

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038454.D
 Acq On : 24 Oct 2023 14:45
 Operator : JC/MD
 Sample : 04975-03 10X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61

Quant Time: Oct 25 06:08:10 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)

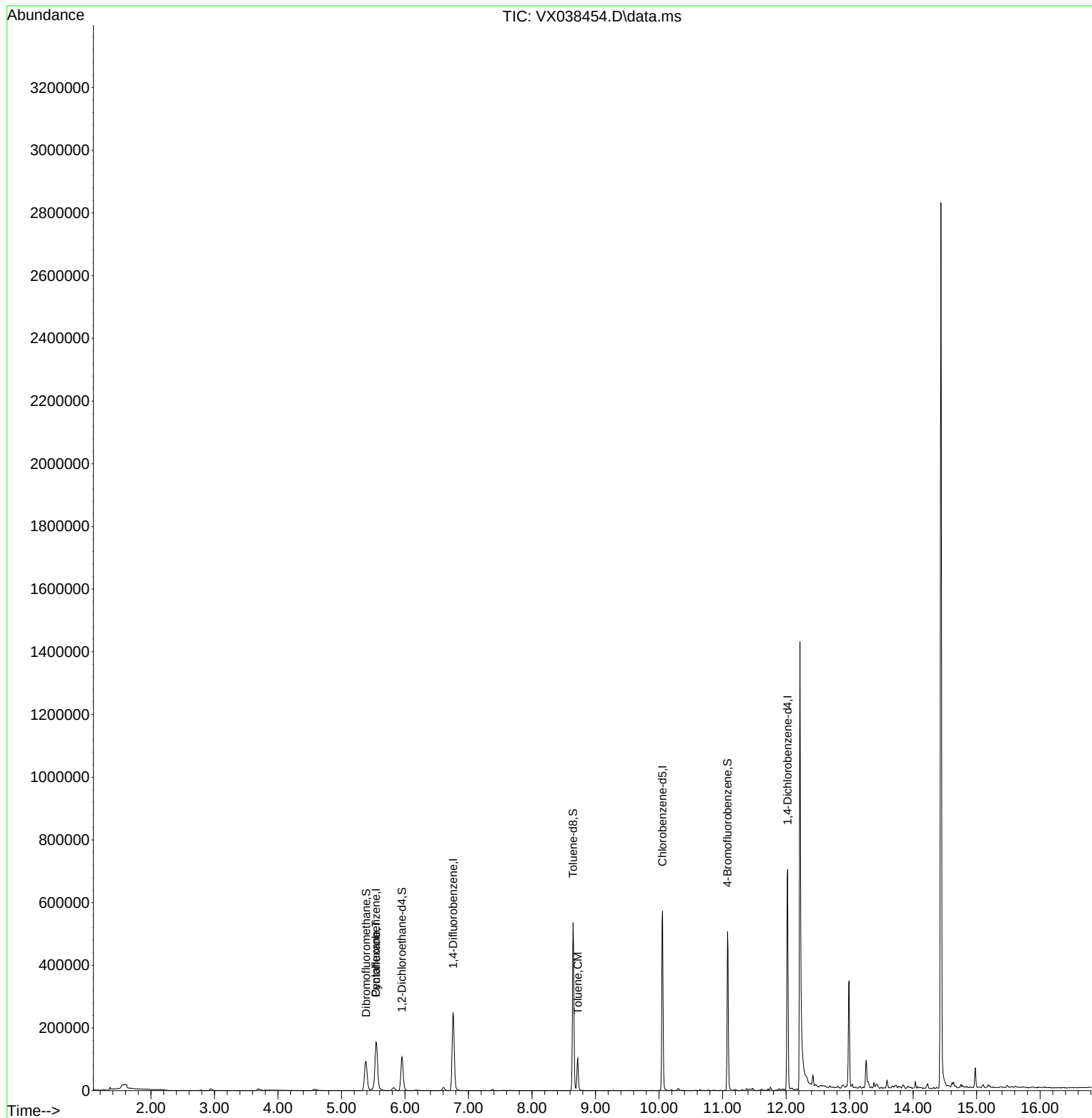
Internal Standards						
1) Pentafluorobenzene	5.544	168	150307	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	266911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99972	41.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.700%
35) Dibromofluoromethane	5.385	113	83204	43.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.520%
50) Toluene-d8	8.647	98	325660	44.312	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.620%#
62) 4-Bromofluorobenzene	11.079	95	129603	46.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						Qvalue
31) Cyclohexane	5.544	56	5254	2.006	ug/l #	43
52) Toluene	8.720	92	38417	7.950	ug/l	91

