

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038608.D
 Acq On : 27 Oct 2023 17:22
 Operator : JC/MD
 Sample : 05097-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-03i

Quant Time: Oct 30 01:33:19 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)

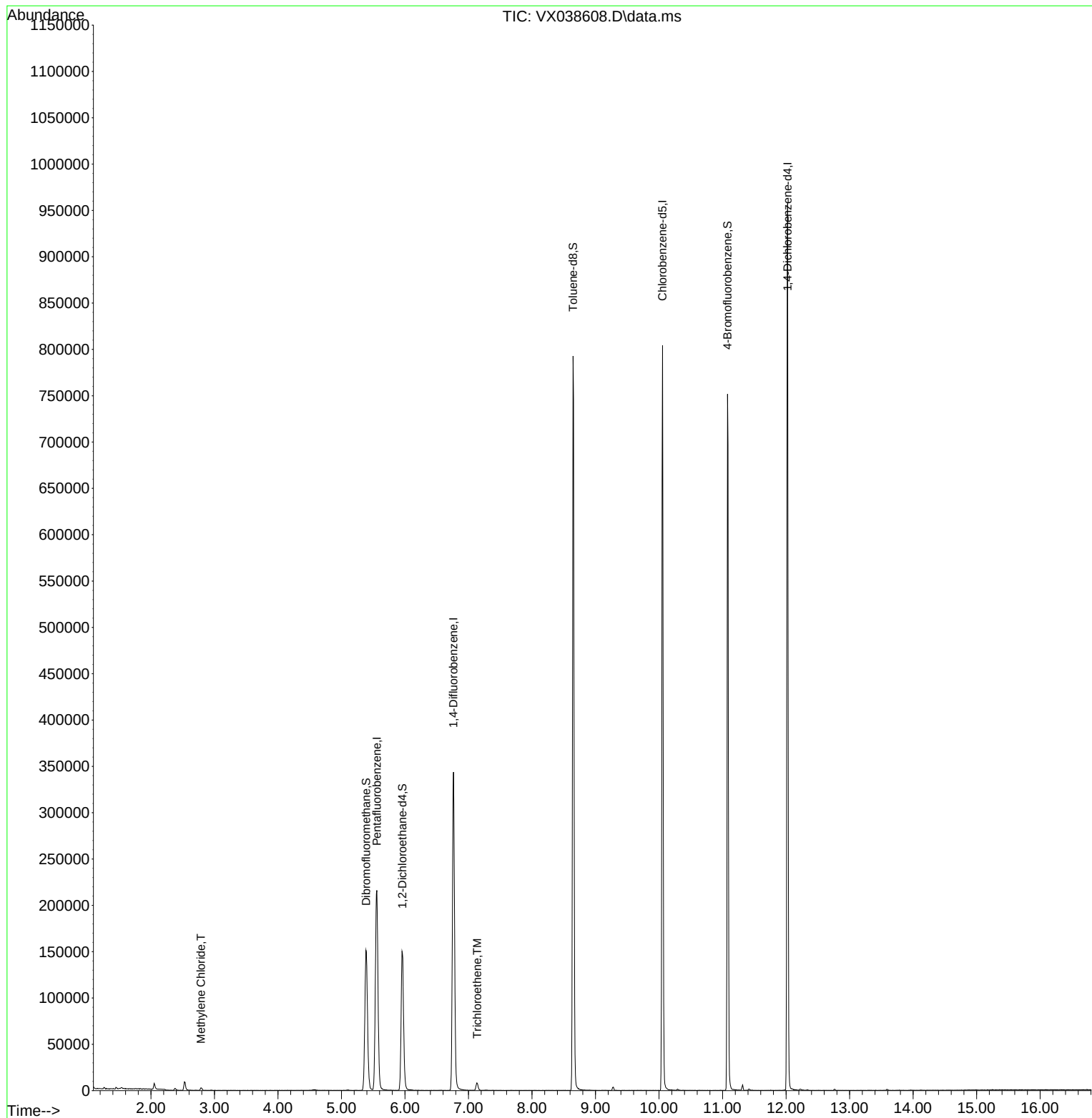
Internal Standards						
1) Pentafluorobenzene	5.556	168	217078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147542	42.257	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.520%
35) Dibromofluoromethane	5.385	113	132935	50.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	8.647	98	486081	47.954	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	200204	52.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1452	0.530	ug/l	# 79
44) Trichloroethene	7.135	130	3688	1.378	ug/l	86

