

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031941.D
 Acq On : 07 Oct 2022 00:20
 Operator : JC/MD
 Sample : N4883-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-137

Quant Time: Oct 07 08:10:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

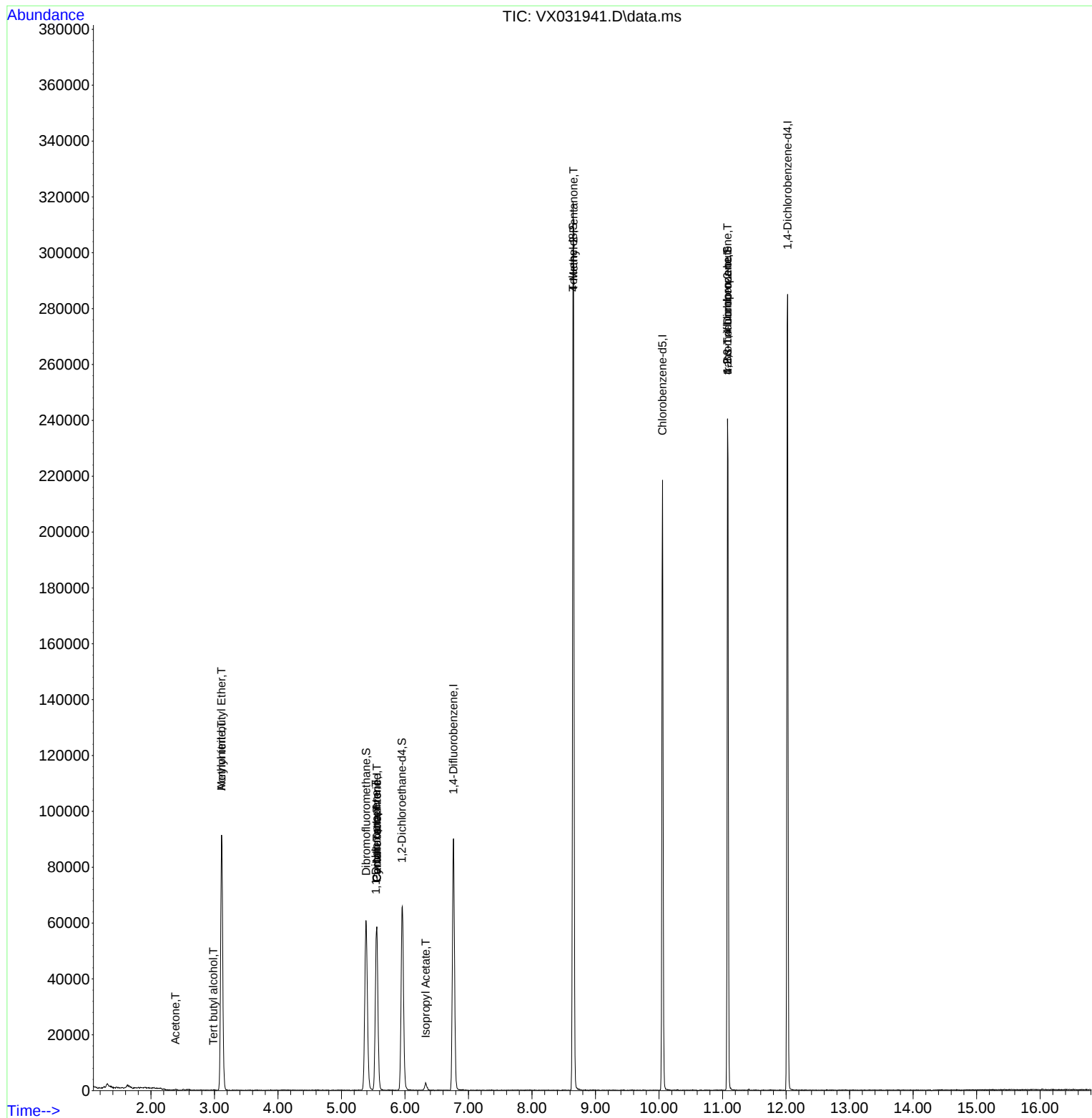
Internal Standards						
1) Pentafluorobenzene	5.556	168	55780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63304	54.953	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	= 109.900%		
35) Dibromofluoromethane	5.385	113	52441	49.545	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 99.080%		
50) Toluene-d8	8.647	98	188329	49.447	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	11.079	95	64108	47.612	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 95.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	289	Below Cal	#	62
11) Tert butyl alcohol	2.983	59	196	1.368	ug/l #	73
15) Acrylonitrile	3.111	53	1256	2.749	ug/l #	20
16) Acetone	2.386	43	441	1.126	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	99812	35.008	ug/l	98
31) Cyclohexane	5.556	56	1221	0.887	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	4201	2.993	ug/l #	50
38) Carbon Tetrachloride	5.556	117	5709	3.978	ug/l #	18
43) Isopropyl Acetate	6.324	43	755	0.377	ug/l #	1
51) 4-Methyl-2-Pentanone	8.653	43	858	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32821	26.644	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32821	91.345	ug/l #	11

