

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037855.D
 Acq On : 21 Sep 2023 15:13
 Operator : JC/MD
 Sample : 04540-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 22 04:45:05 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)

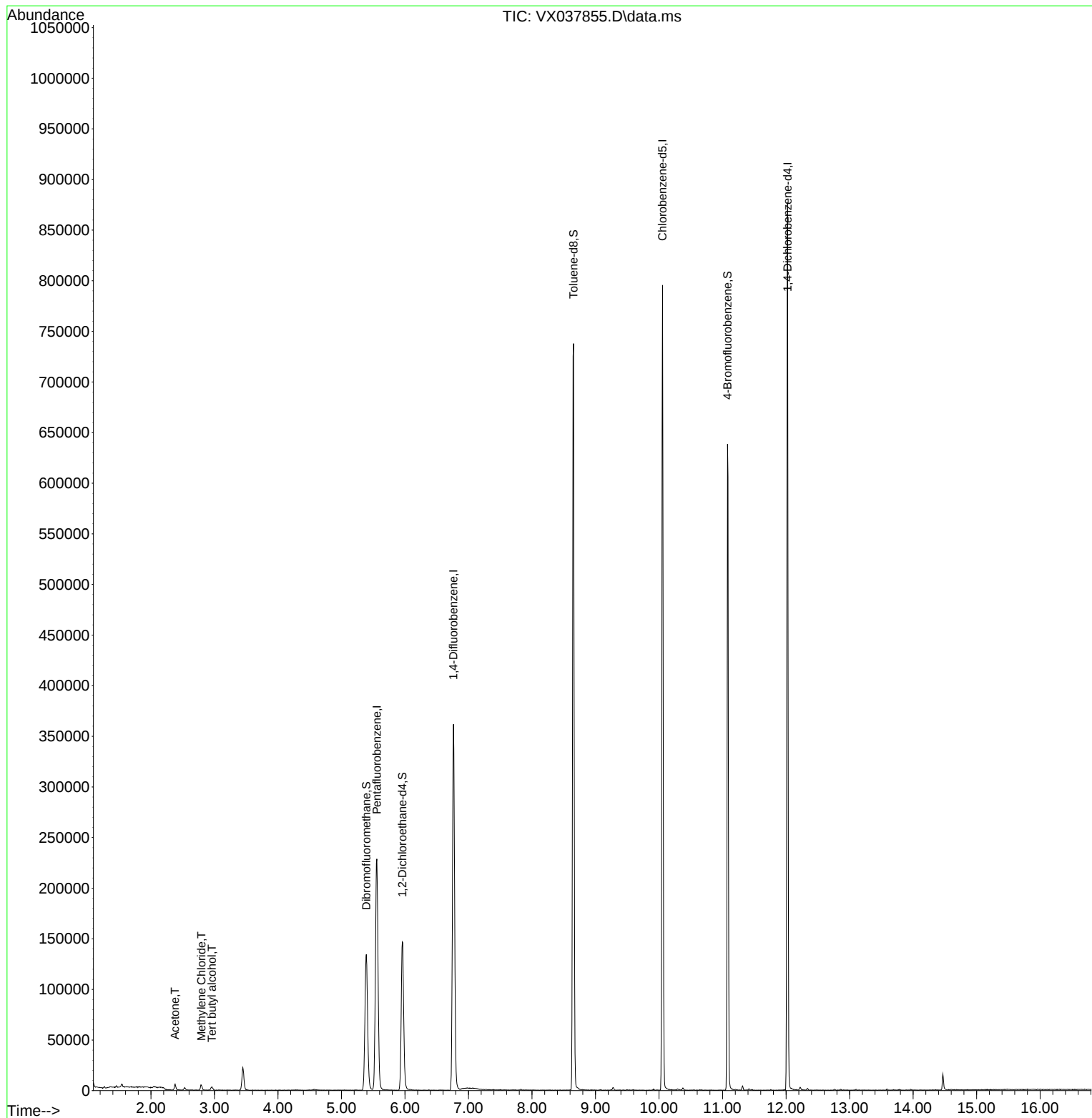
Internal Standards						
1) Pentafluorobenzene	5.556	168	221536	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	379120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139934	48.077	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.160%
35) Dibromofluoromethane	5.391	113	118955	46.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.653	98	460137	48.819	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	171740	50.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	3665	5.866	ug/l #	93
16) Acetone	2.380	43	5848	4.177	ug/l #	84
20) Methylene Chloride	2.794	84	2722	1.027	ug/l #	80

