

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031939.D
 Acq On : 06 Oct 2022 23:34
 Operator : JC/MD
 Sample : N4883-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-135

Quant Time: Oct 07 08:09:53 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	51882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58538	54.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.260%
35) Dibromofluoromethane	5.391	113	48958	50.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	178173	50.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.720%
62) 4-Bromofluorobenzene	11.079	95	60961	49.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.460%

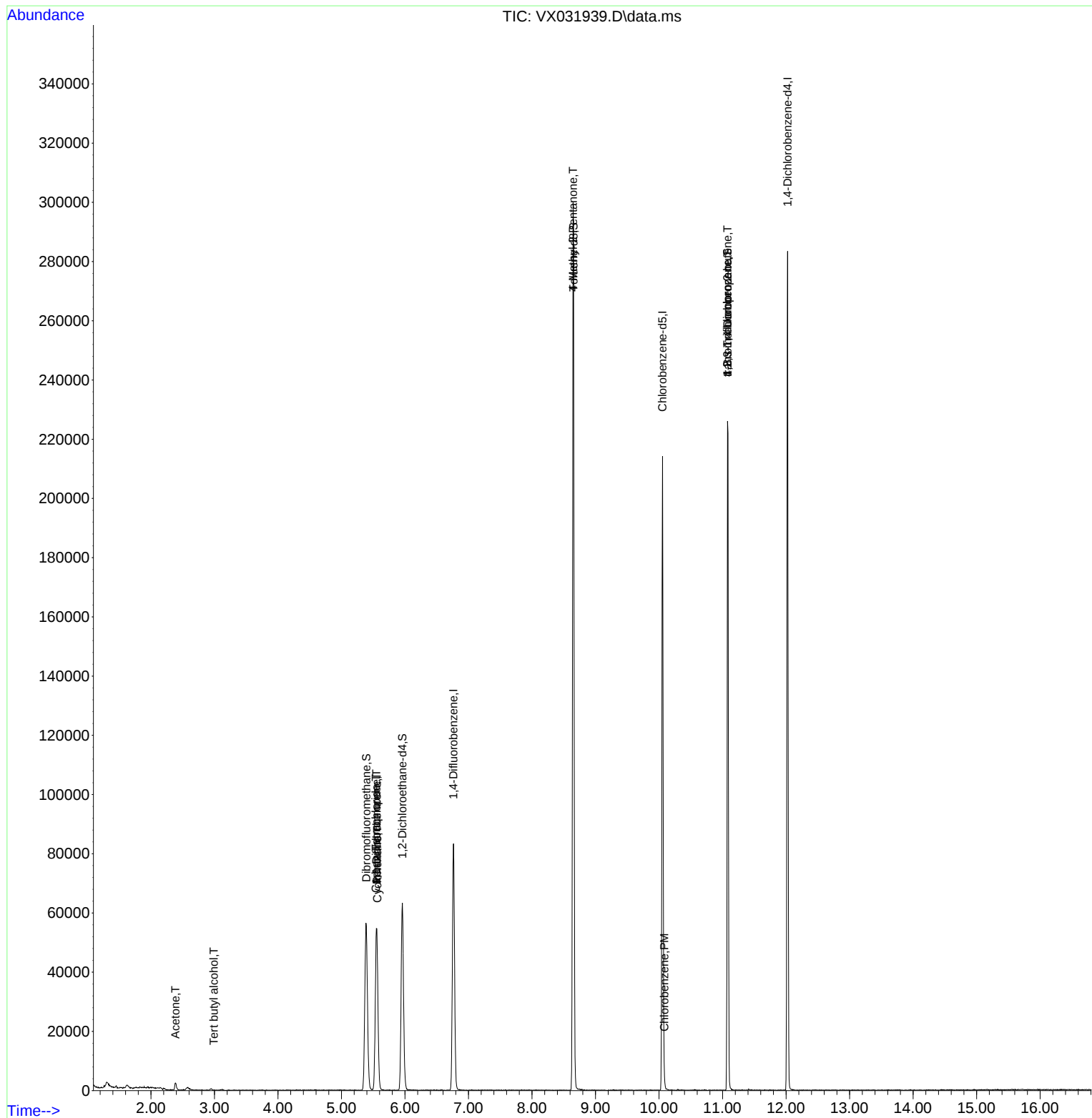
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	176	Below Cal	#	78
11) Tert butyl alcohol	2.989	59	48	0.360	ug/l #	73
16) Acetone	2.386	43	2971	8.159	ug/l	95
31) Cyclohexane	5.562	56	951	0.743	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	4105	3.180	ug/l #	51
38) Carbon Tetrachloride	5.544	117	5562	4.214	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	778	0.637	ug/l #	1
65) Chlorobenzene	10.085	112	1511	0.533	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	31213	26.742	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31213	91.666	ug/l #	11