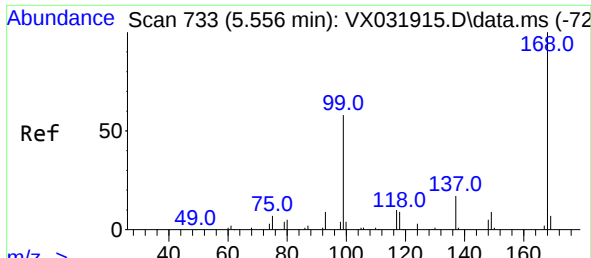
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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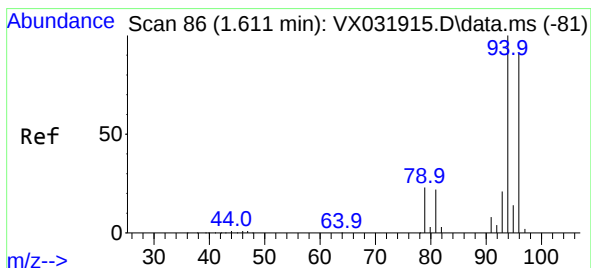
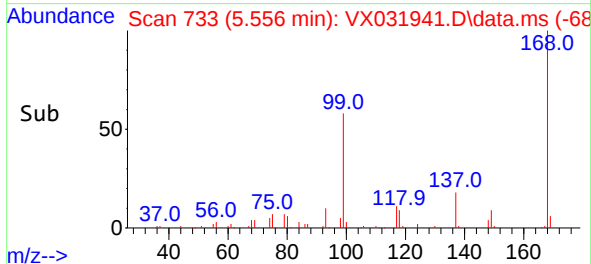
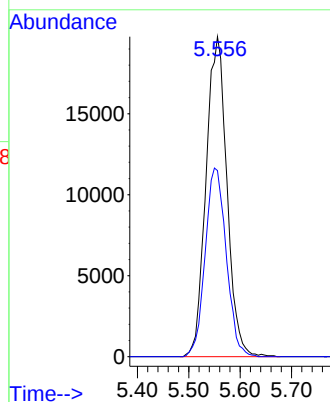
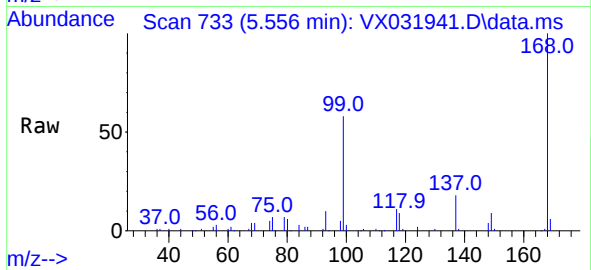




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

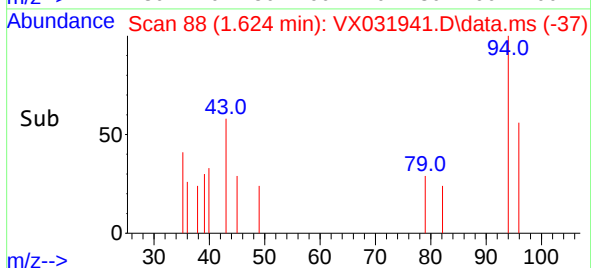
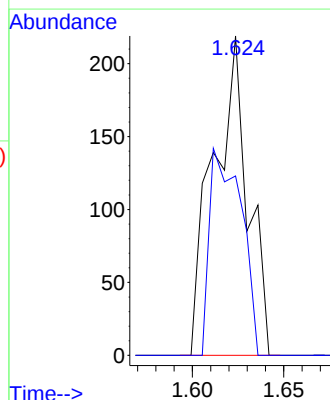
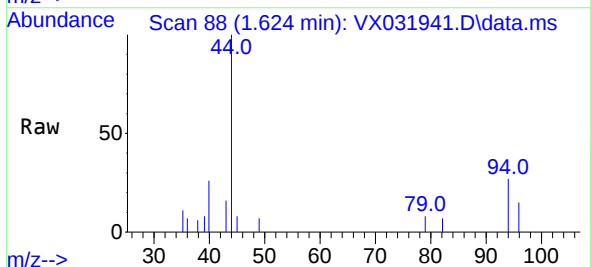
Instrument :
MSVOA_X
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MW-137

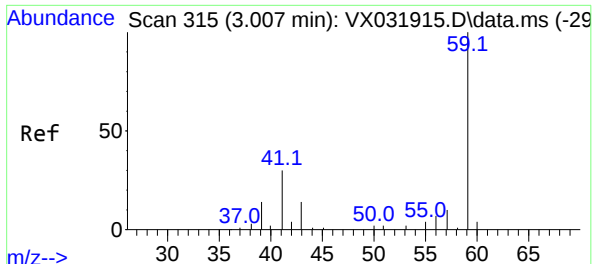
Tgt Ion:168 Resp: 55780
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 56.2 74.4 111.6#

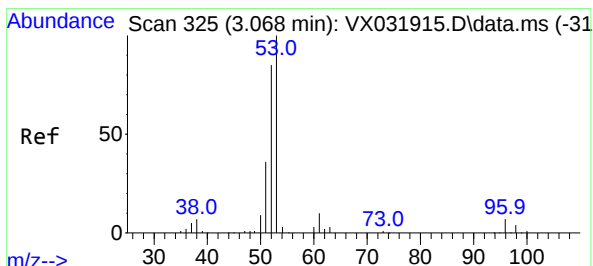
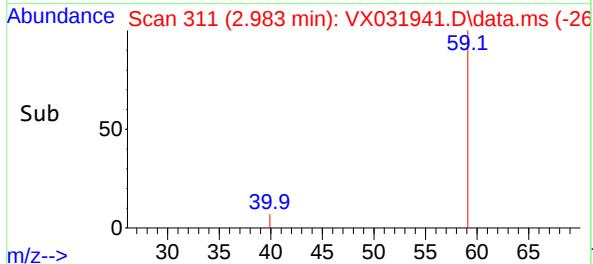
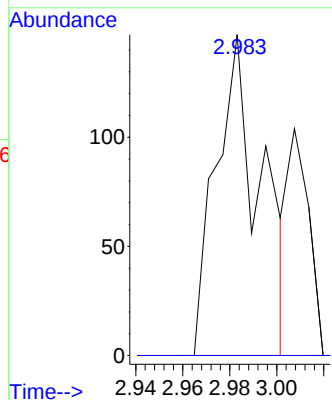
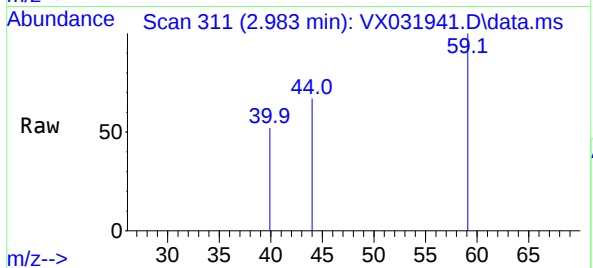