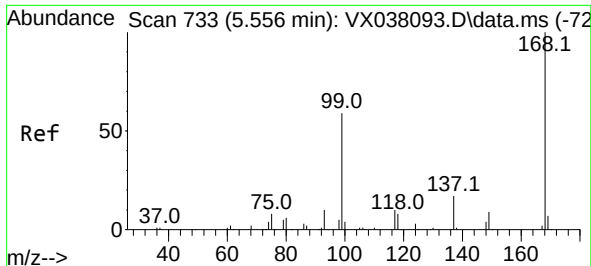
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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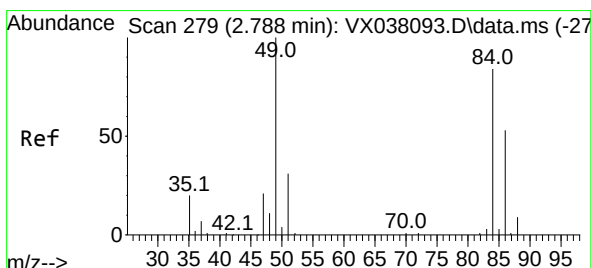
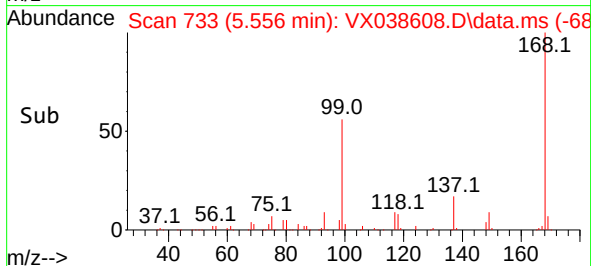
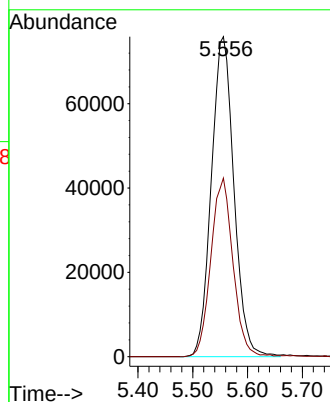
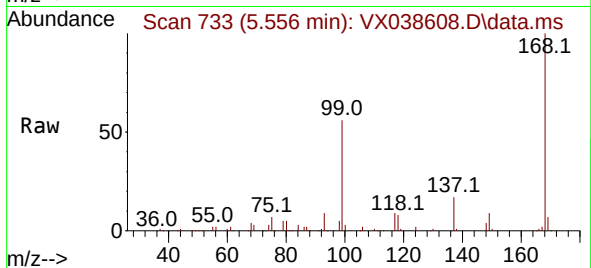




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

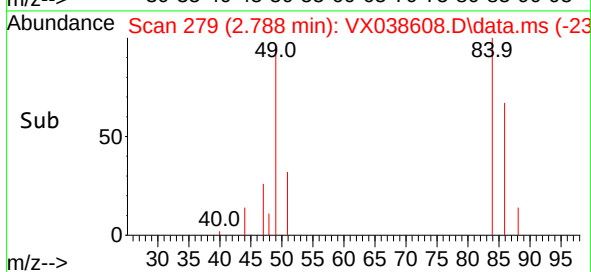
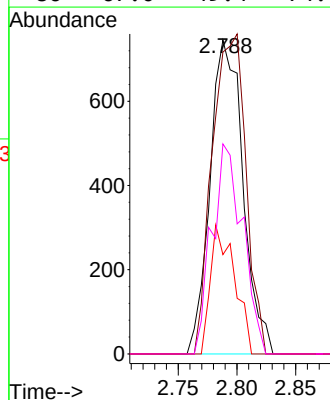
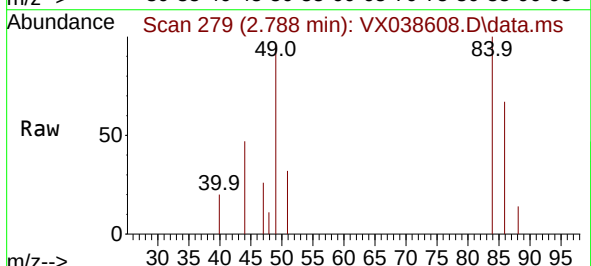
Instrument :
MSVOA_X
ClientSampleId :
22-MW-03i

