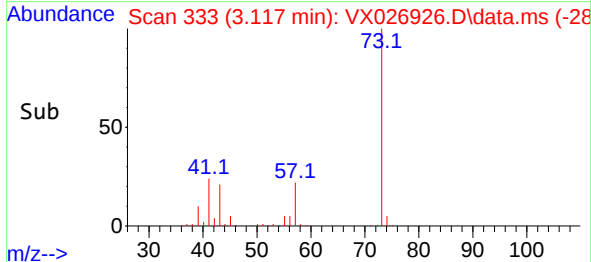
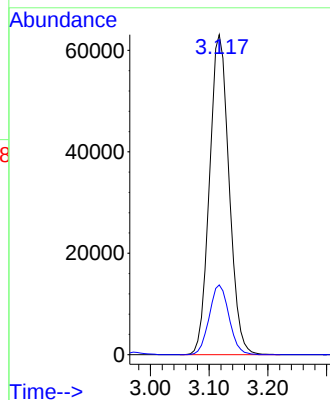
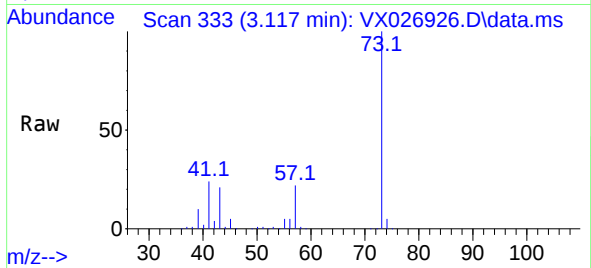




#19
Methyl tert-butyl Ether
Concen: 33.238 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

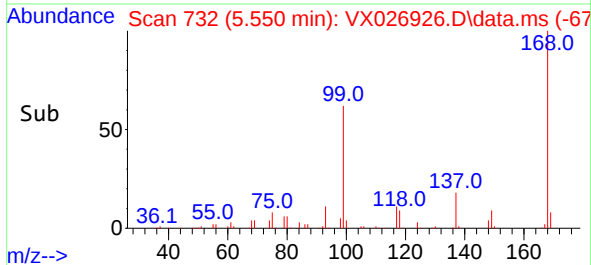
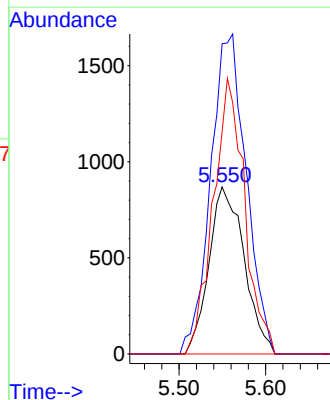
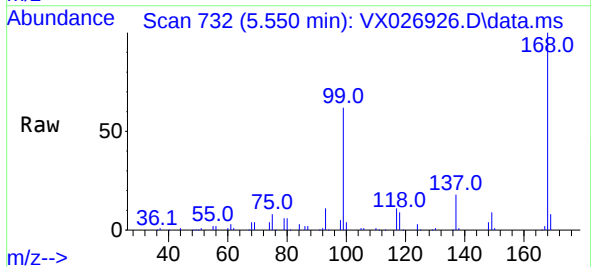
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

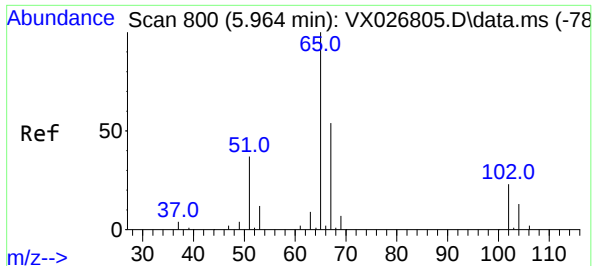
Tgt Ion: 73 Resp: 145942
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 56 Resp: 2455
Ion Ratio Lower Upper
56 100
69 185.7 25.8 38.6#
84 133.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.447 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026926.D

