

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033197.D
 Acq On : 02 Dec 2022 19:39
 Operator : JC/MD
 Sample : N5841-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12I

Quant Time: Dec 03 04:36:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

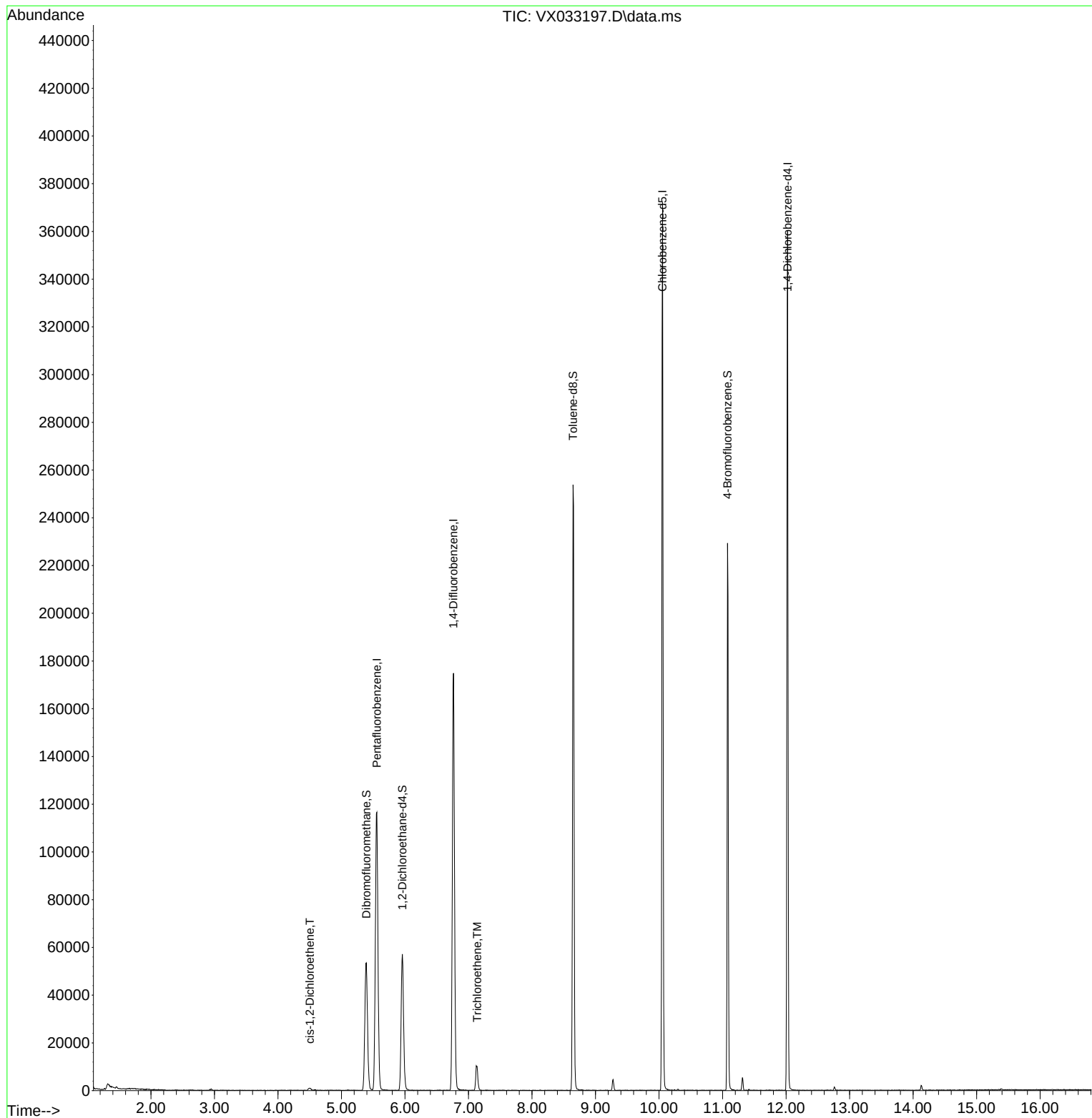
Internal Standards						
1) Pentafluorobenzene	5.556	168	109762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58187	54.536	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.080%	
35) Dibromofluoromethane	5.391	113	46648	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.980%	
50) Toluene-d8	8.647	98	154753	51.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	11.079	95	58168	44.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.260%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.501	96	648	0.521	ug/l	89
44) Trichloroethene	7.135	130	4481	3.550	ug/l	100

