

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041809.D
 Acq On : 10 Jun 2024 14:44
 Operator : JC/MD
 Sample : P2767-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2

Quant Time: Jun 11 03:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

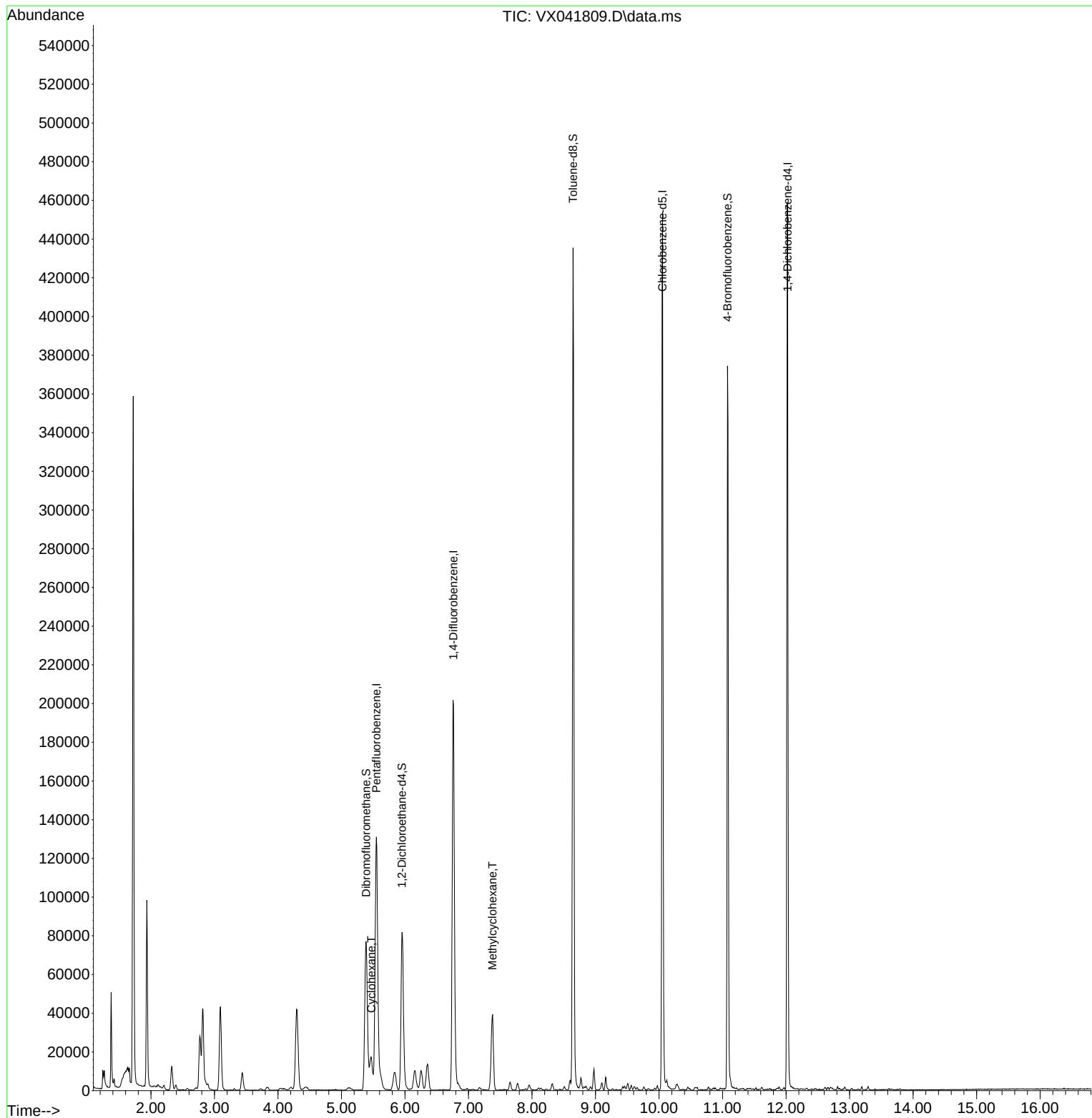
Internal Standards						
1) Pentafluorobenzene	5.550	168	137847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83047	49.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.240%
35) Dibromofluoromethane	5.385	113	67136	45.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.647	98	257667	49.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	96847	50.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.760%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	10746	5.384	ug/l	98
39) Methylcyclohexane	7.379	83	16359	7.377	ug/l	95

