

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037849.D
 Acq On : 21 Sep 2023 12:54
 Operator : JC/MD
 Sample : 04540-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CENTRAL-M-R-HEATER

Quant Time: Sep 22 04:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

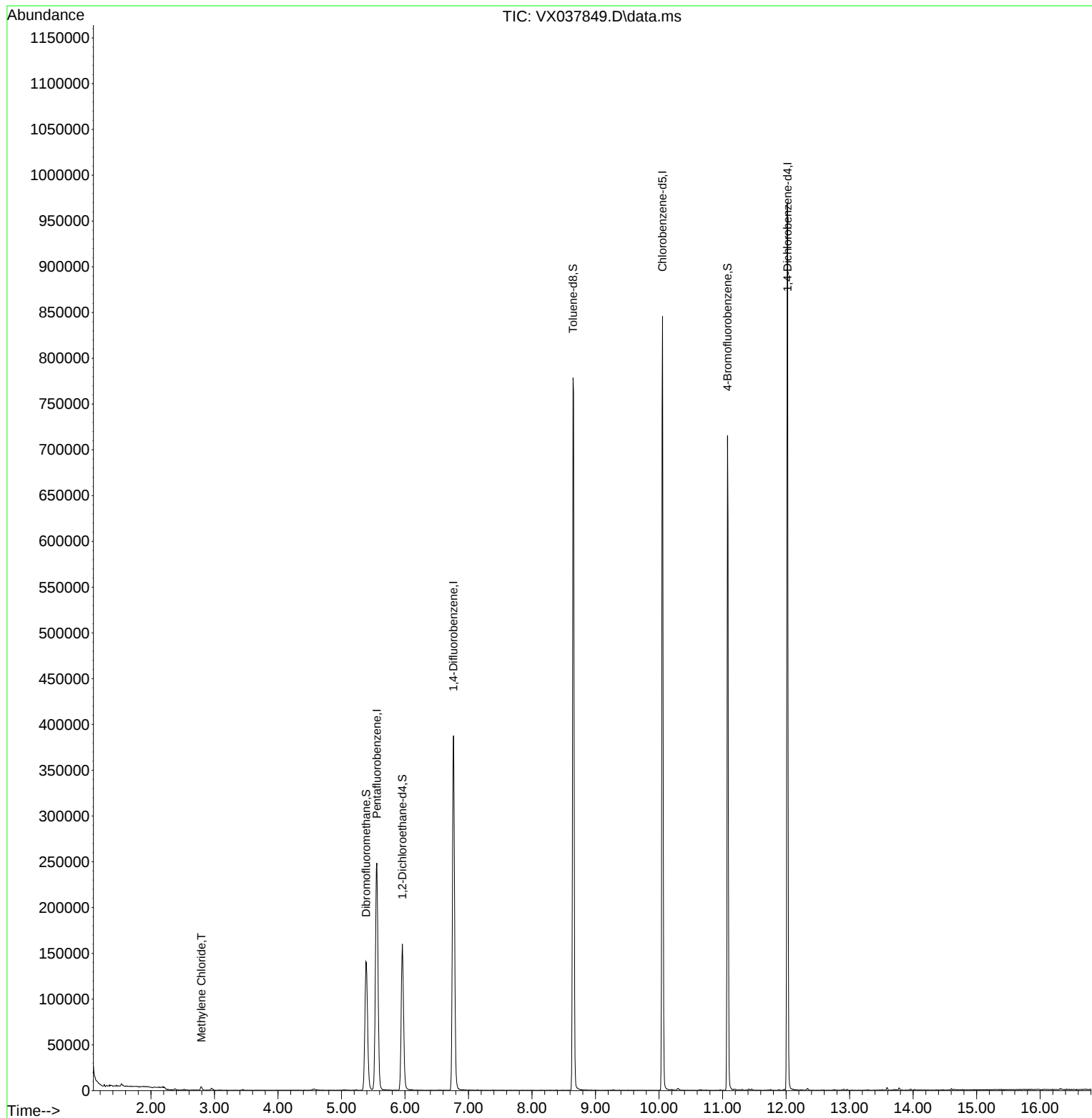
Internal Standards						
1) Pentafluorobenzene	5.556	168	241481	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	405223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147986	46.644	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	124346	45.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.647	98	490759	48.713	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	185440	50.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%
Target Compounds						
20) Methylene Chloride	2.794	84	2029	0.694	ug/l	# 71

