

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038377.D
 Acq On : 19 Oct 2023 11:55
 Operator : JC/MD
 Sample : 04957-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-E

Quant Time: Oct 20 03:38:25 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)

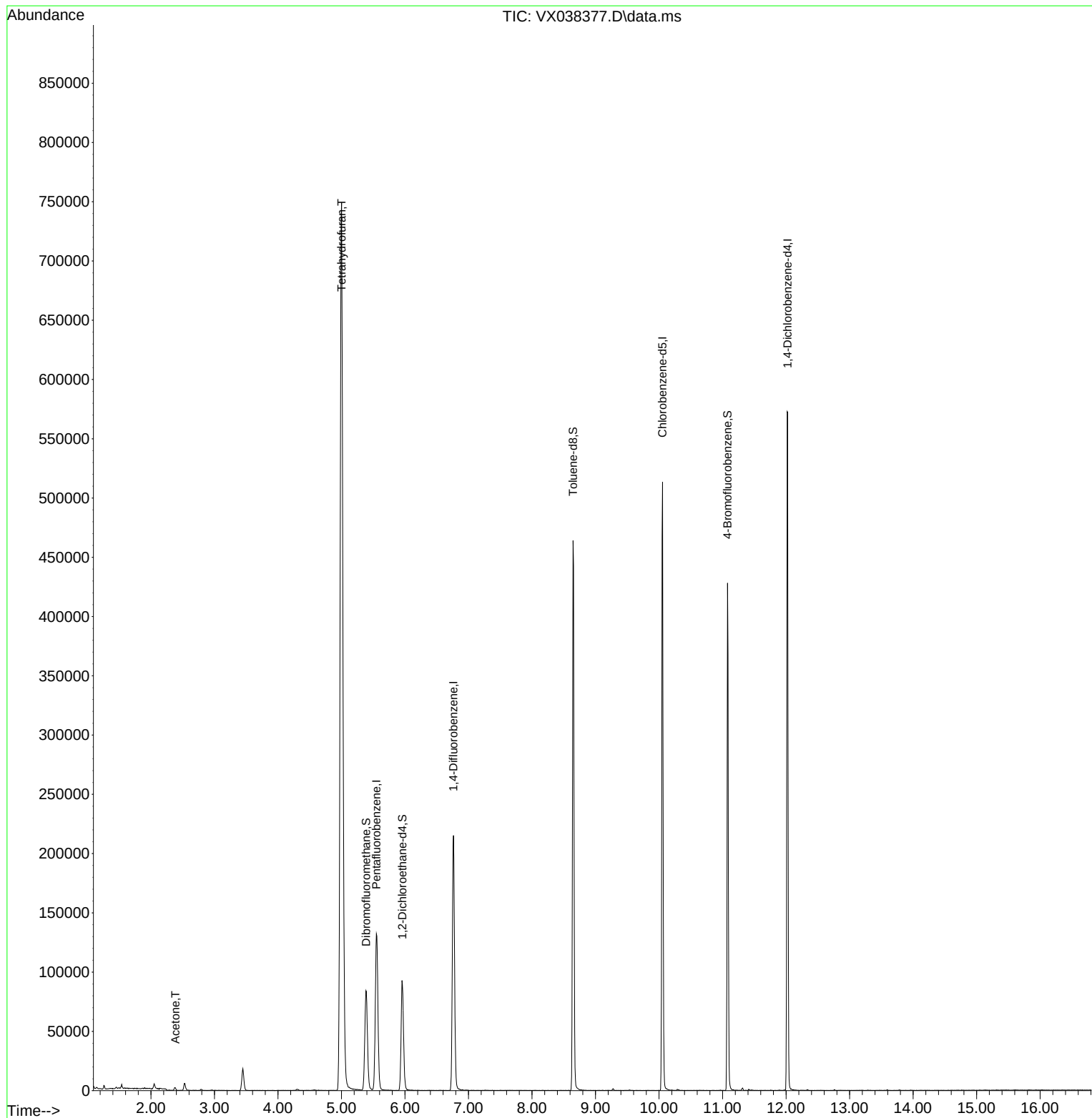
Internal Standards						
1) Pentafluorobenzene	5.550	168	126358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88741	43.663	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.320%
35) Dibromofluoromethane	5.385	113	71921	44.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.440%
50) Toluene-d8	8.647	98	278365	45.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.600%#
62) 4-Bromofluorobenzene	11.079	95	106049	45.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2539	2.993	ug/l	98
29) Tetrahydrofuran	5.001	42	654393	734.425	ug/l	88