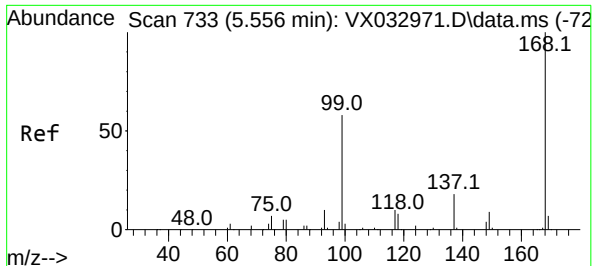
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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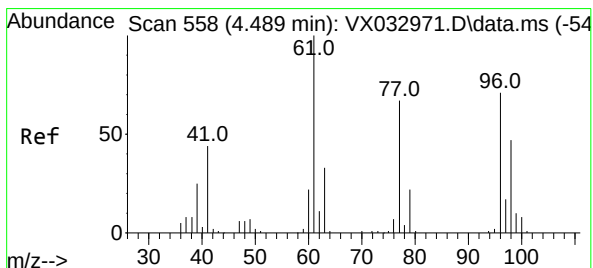
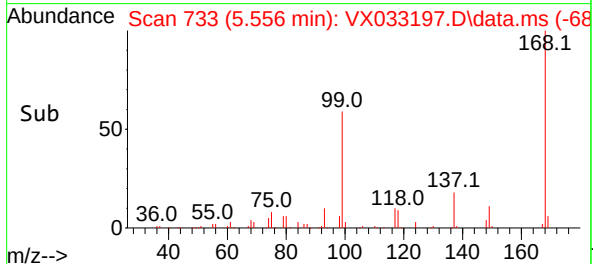
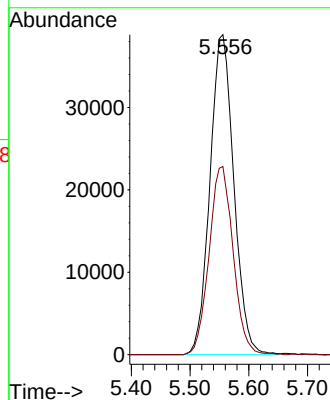
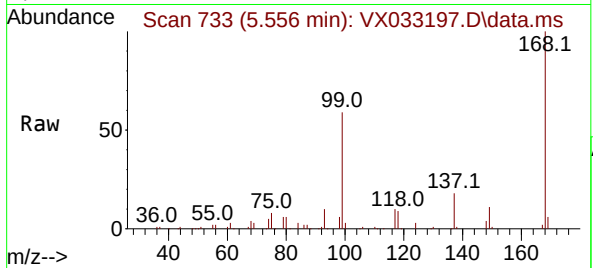




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033197.D
Acq: 02 Dec 2022 19:39

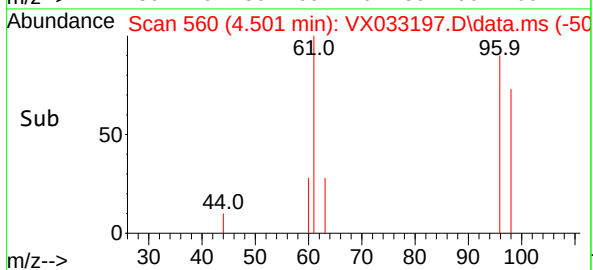
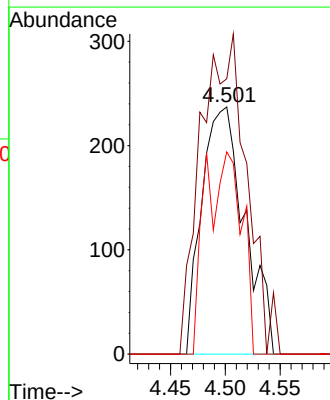
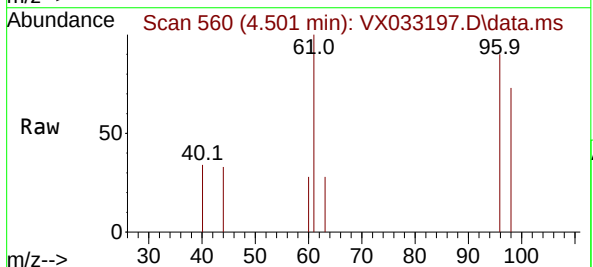
Instrument :
MSVOA_X
ClientSampleId :
LEA-12I