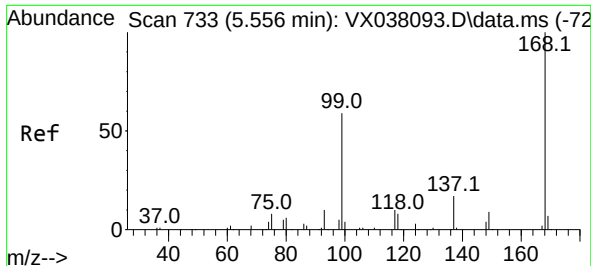
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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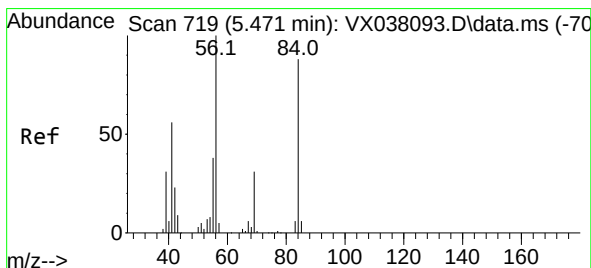
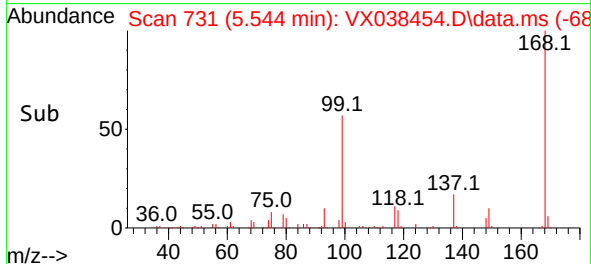
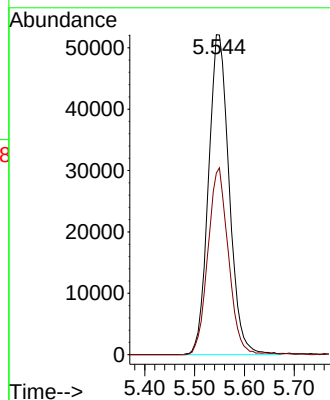
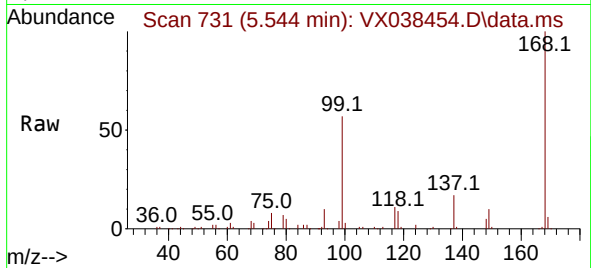




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX038454.D
Acq: 24 Oct 2023 14:45

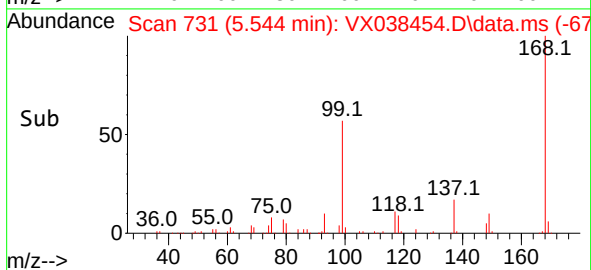
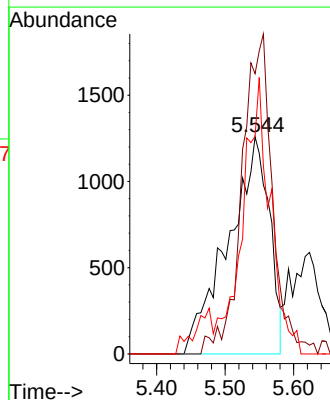
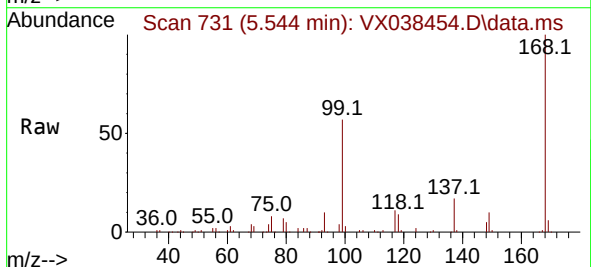
Instrument :
MSVOA_X
ClientSampleId :
61

