

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038603.D
 Acq On : 27 Oct 2023 15:26
 Operator : JC/MD
 Sample : 05063-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11IRE

Quant Time: Oct 30 01:31:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

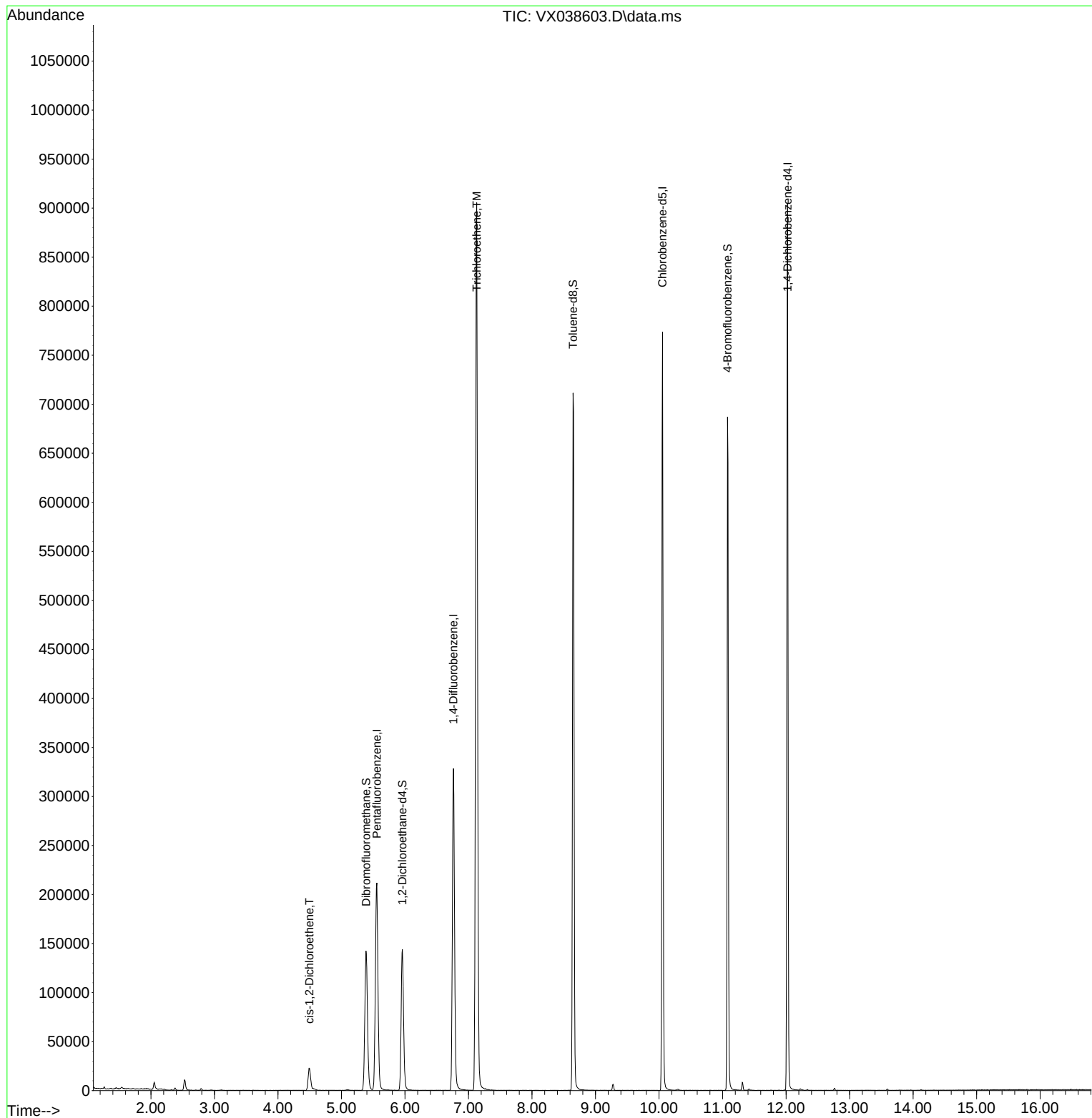
Internal Standards						
1) Pentafluorobenzene	5.556	168	209470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138835	41.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.420%
35) Dibromofluoromethane	5.385	113	124992	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	455688	46.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	11.079	95	181964	49.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
27) cis-1,2-Dichloroethene	4.495	96	15734	5.568	ug/l	77
44) Trichloroethene	7.129	130	363238	140.992	ug/l	95