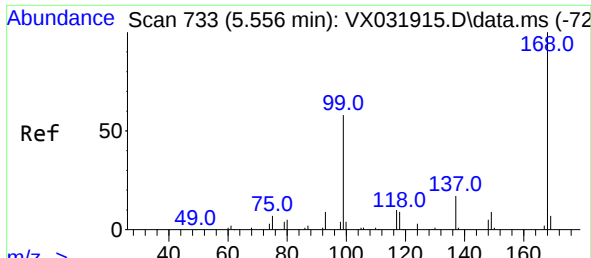
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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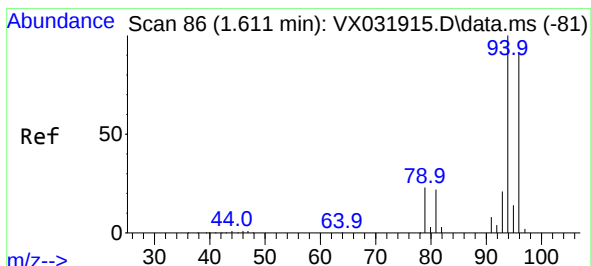
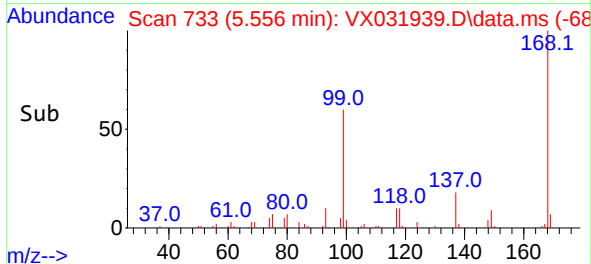
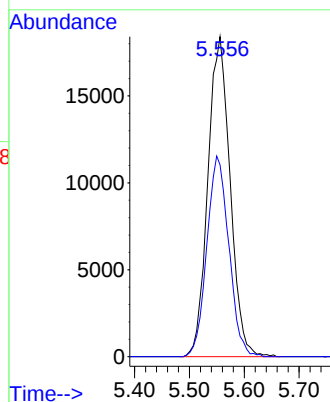
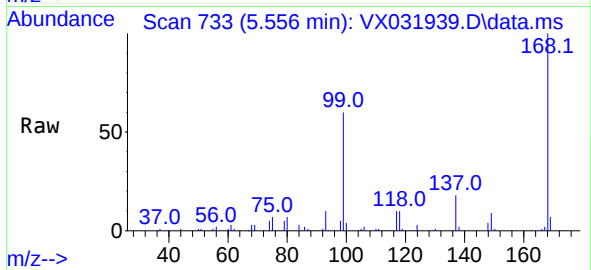




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

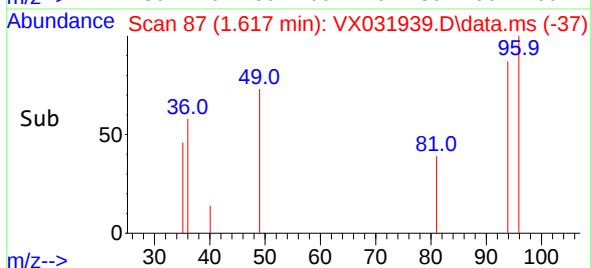
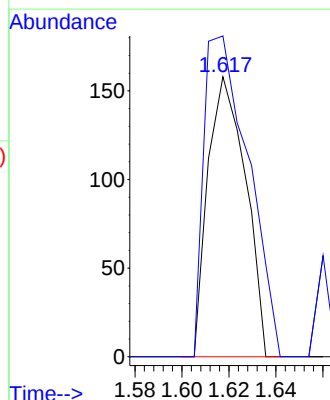
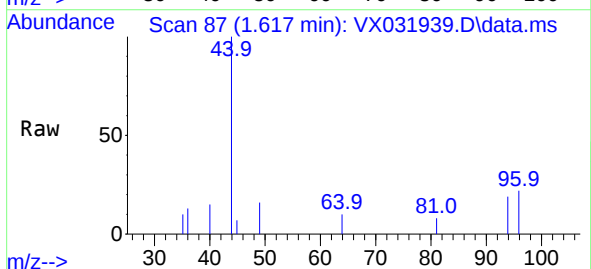
Instrument :
MSVOA_X
ClientSampleId :
MW-135

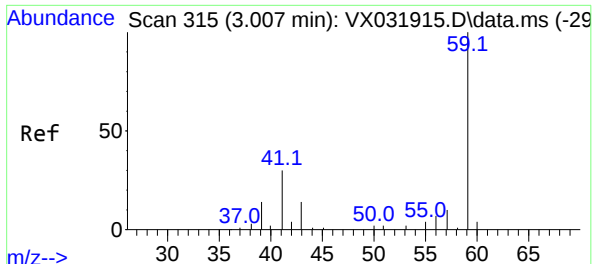
Tgt Ion:168 Resp: 51882
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 114.6 74.4 111.6#





#11

Tert butyl alcohol

Concen: 0.360 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX031939.D

Acq: 06 Oct 2022 23:34

Instrument :

MSVOA_X

ClientSampleId :

