

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043050.D
 Acq On : 15 Aug 2024 10:06
 Operator : JC/MD
 Sample : VX0815WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBL01

Quant Time: Aug 16 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	166668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56195	43.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	49147	47.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	192213	48.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	64894	44.965	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.940%

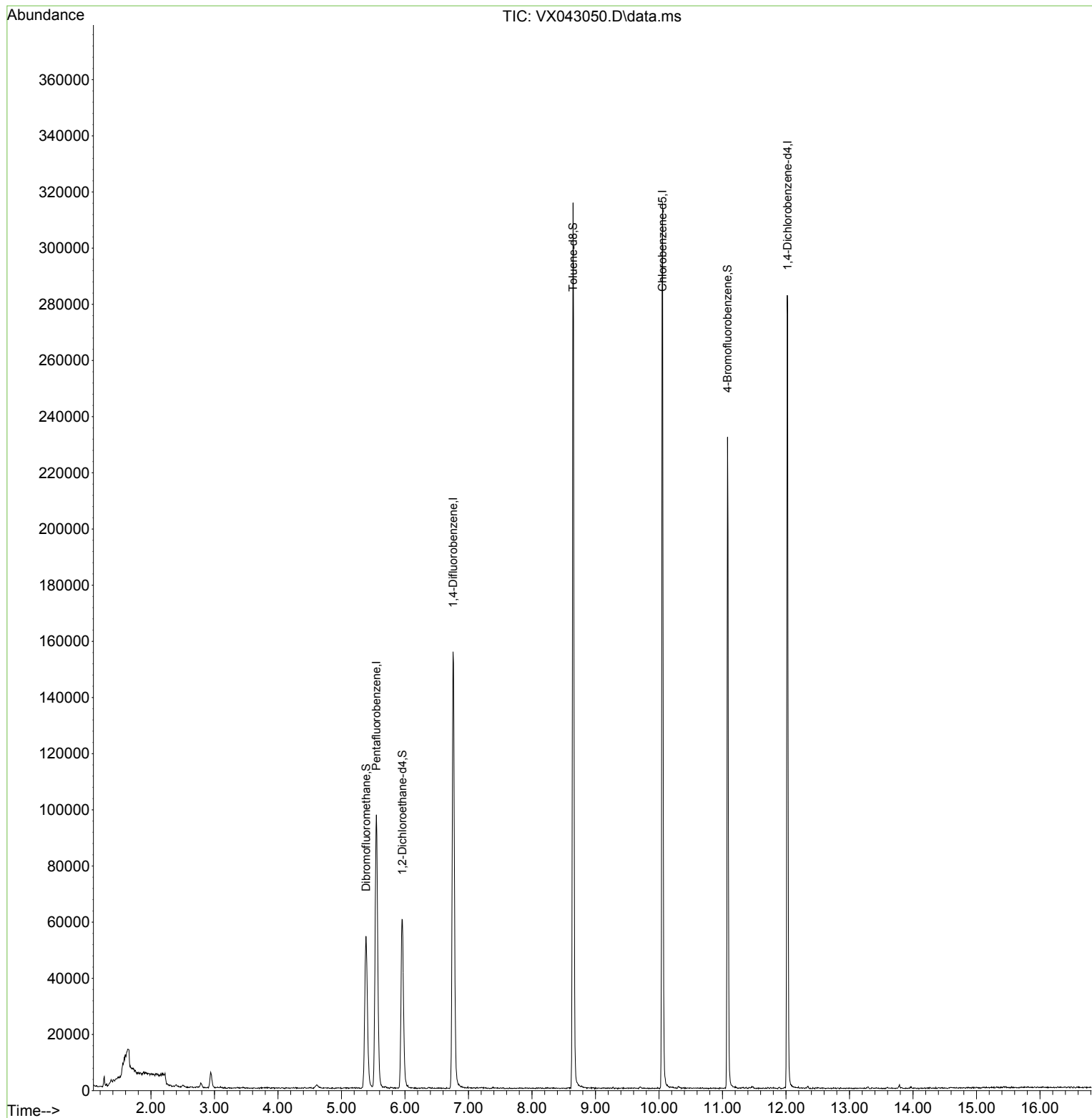
