

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035869.D
 Acq On : 25 May 2023 21:24
 Operator : JC/MD
 Sample : 02911-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230522

Quant Time: May 26 07:26:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

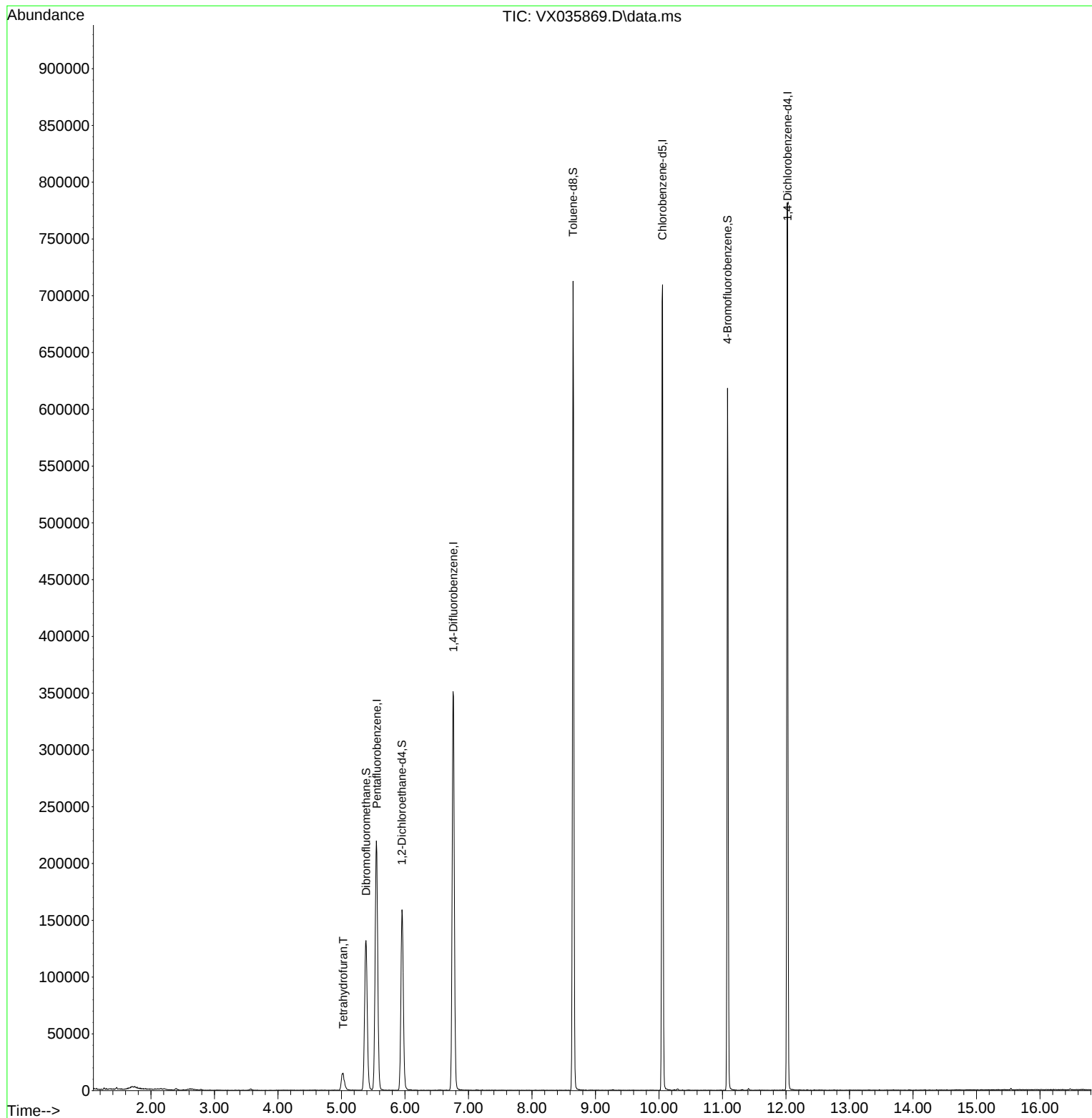
Internal Standards						
1) Pentafluorobenzene	5.556	168	199243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150729	43.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	114310	48.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.647	98	390246	44.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.280%#
62) 4-Bromofluorobenzene	11.079	95	157024	44.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
29) Tetrahydrofuran	5.026	42	15544	11.958	ug/l	Qvalue 97

