

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042087.D
 Acq On : 28 Jun 2024 15:52
 Operator : JC/MD
 Sample : P3128-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-EB-20240626

Quant Time: Jun 29 04:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

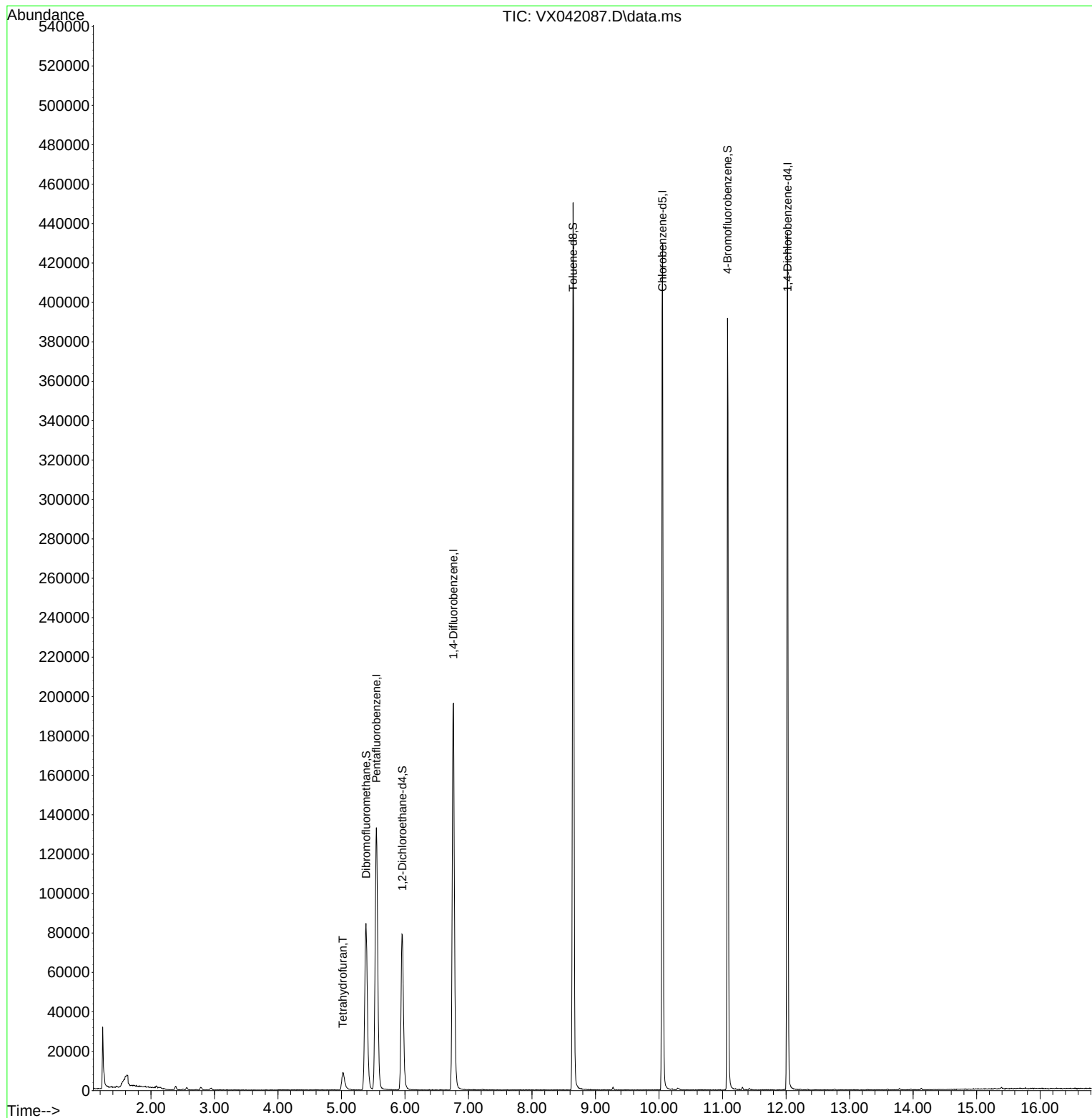
Internal Standards						
1) Pentafluorobenzene	5.550	168	149424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76256	44.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	76711	47.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	278105	49.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	102448	49.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%
Target Compounds						
29) Tetrahydrofuran	5.019	42	9606	12.636	ug/l	Qvalue 94