Target Compounds	Qvalue

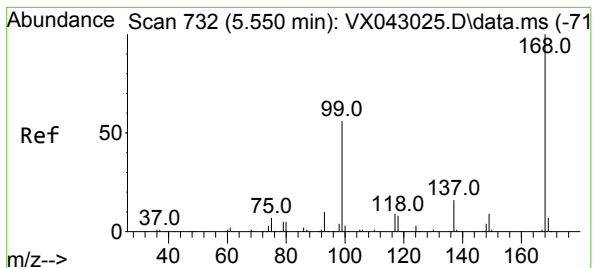
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

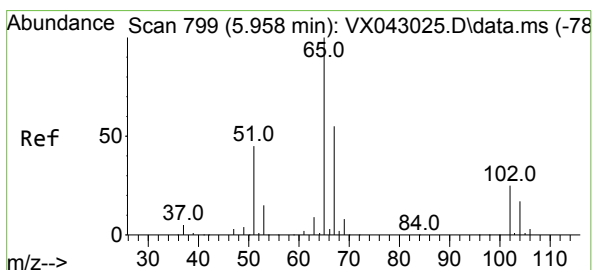
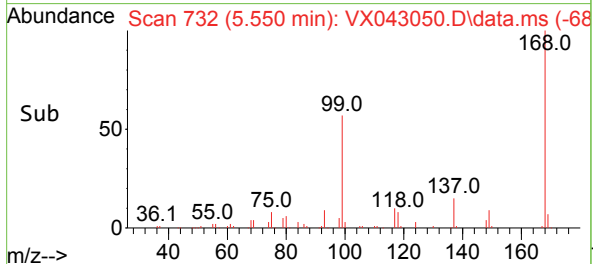
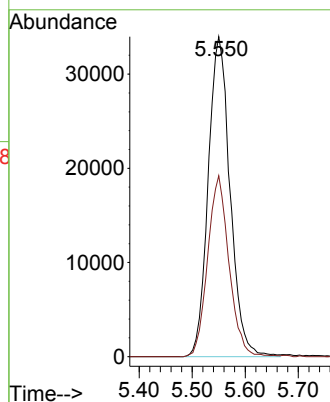
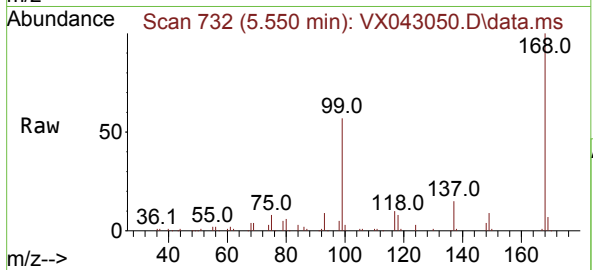
VX0815WBL01

Tgt Ion:168 Resp: 97298

Ion Ratio Lower Upper

168 100

99 56.6 56.6 85.0#



#33

1,2-Dichloroethane-d4

Concen: 43.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043050.D

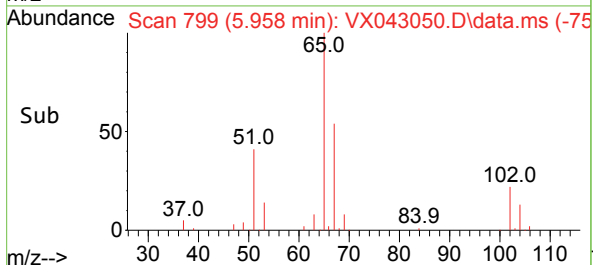
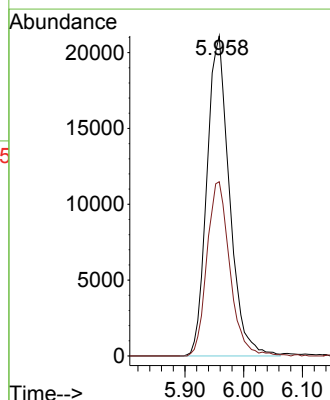
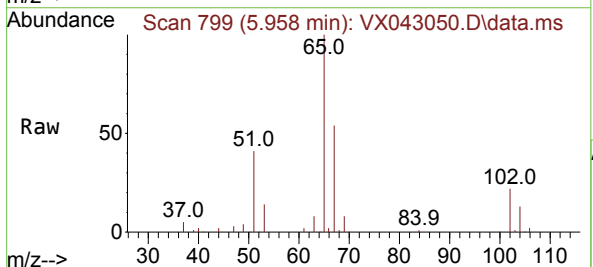
Acq: 15 Aug 2024 10:06