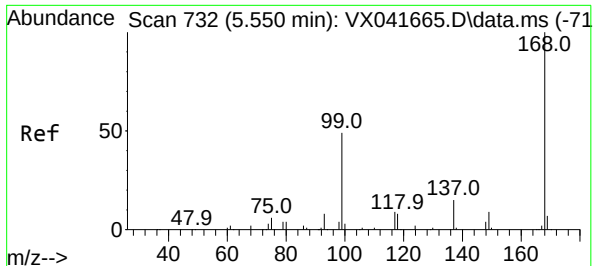
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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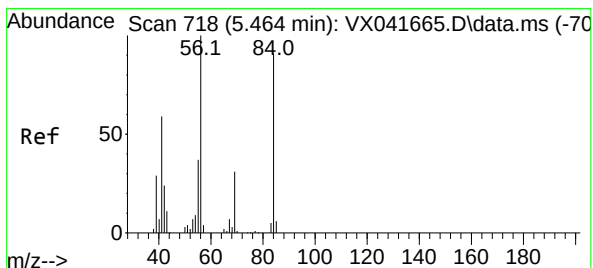
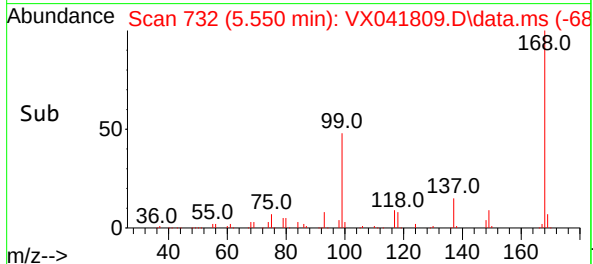
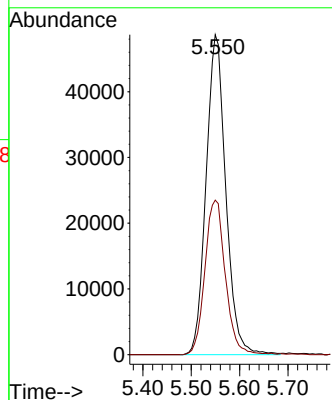
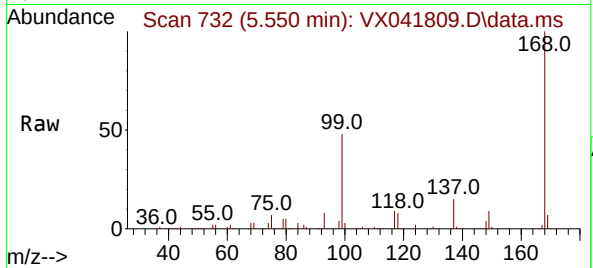




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

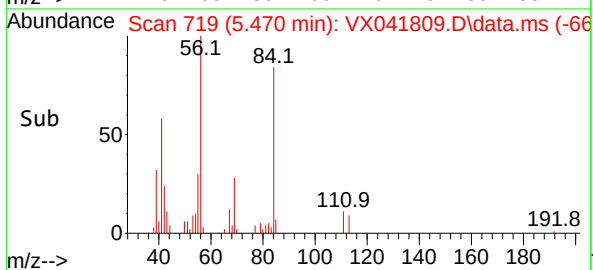
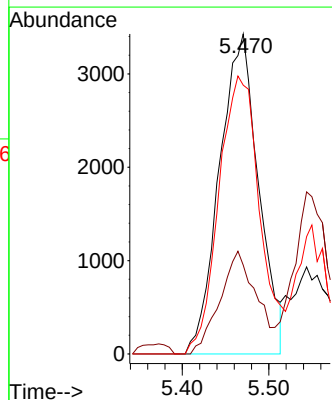
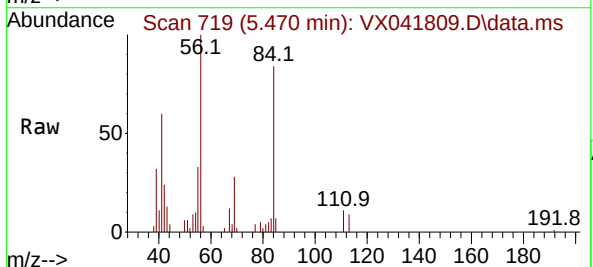
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