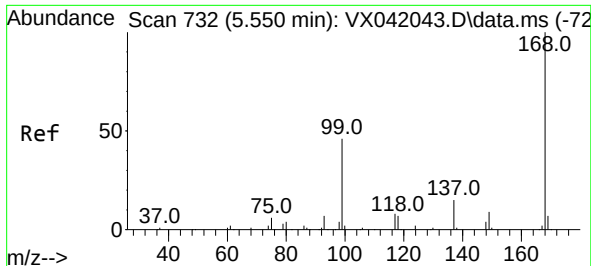
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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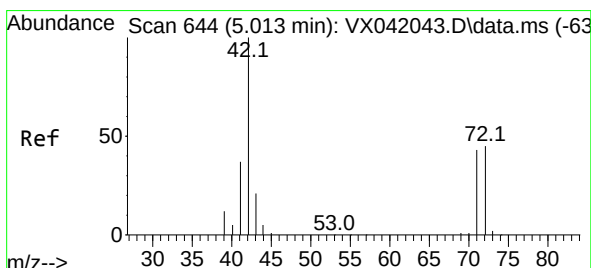
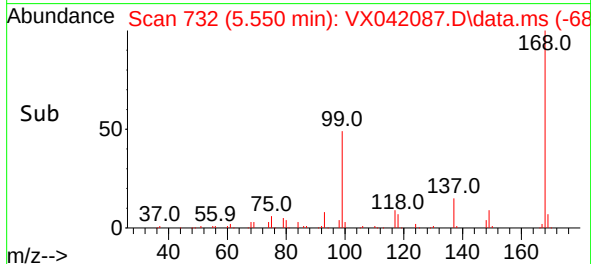
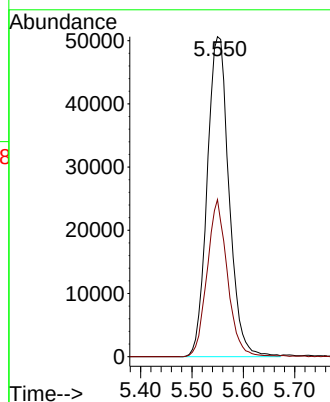
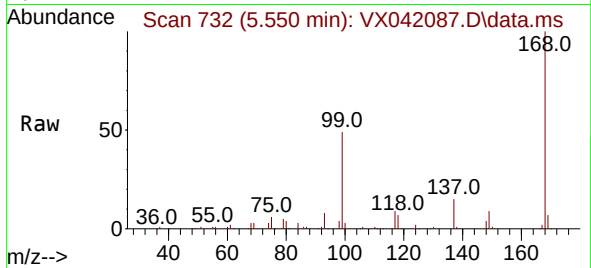




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

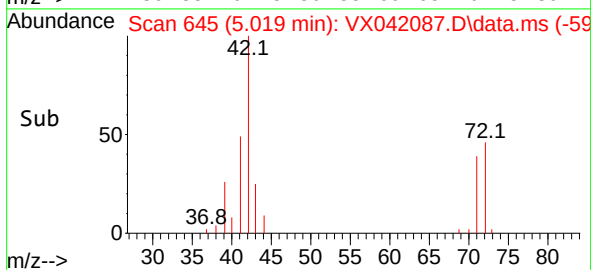
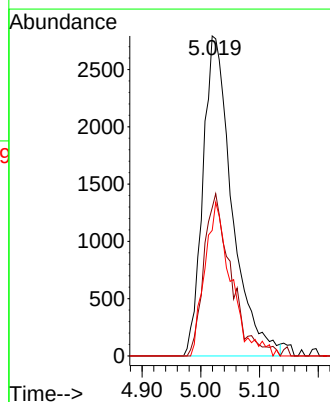
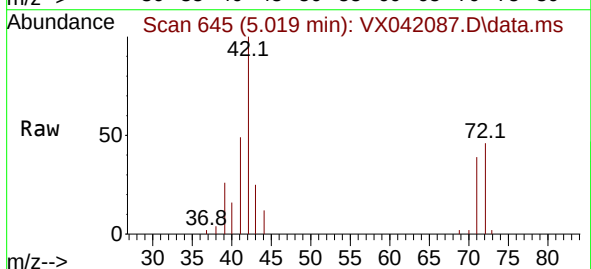
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

