

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031937.D
 Acq On : 06 Oct 2022 22:47
 Operator : JC/MD
 Sample : N4883-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-133

Quant Time: Oct 07 08:09:33 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)

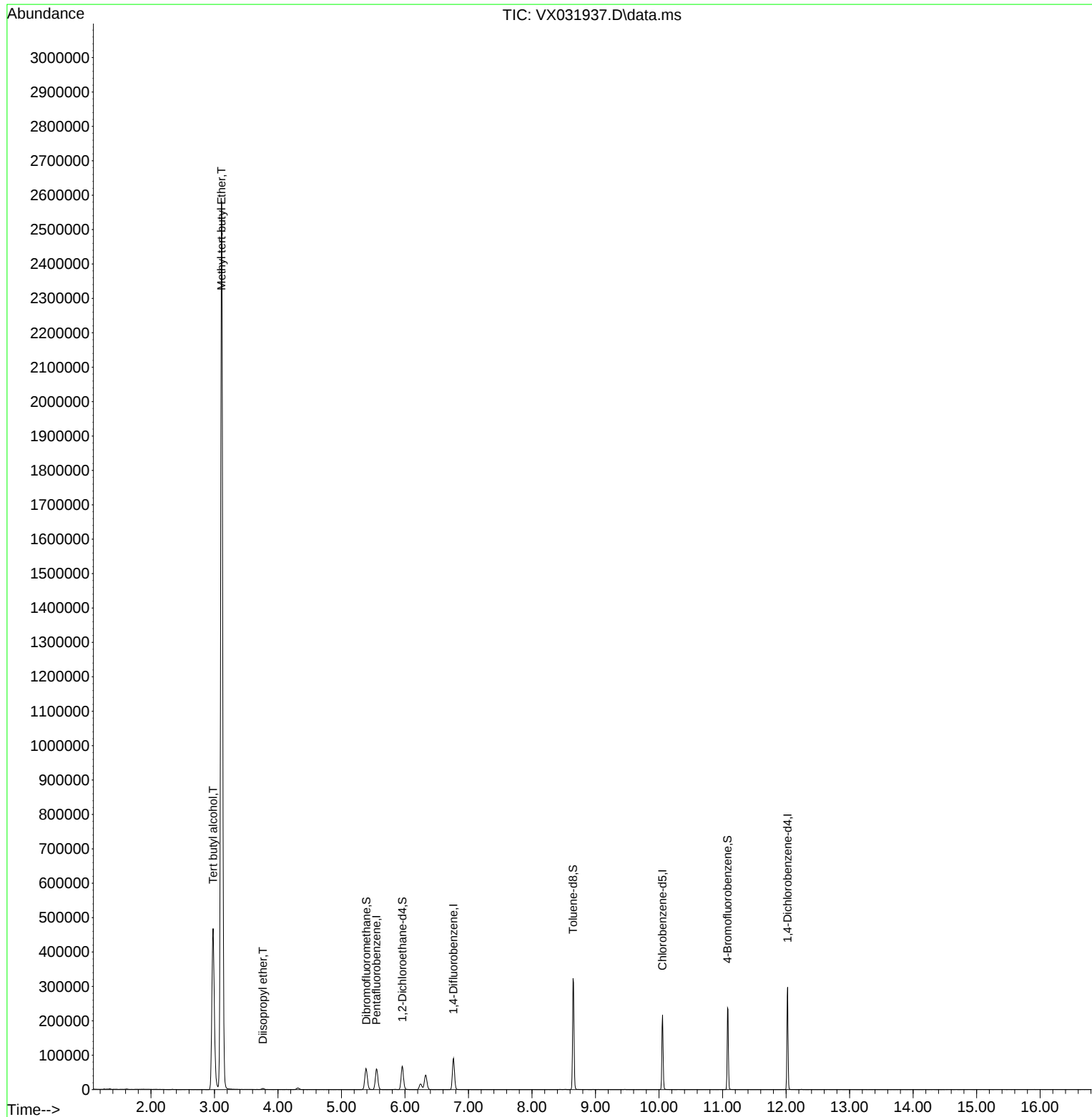
Internal Standards						
1) Pentafluorobenzene	5.550	168	57368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63739	53.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.600%
35) Dibromofluoromethane	5.391	113	52774	48.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	8.647	98	189839	48.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	64626	46.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	635540	4311.510	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	2853522	973.125	ug/l	100
22) Diisopropyl ether	3.764	45	3327	1.190	ug/l #	96