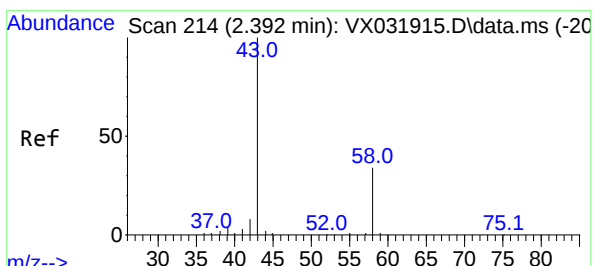
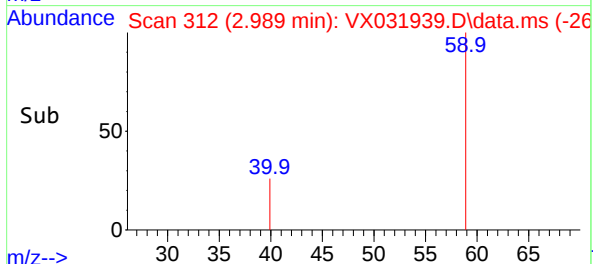
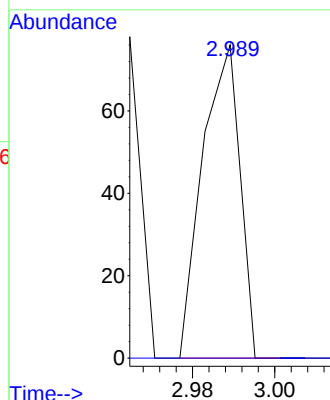
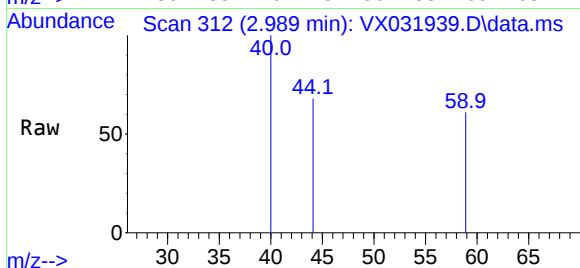
MW-135

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 8.159 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031939.D

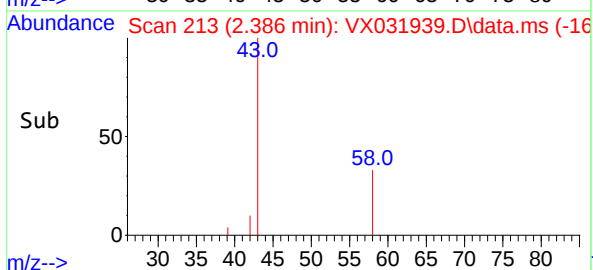
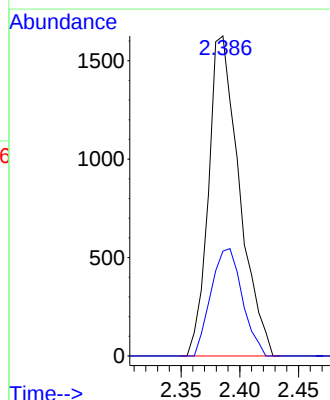
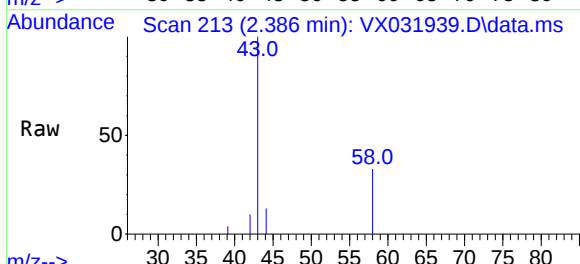
Acq: 06 Oct 2022 23:34

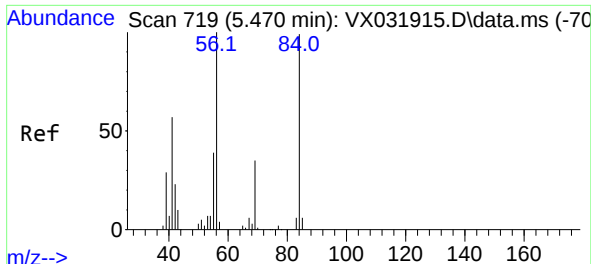
Tgt Ion: 43 Resp: 2971

Ion Ratio Lower Upper

43 100

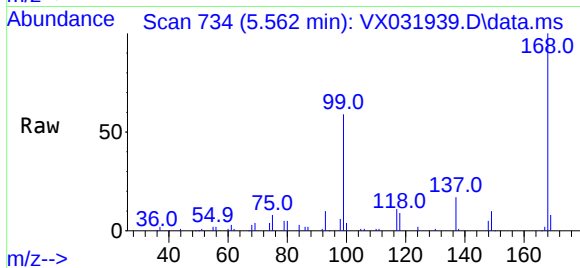
58 32.7 23.8 35.8



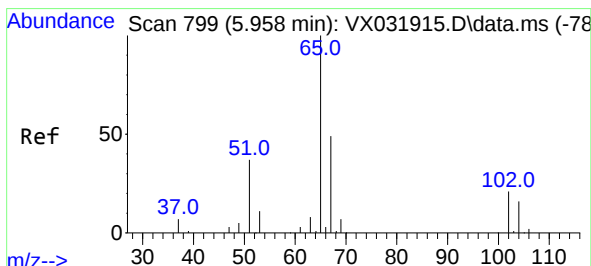
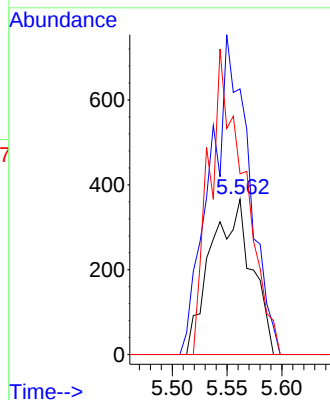
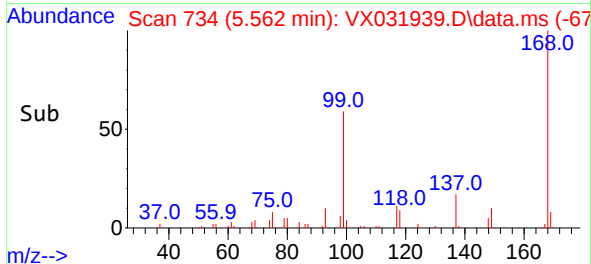