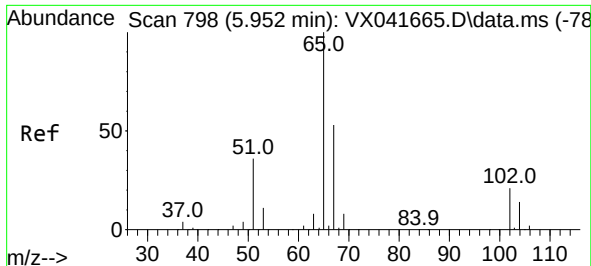
Tgt Ion:168 Resp: 137847
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#31
Cyclohexane
Concen: 5.384 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 56 Resp: 10746
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.2
84 84.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 49.121 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

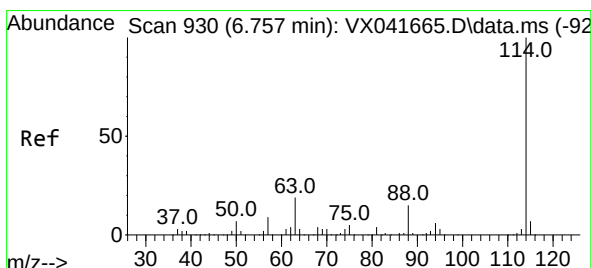
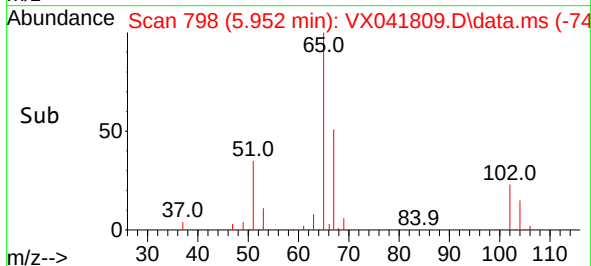
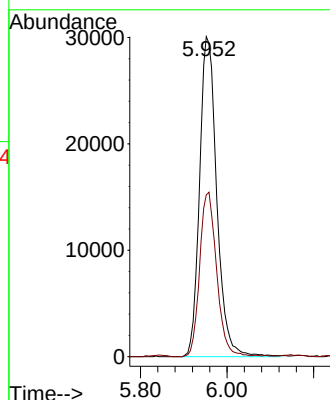
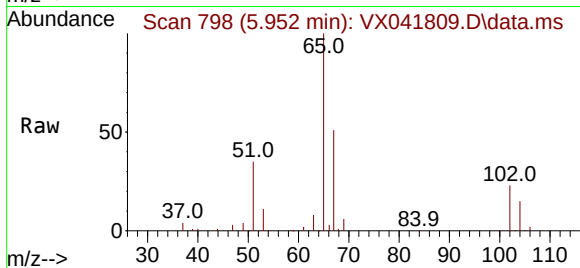
PMW-2

Tgt Ion: 65 Resp: 83047

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

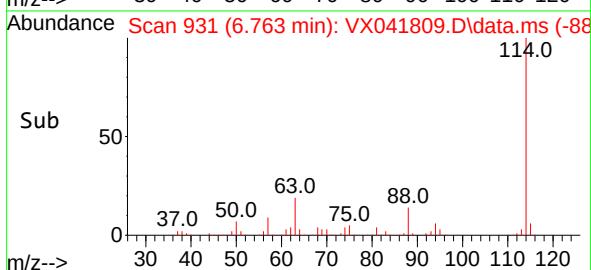
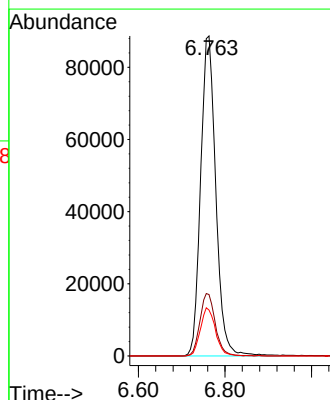
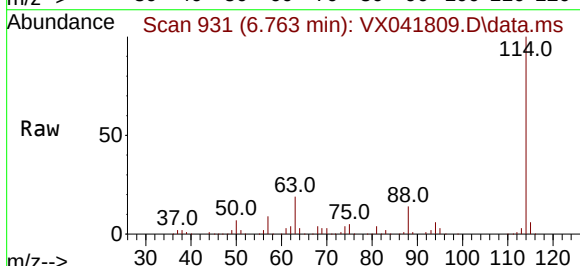
Tgt Ion: 114 Resp: 215605