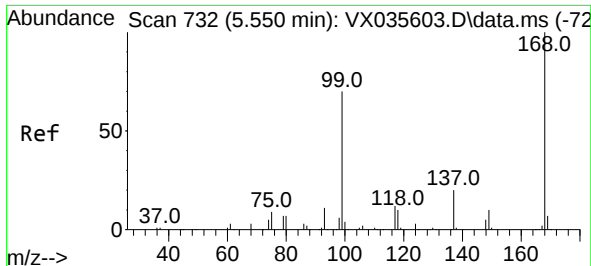
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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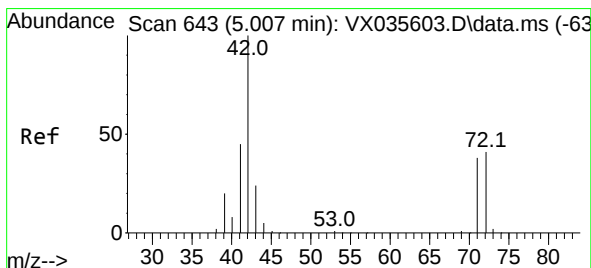
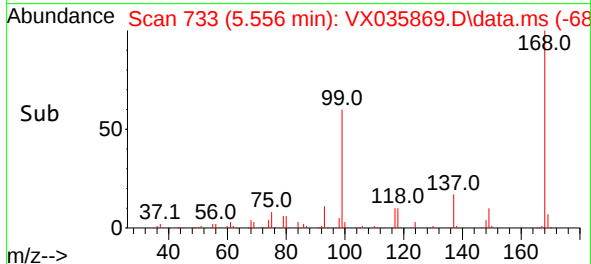
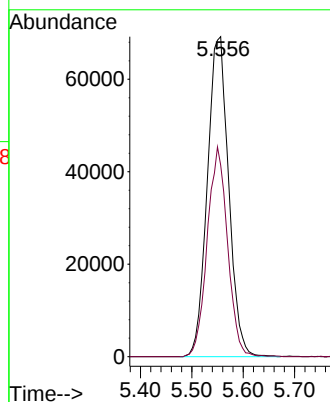
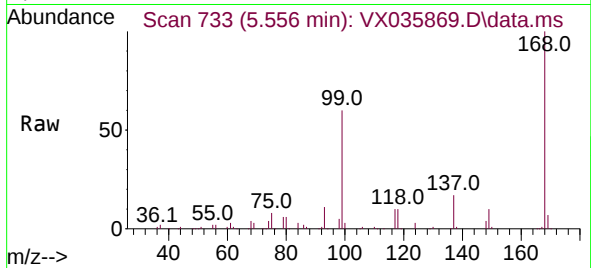




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

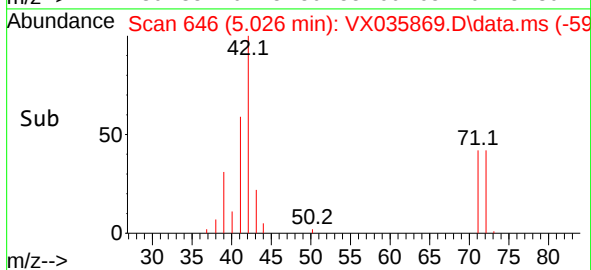
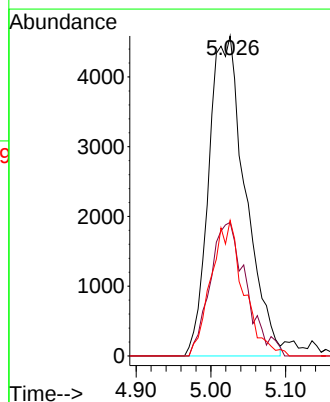
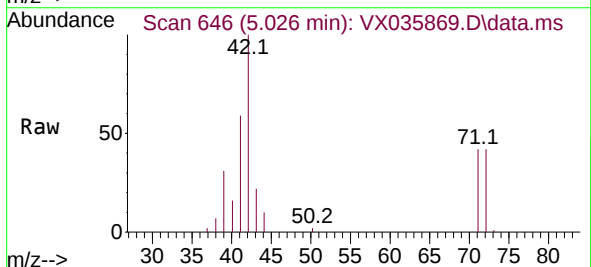
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230522