#31
Cyclohexane
Concen: 0.743 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Instrument :
MSVOA_X
ClientSampleId :
MW-135

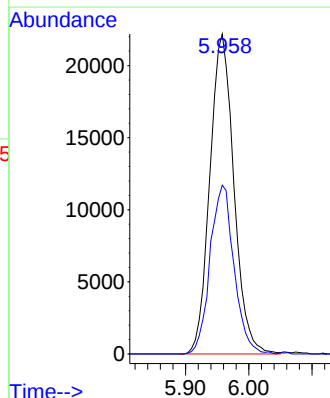
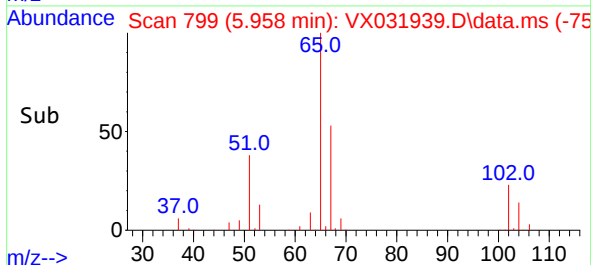
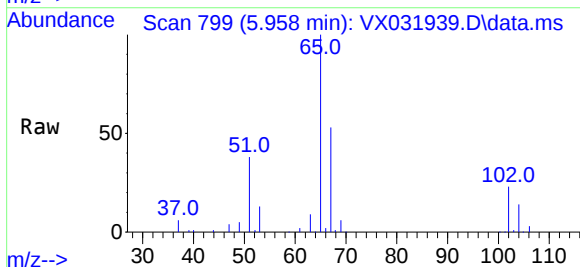


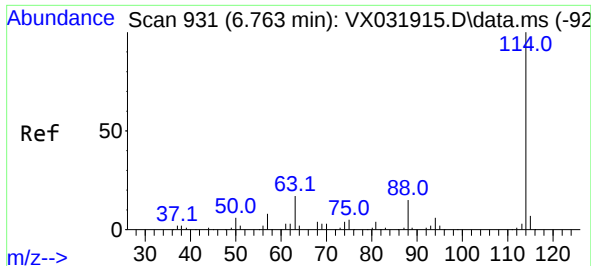
Tgt Ion: 56 Resp: 951
Ion Ratio Lower Upper
56 100
69 171.0 25.1 37.7#
84 116.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.633 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion: 65 Resp: 58538
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

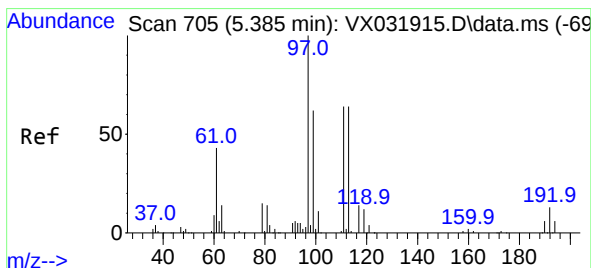
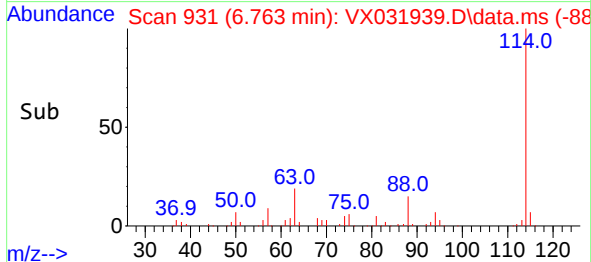
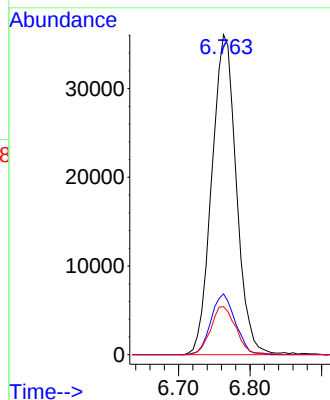
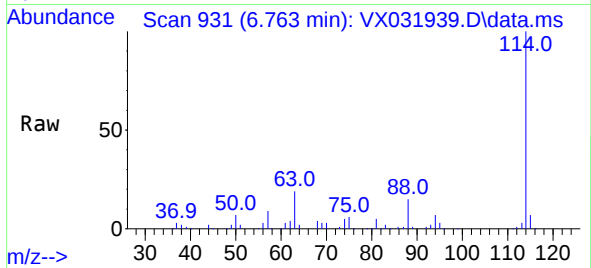




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

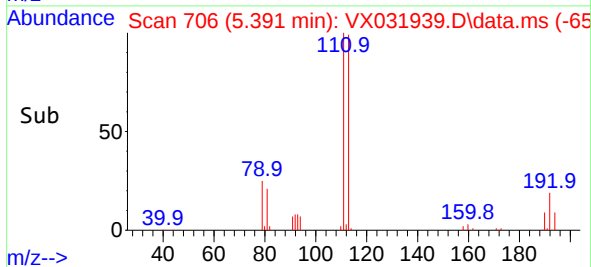
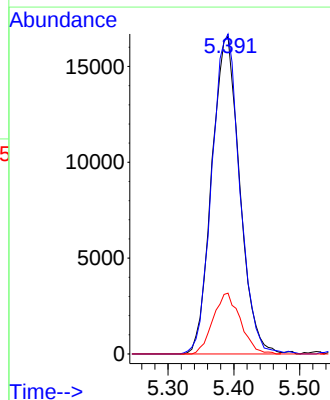
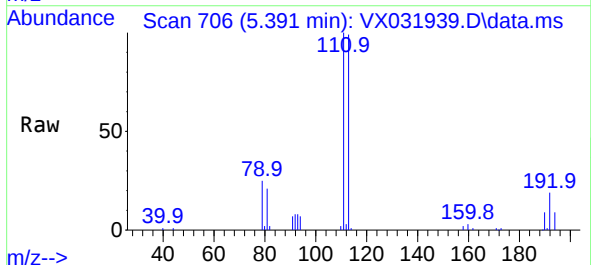
Instrument :
MSVOA_X
ClientSampleId :
MW-135