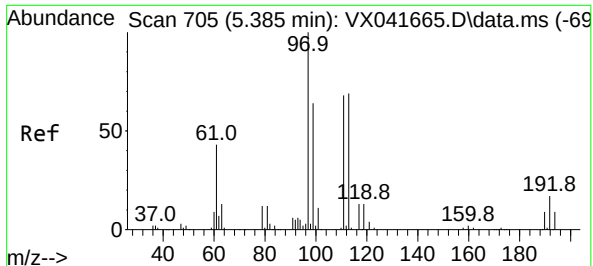
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 14.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.037 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

PMW-2

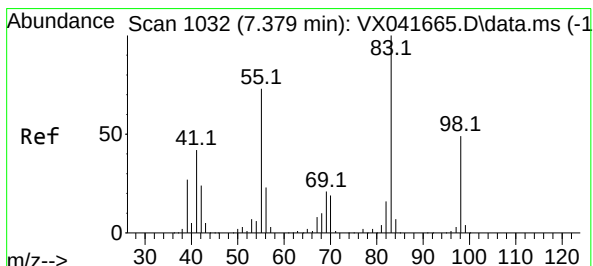
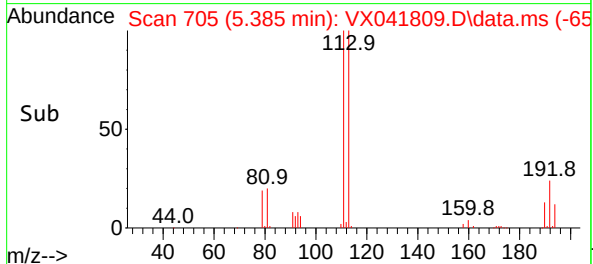
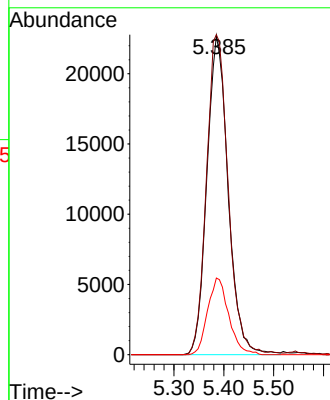
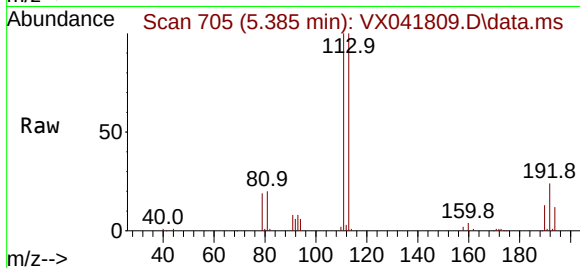
Tgt Ion:113 Resp: 67136

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 23.9 13.3 19.9#



#39

Methylcyclohexane

Concen: 7.377 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041809.D

Acq: 10 Jun 2024 14:44

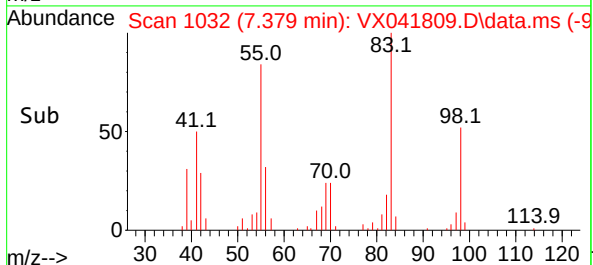
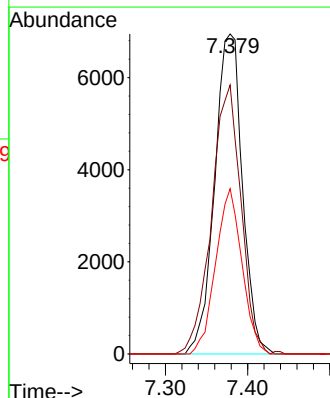
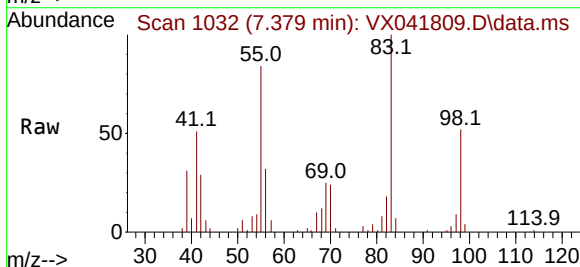
Tgt Ion: 83 Resp: 16359

