

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041919.D
 Acq On : 18 Jun 2024 13:35
 Operator : JC/MD
 Sample : VX0618WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Quant Time: Jun 19 08:08:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173258	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85126	42.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.220%
35) Dibromofluoromethane	5.385	113	81800	43.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.440%
50) Toluene-d8	8.647	98	312525	47.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.020%
62) 4-Bromofluorobenzene	11.079	95	121911	49.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.480%

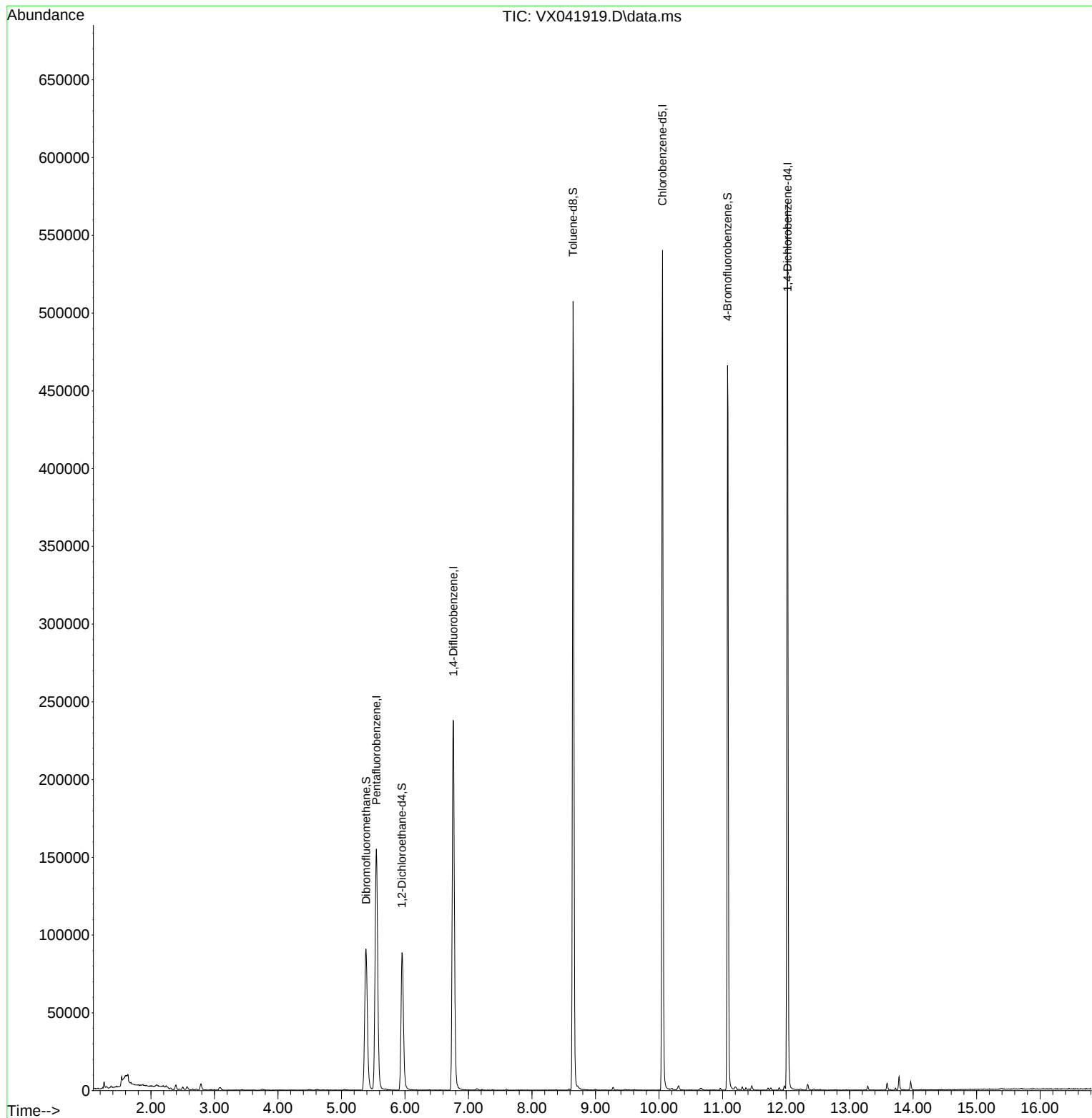
Target Compounds	Qvalue

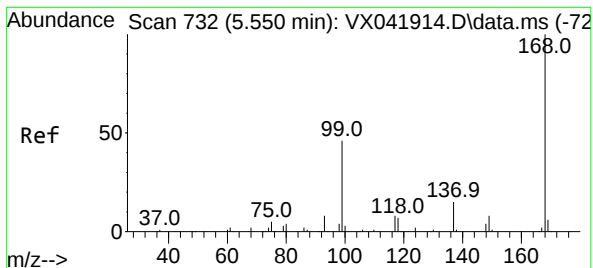
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041919.D