Acq: 10 Feb 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

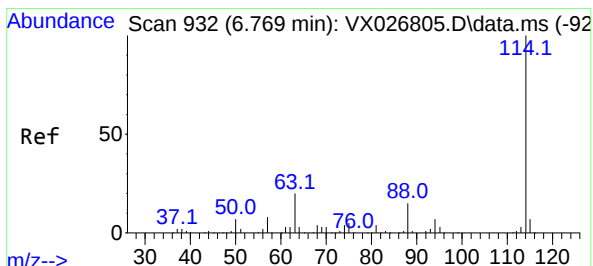
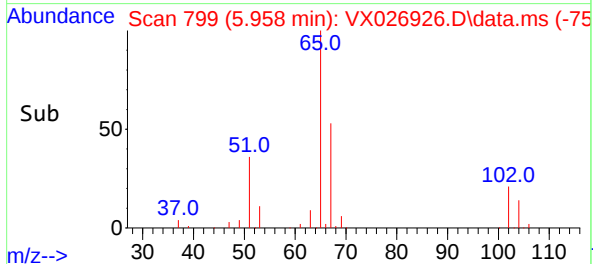
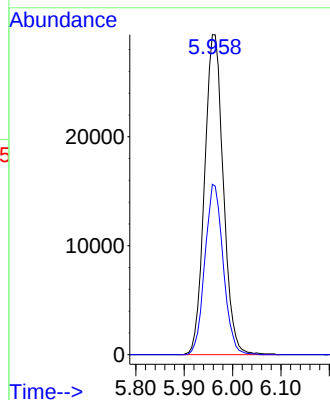
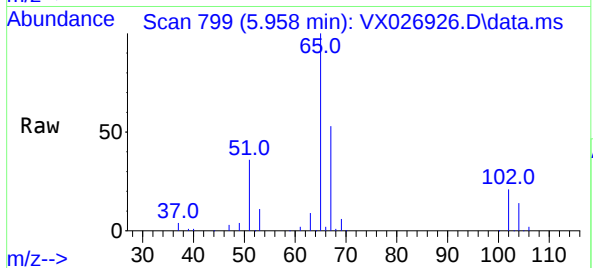
MW-136CDL

Tgt Ion: 65 Resp: 79220

Ion Ratio Lower Upper

65 100

67 52.0 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: VX026926.D

Acq: 10 Feb 2022 17:31

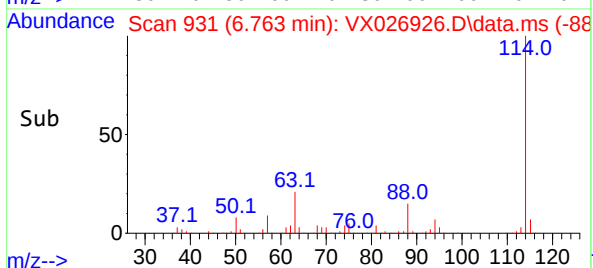
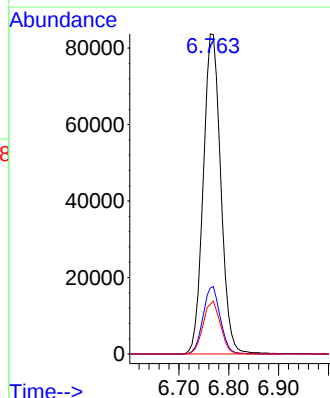
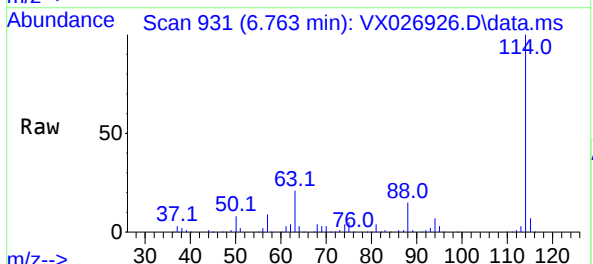
Tgt Ion: 114 Resp: 203749

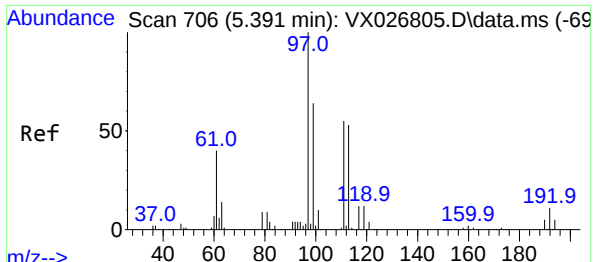
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.5 0.0 33.0