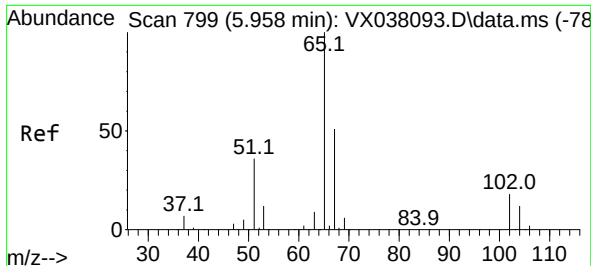
Tgt Ion:168 Resp: 217078
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion: 84 Resp: 1452
Ion Ratio Lower Upper
84 100
49 96.2 103.6 155.4#
51 31.7 33.8 50.6#
86 67.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 42.257 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038608.D

Acq: 27 Oct 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

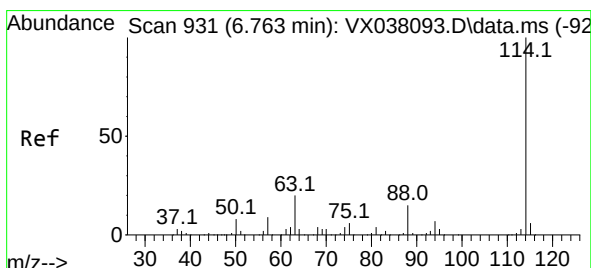
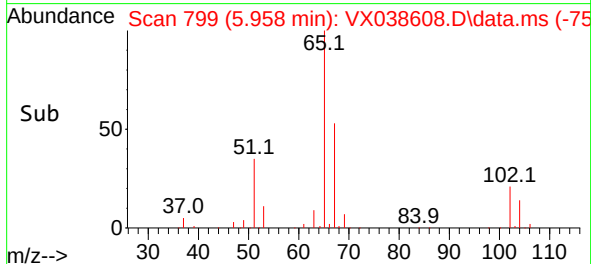
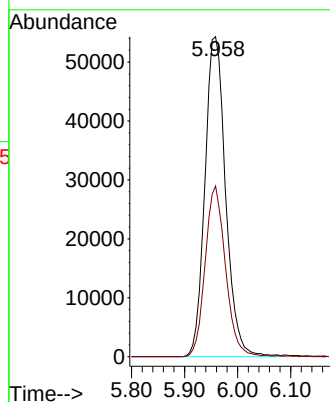
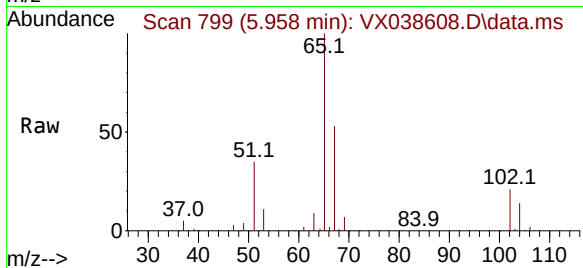
22-MW-03i

Tgt Ion: 65 Resp: 147542

Ion Ratio Lower Upper

65 100

67 52.4 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: VX038608.D

Acq: 27 Oct 2023 17:22

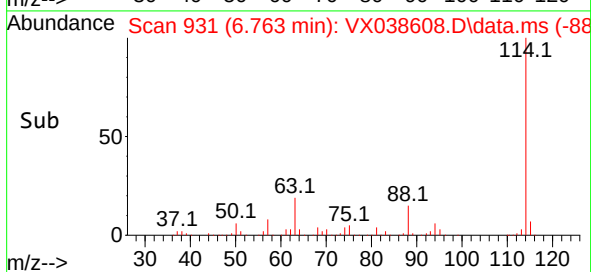
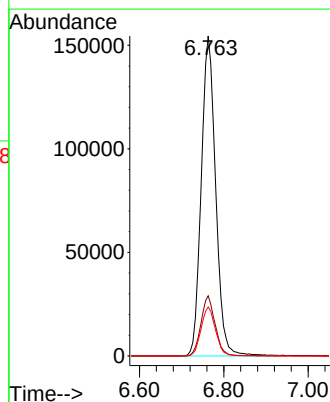
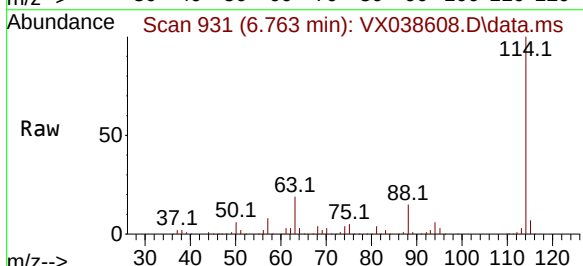
Tgt Ion: 114 Resp: 368134