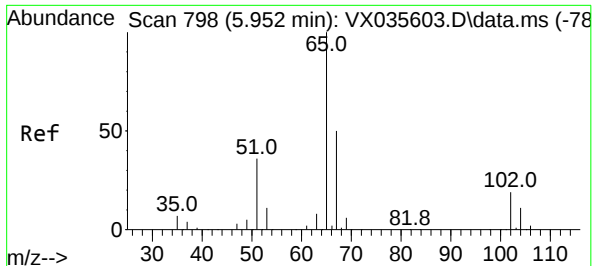
Tgt Ion:168 Resp: 199243
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#29
Tetrahydrofuran
Concen: 11.958 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.019 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

Tgt Ion: 42 Resp: 15544
Ion Ratio Lower Upper
42 100
72 41.5 34.5 51.7
71 37.7 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 43.364 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035869.D

Acq: 25 May 2023 21:24

Instrument :

MSVOA_X

ClientSampleId :

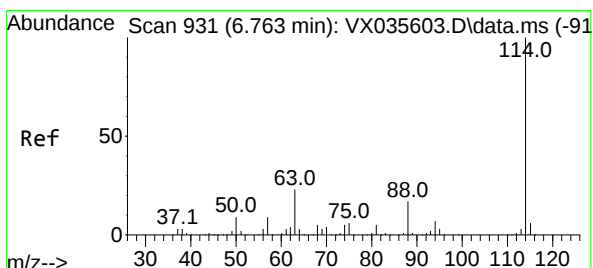
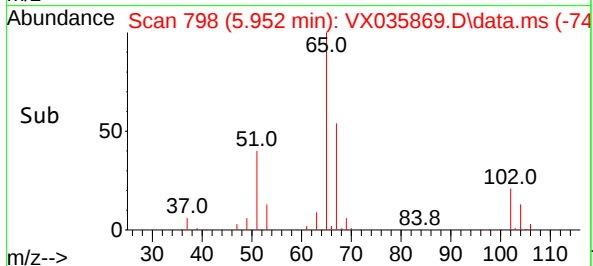
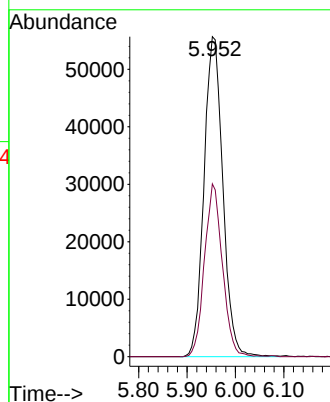
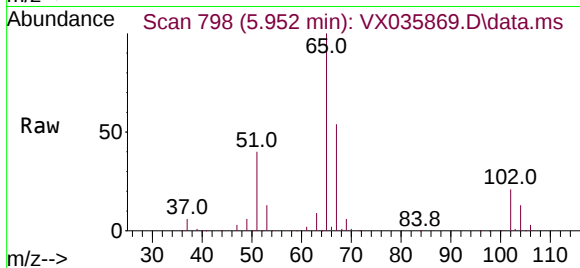
RW9-MW01D2-20230522