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

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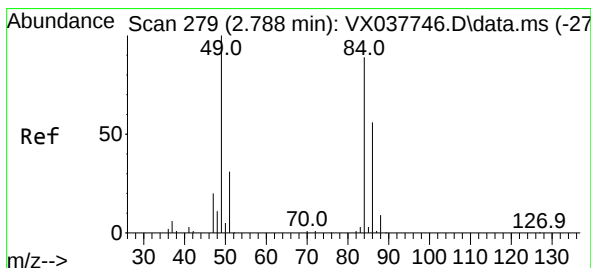
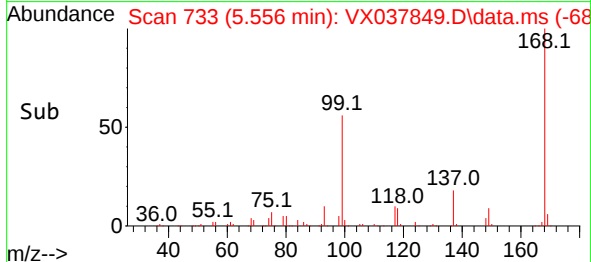
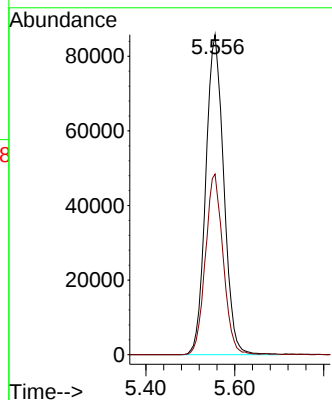
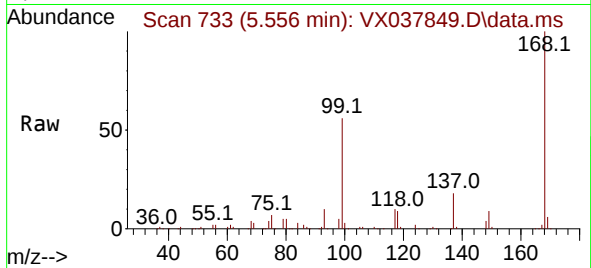




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037849.D
Acq: 21 Sep 2023 12:54

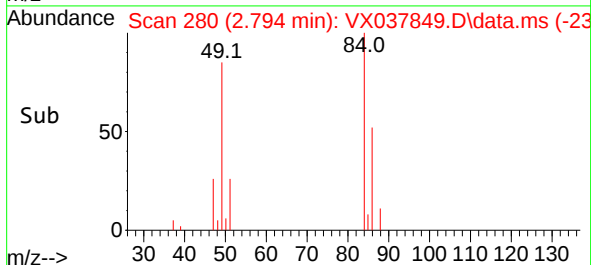
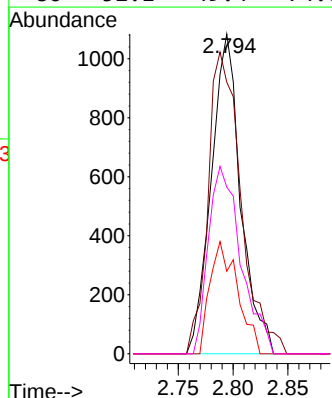
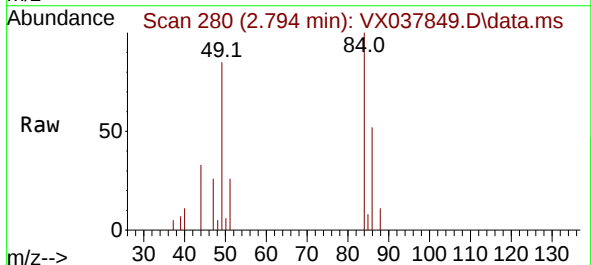
Instrument :
MSVOA_X
ClientSampleId :
CENTRAL-M-R-HEATER