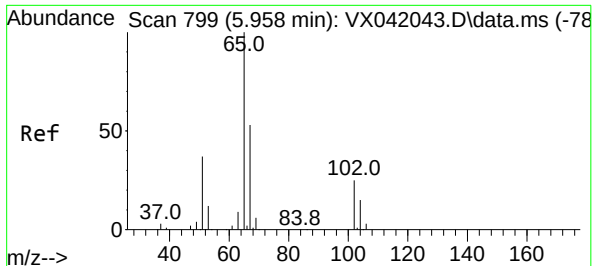
Tgt Ion:168 Resp: 149424
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#29
Tetrahydrofuran
Concen: 12.636 ug/l
RT: 5.019 min Scan# 645
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 42 Resp: 9606
Ion Ratio Lower Upper
42 100
72 47.4 34.2 51.4
71 43.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 44.256 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042087.D

Acq: 28 Jun 2024 15:52

Instrument :

MSVOA_X

ClientSampleId :

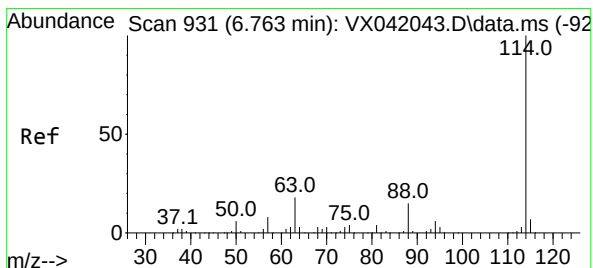
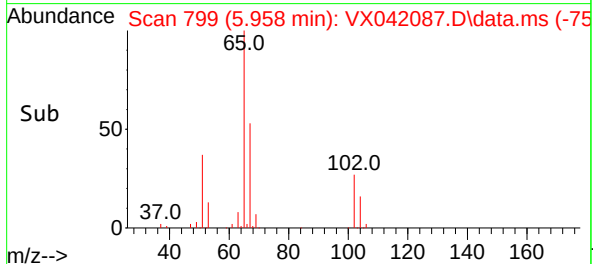
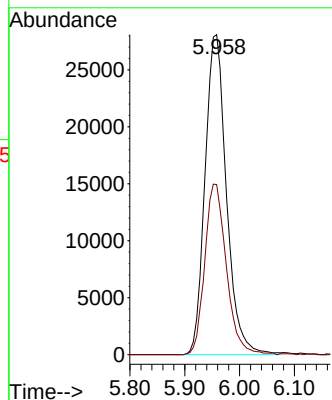
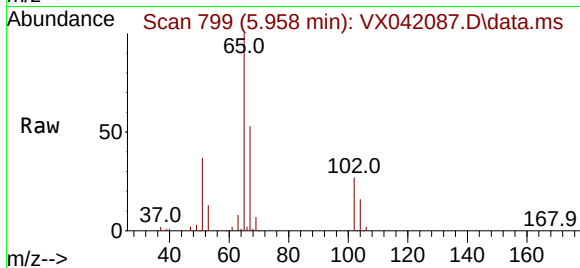
BP-VPB-189-EB-20240626

