

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038531.D
 Acq On : 26 Oct 2023 20:25
 Operator : JC/MD
 Sample : 05063-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5SR

Quant Time: Oct 27 05:23:02 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)

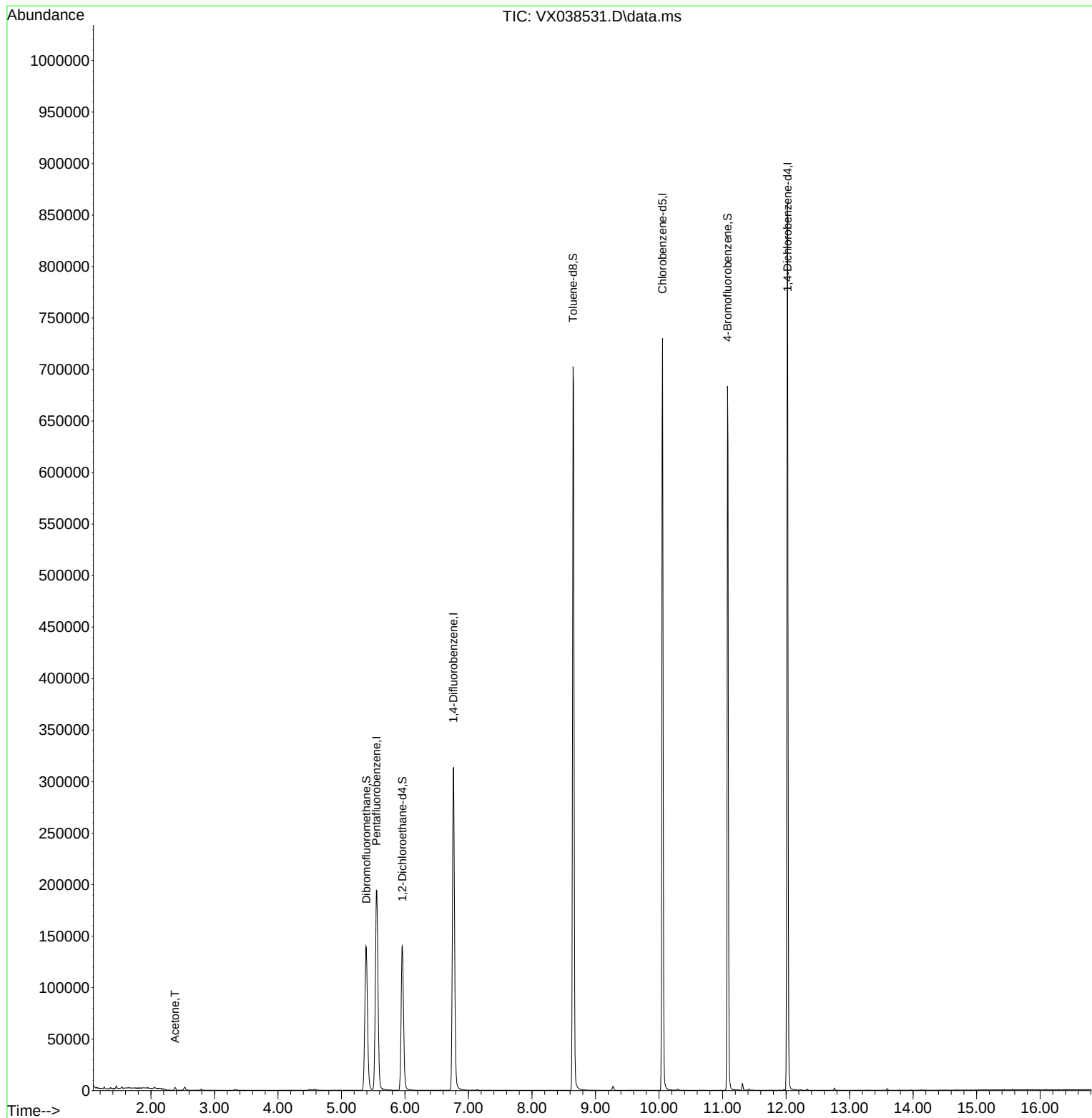
Internal Standards						
1) Pentafluorobenzene	5.550	168	195963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	333320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135218	42.900	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.800%
35) Dibromofluoromethane	5.391	113	122248	50.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.647	98	446781	48.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	179039	51.457	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.920%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2988	2.271	ug/l	# 80