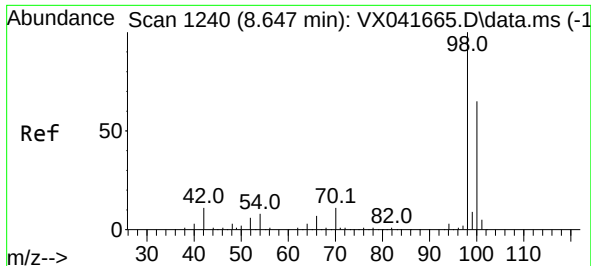
Ion Ratio Lower Upper

83 100

55 83.3 64.6 97.0

98 51.6 36.7 55.1

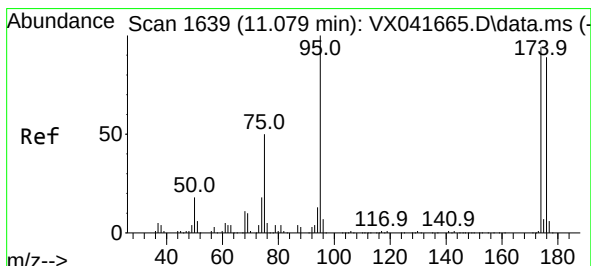
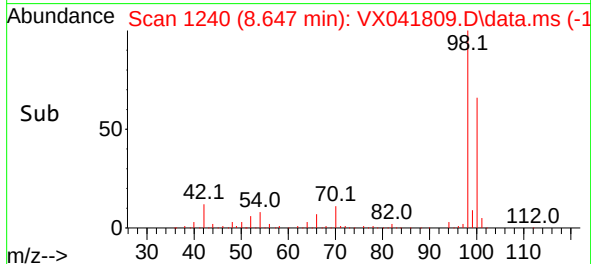
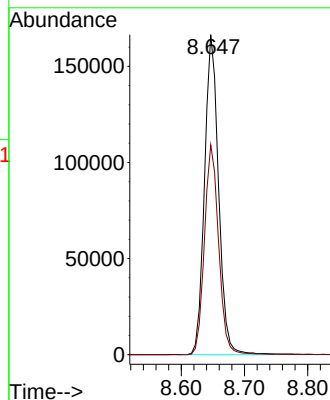
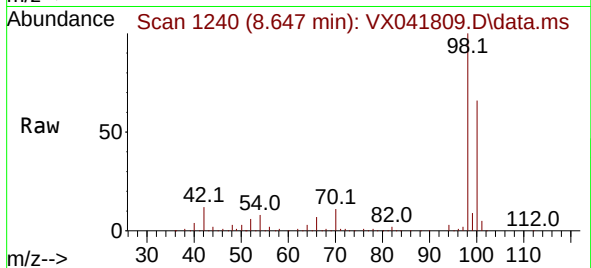