Tgt Ion: 65 Resp: 76256

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: VX042087.D

Acq: 28 Jun 2024 15:52

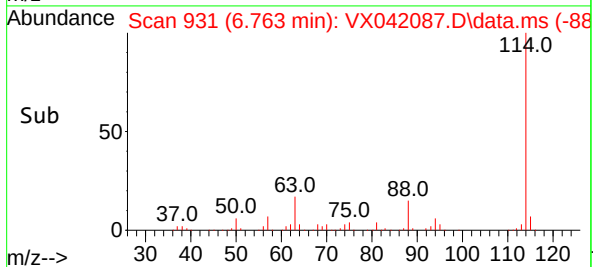
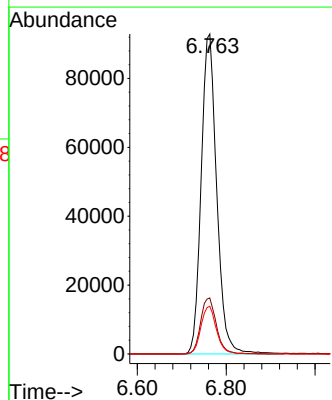
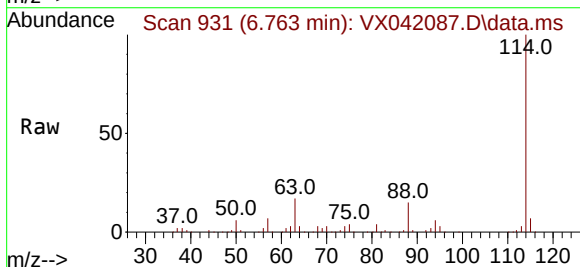
Tgt Ion: 114 Resp: 226064

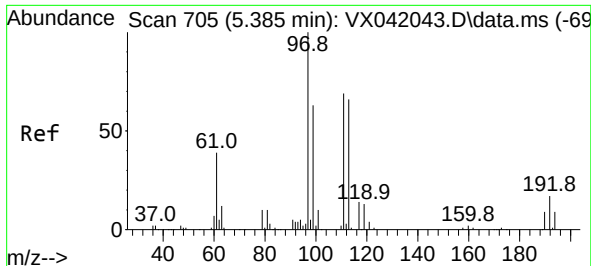
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 14.9 0.0 36.6

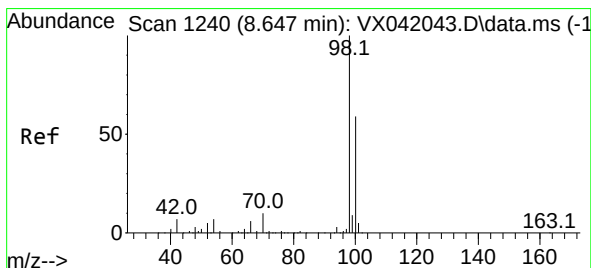
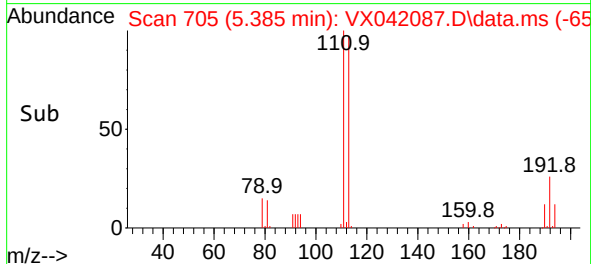
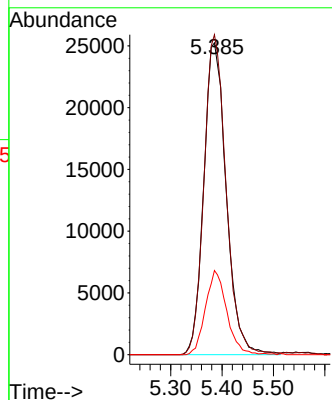
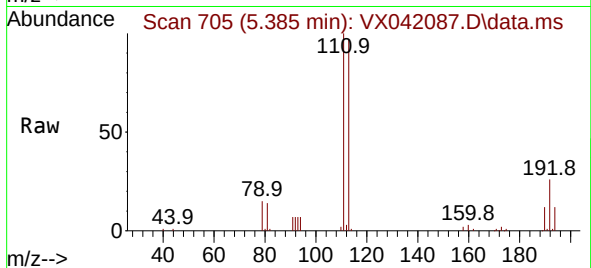