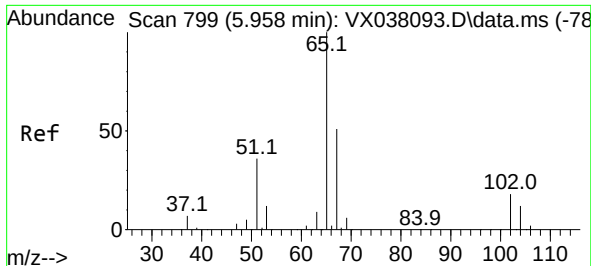
Tgt Ion:168 Resp: 150307
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#31
Cyclohexane
Concen: 2.006 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038454.D
Acq: 24 Oct 2023 14:45

Tgt Ion: 56 Resp: 5254
Ion Ratio Lower Upper
56 100
69 129.1 23.4 35.2#
84 91.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 41.352 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038454.D

Acq: 24 Oct 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

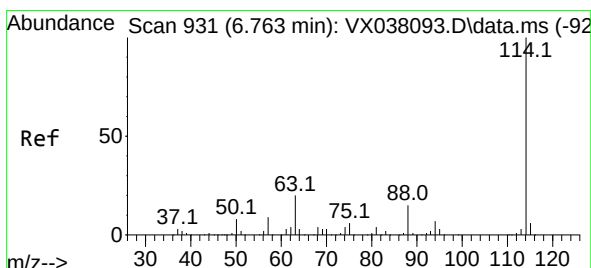
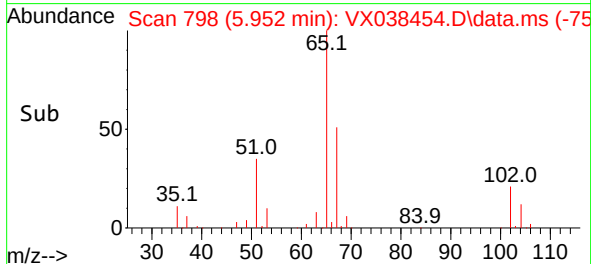
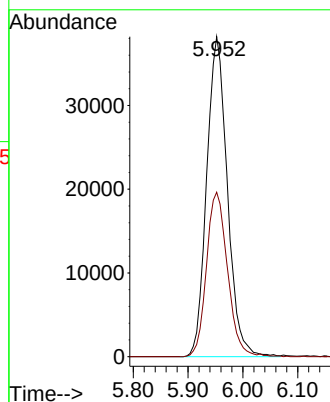
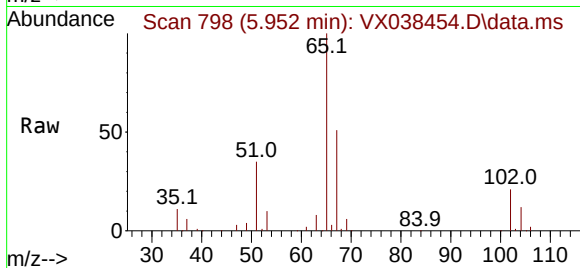
61

Tgt Ion: 65 Resp: 99972

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038454.D

Acq: 24 Oct 2023 14:45

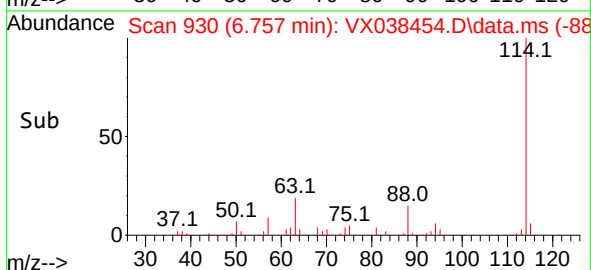
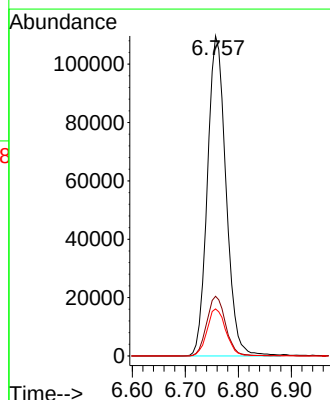
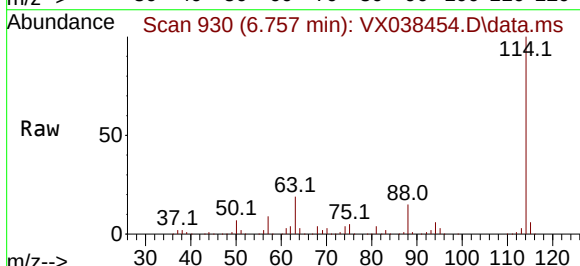
Tgt Ion: 114 Resp: 266911