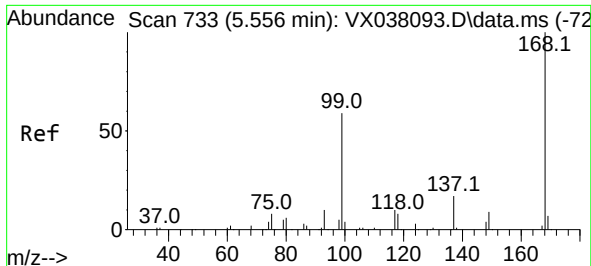
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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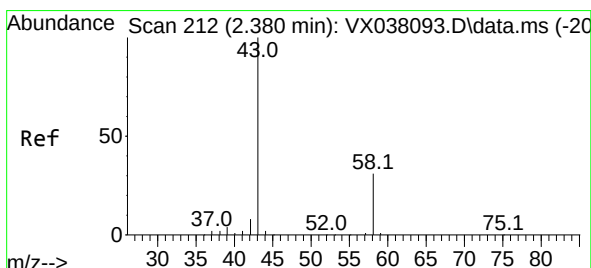
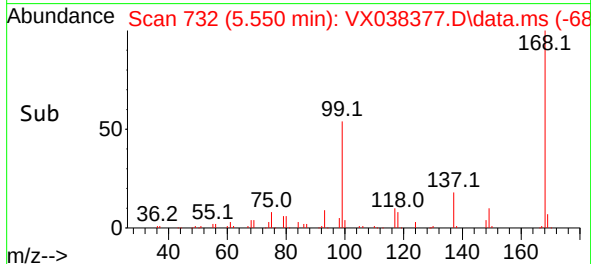
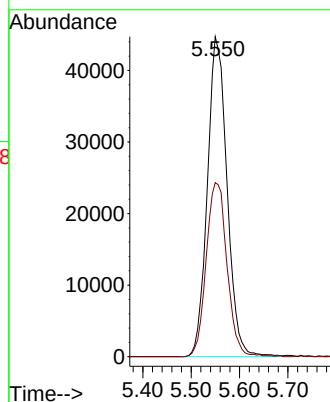
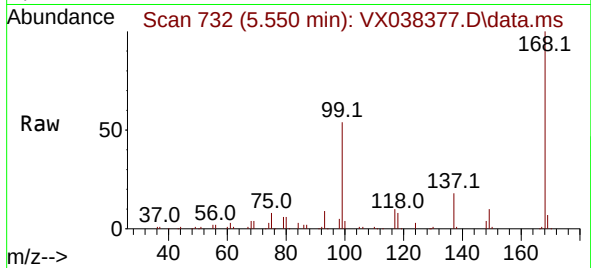




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038377.D
Acq: 19 Oct 2023 11:55

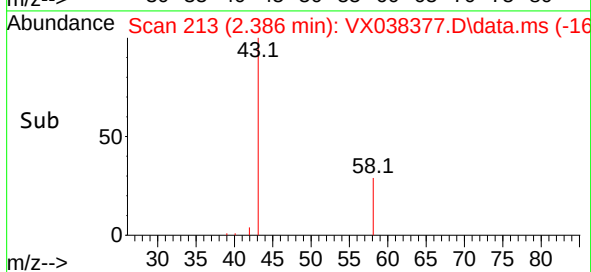
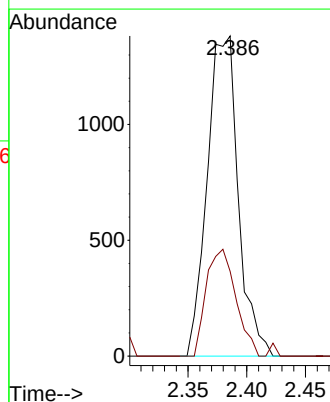
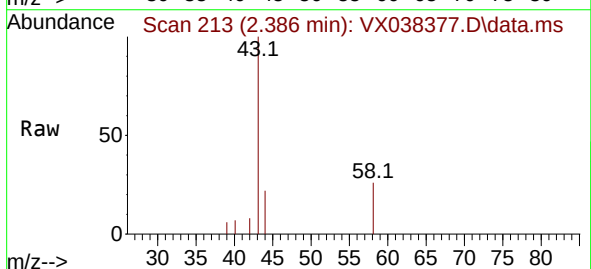
Instrument :
MSVOA_X
ClientSampleId :
MH-E