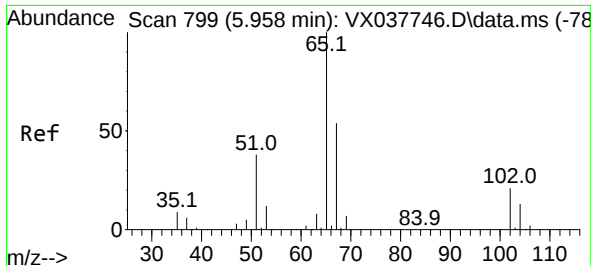
Tgt Ion:168 Resp: 241481
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#20
Methylene Chloride
Concen: 0.694 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037849.D
Acq: 21 Sep 2023 12:54

Tgt Ion: 84 Resp: 2029
Ion Ratio Lower Upper
84 100
49 85.0 103.6 155.4#
51 25.8 33.8 50.6#
86 52.1 49.4 74.0

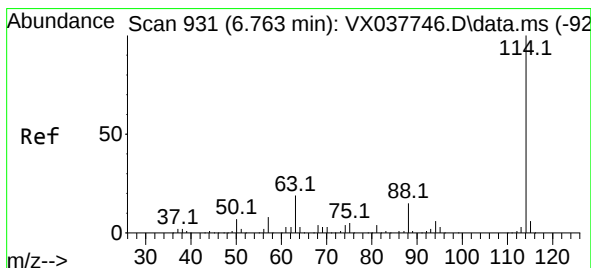
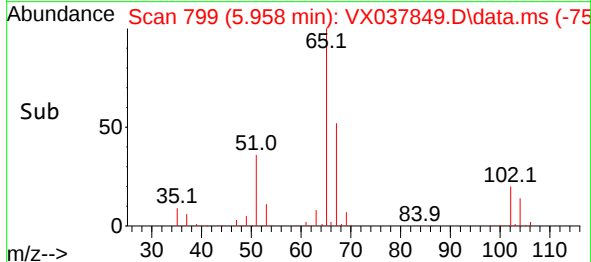
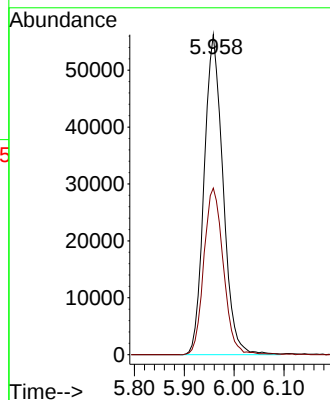
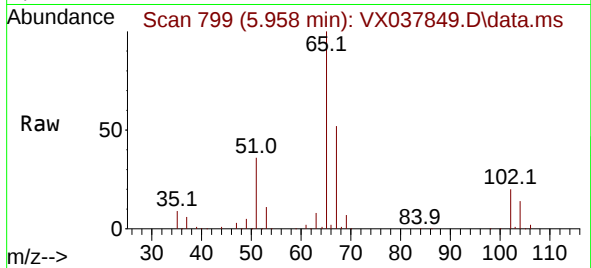




#33
 1,2-Dichloroethane-d4
 Concen: 46.644 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037849.D
 Acq: 21 Sep 2023 12:54