#11
Tert butyl alcohol
Concen: 1.368 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

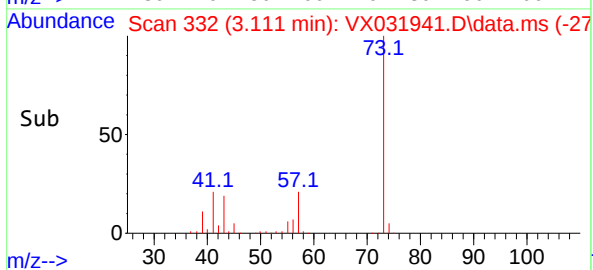
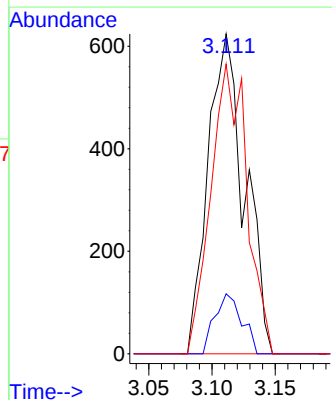
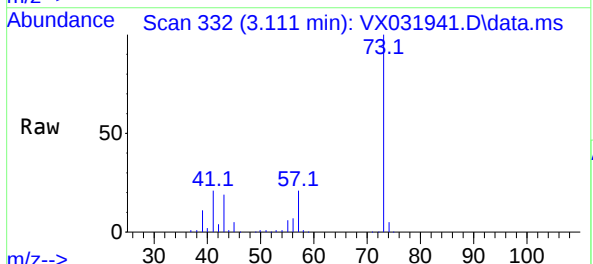
Instrument :
MSVOA_X
ClientSampleId :
MW-137

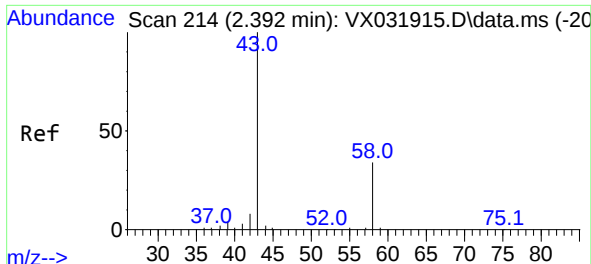
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#15
Acrylonitrile
Concen: 2.749 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.043 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 53 Resp: 1256
Ion Ratio Lower Upper
53 100
52 13.9 66.9 100.3#
51 89.0 30.0 45.0#

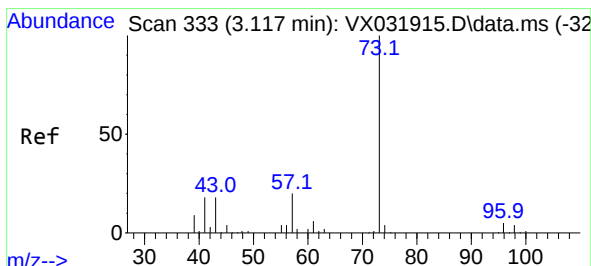
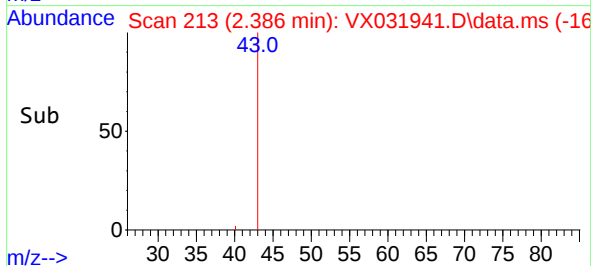
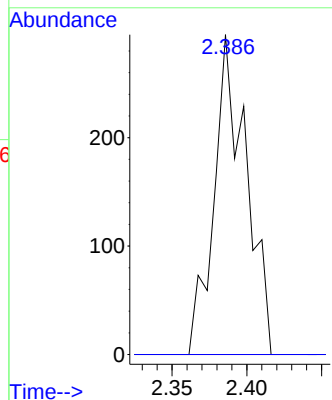
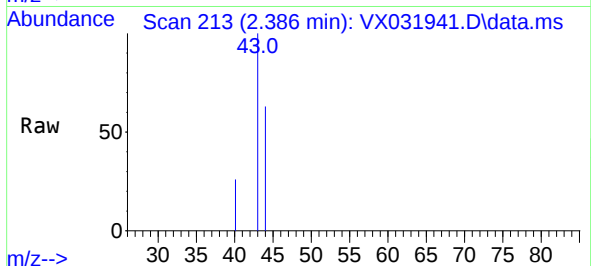




#16
Acetone
Concen: 1.126 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

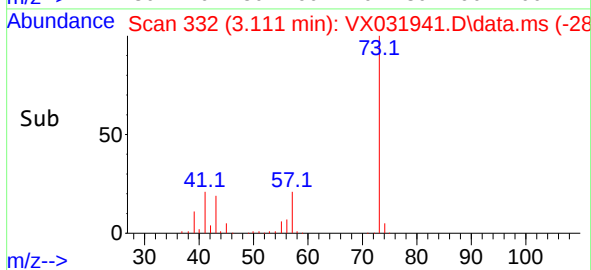
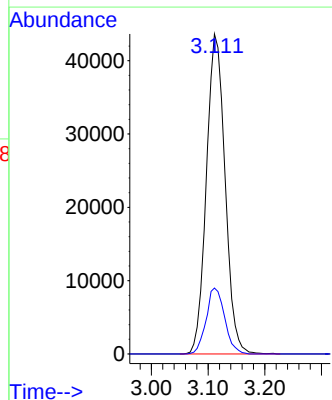
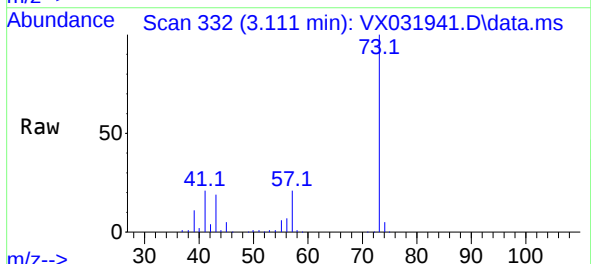
Instrument :
MSVOA_X
ClientSampleId :
MW-137