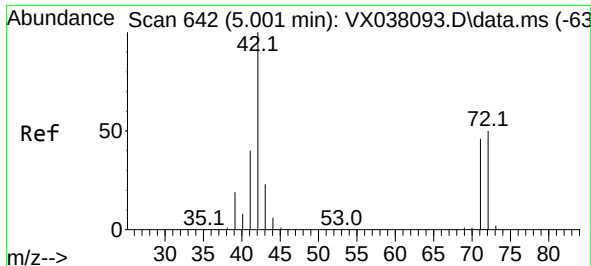
Tgt Ion:168 Resp: 126358
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#16
Acetone
Concen: 2.993 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038377.D
Acq: 19 Oct 2023 11:55

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9





#29

Tetrahydrofuran

Concen: 734.425 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038377.D

Acq: 19 Oct 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

MH-E

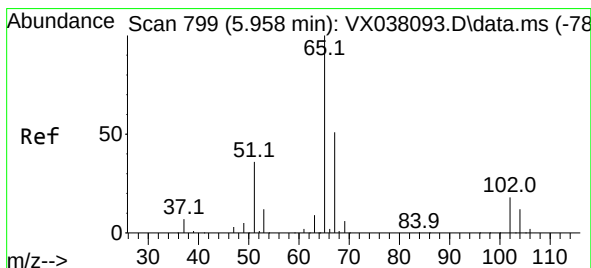
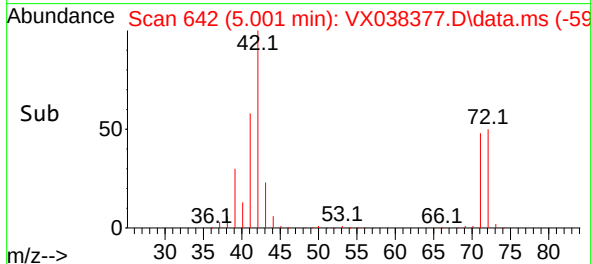
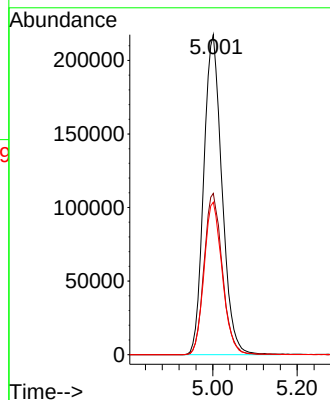
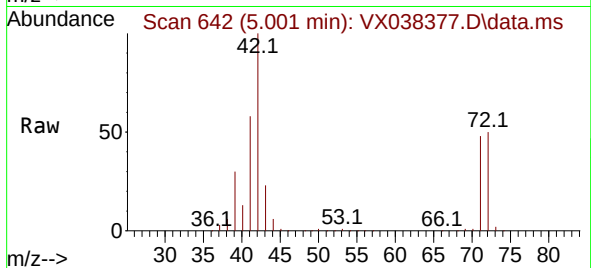
Tgt Ion: 42 Resp: 654393

Ion Ratio Lower Upper

42 100

72 50.5 34.2 51.4

71 47.6 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 43.663 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038377.D

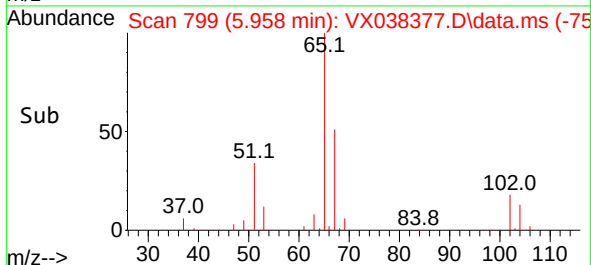
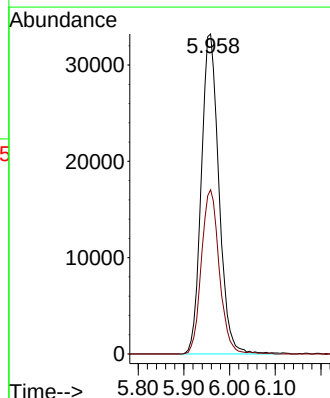
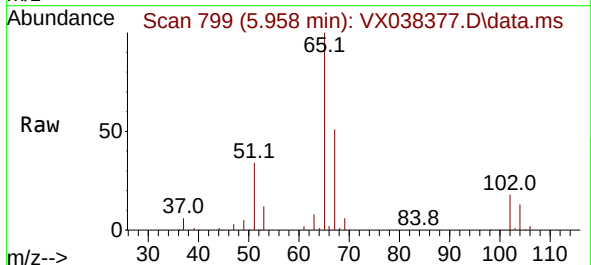
Acq: 19 Oct 2023 11:55