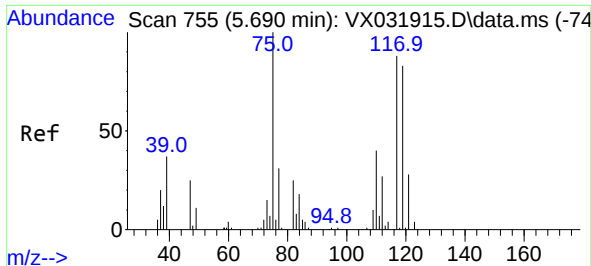
Tgt Ion:114 Resp: 86000
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion:113 Resp: 48958
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 18.7 14.1 21.1

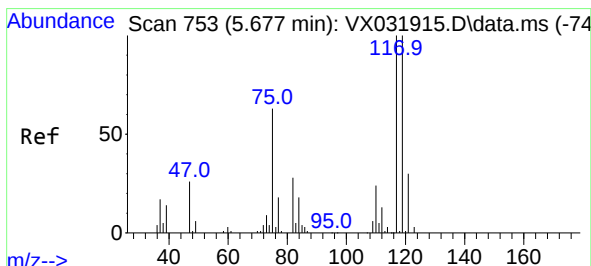
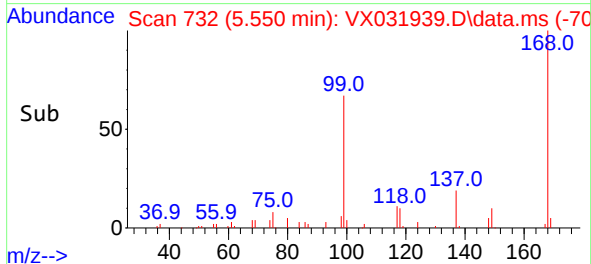
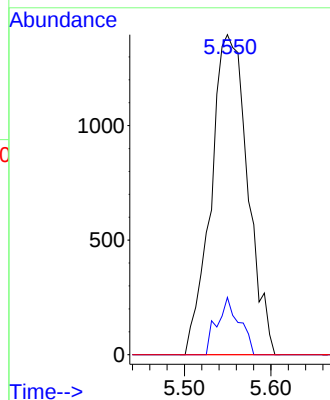
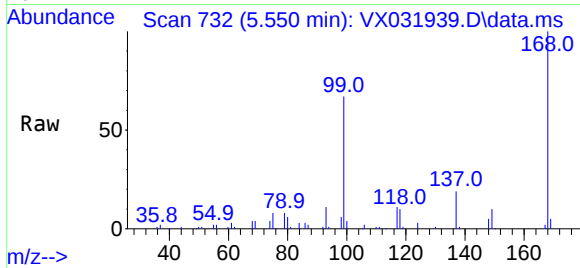




#36
1,1-Dichloropropene
Concen: 3.180 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

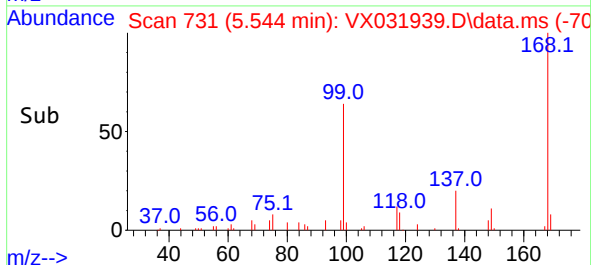
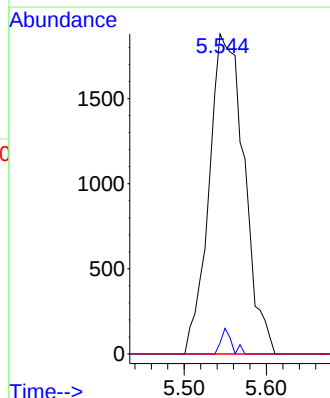
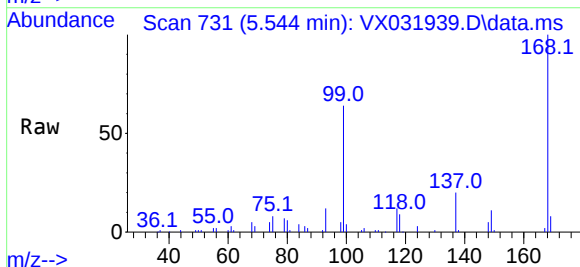
Instrument :
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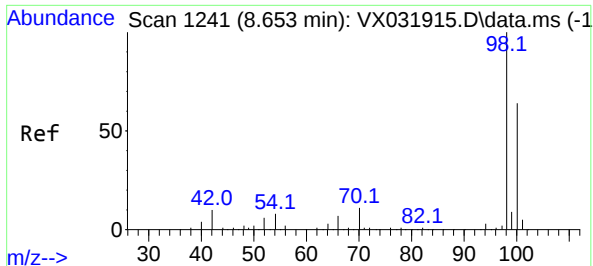
Tgt Ion: 75 Resp: 4105
Ion Ratio Lower Upper
75 100
110 10.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.214 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion: 117 Resp: 5562
Ion Ratio Lower Upper
117 100
119 3.5 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.865 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031939.D