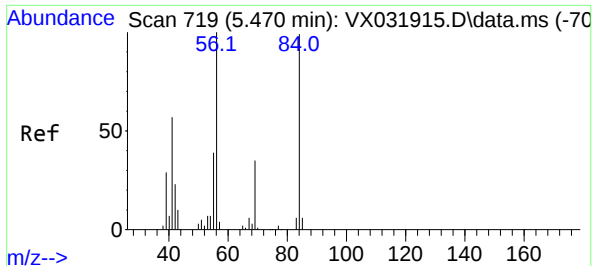
Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 35.008 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 73 Resp: 99812
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8

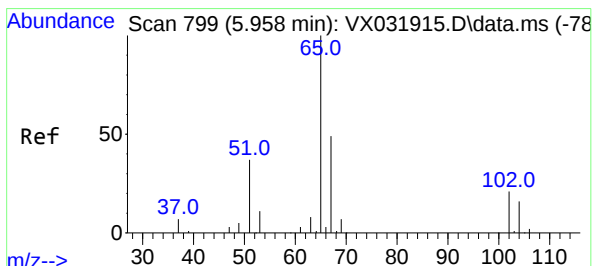
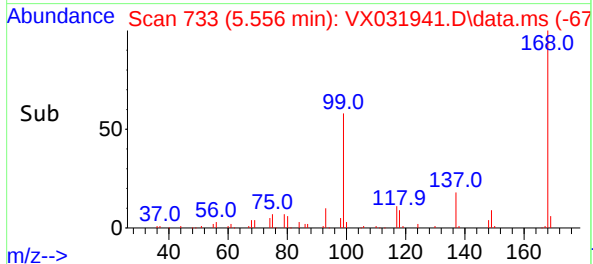
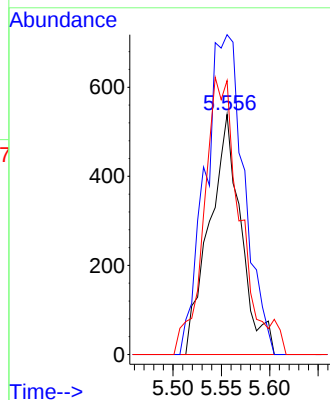
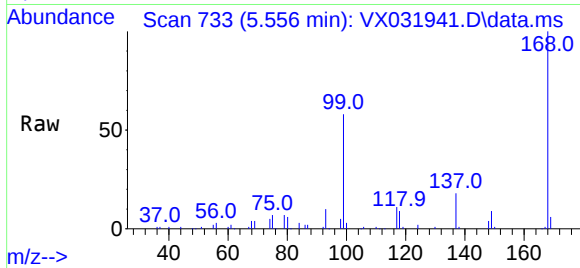




#31
Cyclohexane
Concen: 0.887 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

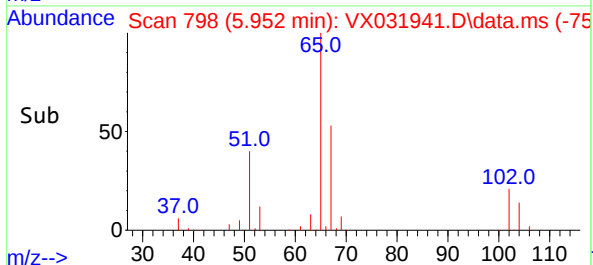
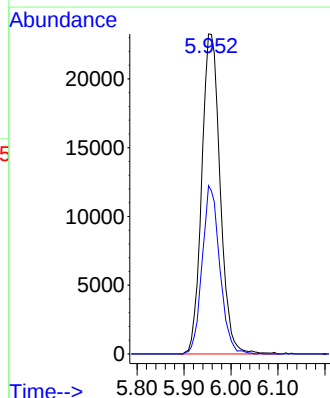
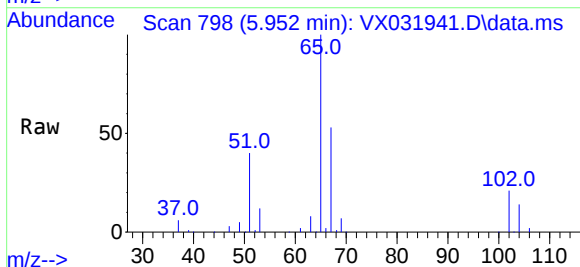
Instrument :
MSVOA_X
ClientSampleId :
MW-137

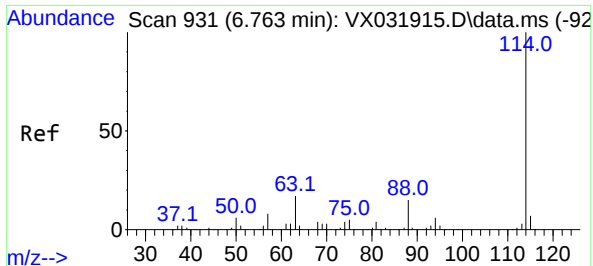
Tgt Ion: 56 Resp: 1221
Ion Ratio Lower Upper
56 100
69 133.2 25.1 37.7#
84 103.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.953 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 65 Resp: 63304
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4