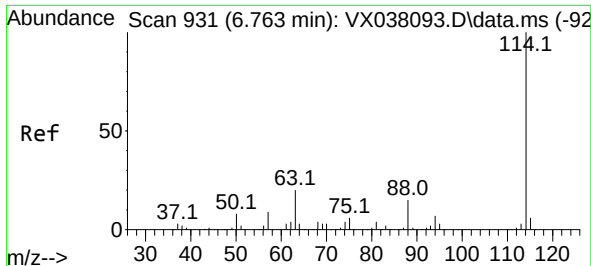
Tgt Ion: 65 Resp: 88741

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2

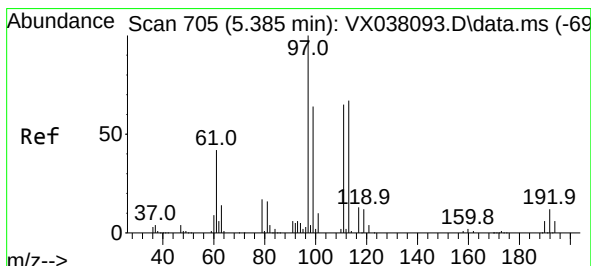
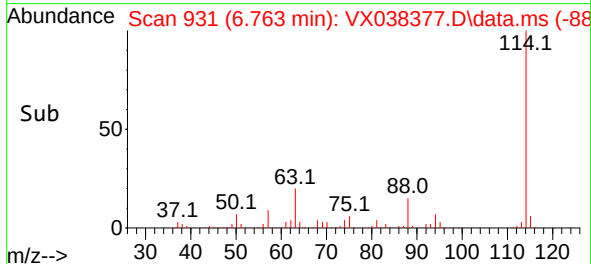
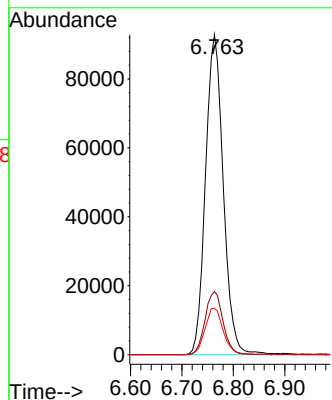
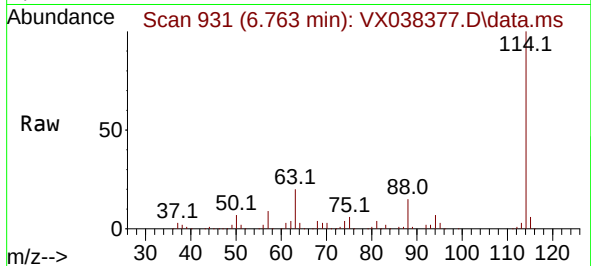




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038377.D
Acq: 19 Oct 2023 11:55

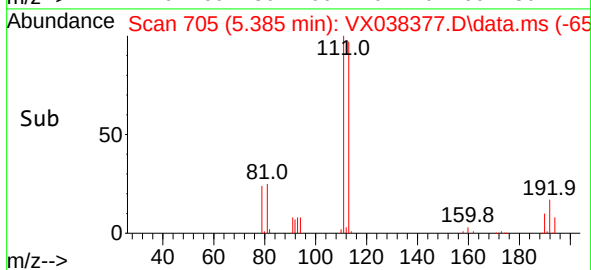
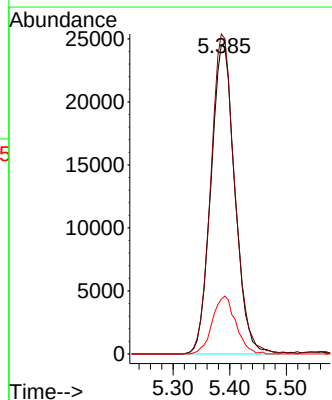
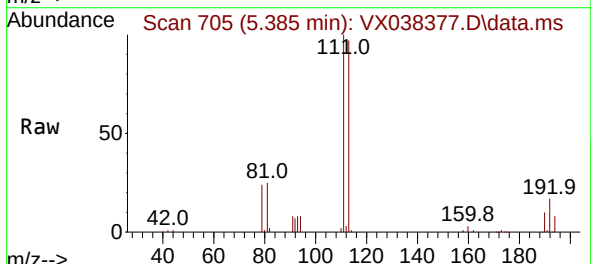
Instrument :
MSVOA_X
ClientSampleId :
MH-E