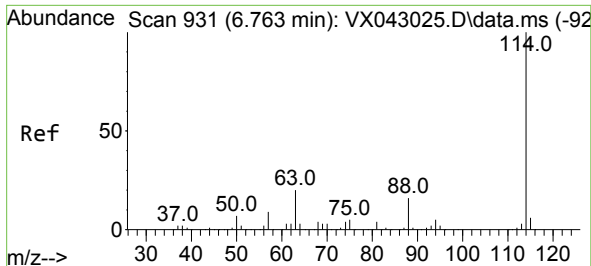
Tgt Ion: 65 Resp: 56195

Ion Ratio Lower Upper

65 100

67 55.4 0.0 100.2

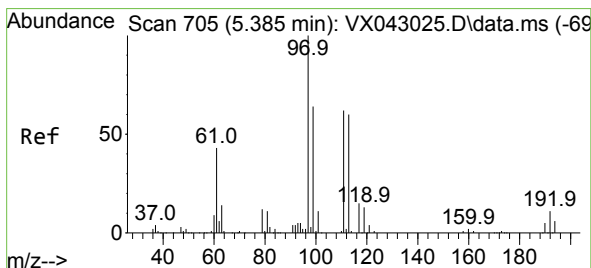
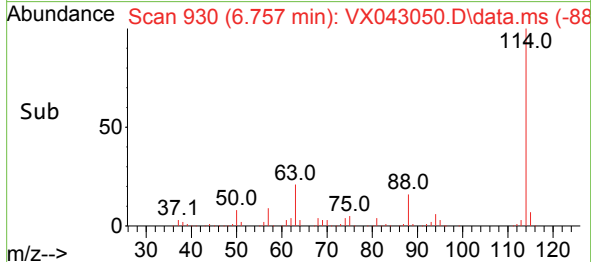
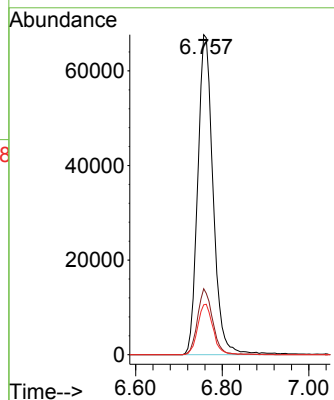
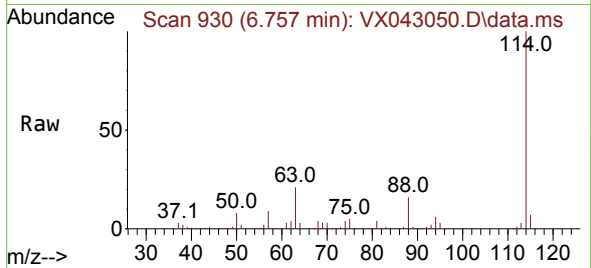




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

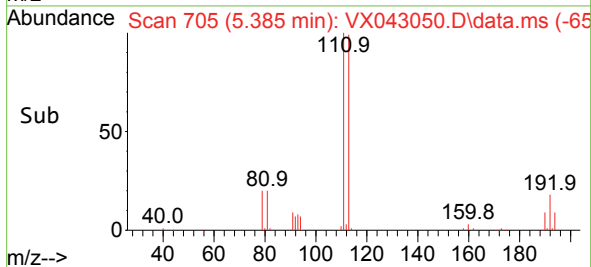
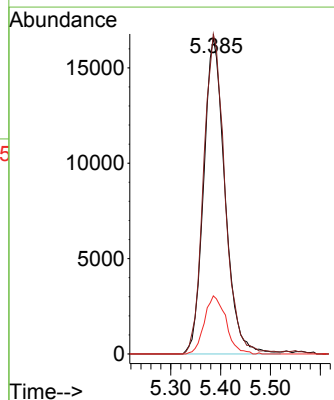
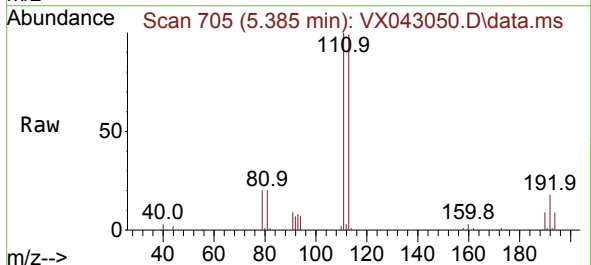
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