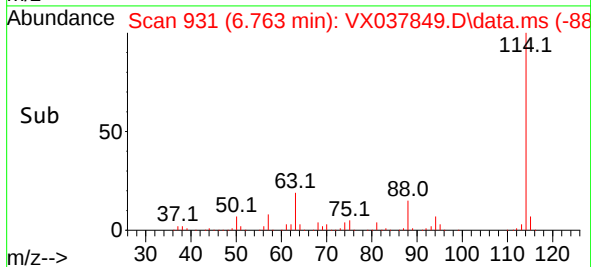
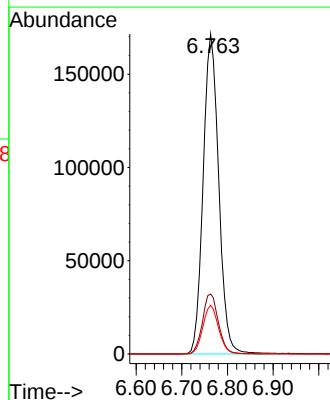
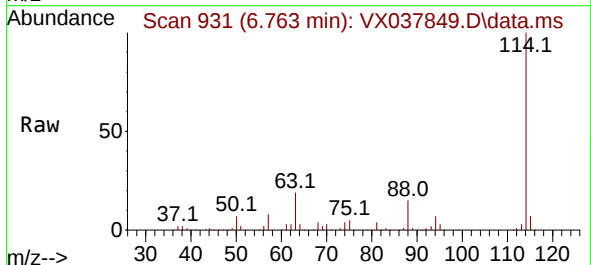
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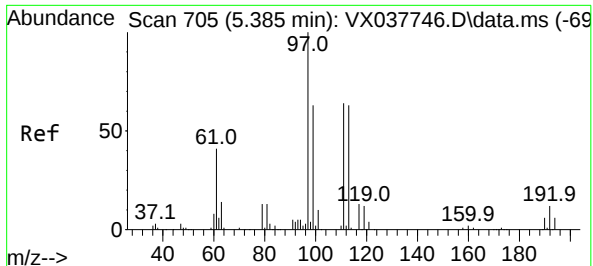
Tgt Ion: 65 Resp: 147986
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037849.D
 Acq: 21 Sep 2023 12:54

Tgt Ion: 114 Resp: 405223
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.2 0.0 36.6

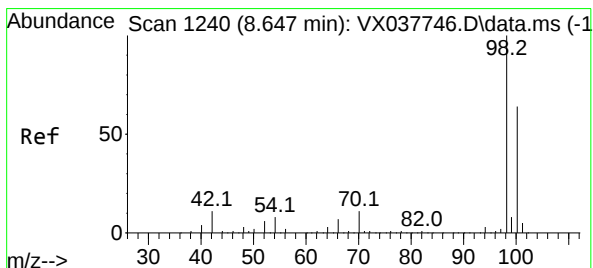
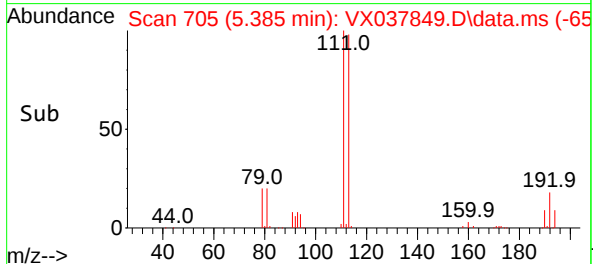
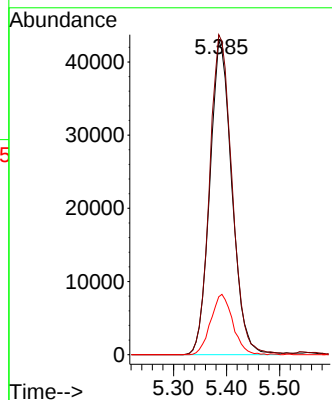
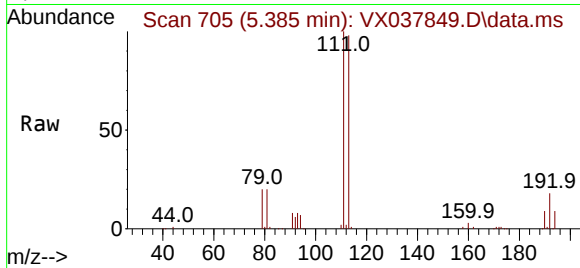