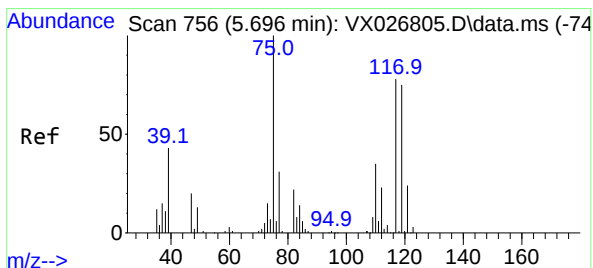
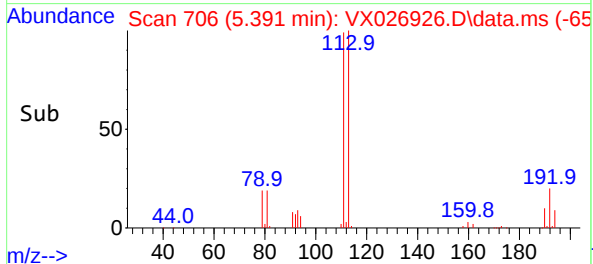
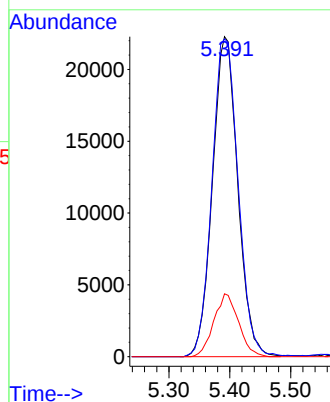
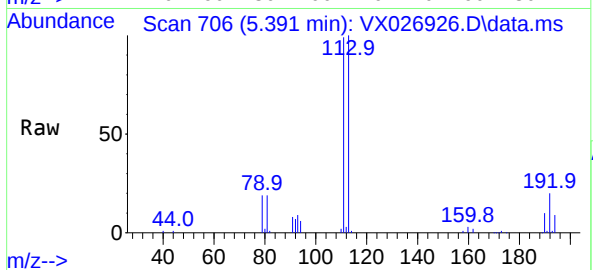




#35
Dibromofluoromethane
Concen: 52.867 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

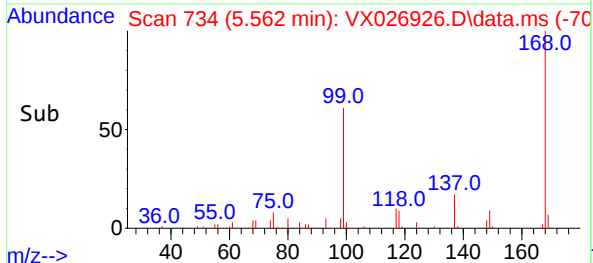
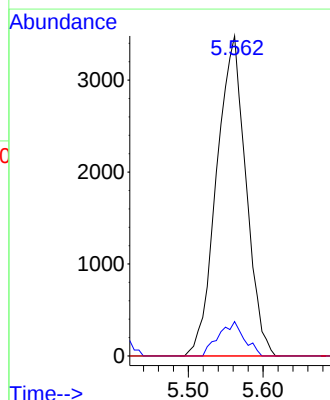
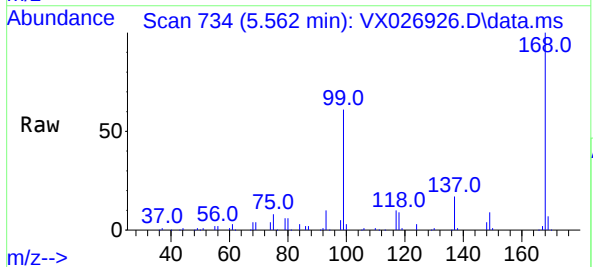
Instrument :
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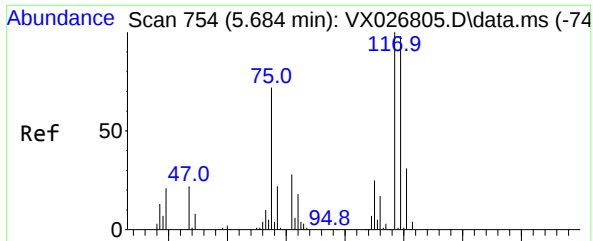
Tgt Ion:113 Resp: 64175
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