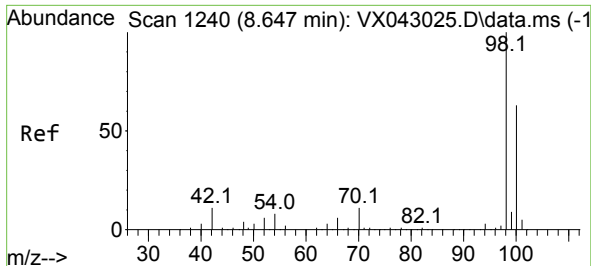
Tgt Ion:114 Resp: 166668
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion:113 Resp: 49147
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.6 13.3 19.9

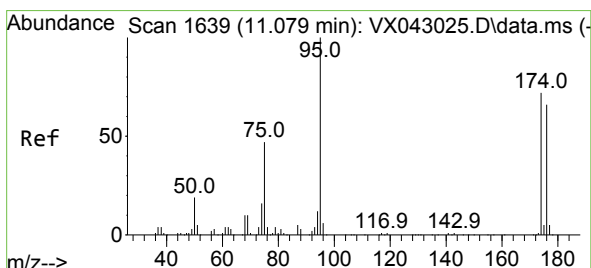
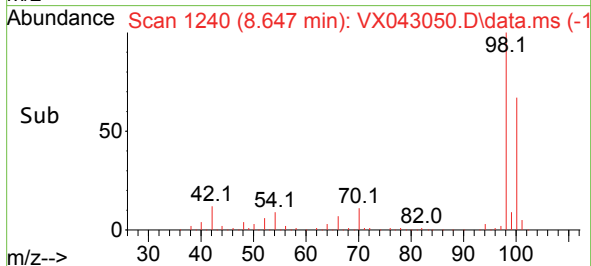
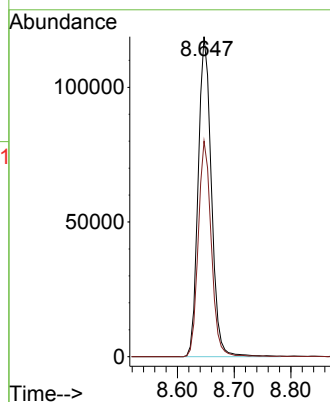
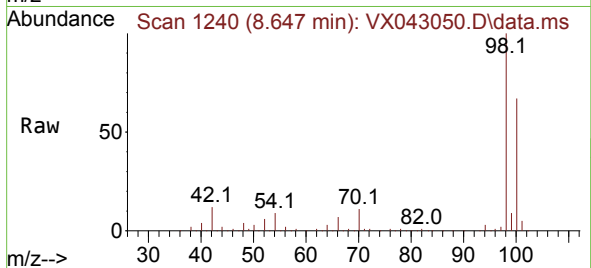