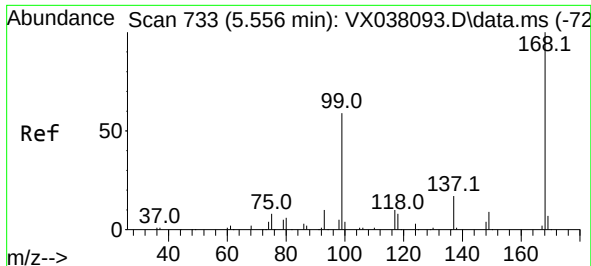
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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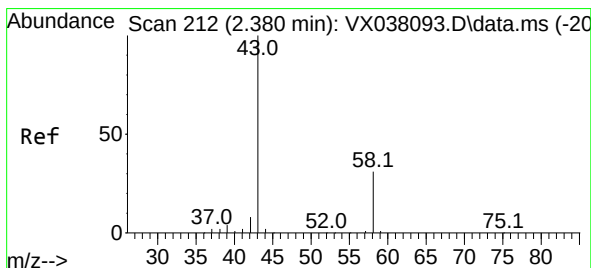
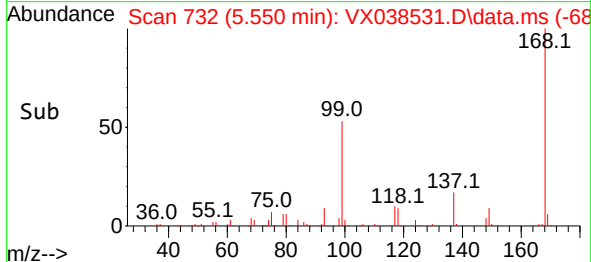
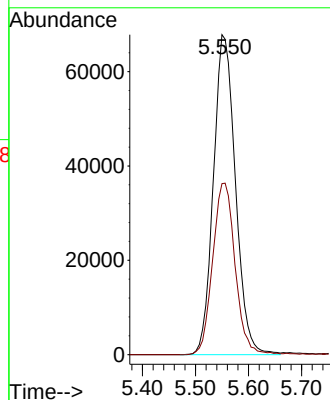
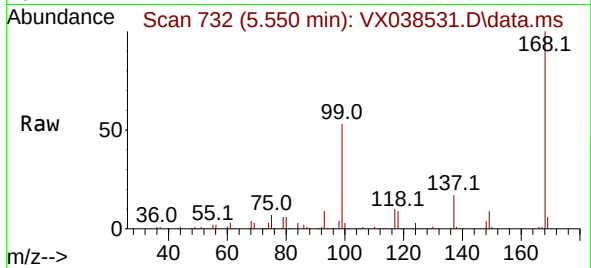