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

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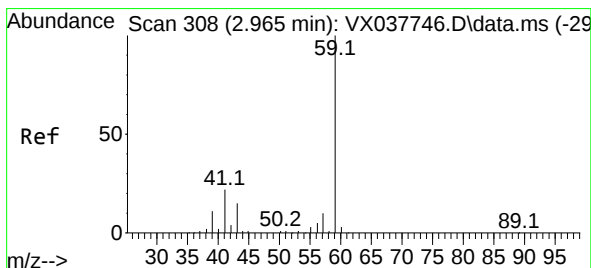
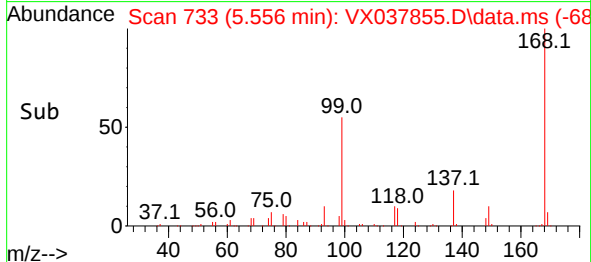
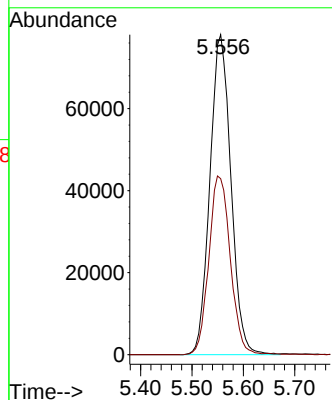
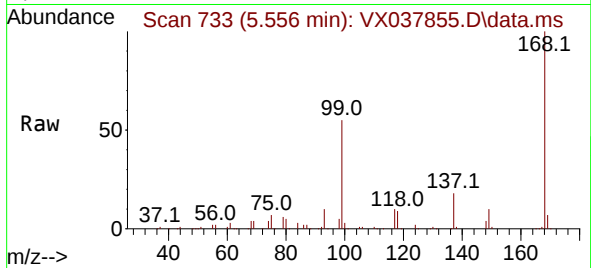




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

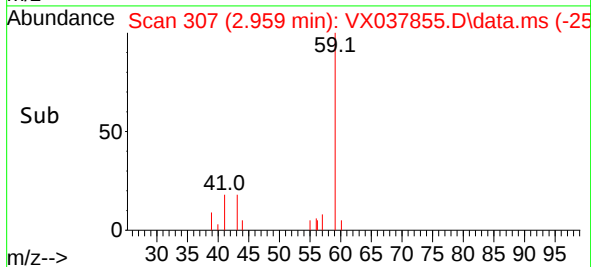
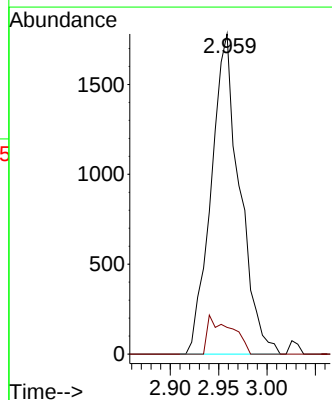
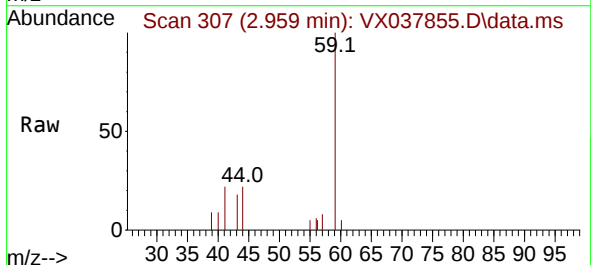
Instrument :
MSVOA_X
ClientSampleId :
CENTRAL-M-R-HEATER