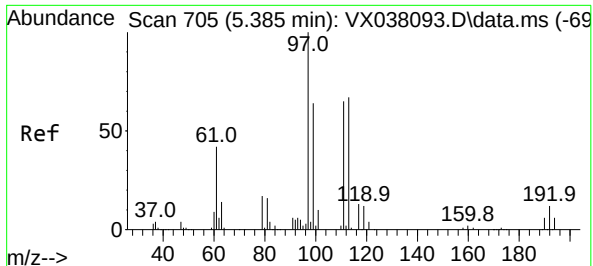
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.262 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038454.D

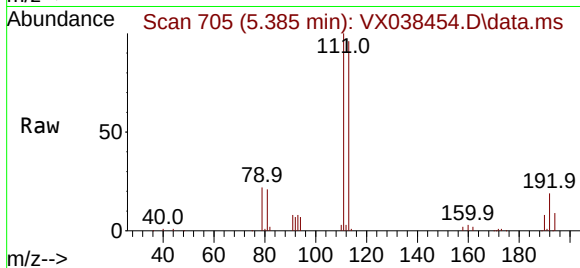
Acq: 24 Oct 2023 14:45

Instrument :

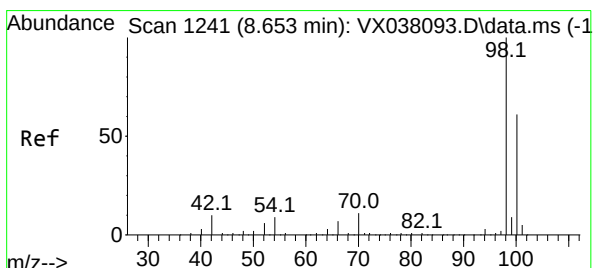
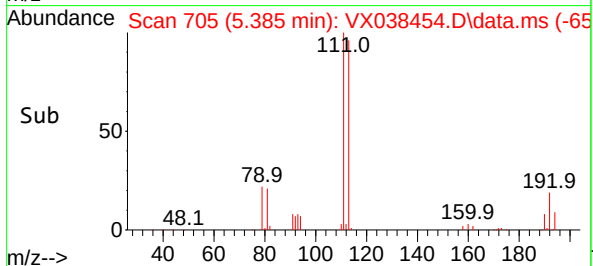
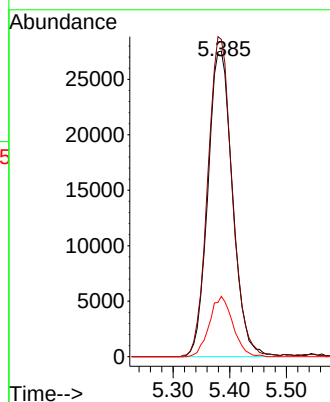
MSVOA_X

ClientSampleId :

61



Tgt Ion:	113	Resp:	83204
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.8	13.3	19.9