Tgt Ion: 65 Resp: 150729

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035869.D

Acq: 25 May 2023 21:24

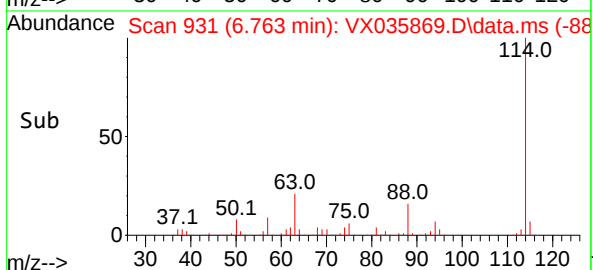
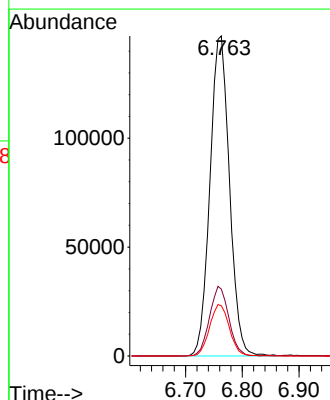
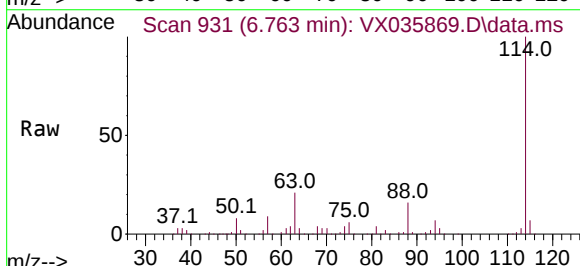
Tgt Ion: 114 Resp: 350925

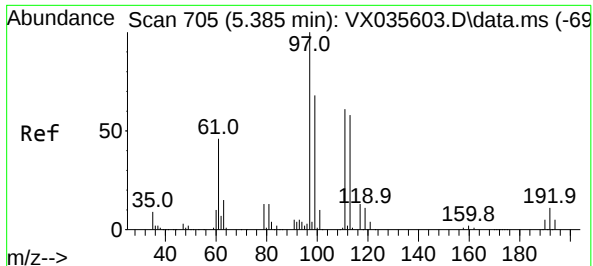
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.7 0.0 33.2

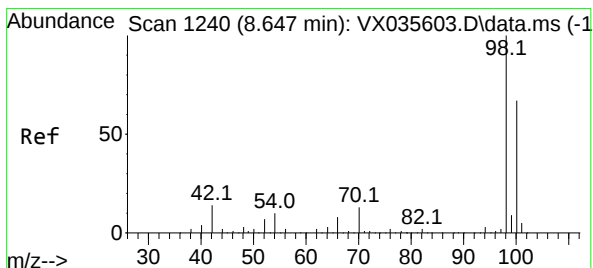
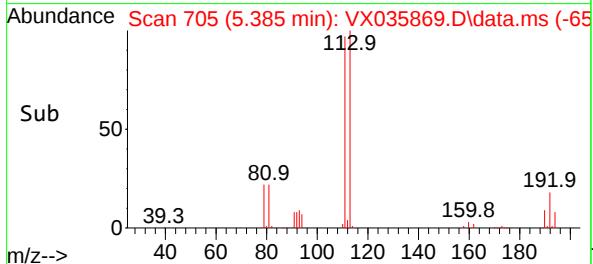
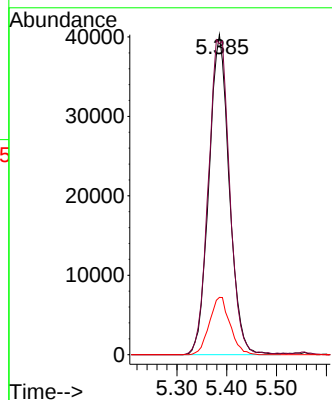
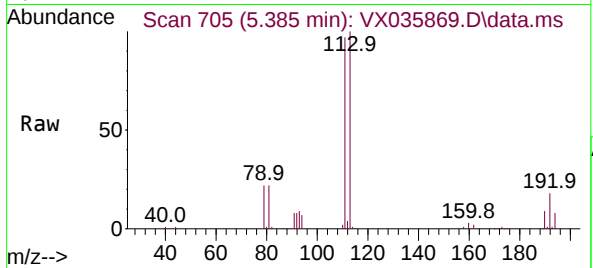