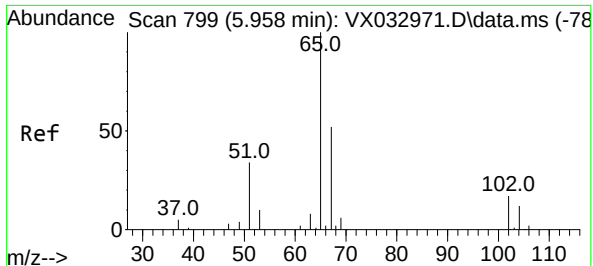
Tgt Ion:168 Resp: 109762
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#27
cis-1,2-Dichloroethene
Concen: 0.521 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX033197.D
Acq: 02 Dec 2022 19:39

Tgt Ion: 96 Resp: 648
Ion Ratio Lower Upper
96 100
61 137.5 0.0 286.0
98 45.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 54.536 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033197.D

Acq: 02 Dec 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

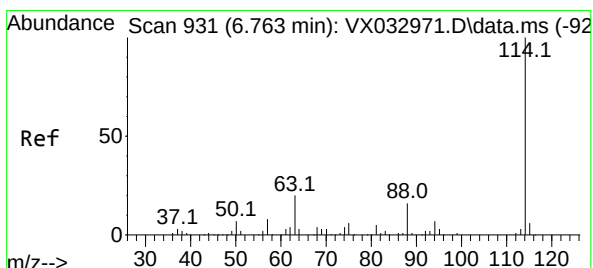
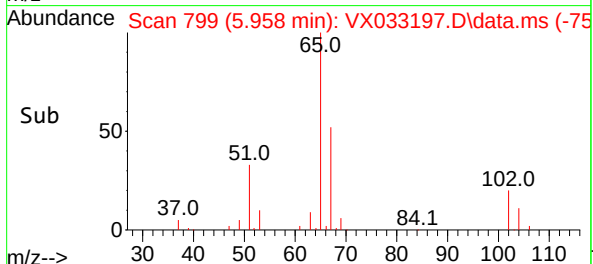
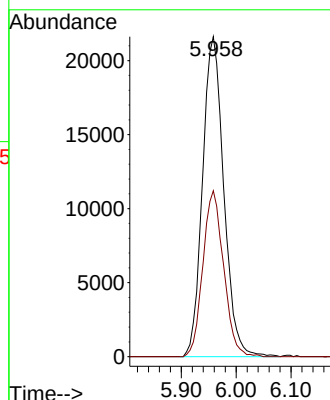
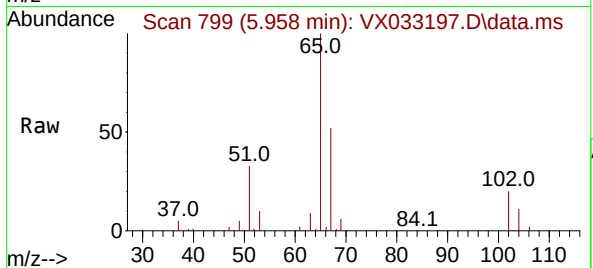
LEA-12I

Tgt Ion: 65 Resp: 58187

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033197.D

Acq: 02 Dec 2022 19:39

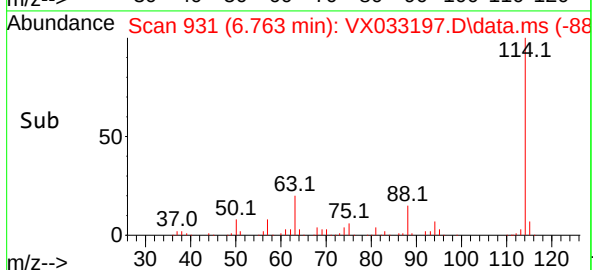
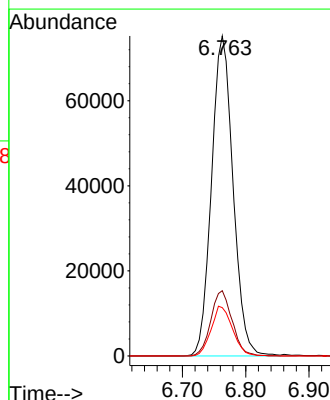
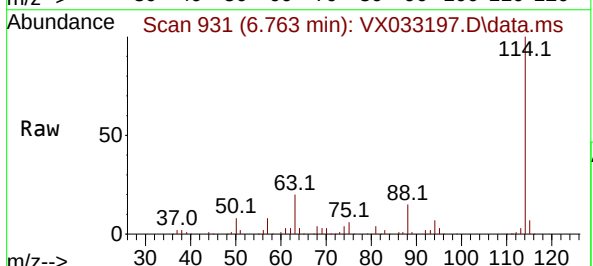
Tgt Ion: 114 Resp: 177999