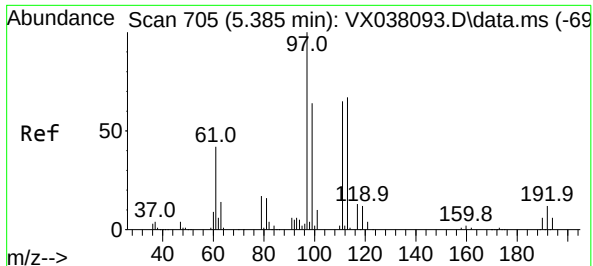
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.114 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038608.D

Acq: 27 Oct 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

22-MW-03i

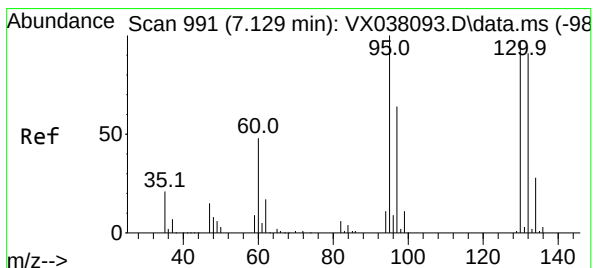
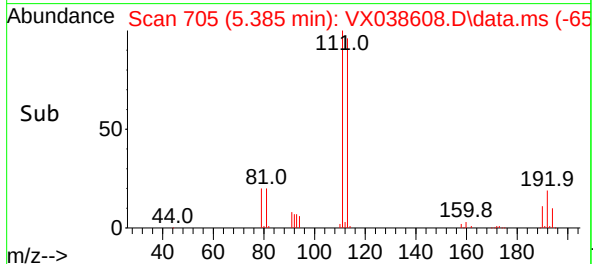
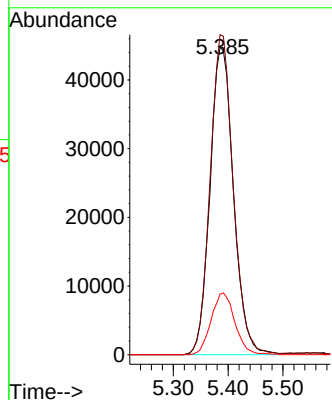
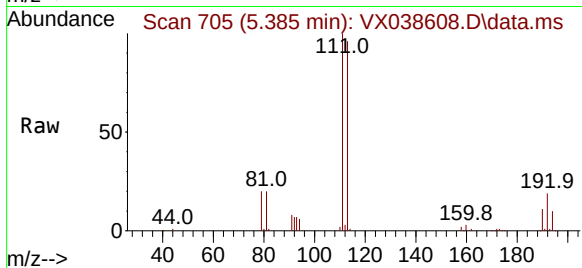
Tgt Ion:113 Resp: 132935