#50
Toluene-d8
Concen: 48.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

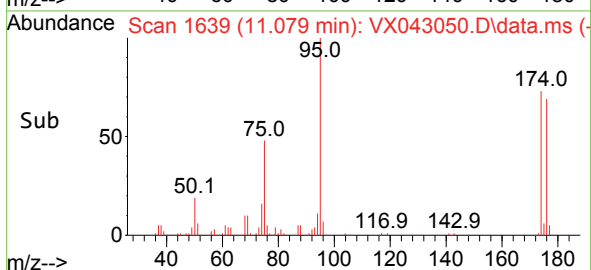
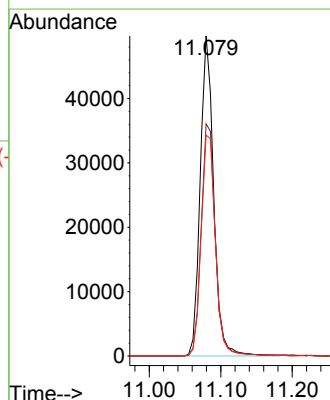
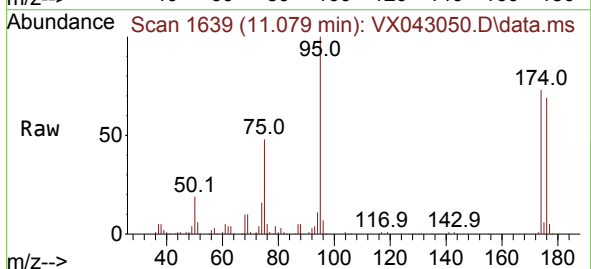
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

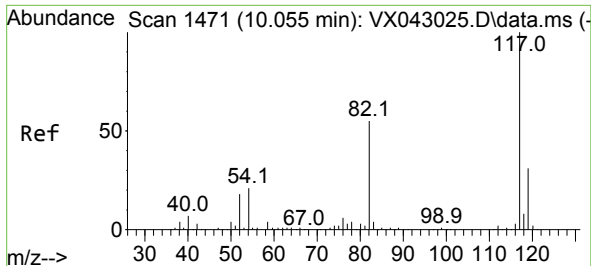
Tgt Ion: 98 Resp: 192213
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion: 95 Resp: 64894
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 73.2 0.0 131.0

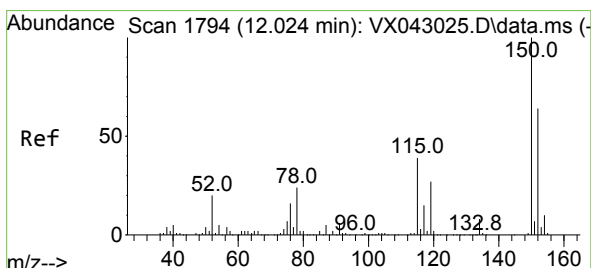
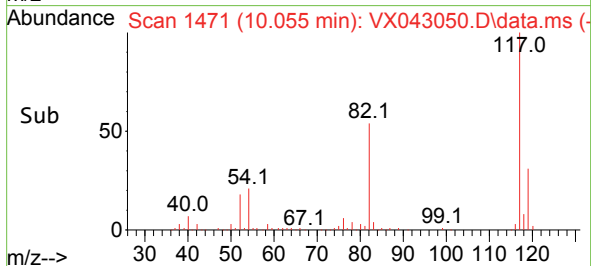
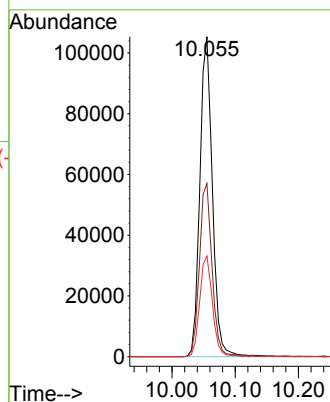
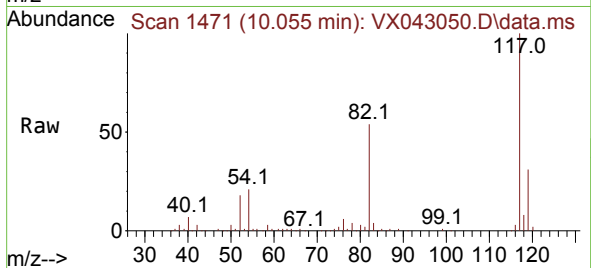




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043050.D
Acq: 15 Aug 2024 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion:117 Resp: 145539
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.4 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: VX043050.D
Acq: 15 Aug 2024 10:06

Tgt Ion:152 Resp: 62198
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 157.2 0.0 345.0