Acq: 06 Oct 2022 23:34

Instrument :

MSVOA_X

ClientSampleId :

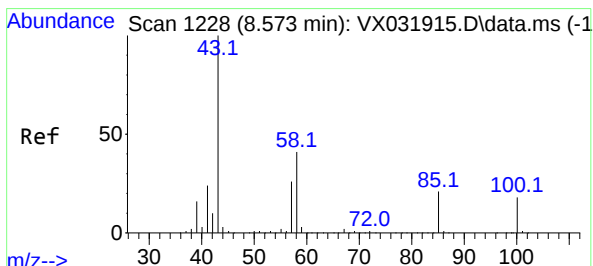
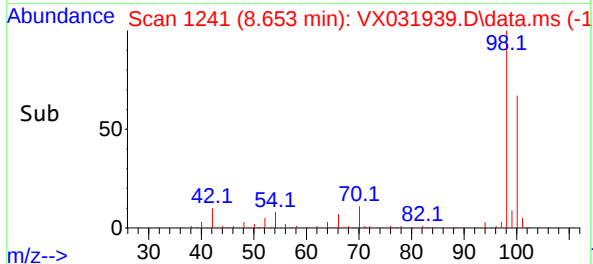
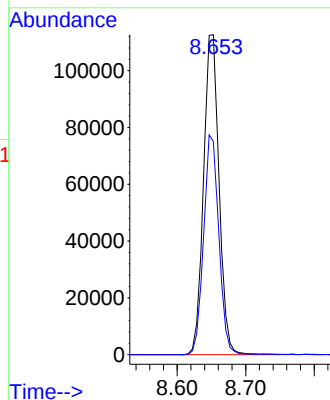
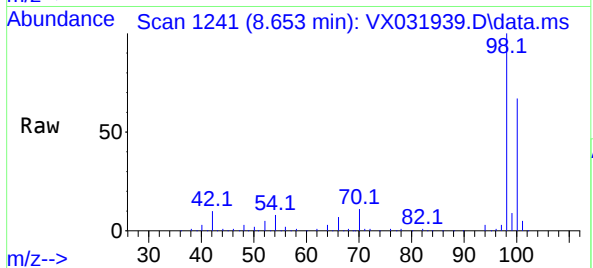
MW-135

Tgt Ion: 98 Resp: 178173

Ion Ratio Lower Upper

98 100

100 67.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.637 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX031939.D

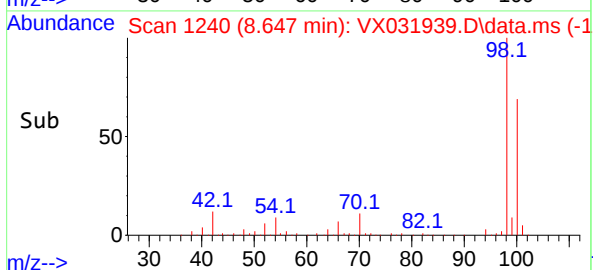
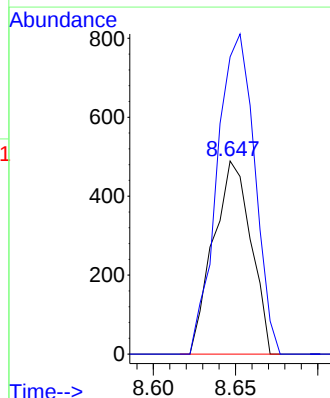
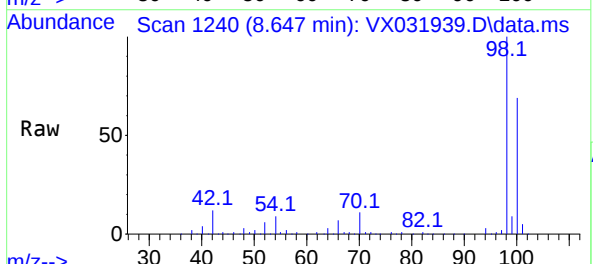
Acq: 06 Oct 2022 23:34

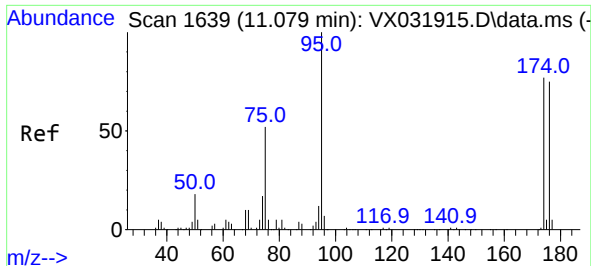
Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 166.1 30.6 46.0#