#35
Dibromofluoromethane
Concen: 48.301 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

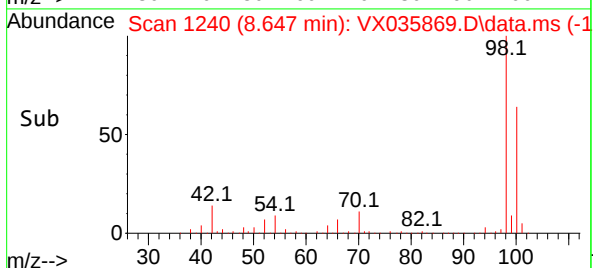
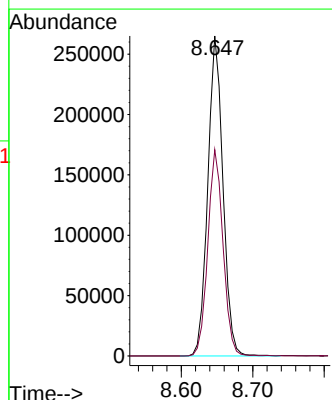
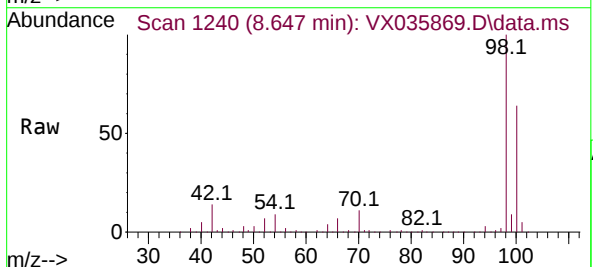
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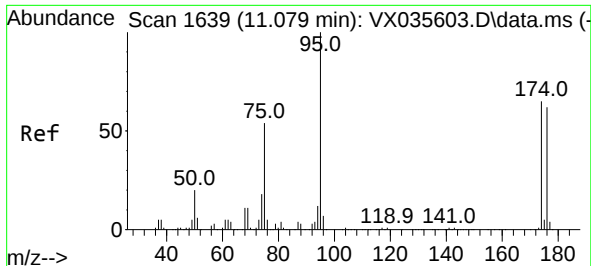
Tgt Ion:113 Resp: 114310
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.1 15.4 23.2



#50
Toluene-d8
Concen: 44.636 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

Tgt Ion: 98 Resp: 390246
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

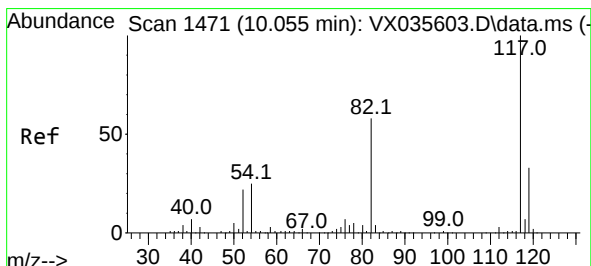
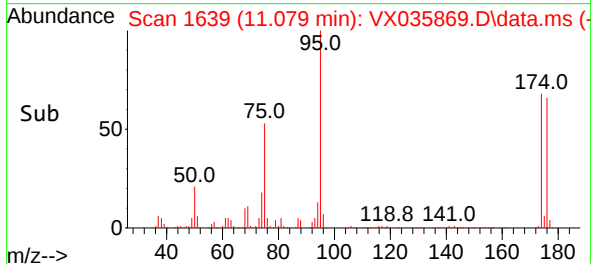
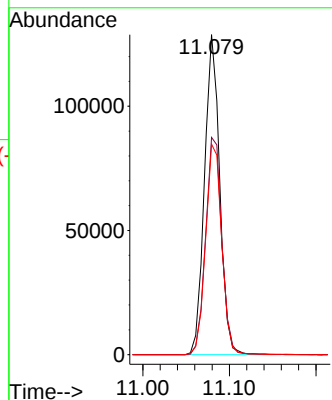
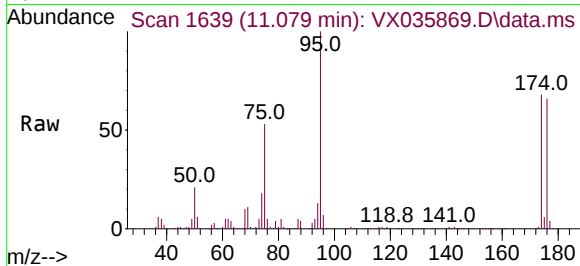