#35
Dibromofluoromethane
Concen: 45.861 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037849.D
Acq: 21 Sep 2023 12:54

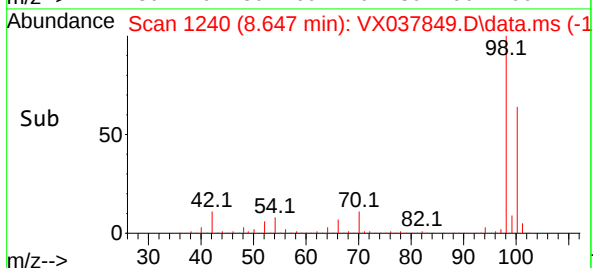
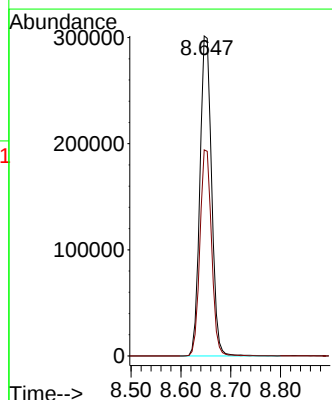
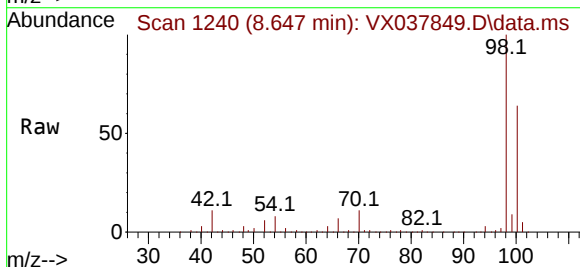
Instrument :
MSVOA_X
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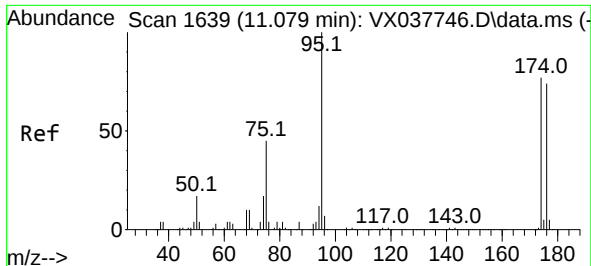
Tgt Ion:113 Resp: 124346
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.1 13.3 19.9



#50
Toluene-d8
Concen: 48.713 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037849.D
Acq: 21 Sep 2023 12:54

Tgt Ion: 98 Resp: 490759
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.655 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037849.D

Acq: 21 Sep 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

CENTRAL-M-R-HEATER

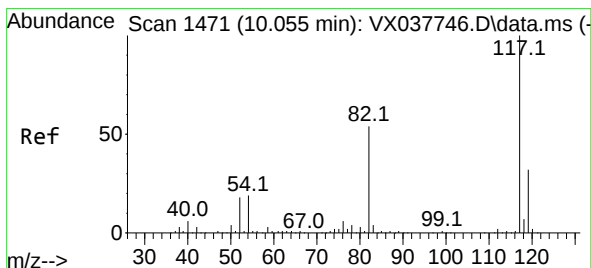
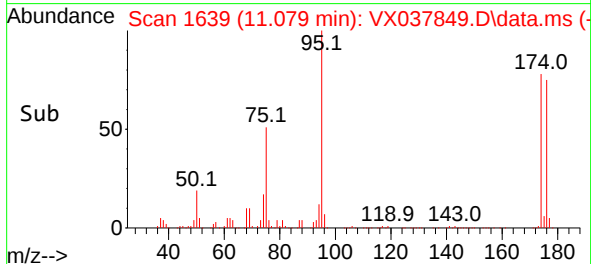
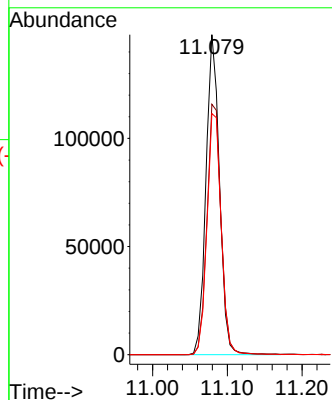
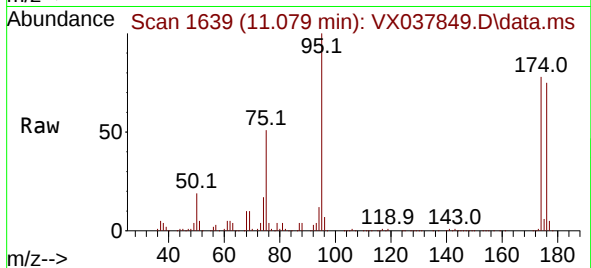
Tgt Ion: 95 Resp: 185440