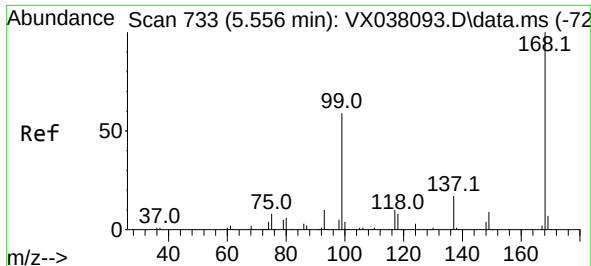
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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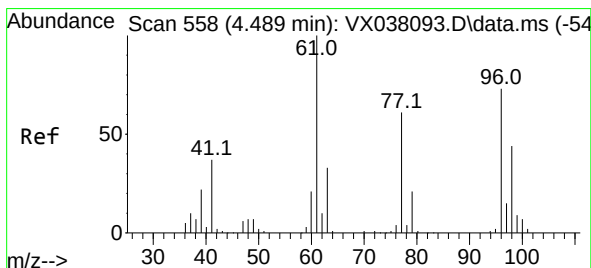
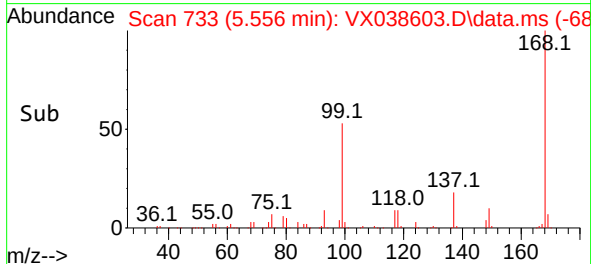
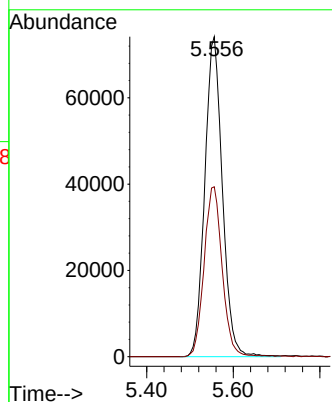
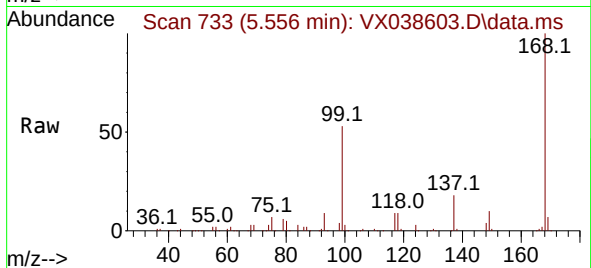




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

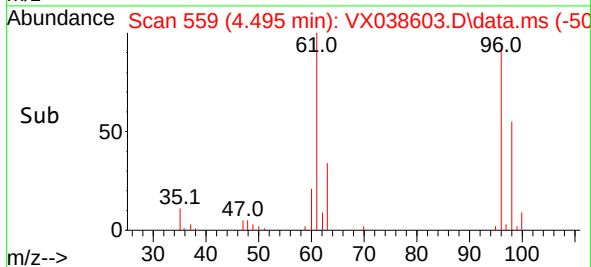
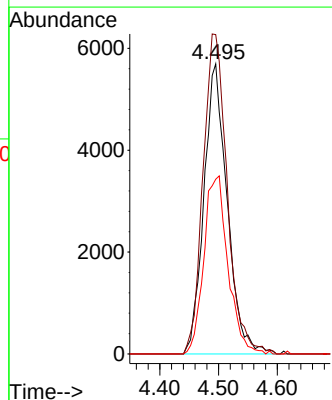
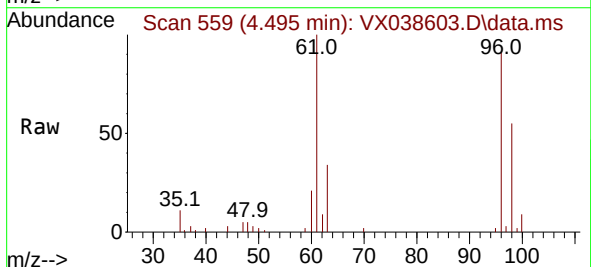
Instrument :
MSVOA_X
ClientSampleId :
LEA-11IRE