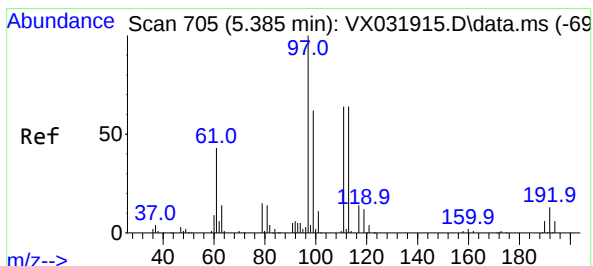
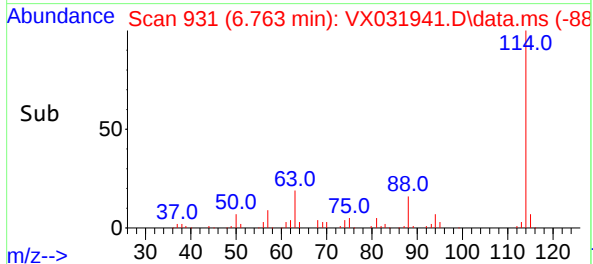
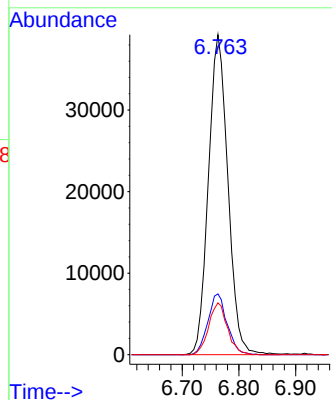
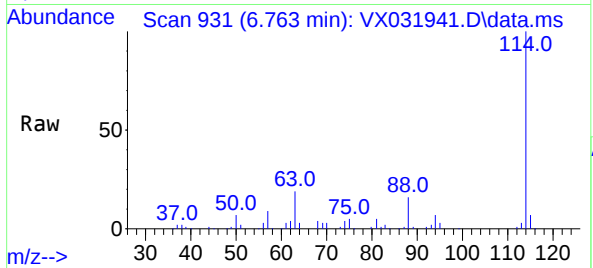




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

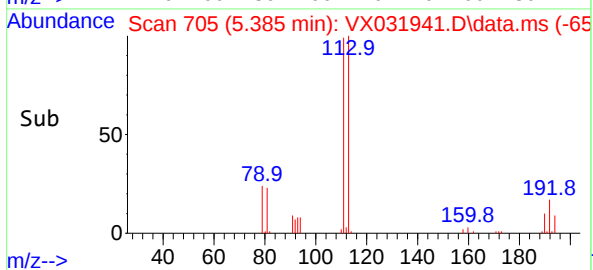
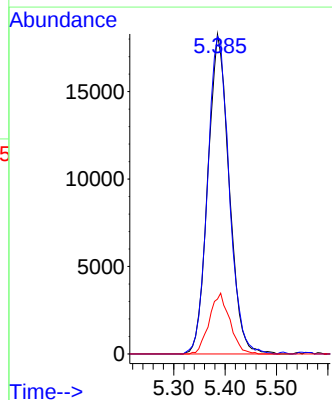
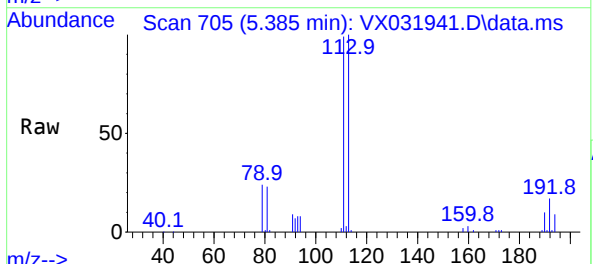
Instrument :
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ClientSampleId :
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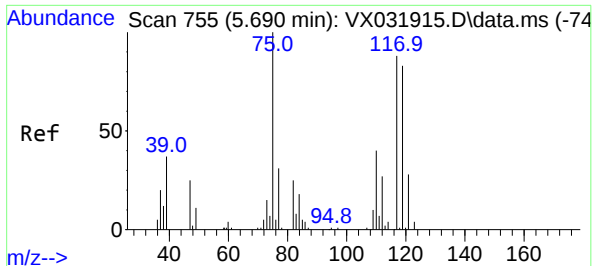
Tgt Ion:114 Resp: 93508
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.545 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion:113 Resp: 52441
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.4 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.993 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031941.D

Acq: 07 Oct 2022 00:20

Instrument :

MSVOA_X

ClientSampleId :

MW-137

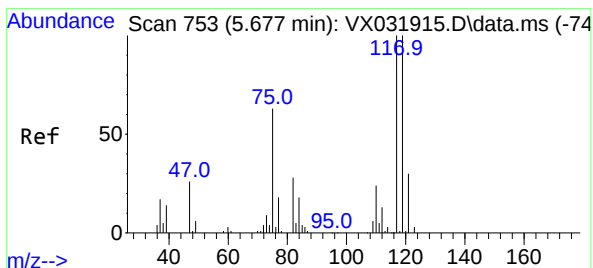
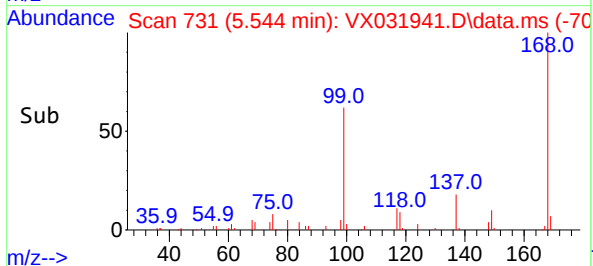
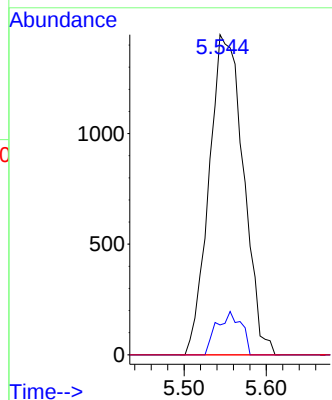
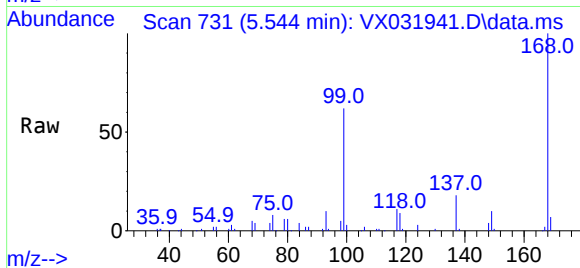
Tgt Ion: 75 Resp: 4201

Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.978 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX031941.D

Acq: 07 Oct 2022 00:20

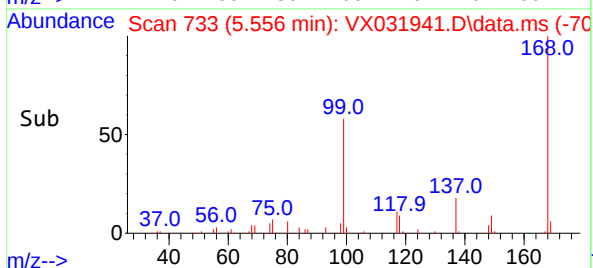
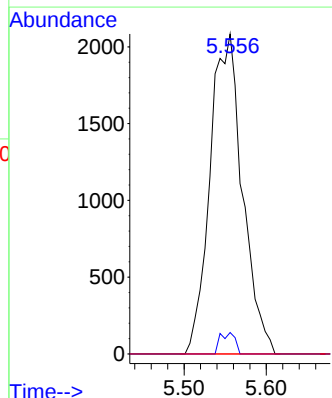
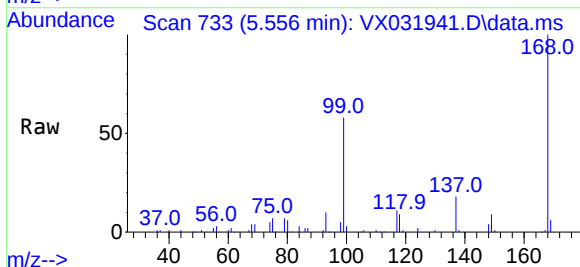
Tgt Ion: 117 Resp: 5709

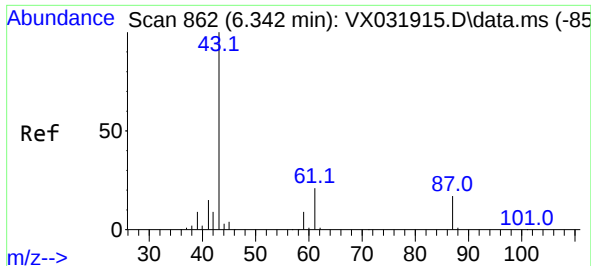
Ion Ratio Lower Upper

117 100

119 6.7 74.6 112.0#

121 0.0 25.3 37.9#

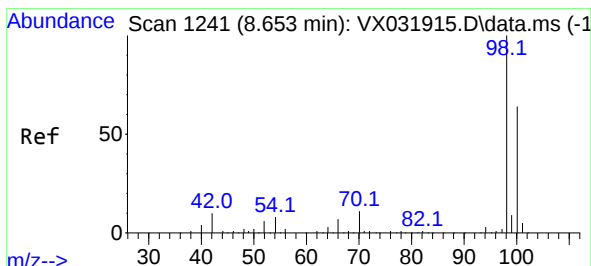
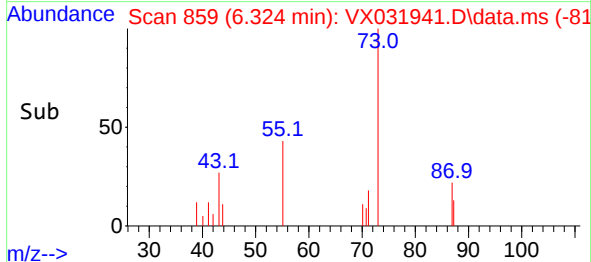
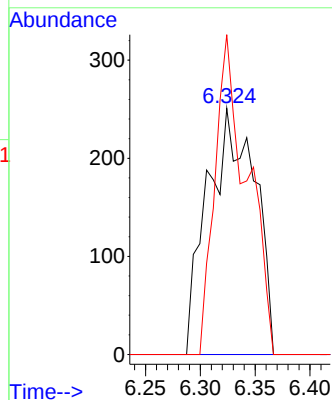
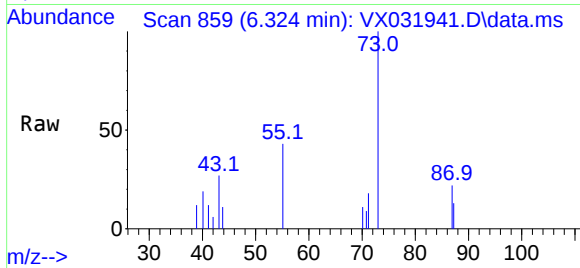




#43
Isopropyl Acetate
Concen: 0.377 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

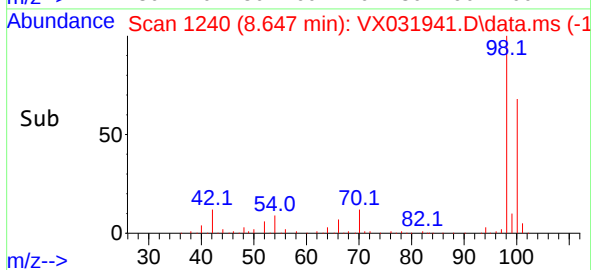
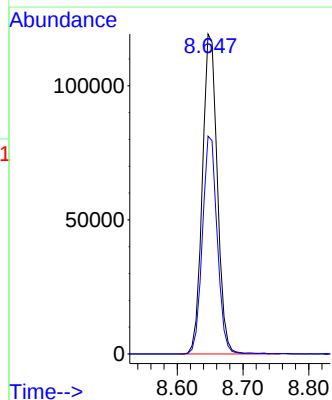
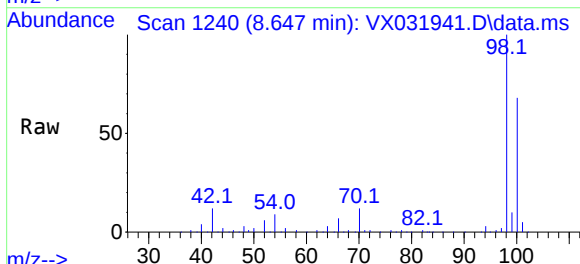
Instrument :
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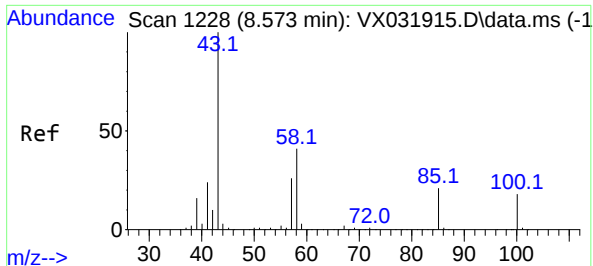
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 88.5 10.6 15.8#