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

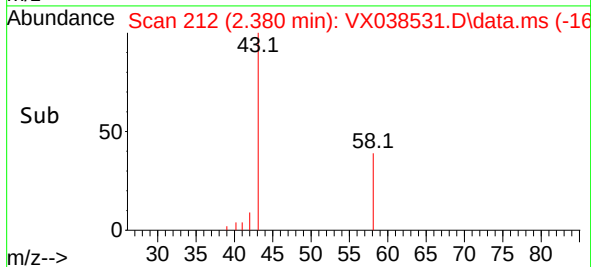
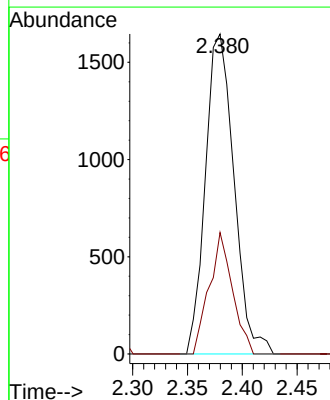
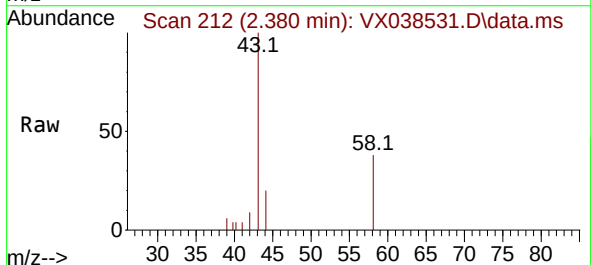
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

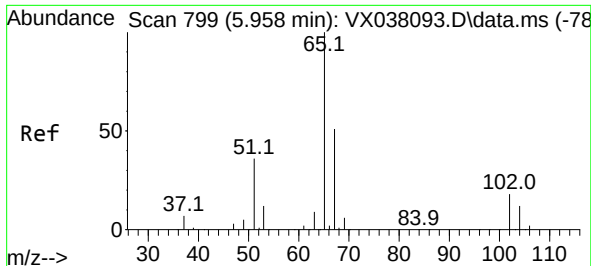
Tgt Ion:168 Resp: 195963
Ion Ratio Lower Upper
168 100
99 53.5 56.6 85.0#



#16
Acetone
Concen: 2.271 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 42.900 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038531.D

Acq: 26 Oct 2023 20:25

Instrument :

MSVOA_X

ClientSampleId :

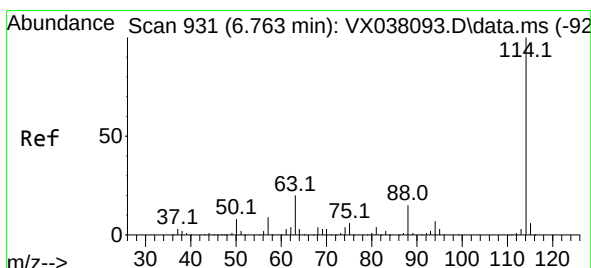
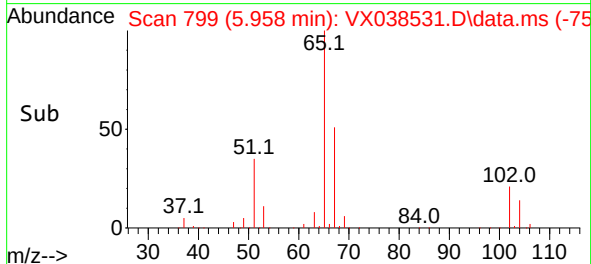
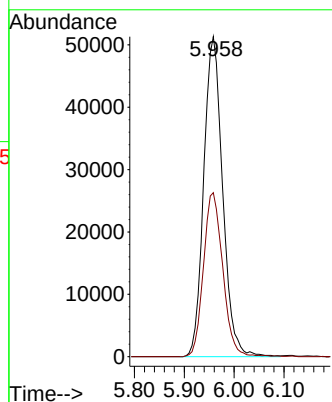
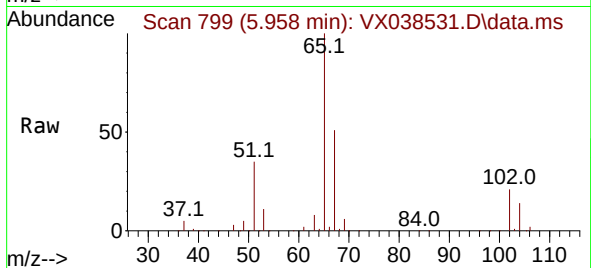
LEA-5SR