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

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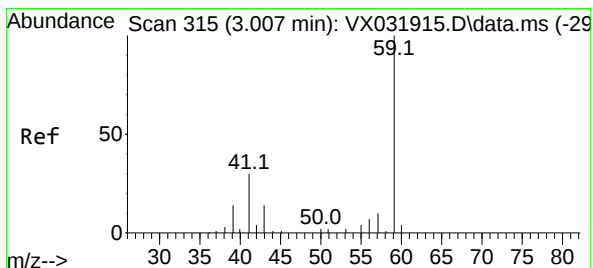
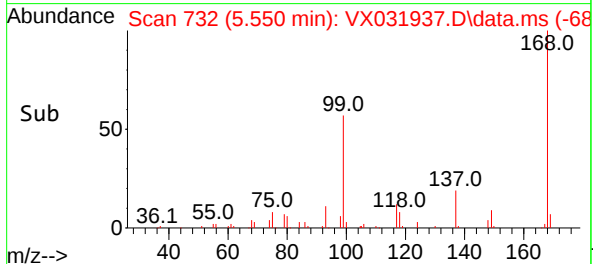
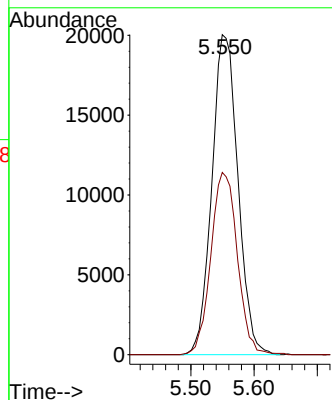
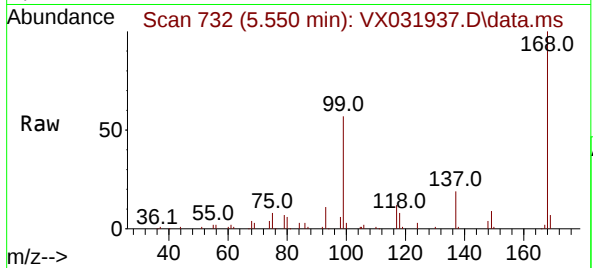




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

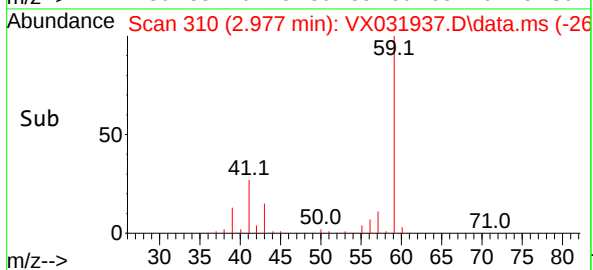
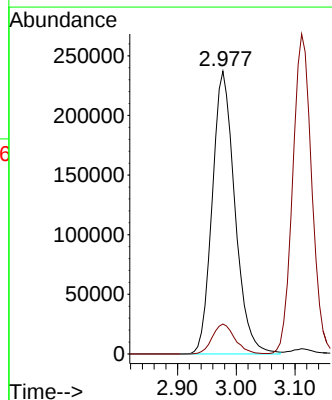
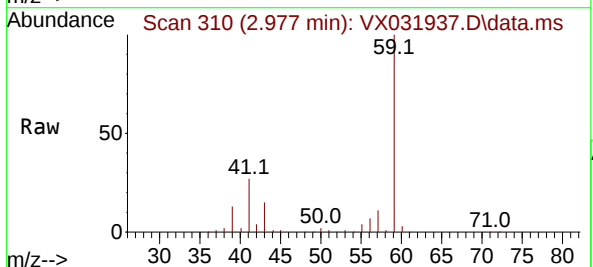
Instrument :
MSVOA_X
ClientSampleId :
MW-133