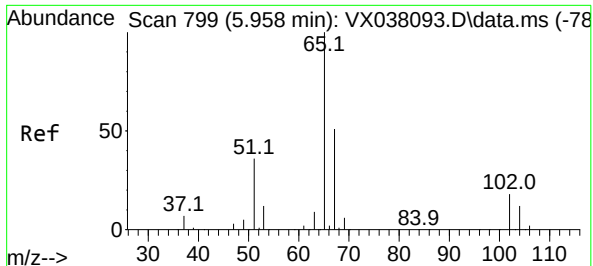
Tgt Ion:168 Resp: 209470
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#



#27
cis-1,2-Dichloroethene
Concen: 5.568 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Tgt Ion: 96 Resp: 15734
Ion Ratio Lower Upper
96 100
61 114.2 0.0 312.2
98 63.5 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 41.207 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

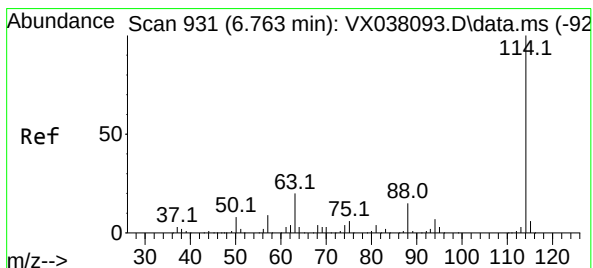
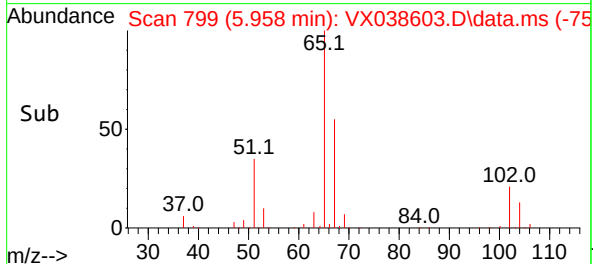
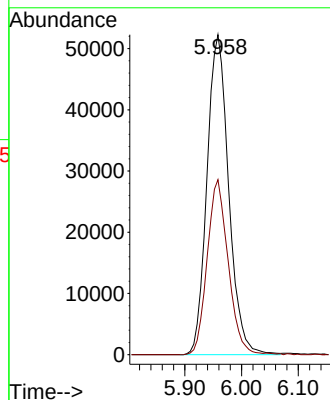
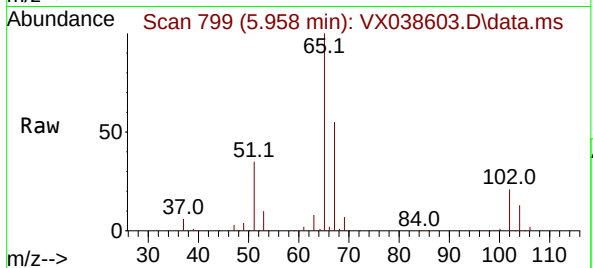
LEA-11IRE

Tgt Ion: 65 Resp: 138835

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

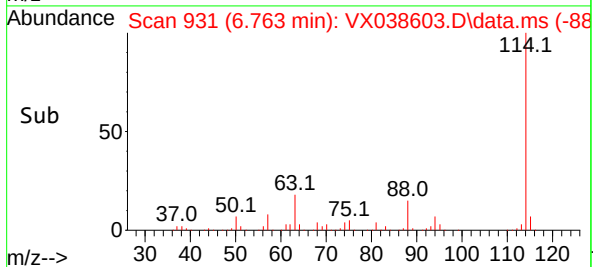
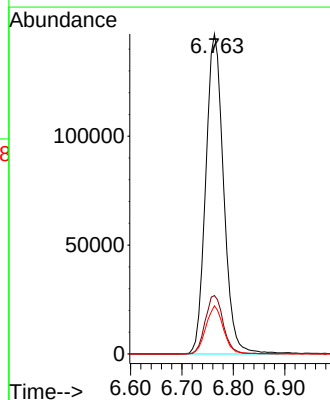
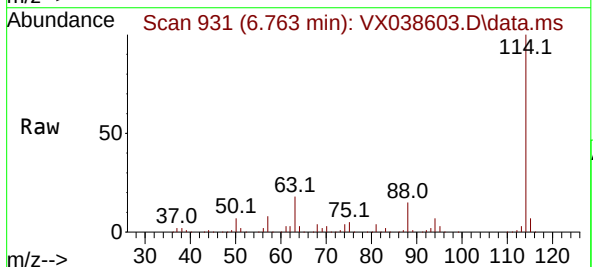
Tgt Ion: 114 Resp: 354427