#50
Toluene-d8
Concen: 49.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

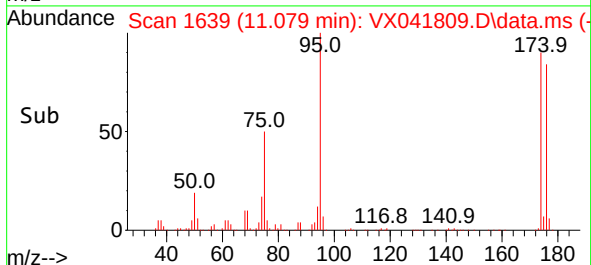
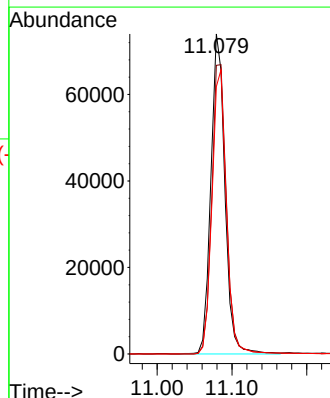
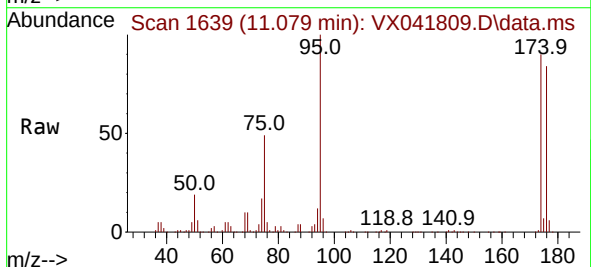
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

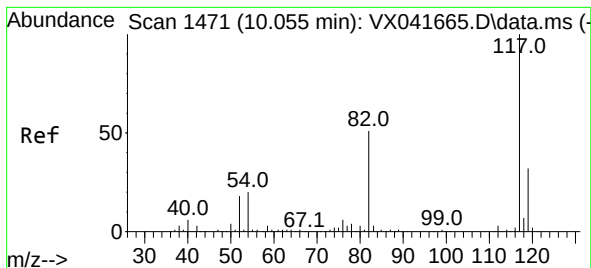
Tgt Ion: 98 Resp: 257667
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041809.D
Acq: 10 Jun 2024 14:44

Tgt Ion: 95 Resp: 96847
Ion Ratio Lower Upper
95 100
174 94.7 0.0 135.6
176 91.3 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: VX041809.D

Acq: 10 Jun 2024 14:44

Instrument :

MSVOA_X

ClientSampleId :

PMW-2

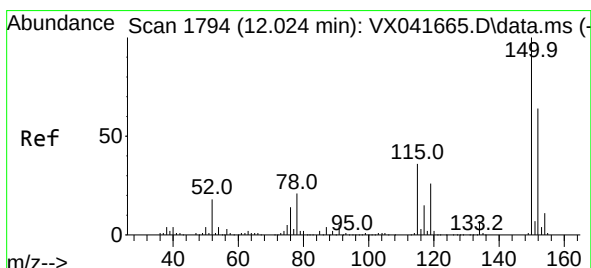
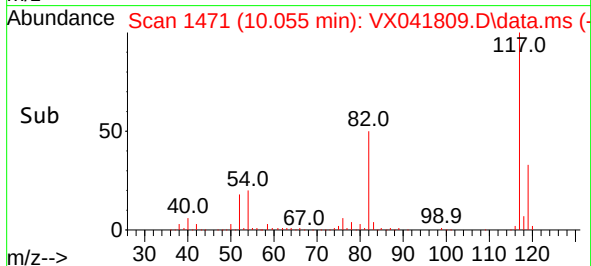
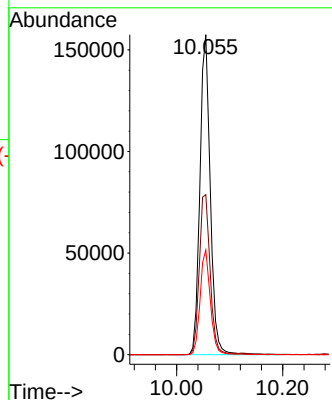
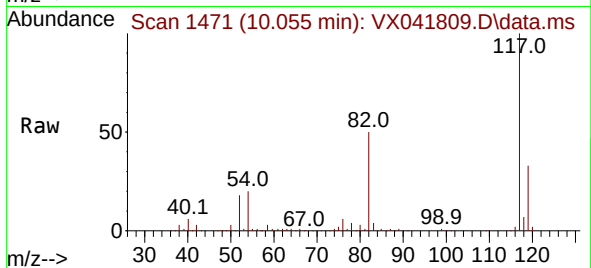
Tgt Ion:117 Resp: 214162

Ion Ratio Lower Upper

117 100

82 50.0 46.2 69.4

119 32.7 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: VX041809.D

Acq: 10 Jun 2024 14:44

Tgt Ion:152 Resp: 106168

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 153.8 0.0 345.0