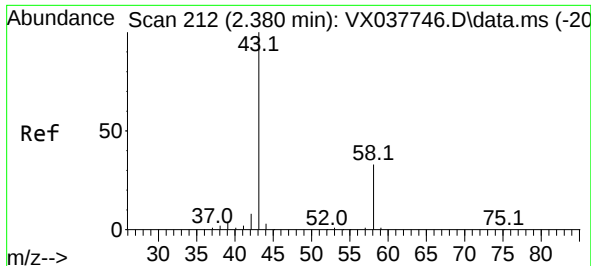
Tgt Ion:168 Resp: 221536
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 5.866 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

Tgt Ion: 59 Resp: 3665
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#

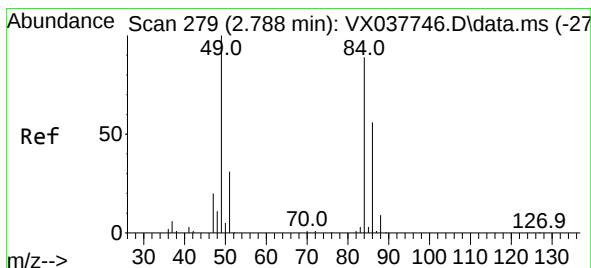
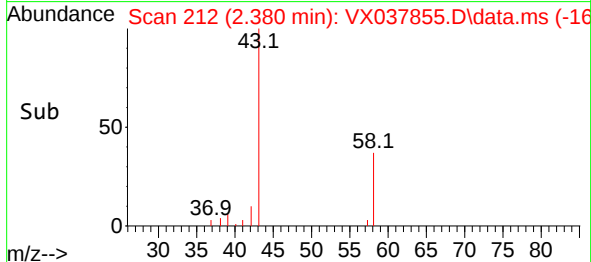
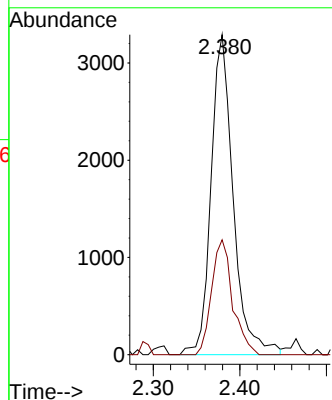
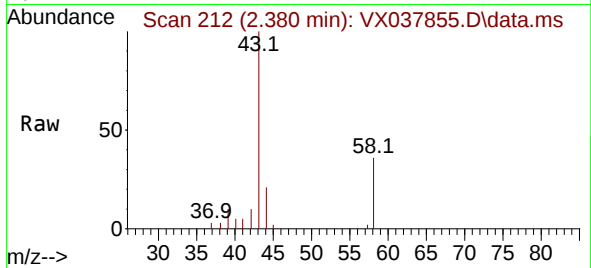




#16
Acetone
Concen: 4.177 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

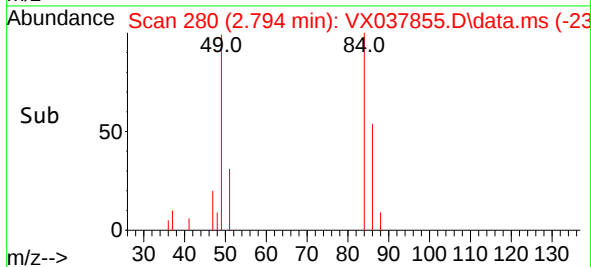
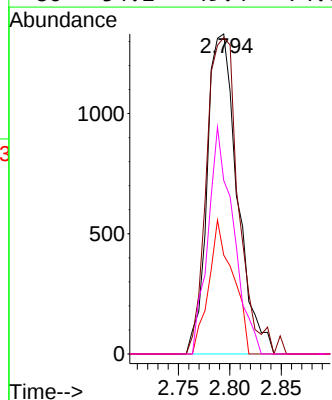
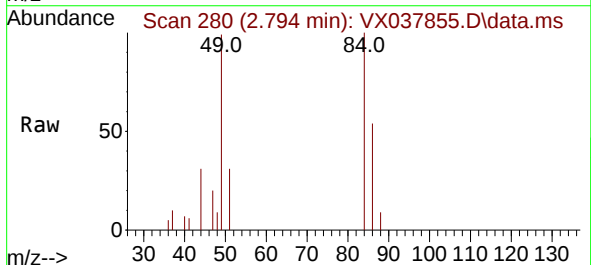
Instrument :
MSVOA_X
ClientSampleId :
CENTRAL-M-R-HEATER