#50

Toluene-d8

Concen: 44.312 ug/l

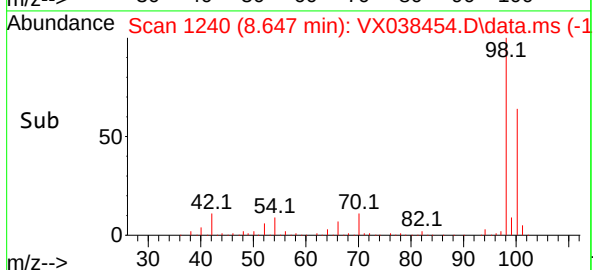
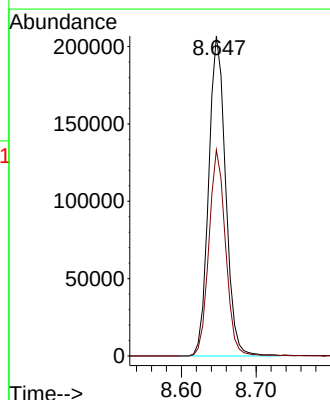
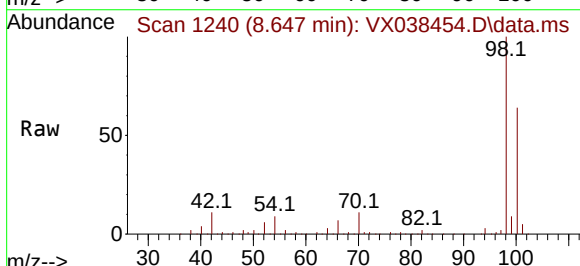
RT: 8.647 min Scan# 1240

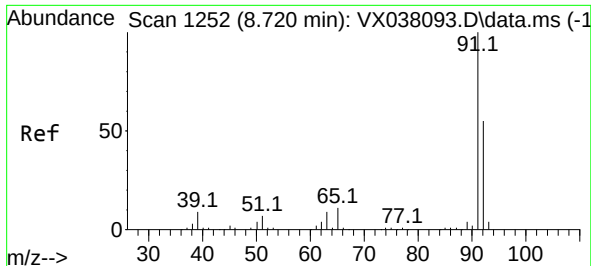
Delta R.T. -0.006 min

Lab File: VX038454.D

Acq: 24 Oct 2023 14:45

Tgt Ion:	98	Resp:	325660
Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.1	79.7

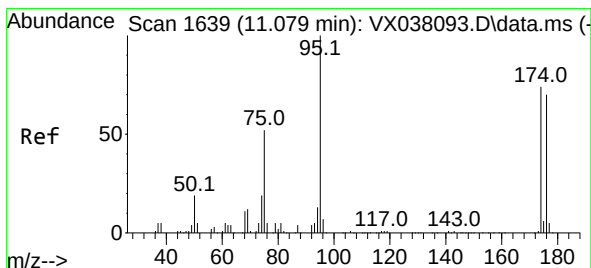
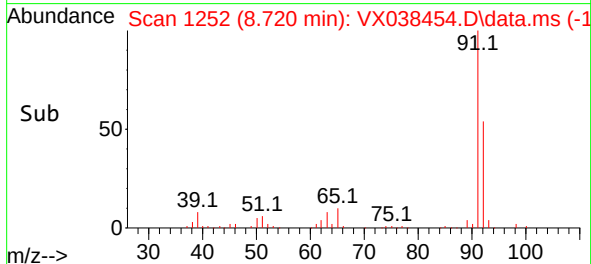
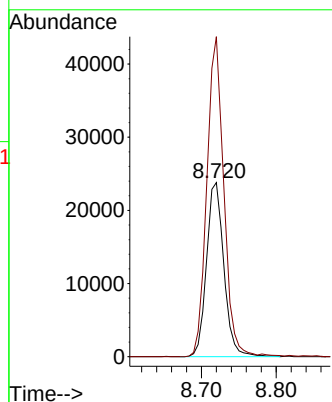
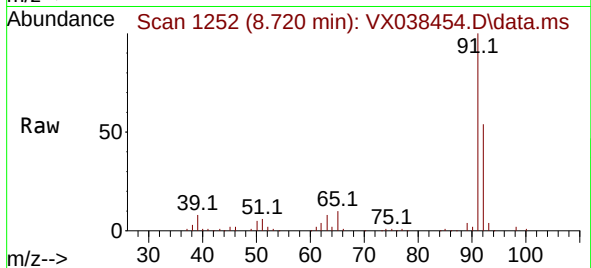




#52
Toluene
Concen: 7.950 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038454.D
Acq: 24 Oct 2023 14:45