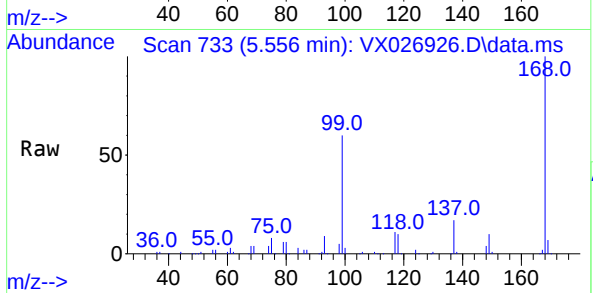
Tgt Ion: 75 Resp: 9498
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



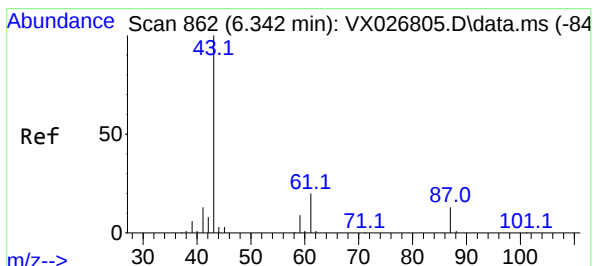
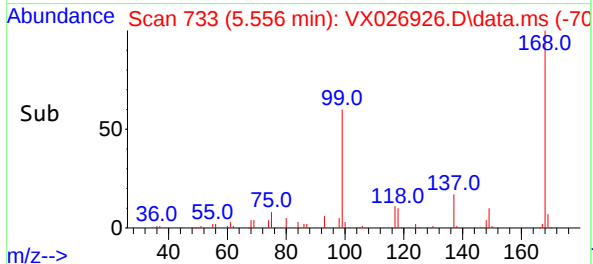
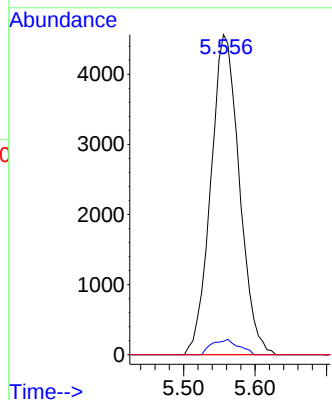


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

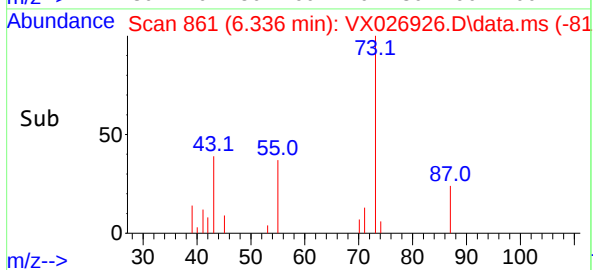
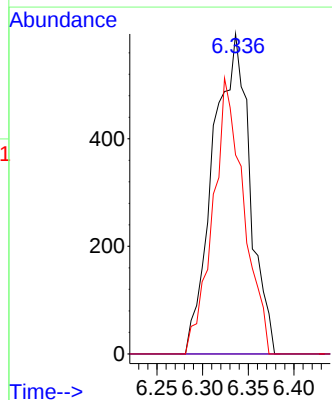
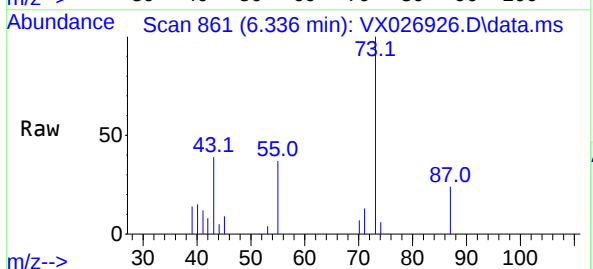


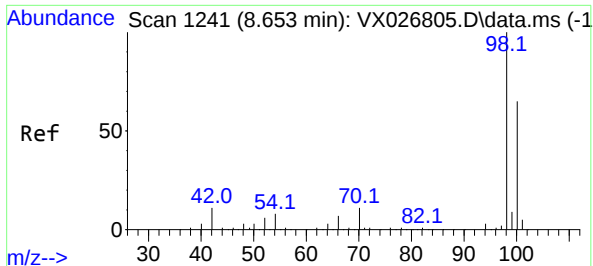
Tgt Ion:117 Resp: 12673
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.498 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 72.1 10.2 15.2#