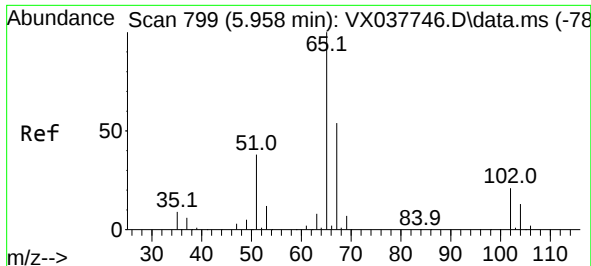
Tgt Ion: 43 Resp: 5848
Ion Ratio Lower Upper
43 100
58 35.9 21.9 32.9#



#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

Tgt Ion: 84 Resp: 2722
Ion Ratio Lower Upper
84 100
49 98.9 103.6 155.4#
51 30.9 33.8 50.6#
86 54.2 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.077 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037855.D

Acq: 21 Sep 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

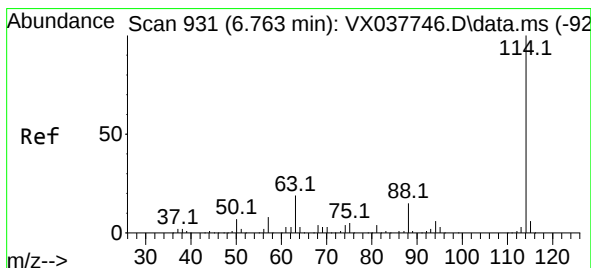
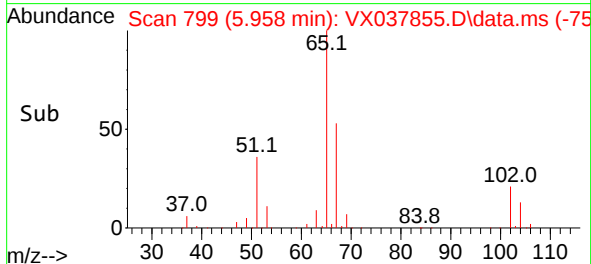
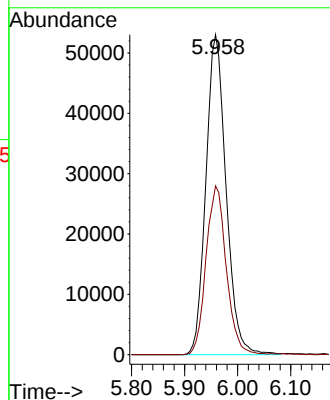
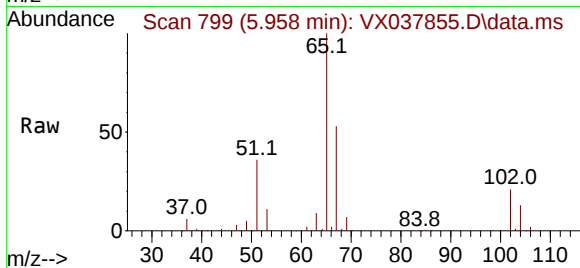
CENTRAL-M-R-HEATER