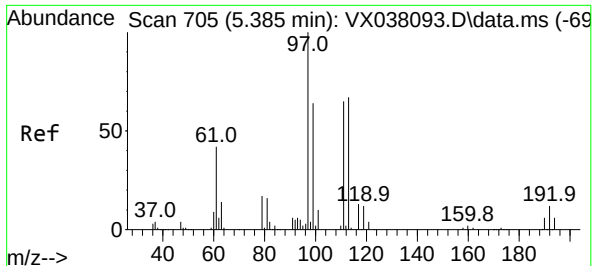
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038603.D

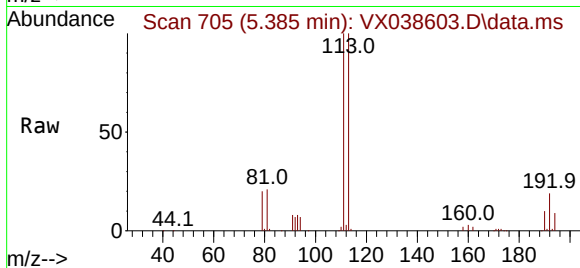
Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LEA-11IRE



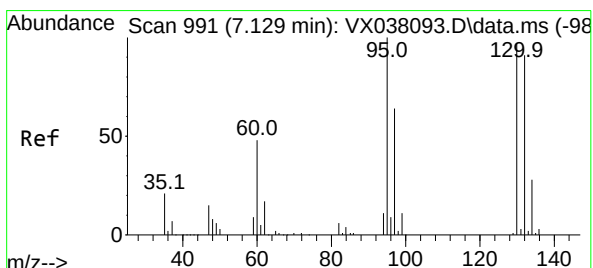
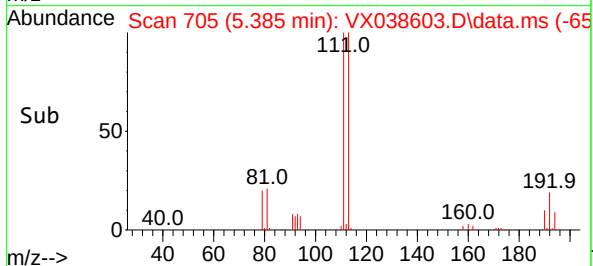
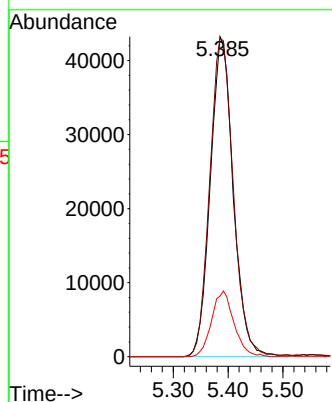
Tgt Ion:113 Resp: 124992