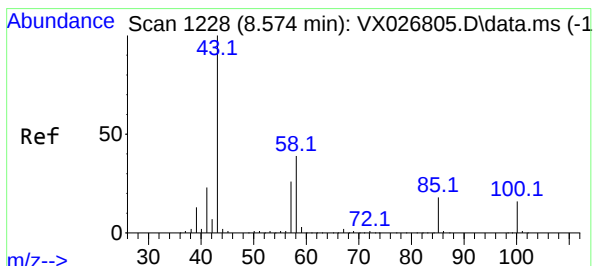
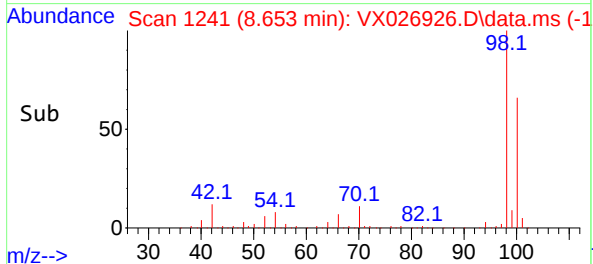
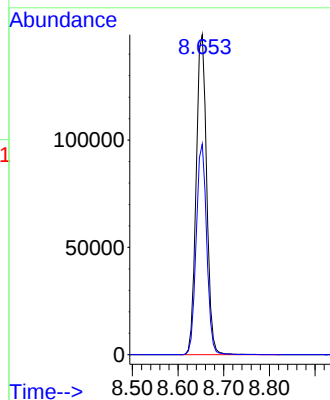
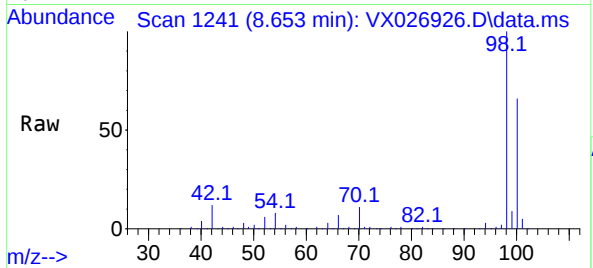




#50
Toluene-d8
Concen: 53.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

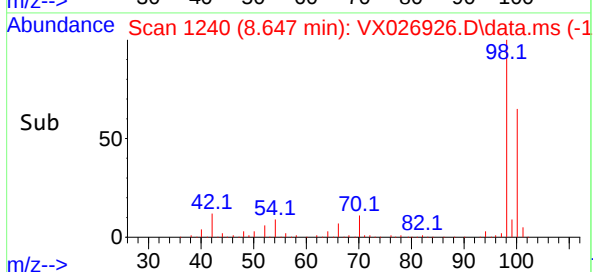
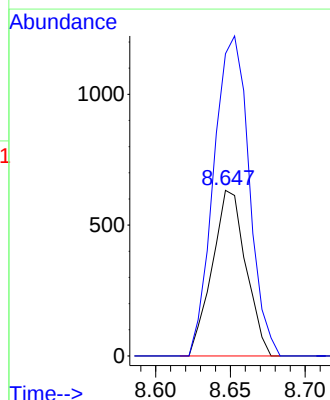
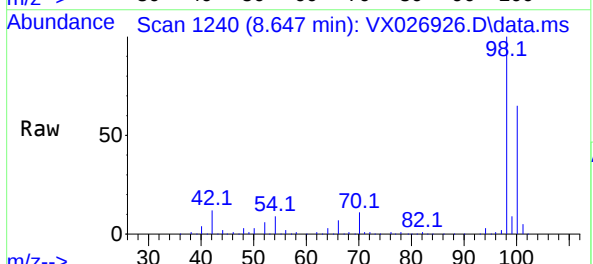
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

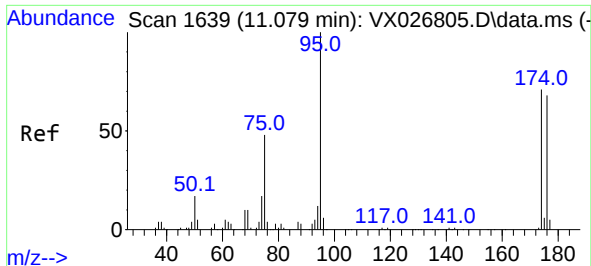
Tgt Ion: 98 Resp: 238040
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 202.9 30.5 45.7#