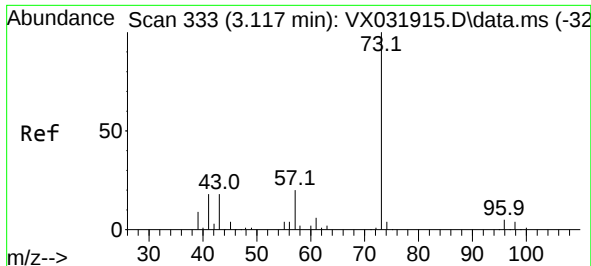
Tgt Ion:168 Resp: 57368
Ion Ratio Lower Upper
168 100
99 56.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 4311.510 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 59 Resp: 635540
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2





#19

Methyl tert-butyl Ether

Concen: 973.125 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Instrument :

MSVOA_X

ClientSampleId :

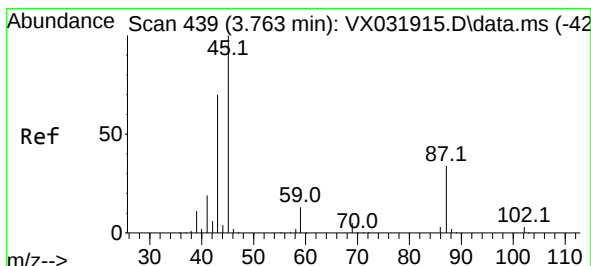
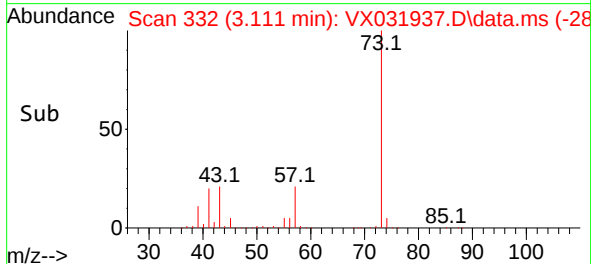
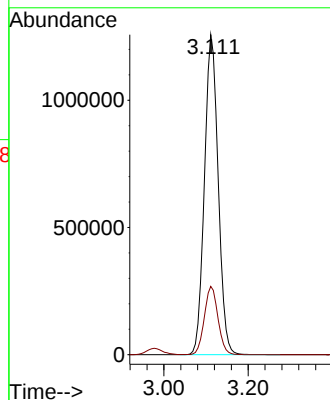
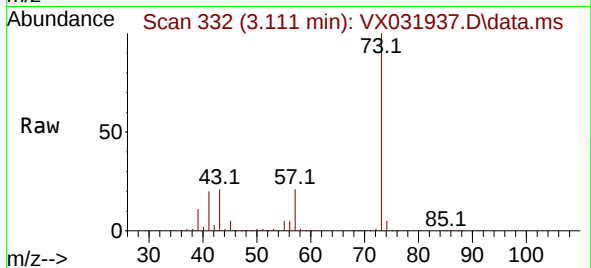
MW-133

Tgt Ion: 73 Resp: 2853522

Ion Ratio Lower Upper

73 100

57 21.3 17.2 25.8



#22

Diisopropyl ether

Concen: 1.190 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.001 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Tgt Ion: 45 Resp: 3327