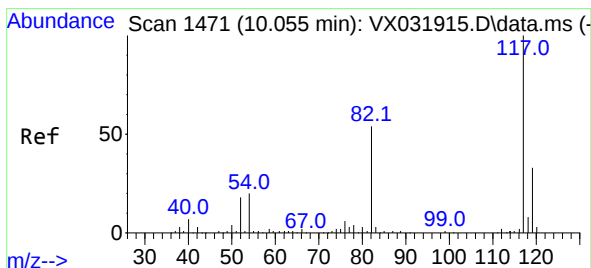
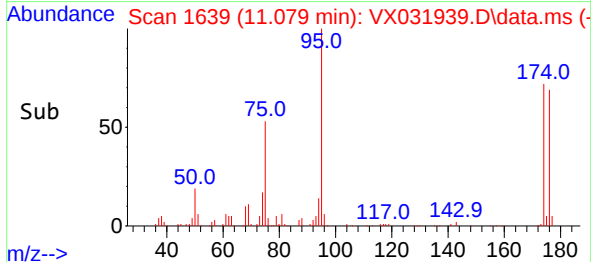
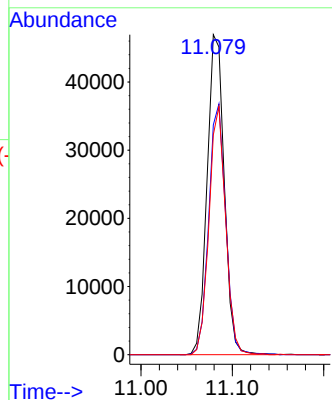
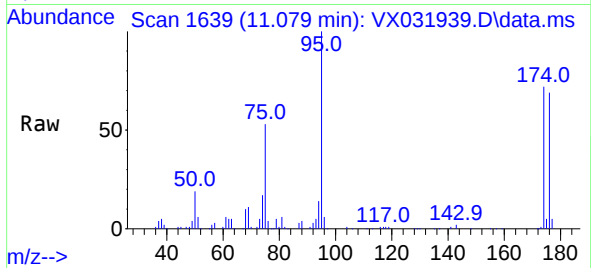




#62
4-Bromofluorobenzene
Concen: 49.227 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

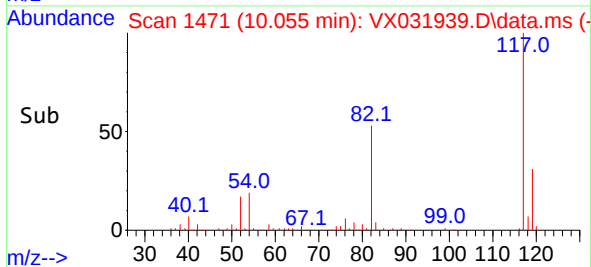
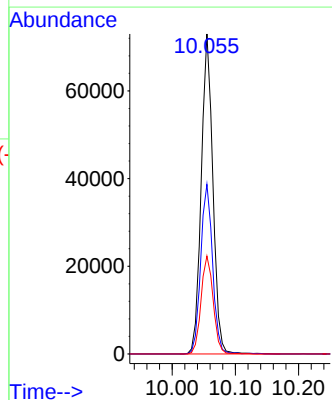
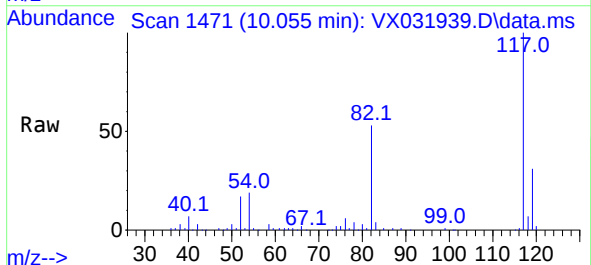
Instrument :
MSVOA_X
ClientSampleId :
MW-135

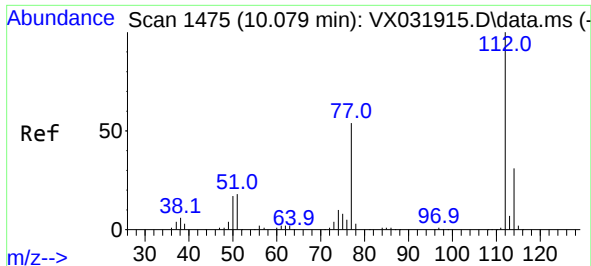
Tgt Ion: 95 Resp: 60961
Ion Ratio Lower Upper
95 100
174 77.5 0.0 153.2
176 75.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion: 117 Resp: 93533
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 30.6 26.4 39.6

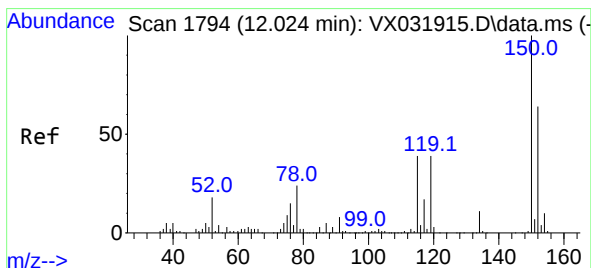
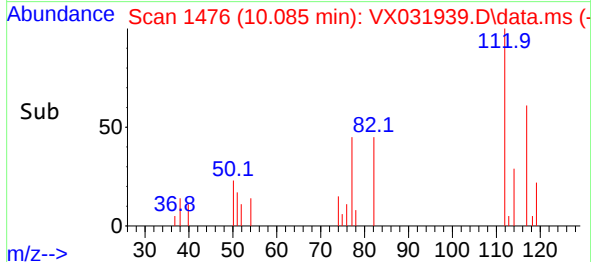
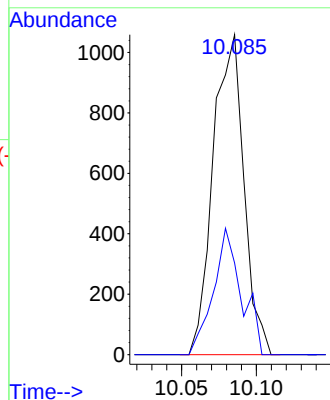
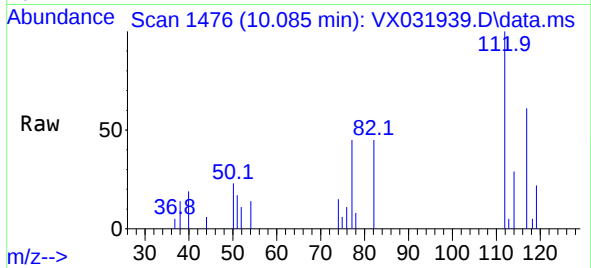