Tgt Ion: 65 Resp: 139934

Ion Ratio Lower Upper

65 100

67 53.0 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: VX037855.D

Acq: 21 Sep 2023 15:13

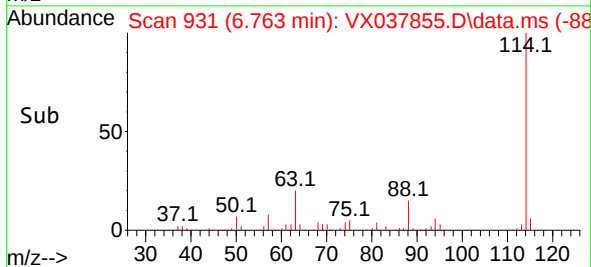
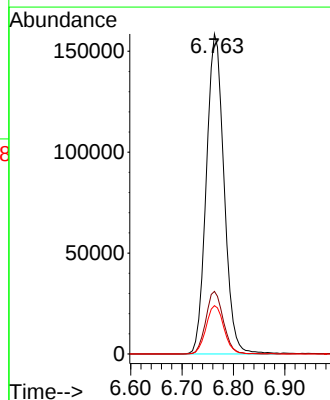
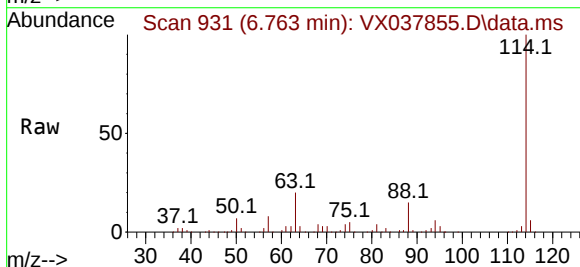
Tgt Ion: 114 Resp: 379120

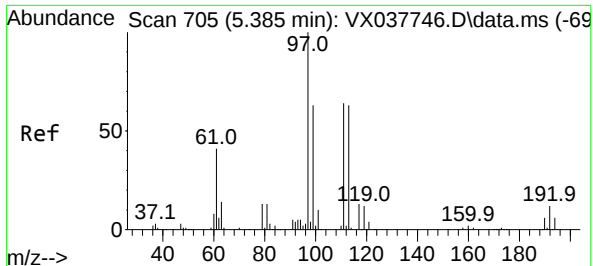
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.1 0.0 36.6

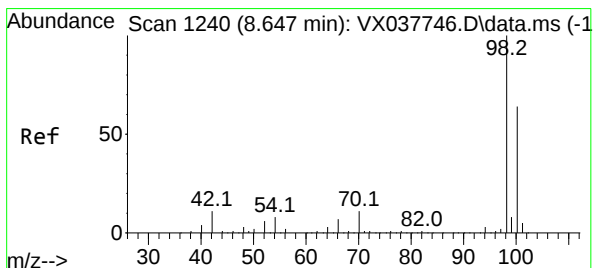
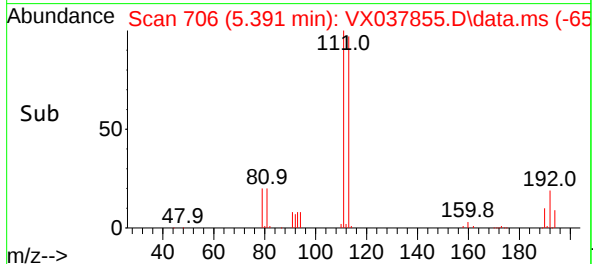
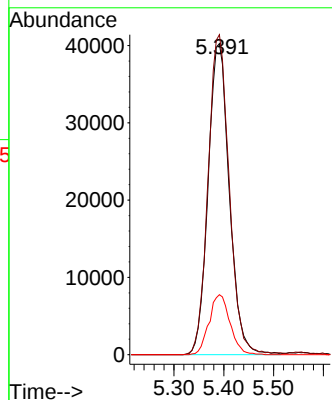
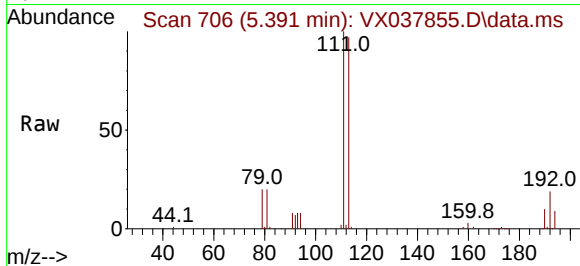