Tgt Ion: 65 Resp: 135218

Ion Ratio Lower Upper

65 100

67 52.3 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: VX038531.D

Acq: 26 Oct 2023 20:25

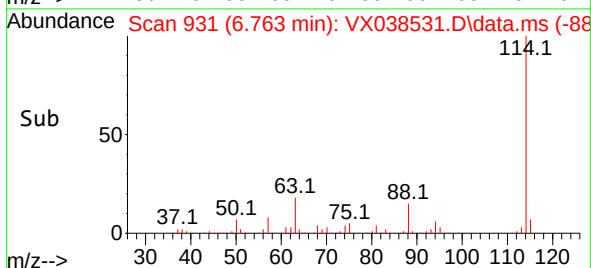
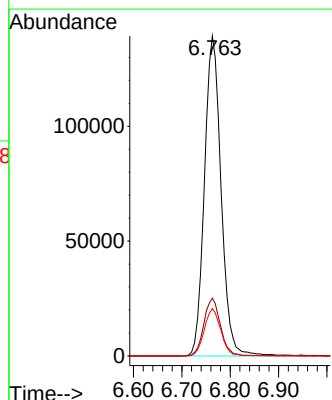
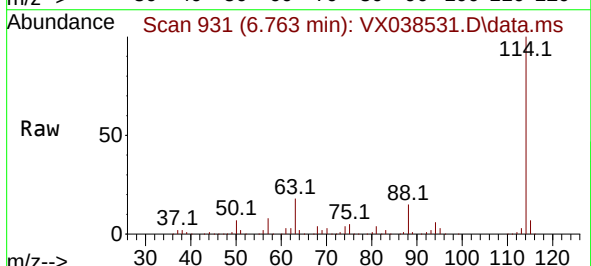
Tgt Ion: 114 Resp: 333320

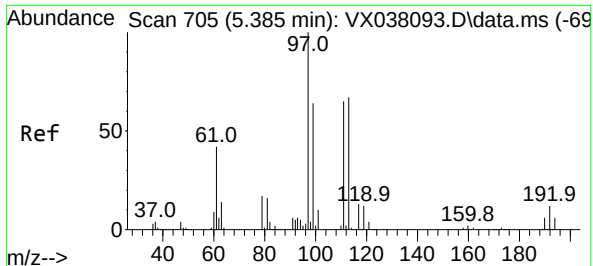
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.899 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038531.D

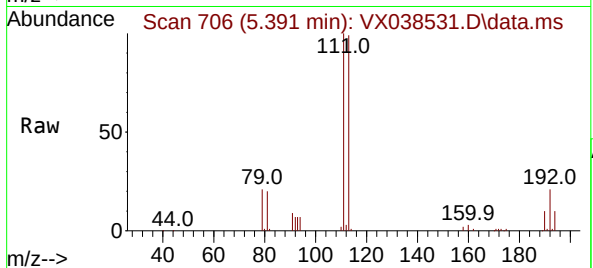
Acq: 26 Oct 2023 20:25

Instrument :

MSVOA_X

ClientSampleId :