#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

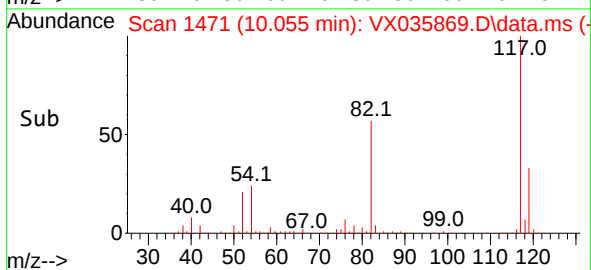
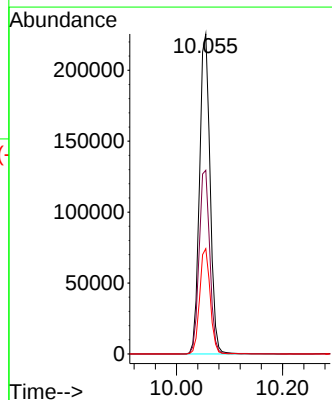
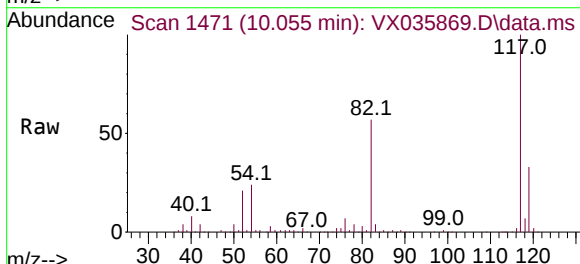
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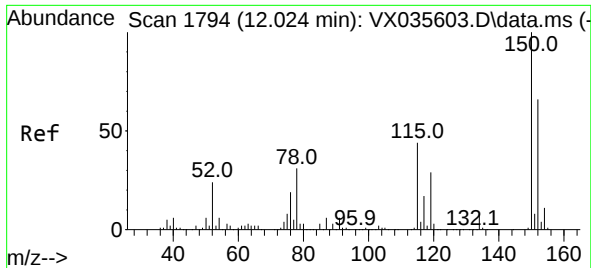
Tgt Ion: 95 Resp: 157024
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035869.D
Acq: 25 May 2023 21:24

Tgt Ion: 117 Resp: 313664
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035869.D

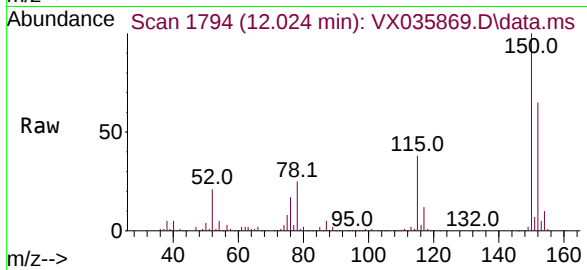
Acq: 25 May 2023 21:24

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20230522



Tgt Ion:152 Resp: 149618

Ion Ratio Lower Upper

152 100

115 62.3 45.0 135.0

150 158.4 0.0 352.4