#35
Dibromofluoromethane
Concen: 46.893 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

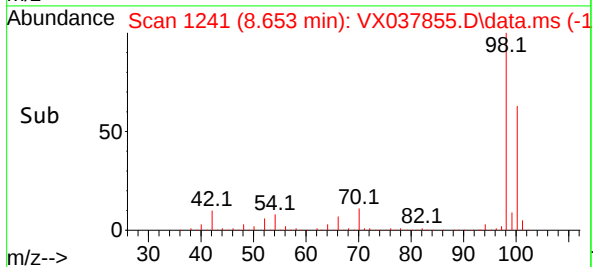
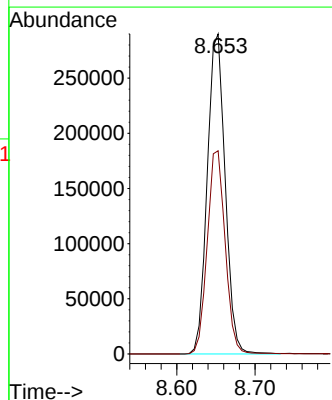
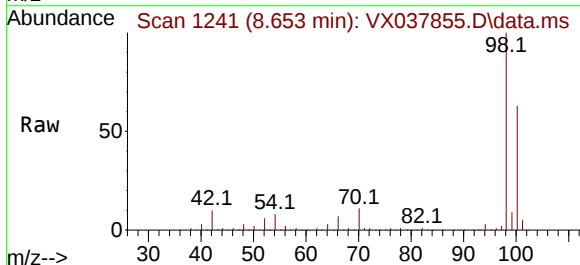
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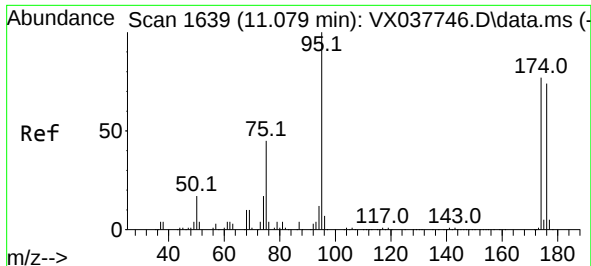
Tgt Ion:113 Resp: 118955
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.1 13.3 19.9



#50
Toluene-d8
Concen: 48.819 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037855.D
Acq: 21 Sep 2023 15:13

Tgt Ion: 98 Resp: 460137
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.143 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037855.D

Acq: 21 Sep 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

CENTRAL-M-R-HEATER

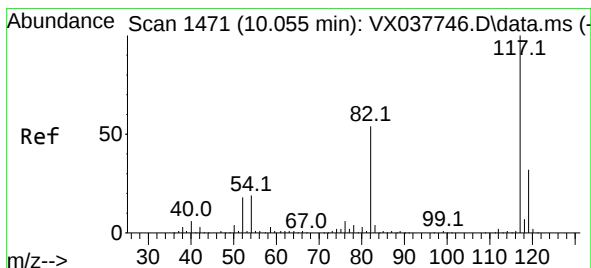
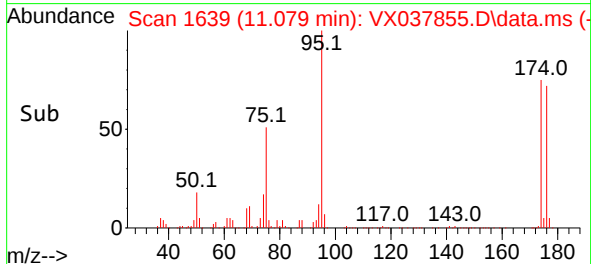
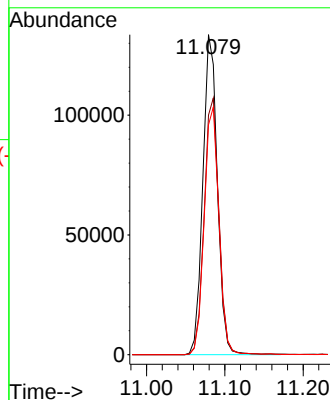
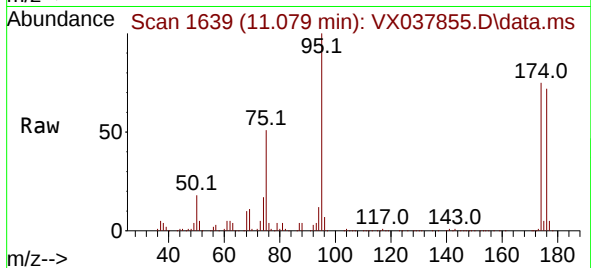
Tgt Ion: 95 Resp: 171740