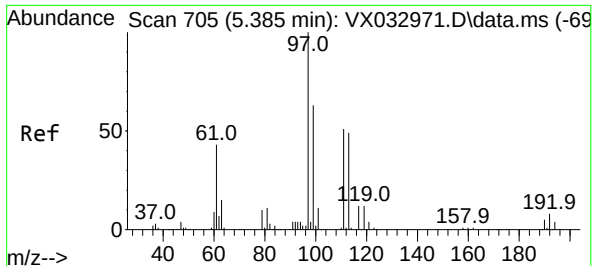
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.1 0.0 33.4

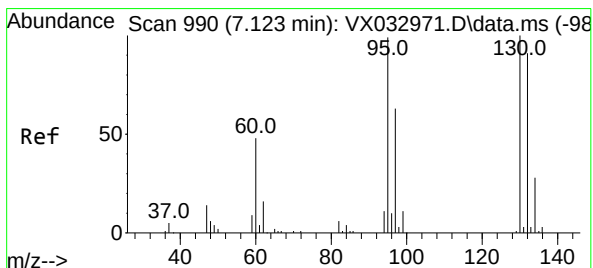
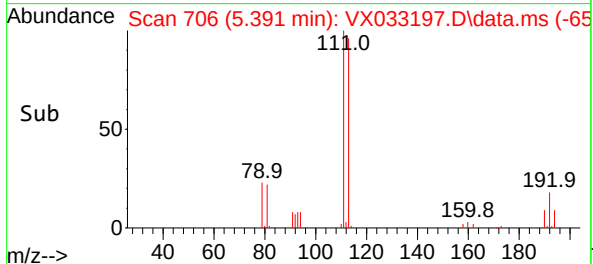
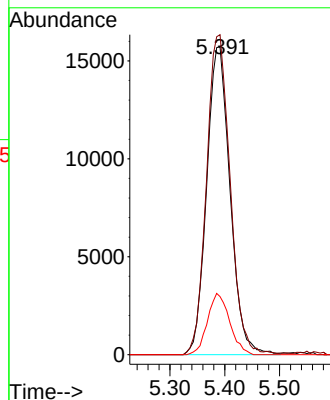
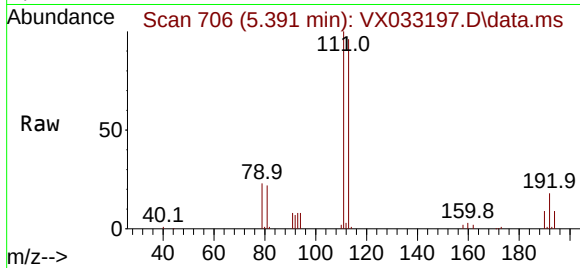




#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033197.D
Acq: 02 Dec 2022 19:39

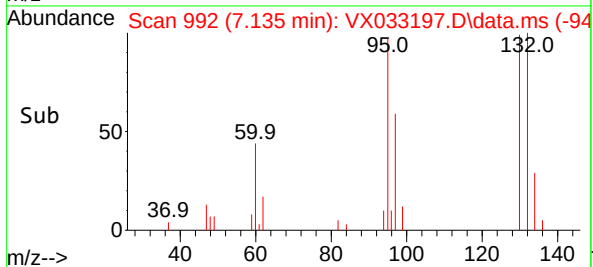
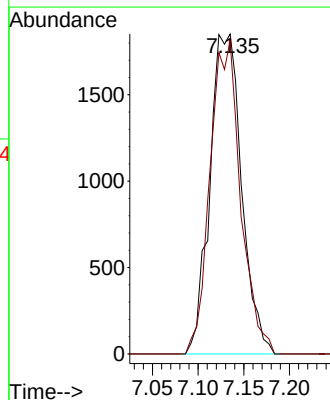
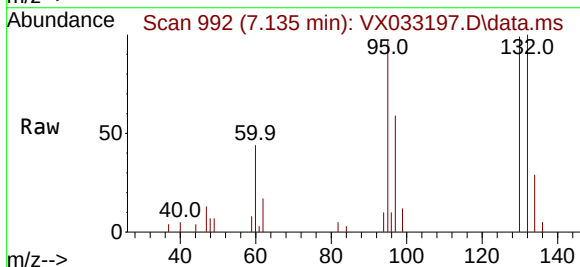
Instrument :
MSVOA_X
ClientSampleId :
LEA-12I