#65
Chlorobenzene
Concen: 0.533 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

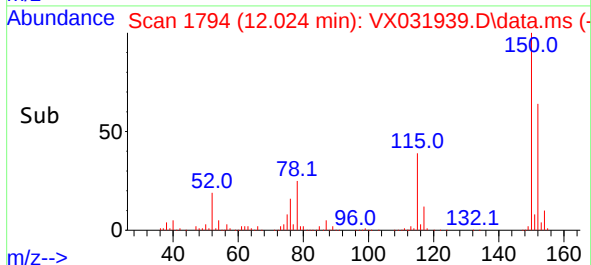
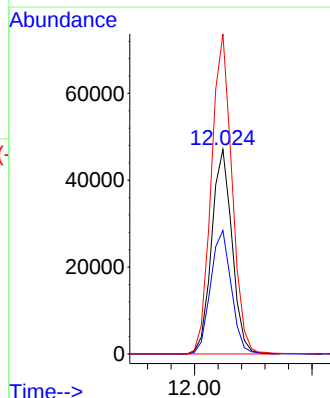
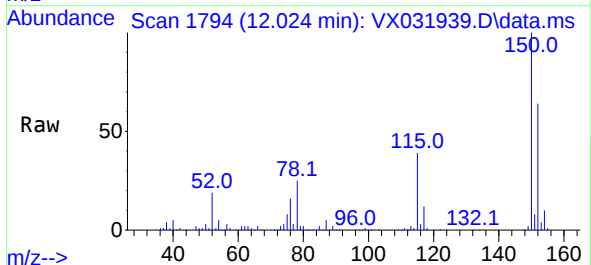
Instrument :
MSVOA_X
ClientSampleId :
MW-135

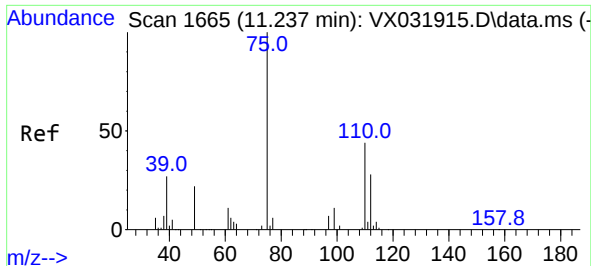
Tgt Ion:112 Resp: 1511
Ion Ratio Lower Upper
112 100
114 28.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion:152 Resp: 56951
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.1
150 158.5 0.0 346.8

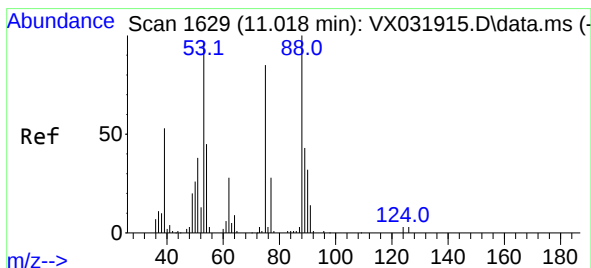
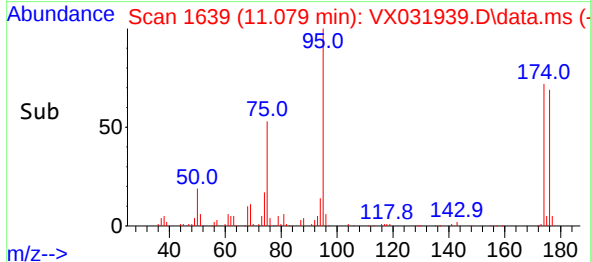
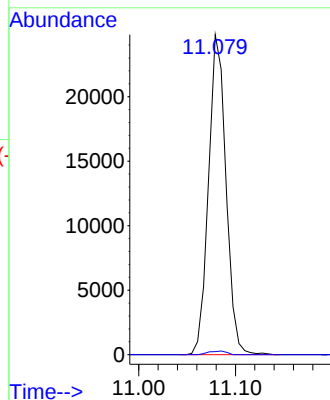
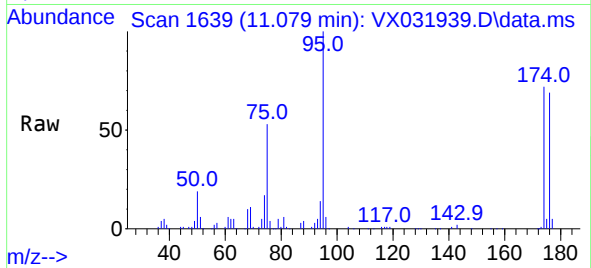




#76
1,2,3-Trichloropropane
Concen: 26.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Instrument :
MSVOA_X
ClientSampleId :
MW-135

Tgt Ion: 75 Resp: 31213
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031939.D
Acq: 06 Oct 2022 23:34

Tgt Ion: 75 Resp: 31213
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