Ion Ratio Lower Upper

95 100

174 81.9 0.0 135.6

176 79.6 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: VX037849.D

Acq: 21 Sep 2023 12:54

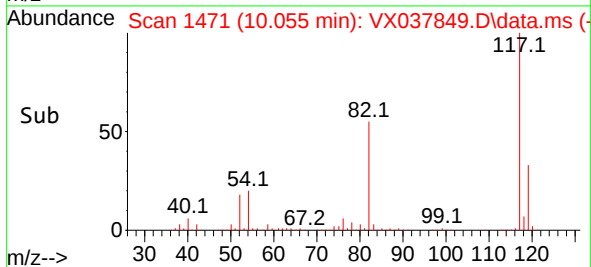
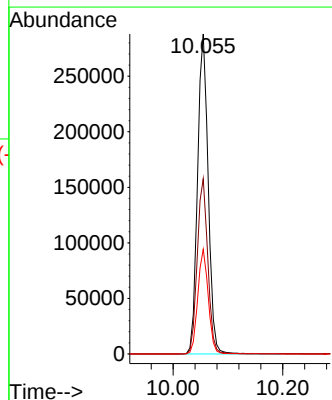
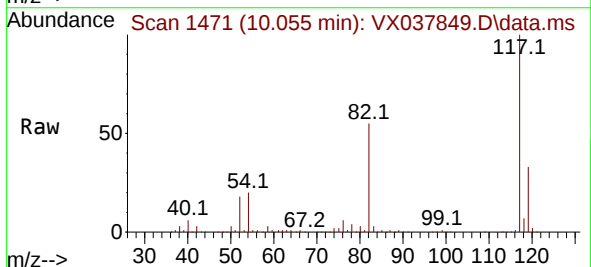
Tgt Ion: 117 Resp: 390350

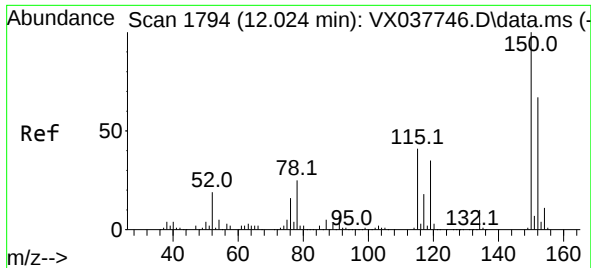
Ion Ratio Lower Upper

117 100

82 54.8 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# 11

Delta R.T. -0.000 min

Lab File: VX037849.D

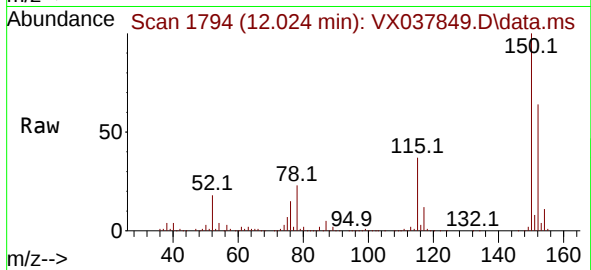
Acq: 21 Sep 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

CENTRAL-M-R-HEATER



Tgt Ion:152 Resp: 203176

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 157.7 0.0 345.0