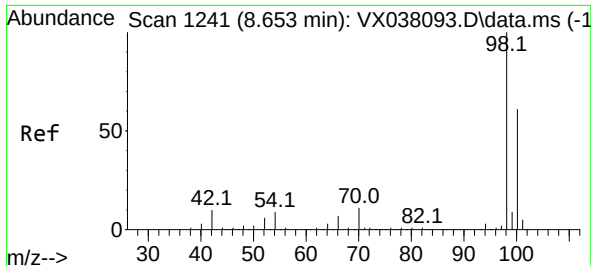
Tgt Ion:114 Resp: 223194
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038377.D
Acq: 19 Oct 2023 11:55

Tgt Ion:113 Resp: 71921
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.3 13.3 19.9





#50

Toluene-d8

Concen: 45.295 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038377.D

Acq: 19 Oct 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

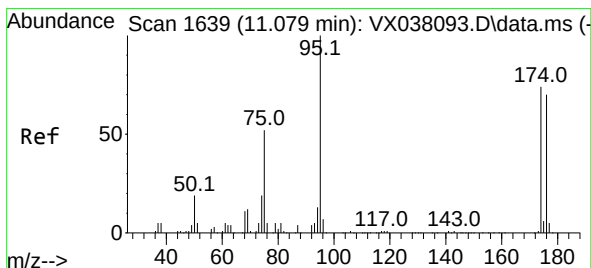
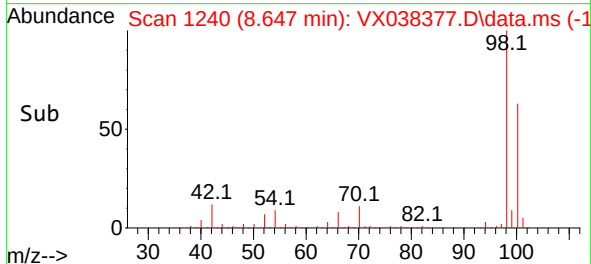
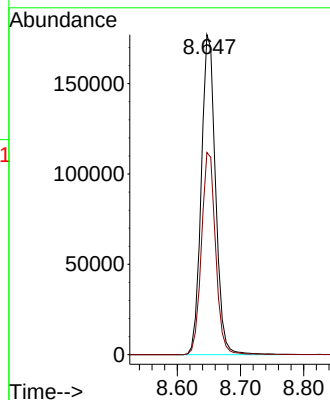
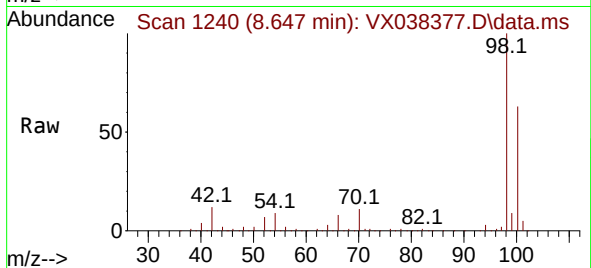
MH-E

Tgt Ion: 98 Resp: 278365

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.518 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038377.D