#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 98 Resp: 188329
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7

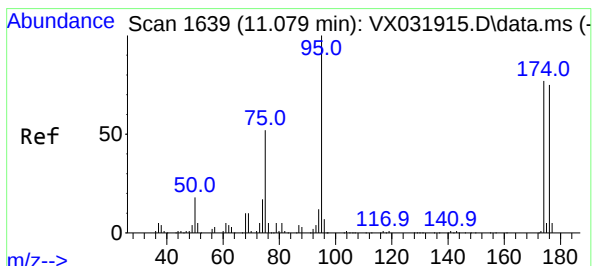
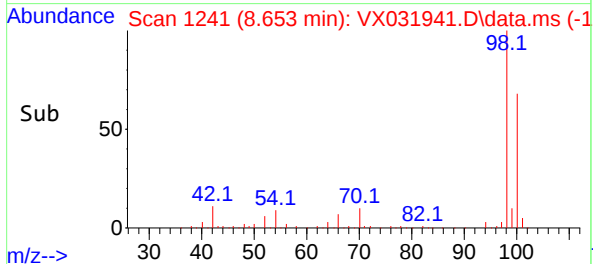
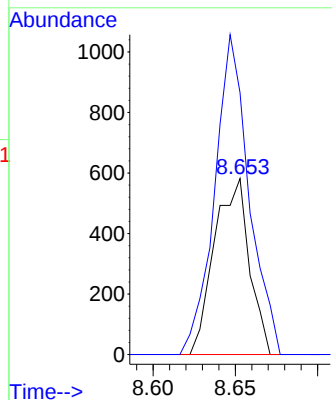
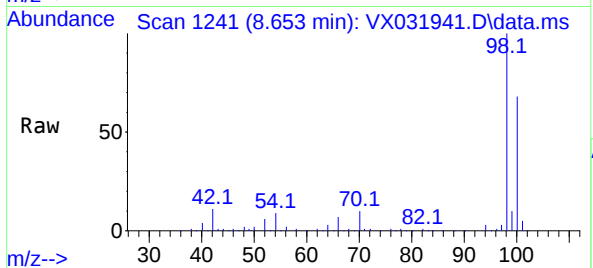




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

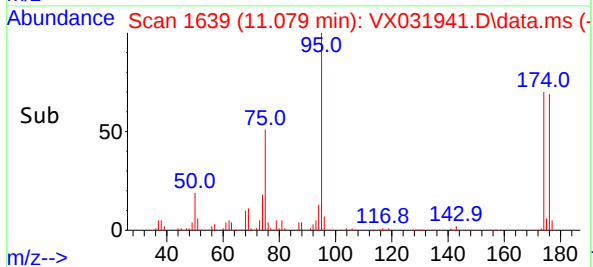
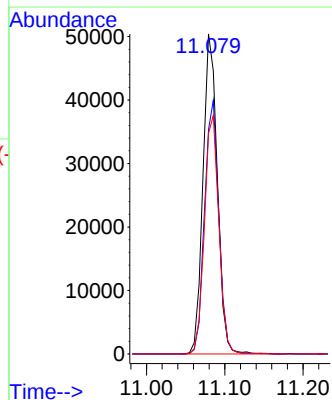
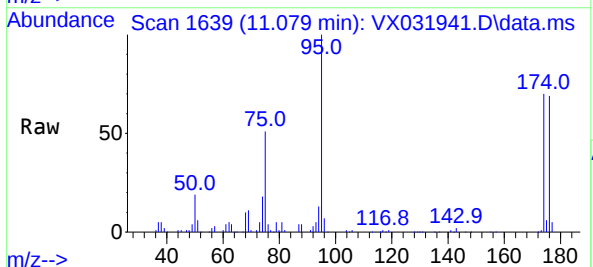
Instrument :
MSVOA_X
ClientSampleId :
MW-137

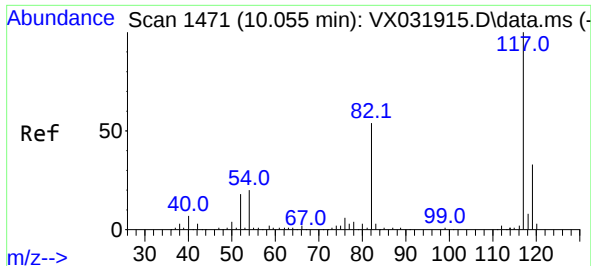
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 179.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 95 Resp: 64108
Ion Ratio Lower Upper
95 100
174 78.9 0.0 153.2
176 74.7 0.0 144.0