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 20.3 13.3 19.9#



#44

Trichloroethene

Concen: 1.378 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038608.D

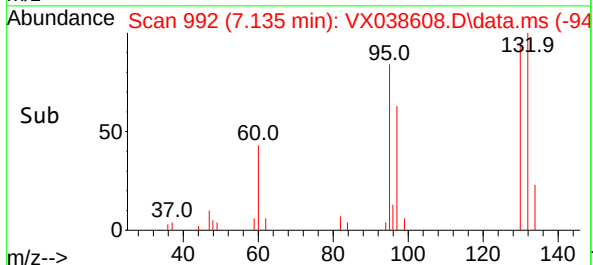
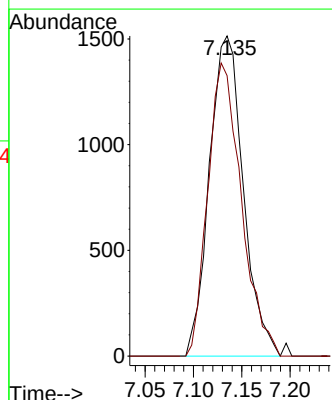
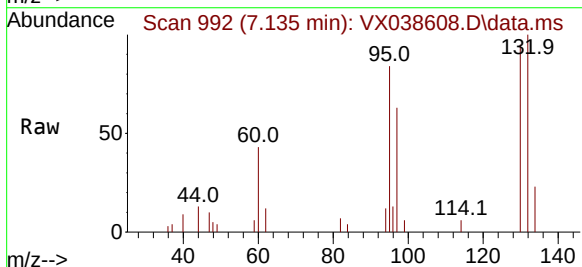
Acq: 27 Oct 2023 17:22

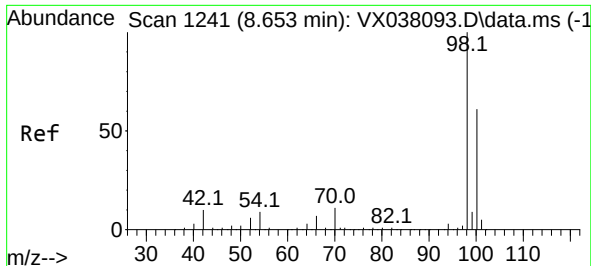
Tgt Ion:130 Resp: 3688

Ion Ratio Lower Upper

130 100

95 87.6 0.0 204.4

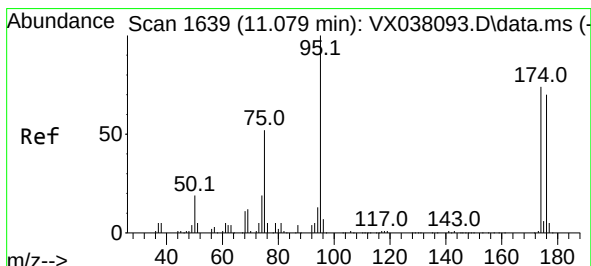
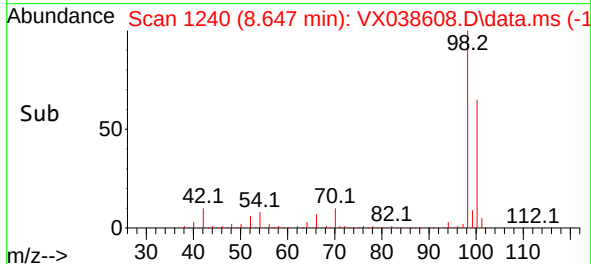
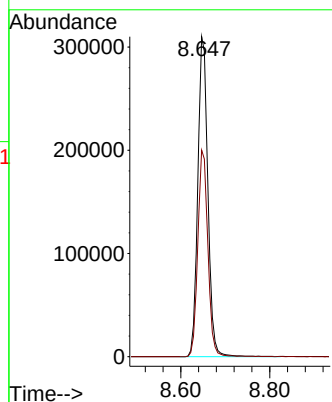
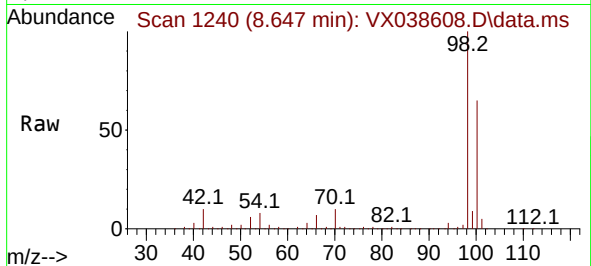




#50
Toluene-d8
Concen: 47.954 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