Ion Ratio Lower Upper

95 100

174 81.8 0.0 135.6

176 78.7 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: VX037855.D

Acq: 21 Sep 2023 15:13

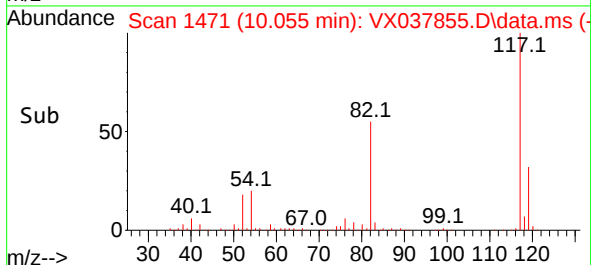
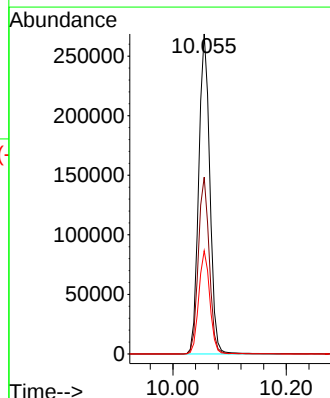
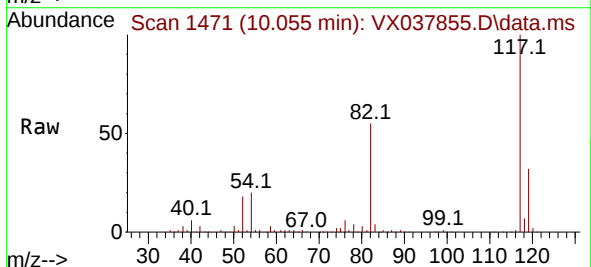
Tgt Ion: 117 Resp: 364332

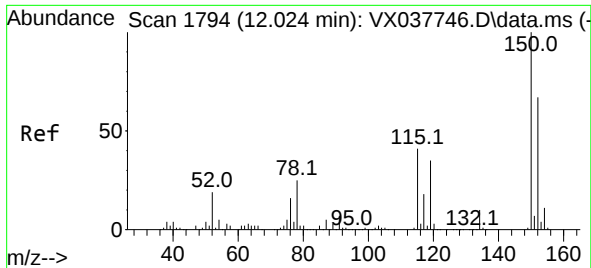
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 32.3 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: VX037855.D

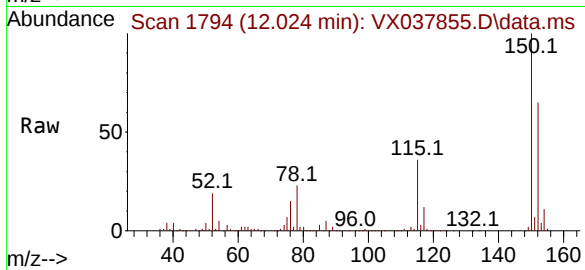
Acq: 21 Sep 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

CENTRAL-M-R-HEATER



Tgt Ion:152 Resp: 188540

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 156.5 0.0 345.0