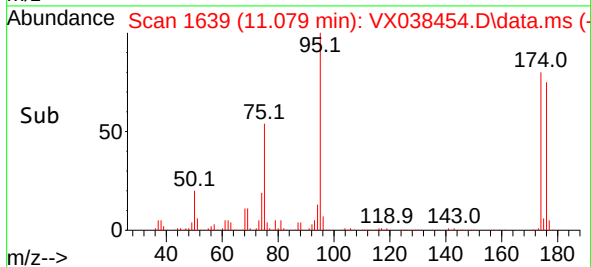
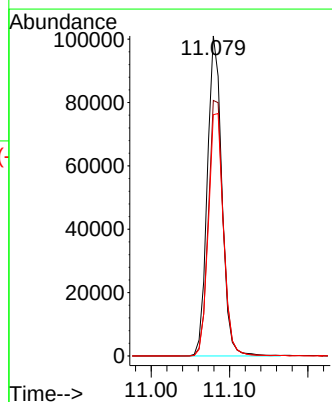
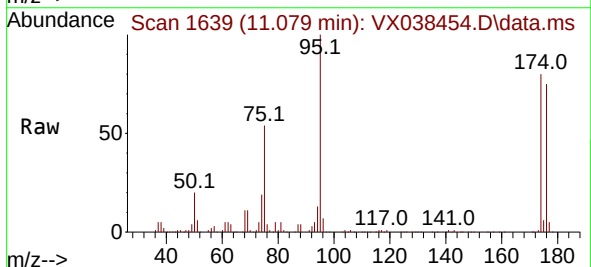
Instrument :
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61

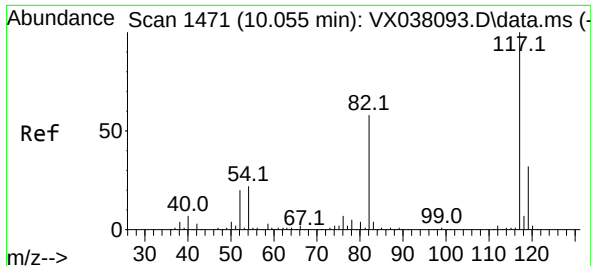
Tgt Ion: 92 Resp: 38417
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038454.D
Acq: 24 Oct 2023 14:45

Tgt Ion: 95 Resp: 129603
Ion Ratio Lower Upper
95 100
174 82.7 0.0 135.6
176 78.9 0.0 131.0

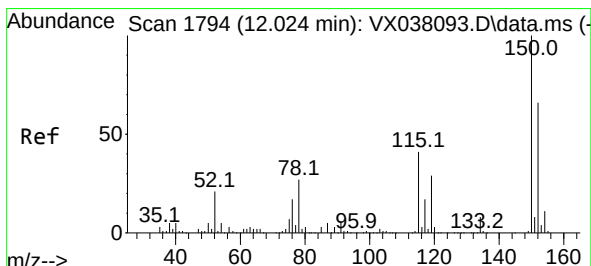
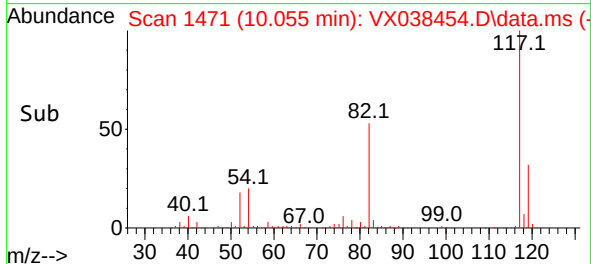
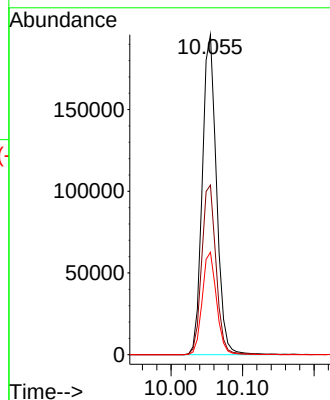
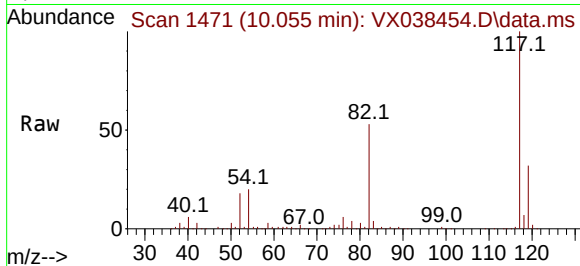




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038454.D
Acq: 24 Oct 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
61

Tgt Ion:117 Resp: 270411
Ion Ratio Lower Upper
117 100
82 53.0 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: VX038454.D
Acq: 24 Oct 2023 14:45

Tgt Ion:152 Resp: 151252
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 155.3 0.0 345.0