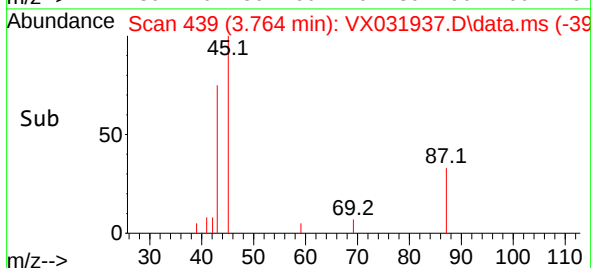
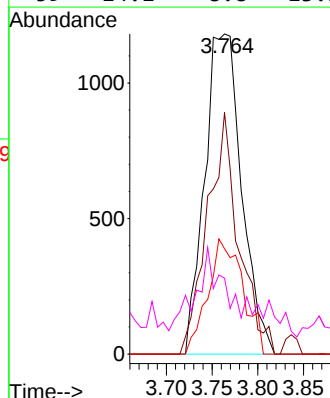
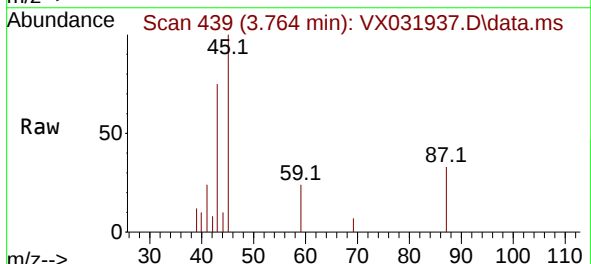
Ion Ratio Lower Upper

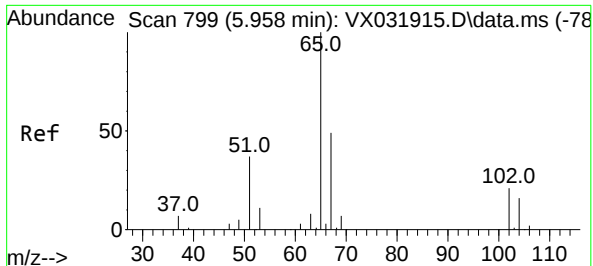
45 100

43 75.4 59.0 88.6

87 32.9 22.6 33.8

59 14.1 8.8 13.2#





#33

1,2-Dichloroethane-d4

Concen: 53.799 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Instrument :

MSVOA_X

ClientSampleId :

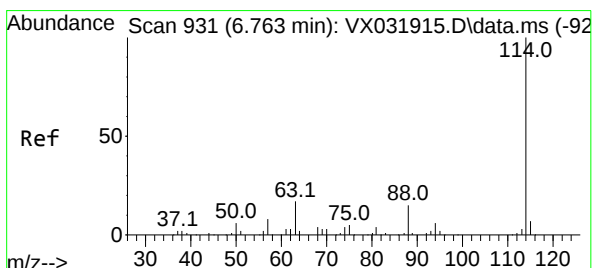
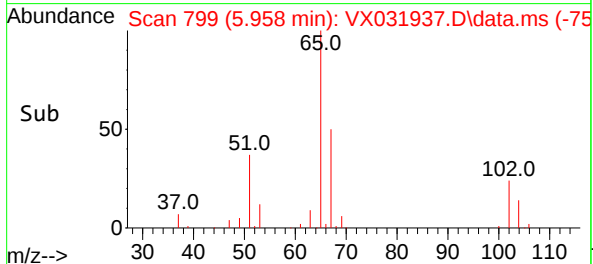
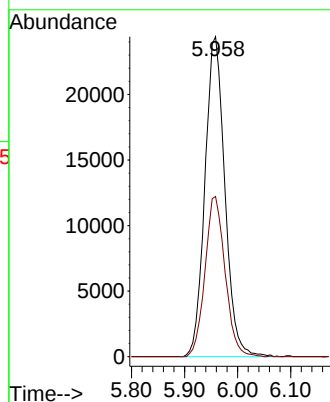
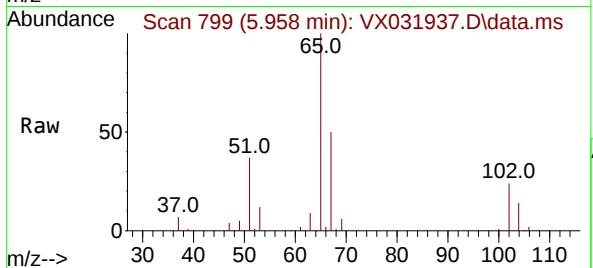
MW-133