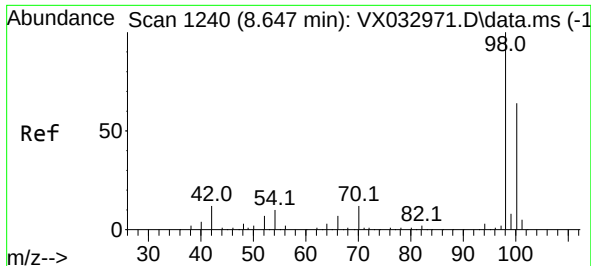
Tgt Ion:113 Resp: 46648
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 18.8 15.4 23.2



#44
Trichloroethene
Concen: 3.550 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX033197.D
Acq: 02 Dec 2022 19:39

Tgt Ion:130 Resp: 4481
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.2





#50

Toluene-d8

Concen: 51.311 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033197.D

Acq: 02 Dec 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

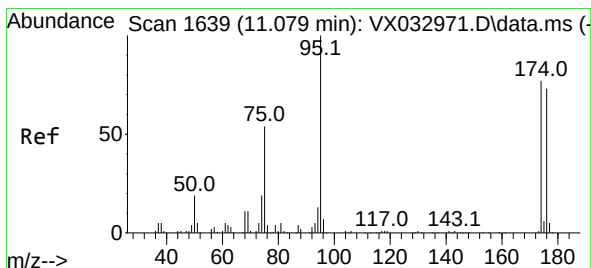
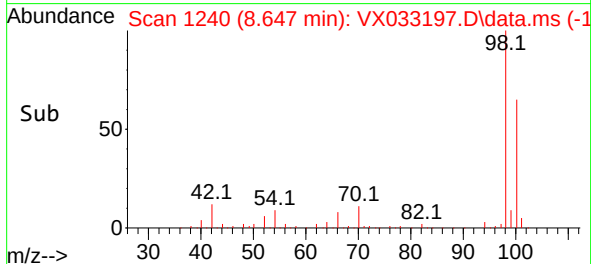
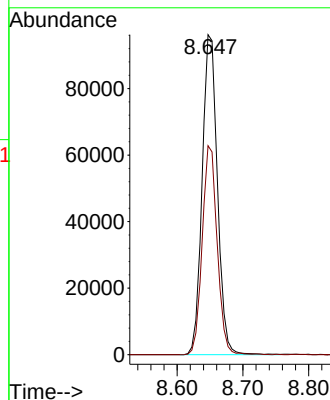
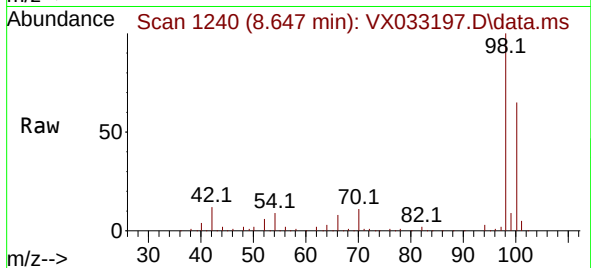
LEA-12I

Tgt Ion: 98 Resp: 154753

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.127 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033197.D