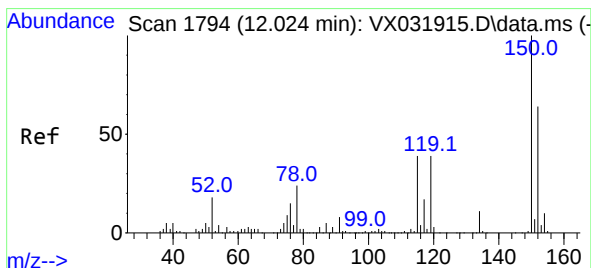
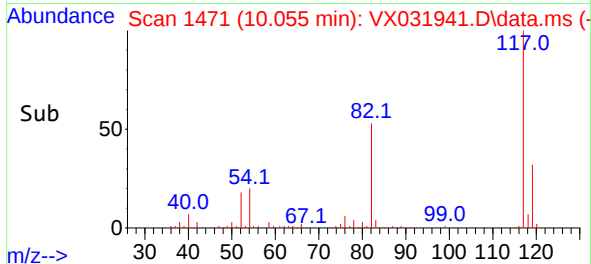
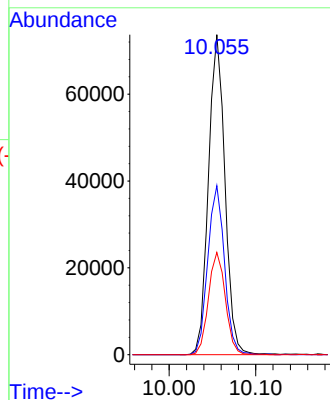
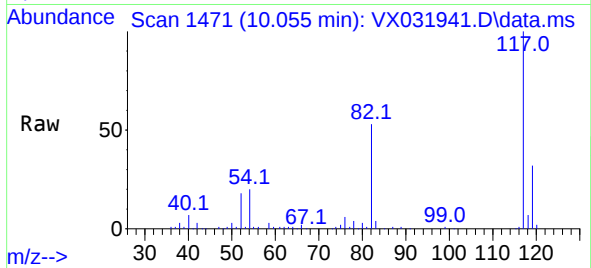




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

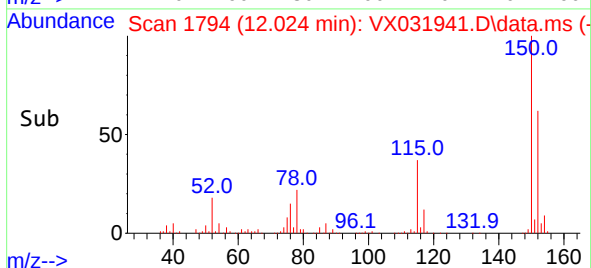
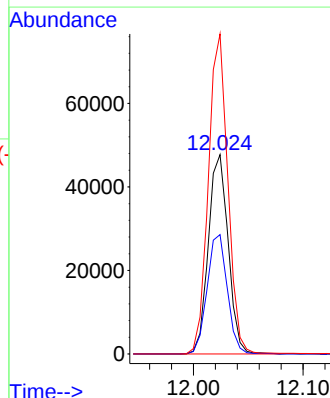
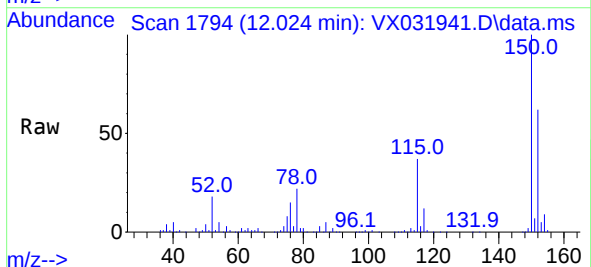
Instrument :
MSVOA_X
ClientSampleId :
MW-137

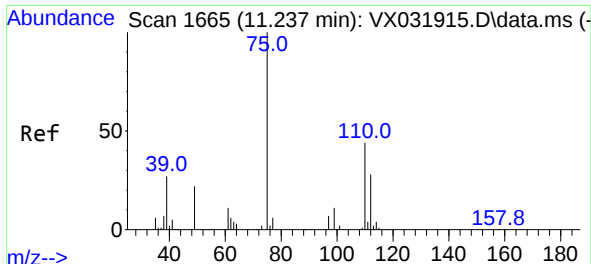
Tgt Ion:117 Resp: 97329
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion:152 Resp: 60104
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 157.8 0.0 346.8

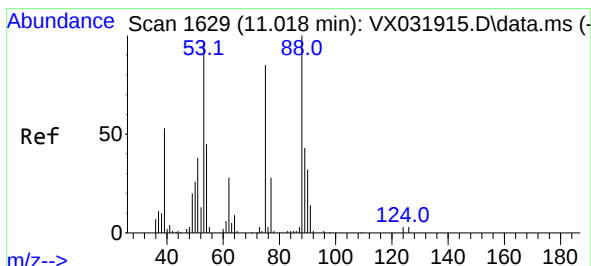
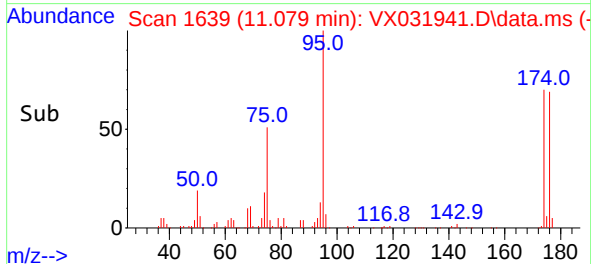
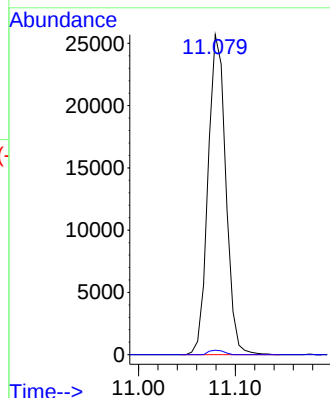
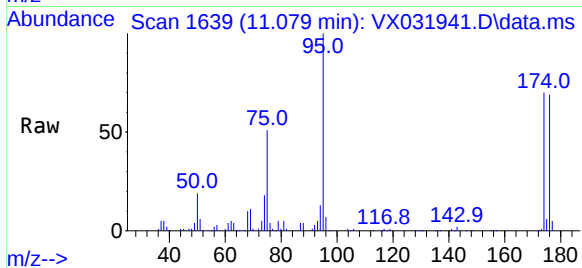




#76
1,2,3-Trichloropropane
Concen: 26.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Instrument :
MSVOA_X
ClientSampleId :
MW-137

Tgt Ion: 75 Resp: 32821
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031941.D
Acq: 07 Oct 2022 00:20

Tgt Ion: 75 Resp: 32821
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