Tgt Ion: 65 Resp: 63739

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

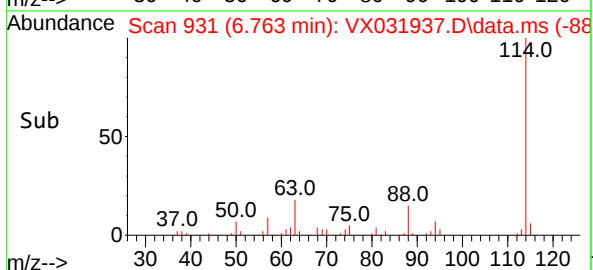
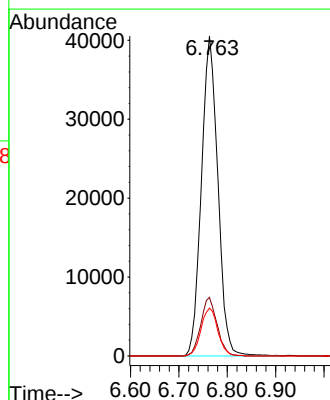
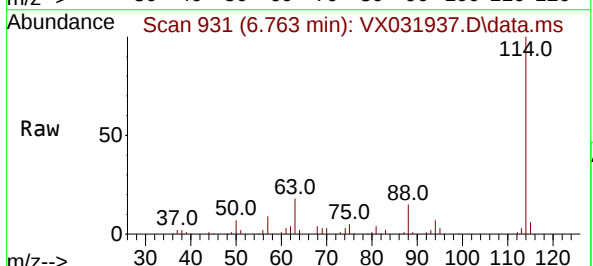
Tgt Ion: 114 Resp: 95623

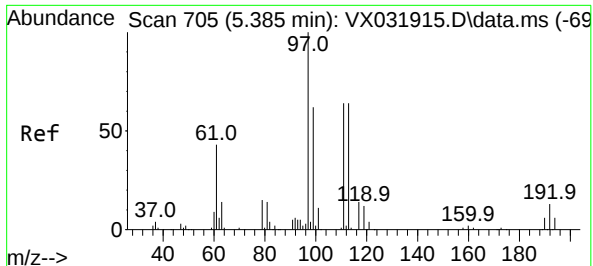
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Instrument :

MSVOA_X

ClientSampleId :

MW-133

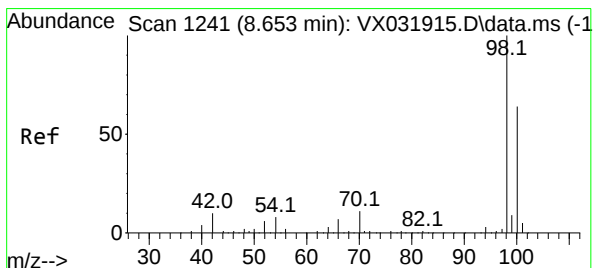
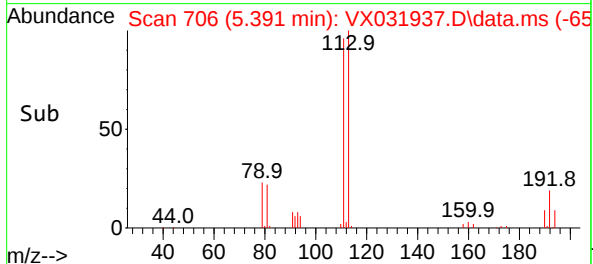
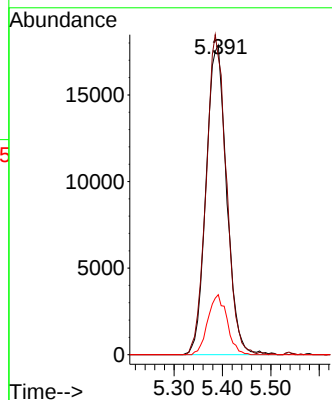
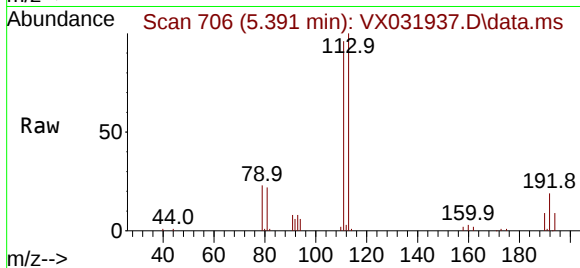
Tgt Ion:113 Resp: 52774