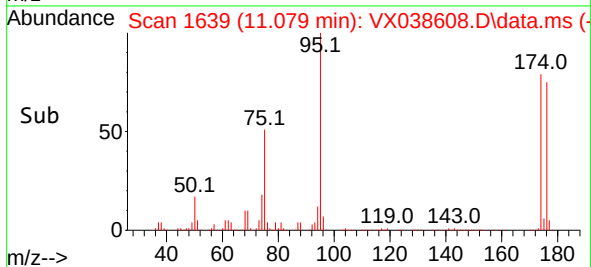
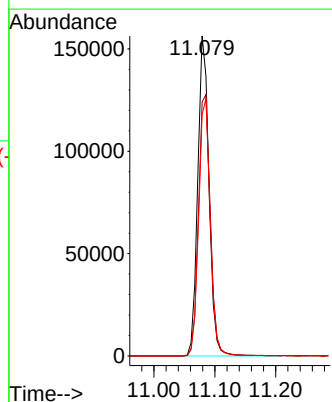
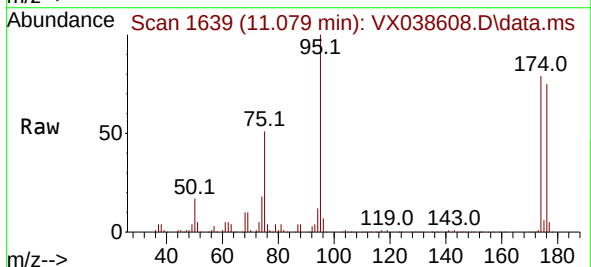
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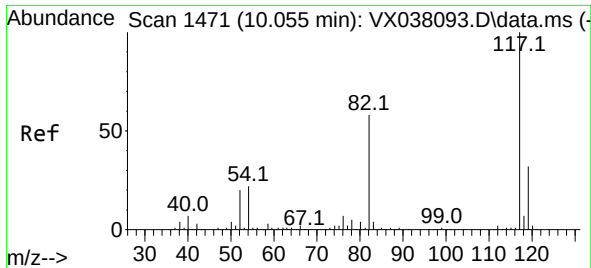
Tgt Ion: 98 Resp: 486081
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion: 95 Resp: 200204
Ion Ratio Lower Upper
95 100
174 86.6 0.0 135.6
176 82.6 0.0 131.0

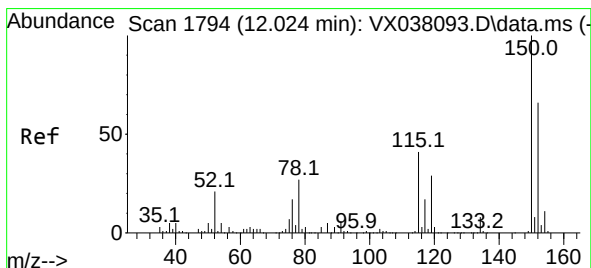
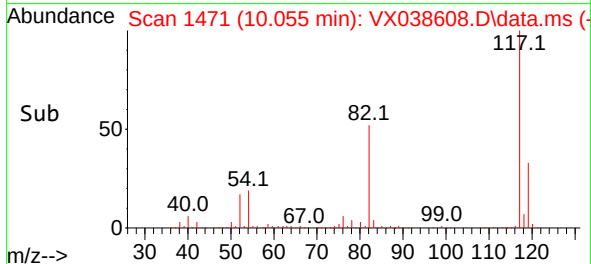
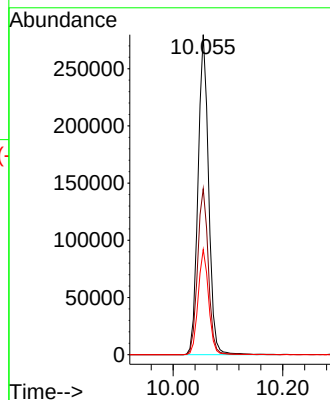
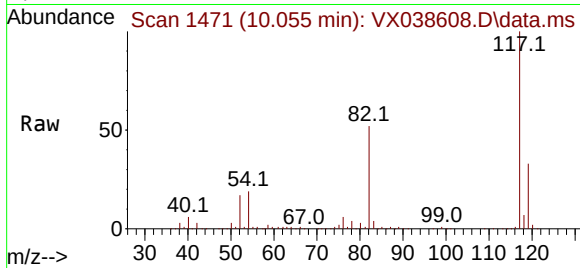




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038608.D
Acq: 27 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :
22-MW-03i

Tgt Ion:117 Resp: 376182
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 32.8 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: VX038608.D
Acq: 27 Oct 2023 17:22

Tgt Ion:152 Resp: 215671
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 158.0 0.0 345.0