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 20.1 13.3 19.9#



#44

Trichloroethene

Concen: 140.992 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038603.D

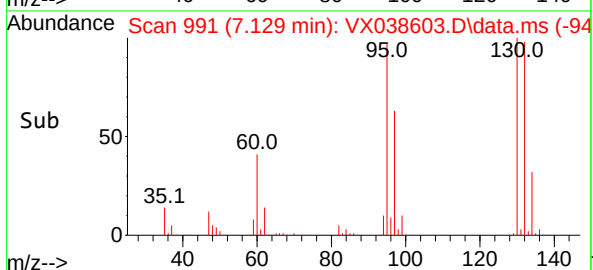
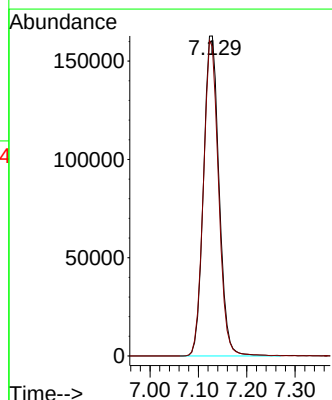
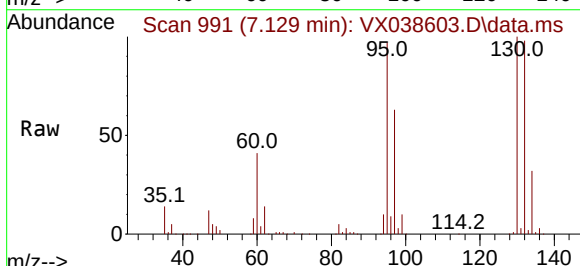
Acq: 27 Oct 2023 15:26

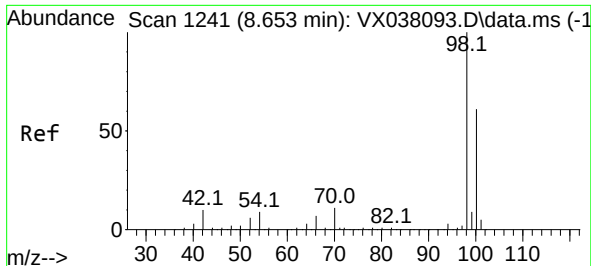
Tgt Ion:130 Resp: 363238

Ion Ratio Lower Upper

130 100

95 96.7 0.0 204.4





#50

Toluene-d8

Concen: 46.694 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

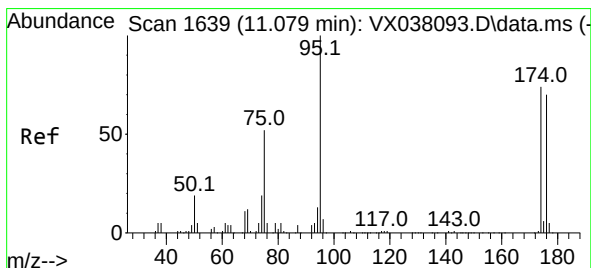
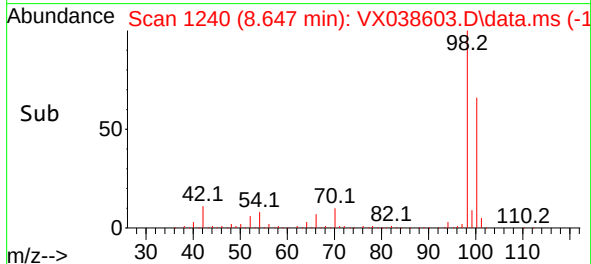
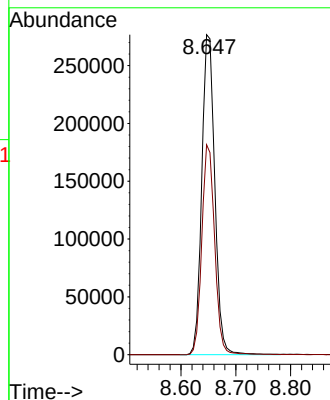
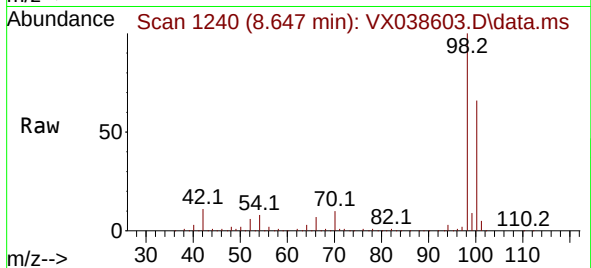
LEA-11IRE

Tgt Ion: 98 Resp: 455688

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.183 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