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 18.1 14.1 21.1



#50

Toluene-d8

Concen: 48.741 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031937.D

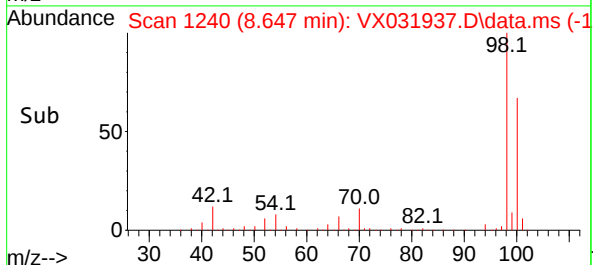
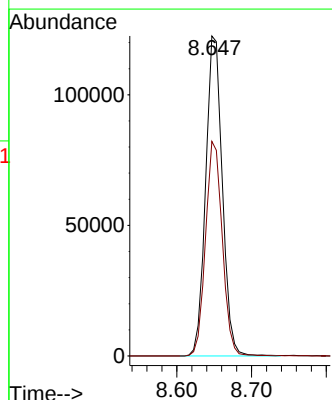
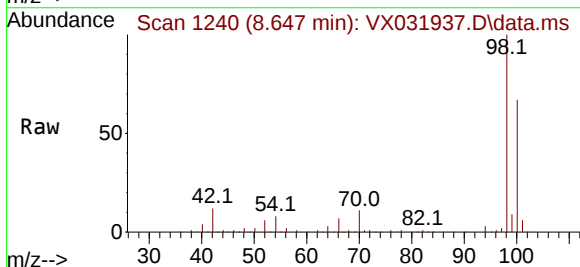
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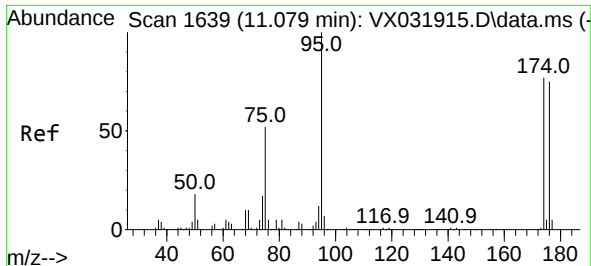
Tgt Ion: 98 Resp: 189839

Ion Ratio Lower Upper

98 100

100 67.3 52.5 78.7

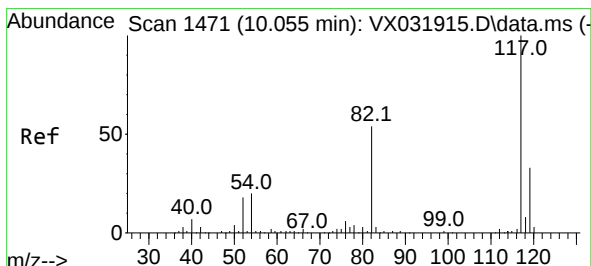
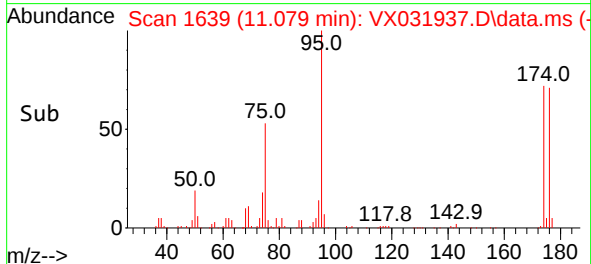
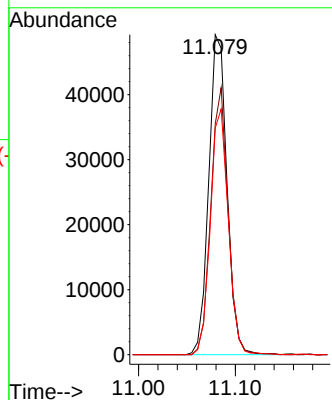
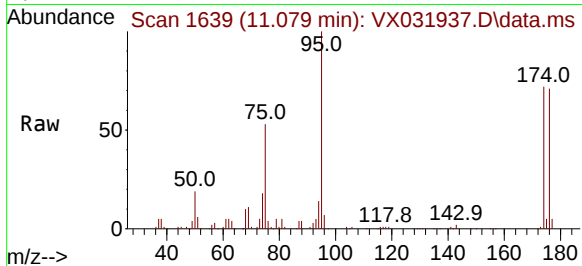