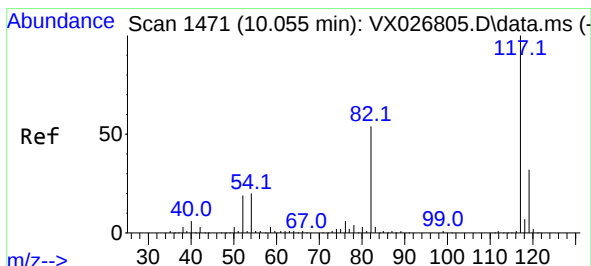
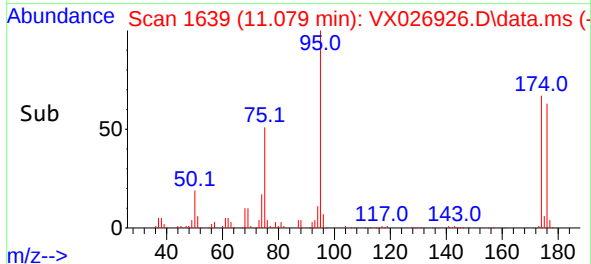
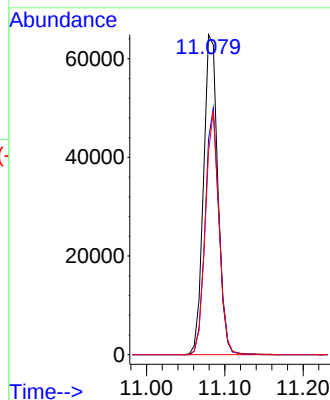
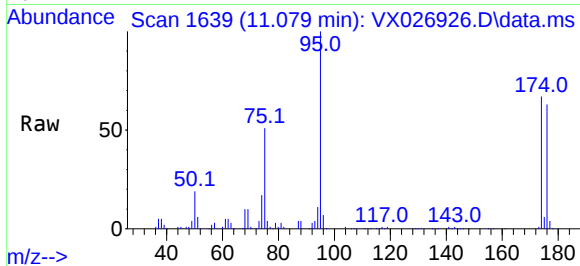




#62
4-Bromofluorobenzene
Concen: 52.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

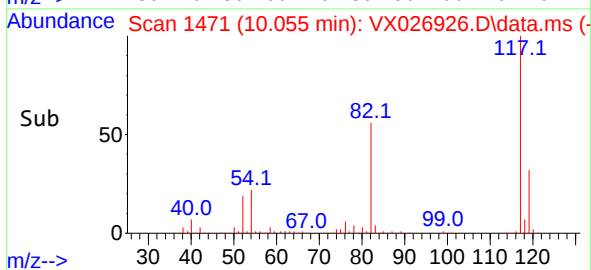
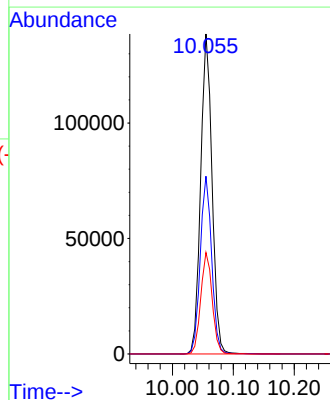
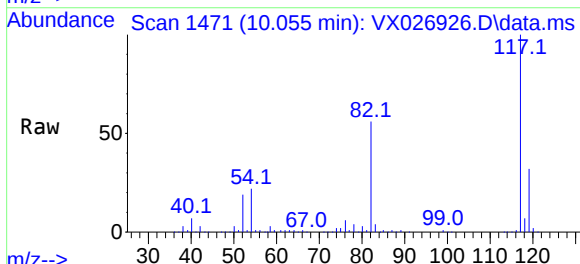
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

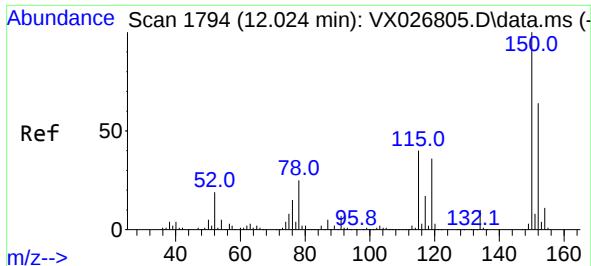
Tgt Ion: 95 Resp: 82422
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.6
176 72.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 117 Resp: 180056
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.7 26.2 39.2