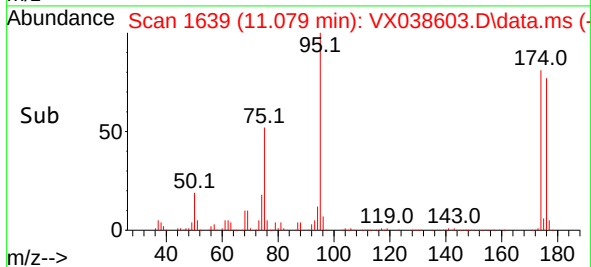
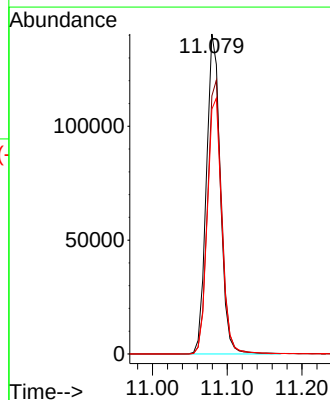
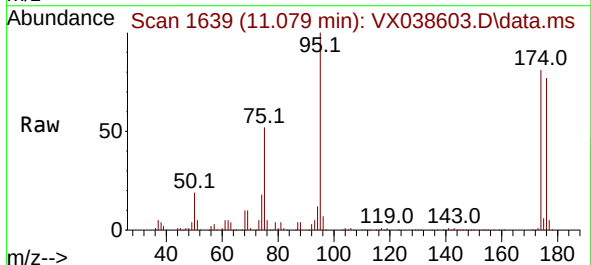
Tgt Ion: 95 Resp: 181964

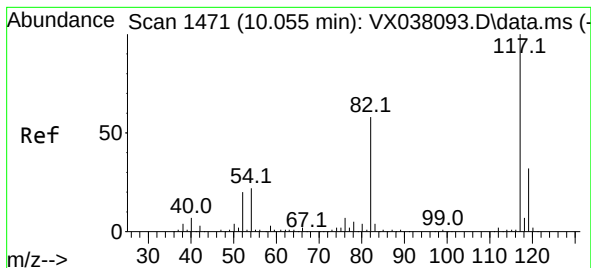
Ion Ratio Lower Upper

95 100

174 87.7 0.0 135.6

176 83.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

LEA-11IRE

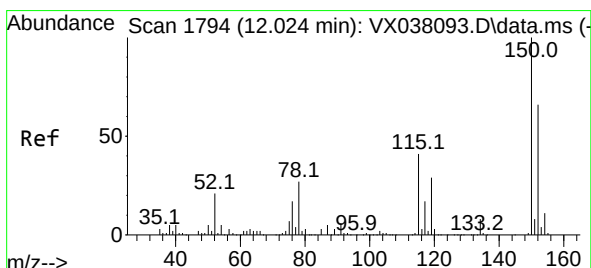
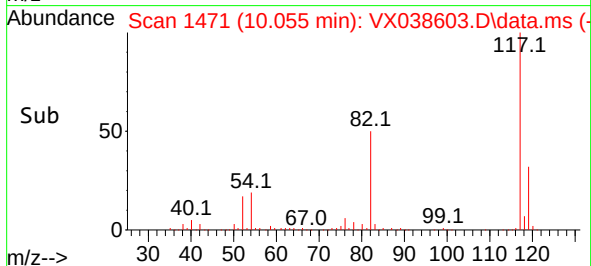
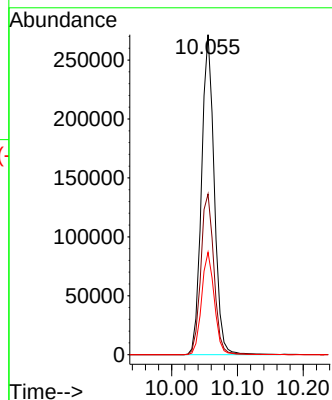
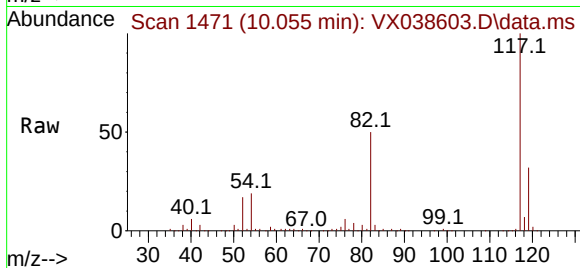
Tgt Ion:117 Resp: 364597

Ion Ratio Lower Upper

117 100

82 50.2 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Tgt Ion:152 Resp: 201925

Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 155.5 0.0 345.0