Acq: 19 Oct 2023 11:55

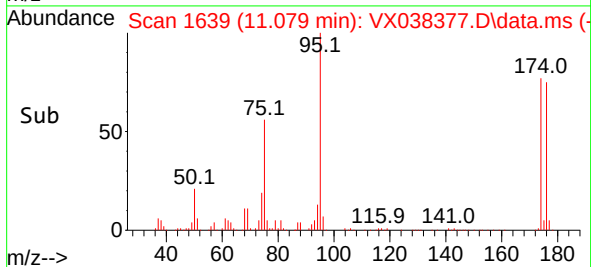
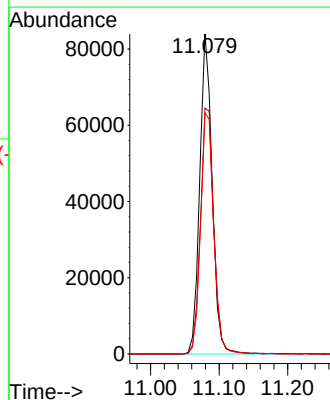
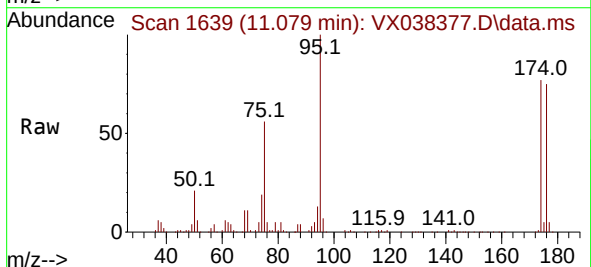
Tgt Ion: 95 Resp: 106049

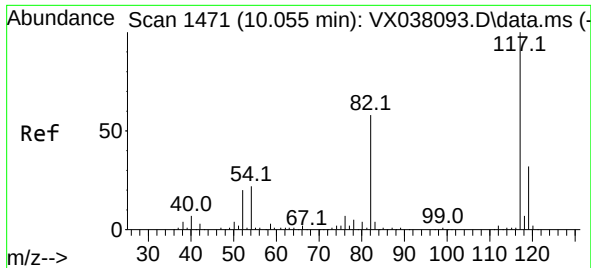
Ion Ratio Lower Upper

95 100

174 82.3 0.0 135.6

176 79.9 0.0 131.0

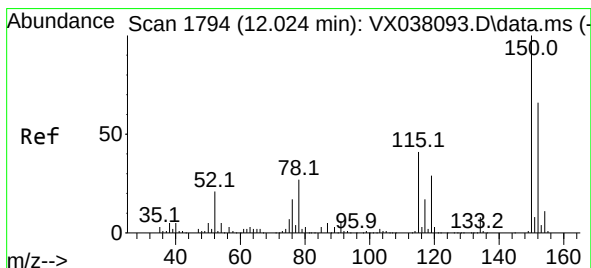
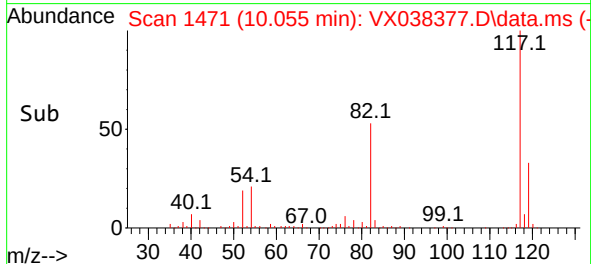
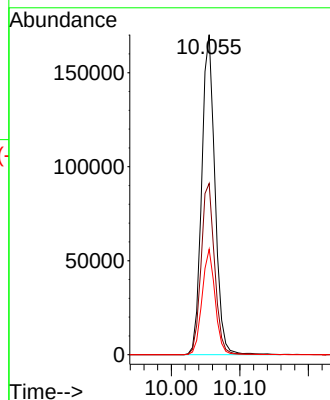
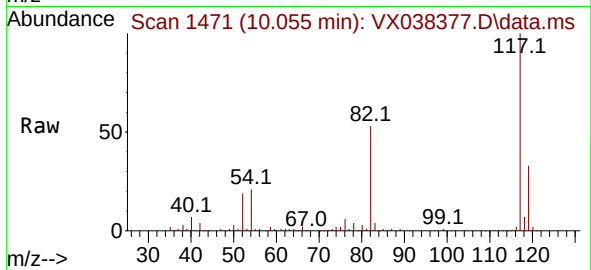




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038377.D
Acq: 19 Oct 2023 11:55

Instrument :
MSVOA_X
ClientSampleId :
MH-E

Tgt Ion:117 Resp: 229423
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.9 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: VX038377.D
Acq: 19 Oct 2023 11:55

Tgt Ion:152 Resp: 120741
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 156.2 0.0 345.0