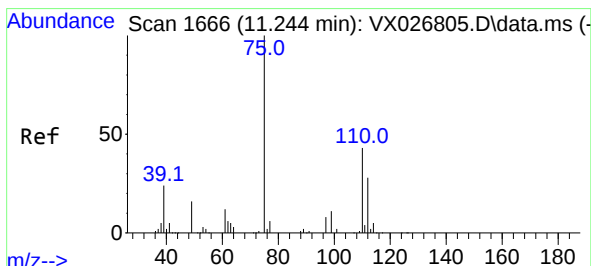
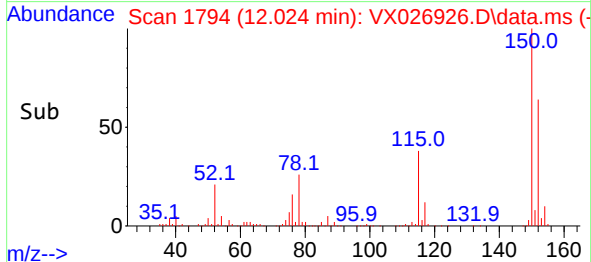
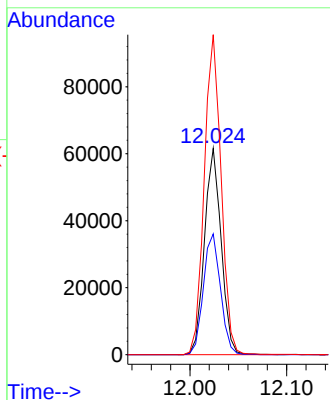
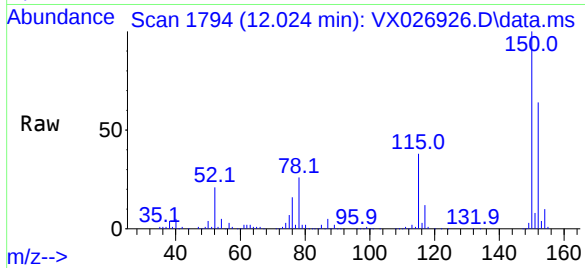




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

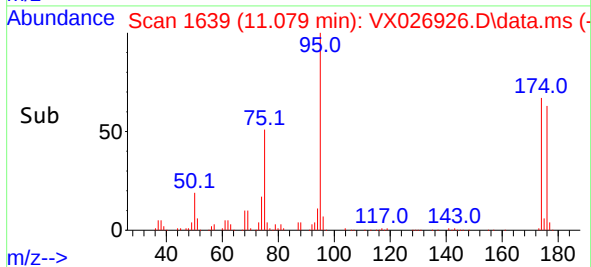
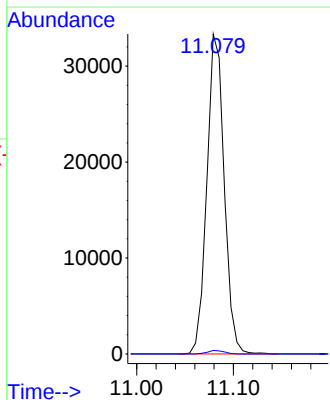
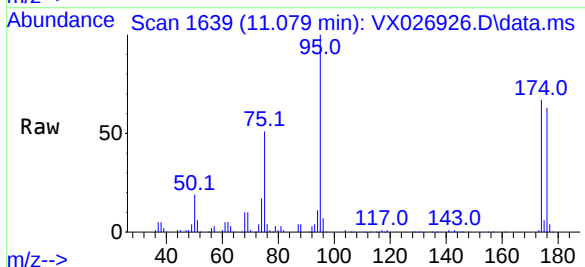
Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

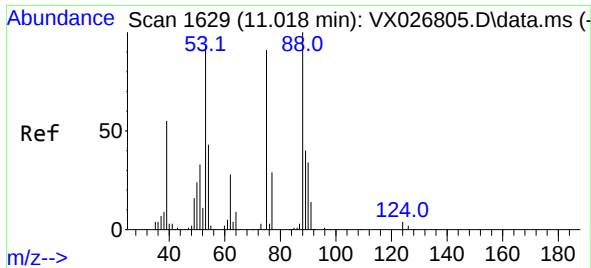
Tgt Ion:152 Resp: 74082
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Tgt Ion: 75 Resp: 41592
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.142 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026926.D
Acq: 10 Feb 2022 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-136CDL

Tgt Ion: 75 Resp: 41592
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