#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

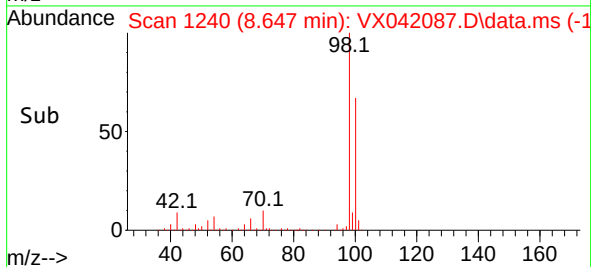
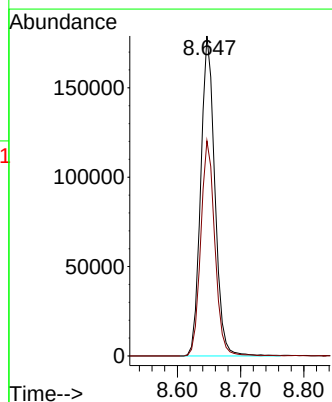
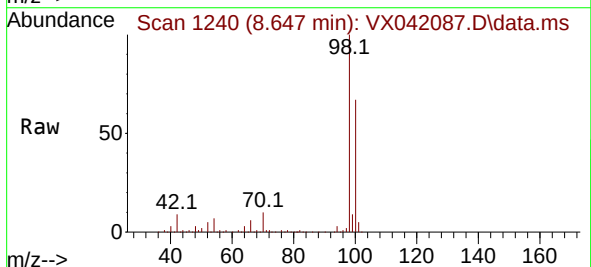
Instrument :
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ClientSampleId :
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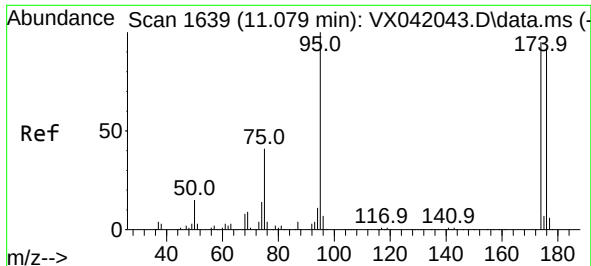
Tgt Ion:113 Resp: 76711
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.4 13.3 19.9#



#50
Toluene-d8
Concen: 49.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 98 Resp: 278105
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

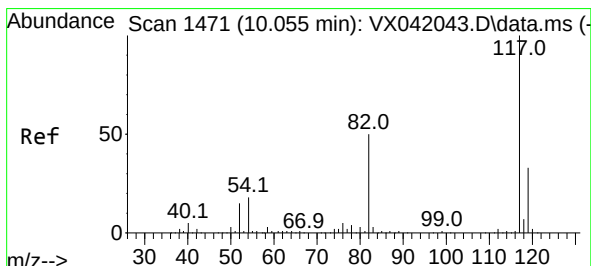
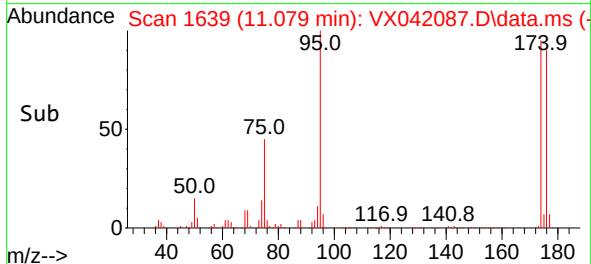
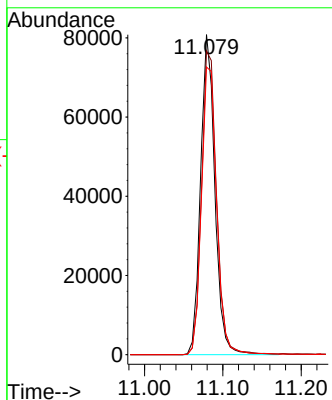
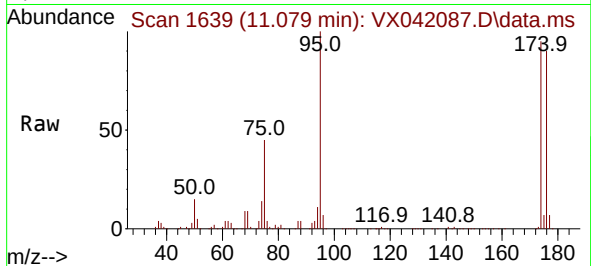