#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

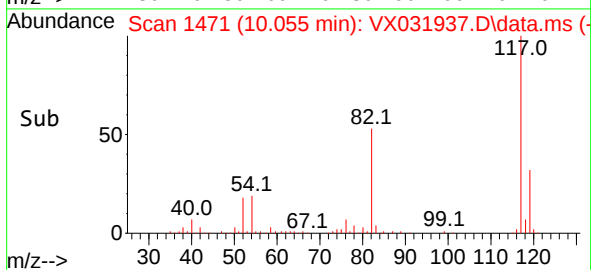
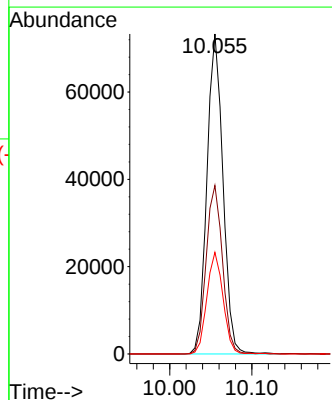
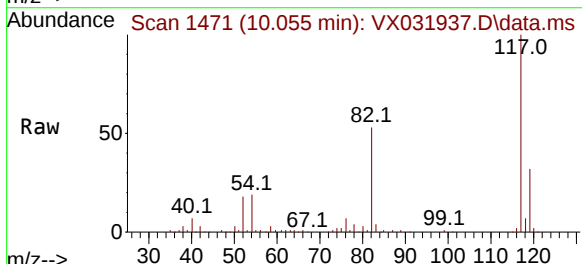
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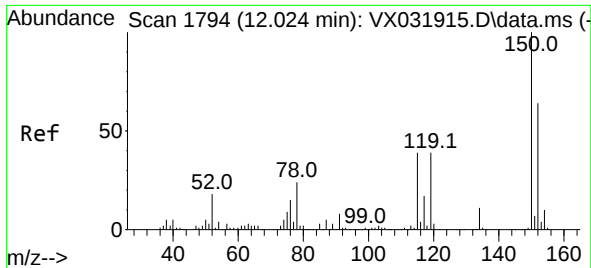
Tgt Ion: 95 Resp: 64626
Ion Ratio Lower Upper
95 100
174 78.9 0.0 153.2
176 75.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

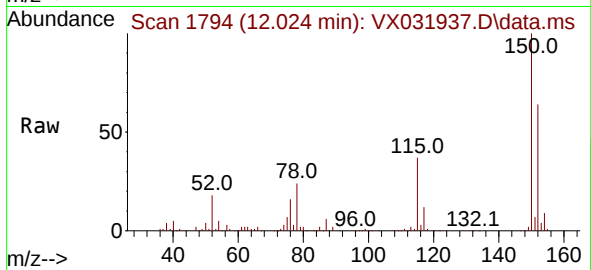
Tgt Ion: 117 Resp: 99064
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 31.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031937.D
 Acq: 06 Oct 2022 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-133



Tgt Ion:152 Resp: 59933
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.4 130.1
 150 157.9 0.0 346.8