LEA-5SR



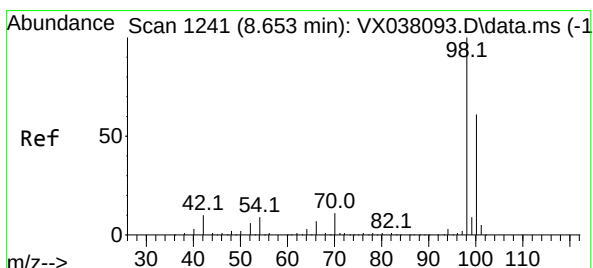
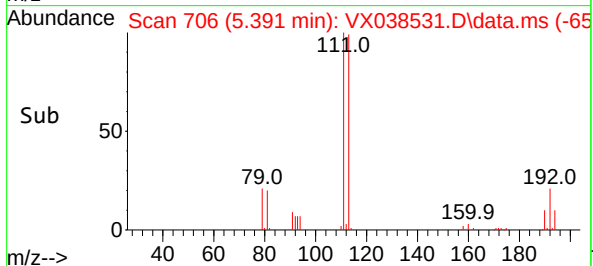
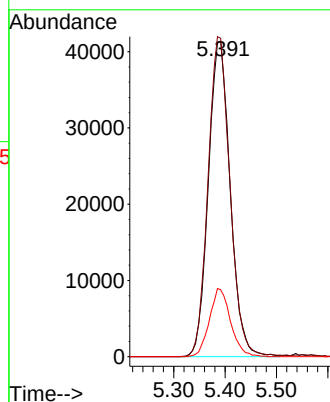
Tgt Ion:113 Resp: 122248

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 20.9 13.3 19.9#



#50

Toluene-d8

Concen: 48.681 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038531.D

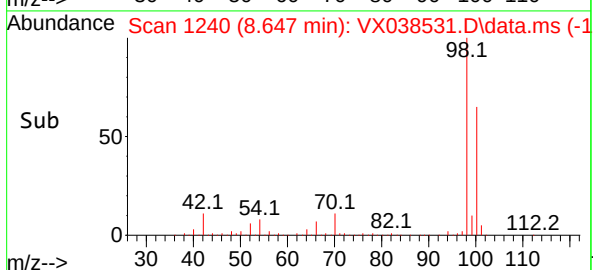
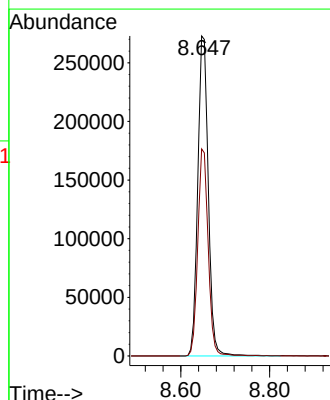
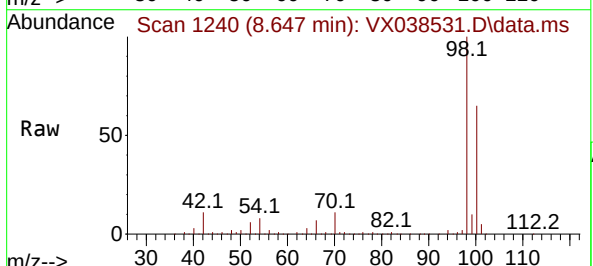
Acq: 26 Oct 2023 20:25