#62
4-Bromofluorobenzene
Concen: 49.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

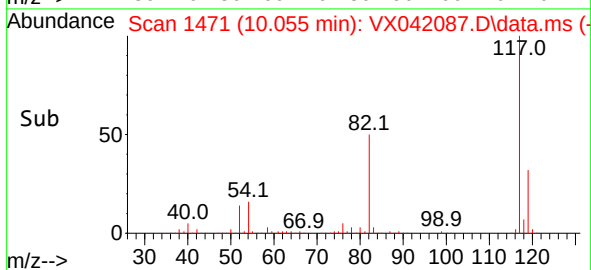
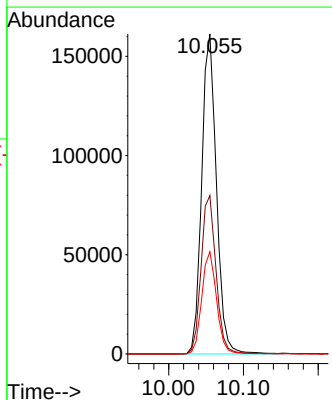
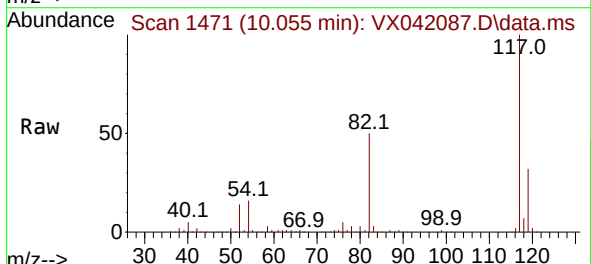
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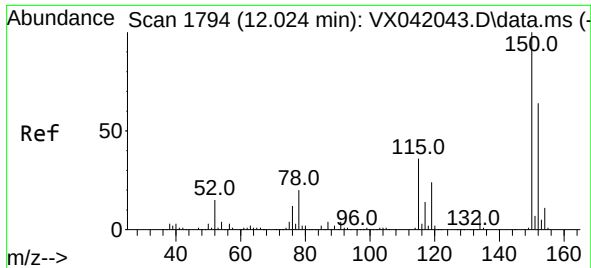
Tgt Ion: 95 Resp: 102448
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 96.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

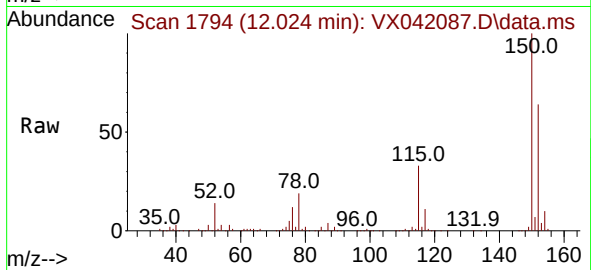
Tgt Ion: 117 Resp: 220692
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042087.D
 Acq: 28 Jun 2024 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-EB-20240626



Tgt Ion:152 Resp: 105868
 Ion Ratio Lower Upper
 152 100
 115 52.2 43.3 129.9
 150 156.4 0.0 345.0