Acq: 02 Dec 2022 19:39

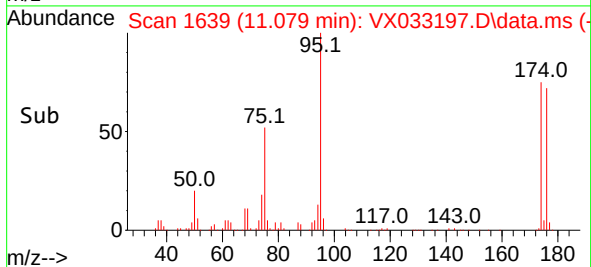
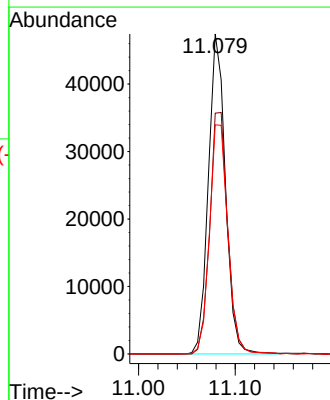
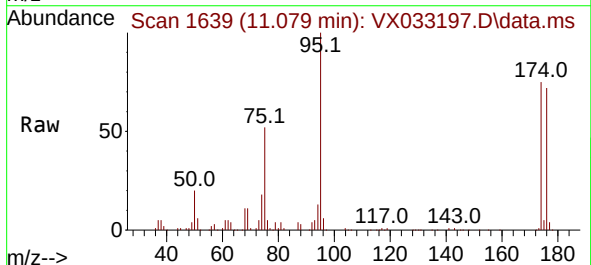
Tgt Ion: 95 Resp: 58168

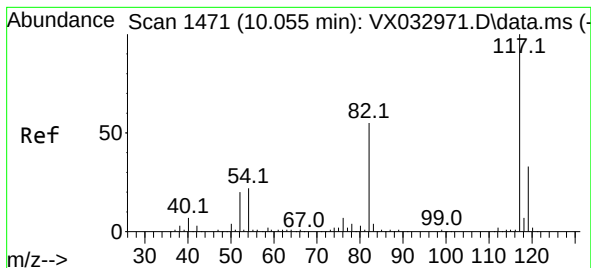
Ion Ratio Lower Upper

95 100

174 79.6 0.0 164.0

176 77.2 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033197.D

Acq: 02 Dec 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

LEA-12I

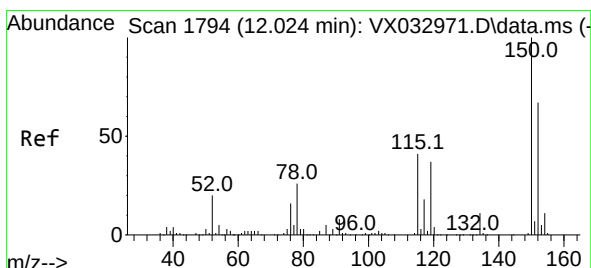
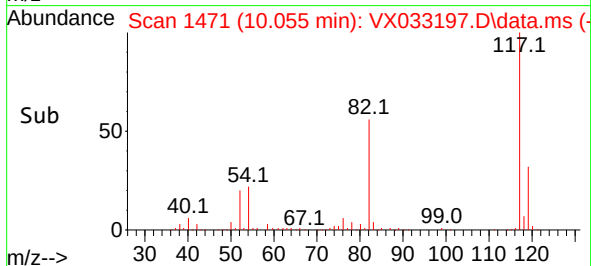
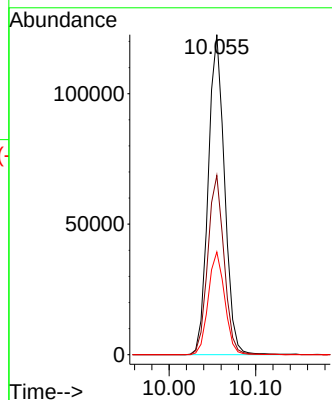
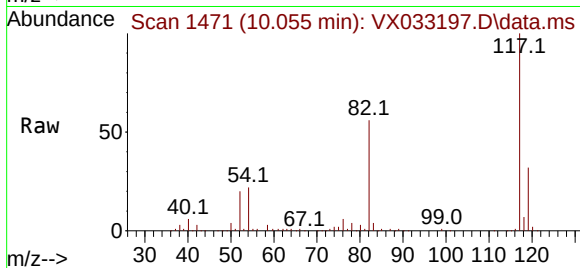
Tgt Ion:117 Resp: 160474

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

119 32.1 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: VX033197.D

Acq: 02 Dec 2022 19:39

Tgt Ion:152 Resp: 73111

Ion Ratio Lower Upper

152 100

115 61.3 44.0 132.0

150 155.7 0.0 351.8