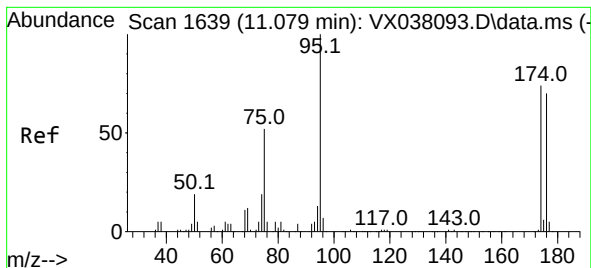
Tgt Ion: 98 Resp: 446781

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

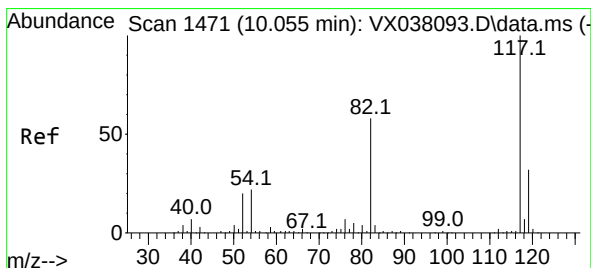
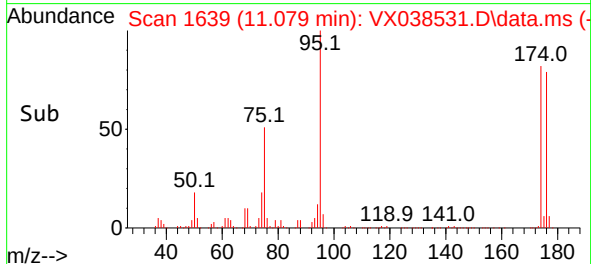
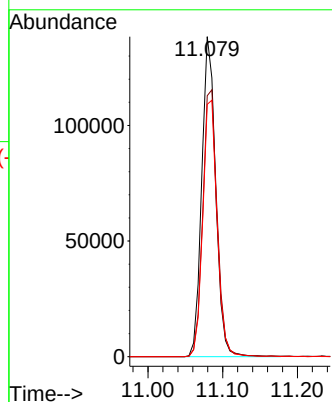
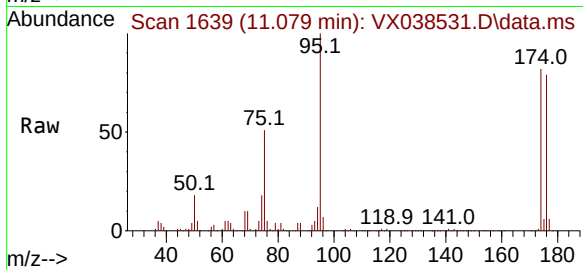




#62
4-Bromofluorobenzene
Concen: 51.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

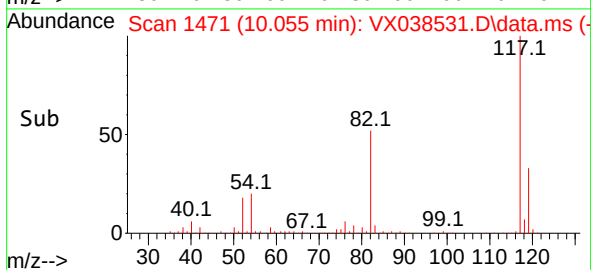
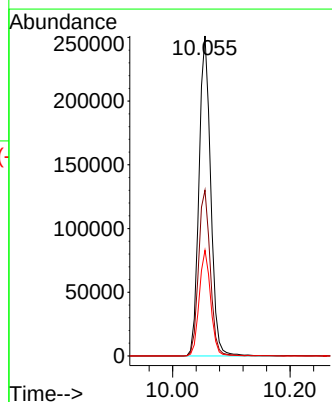
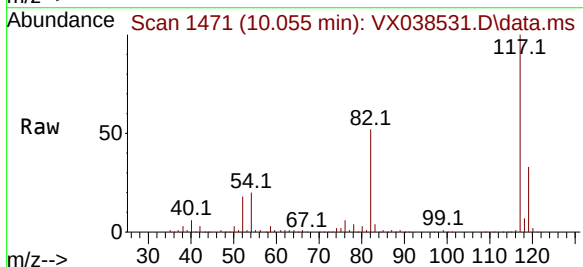
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

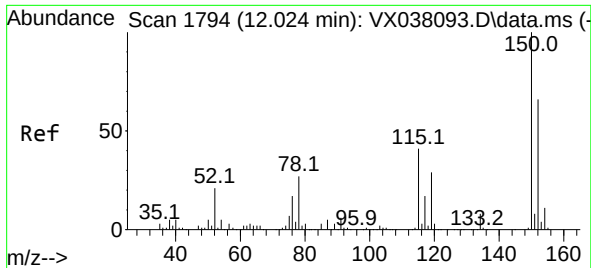
Tgt Ion: 95 Resp: 179039
Ion Ratio Lower Upper
95 100
174 86.7 0.0 135.6
176 83.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 117 Resp: 347223
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 33.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038531.D
 Acq: 26 Oct 2023 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5SR

Tgt Ion:152 Resp: 190725
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.9
 150 156.2 0.0 345.0