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Instrument :

MSVOA_X

ClientSampleId :

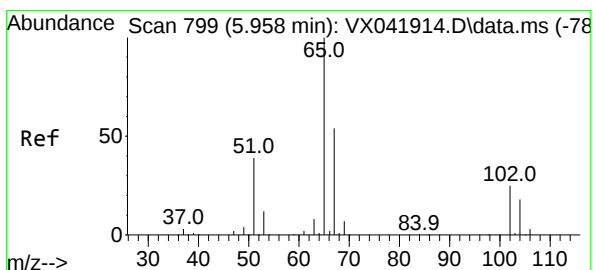
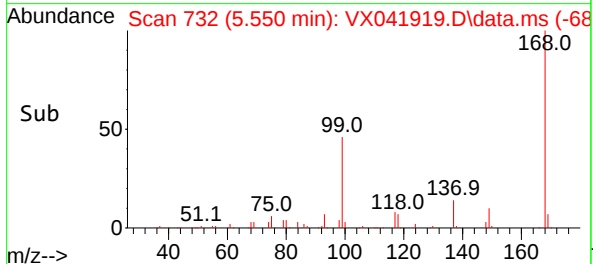
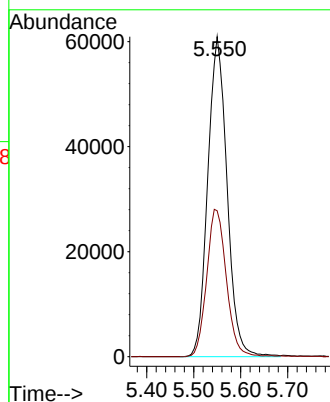
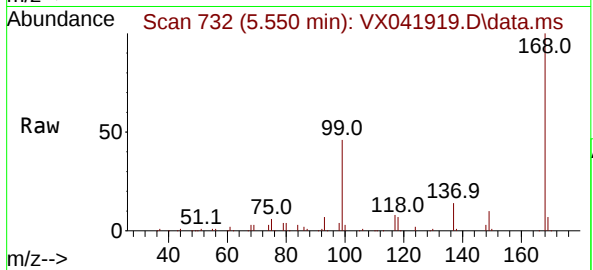
VX0618WBL01

Tgt Ion:168 Resp: 173258

Ion Ratio Lower Upper

168 100

99 45.6 56.6 85.0#



#33

1,2-Dichloroethane-d4

Concen: 42.608 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041919.D

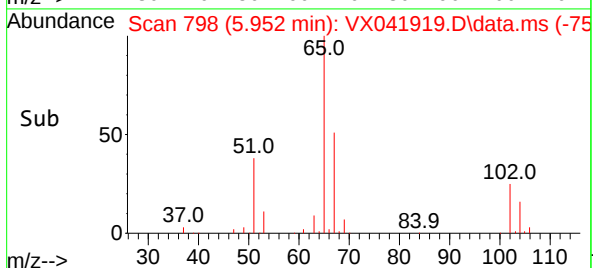
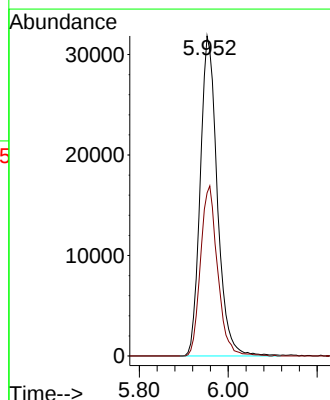
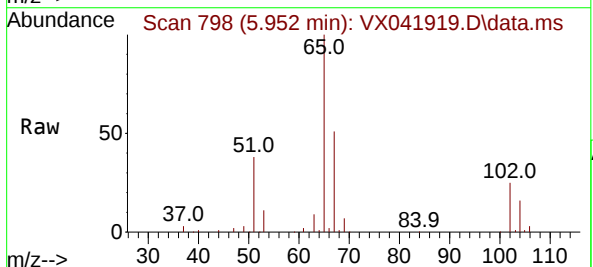
Acq: 18 Jun 2024 13:35

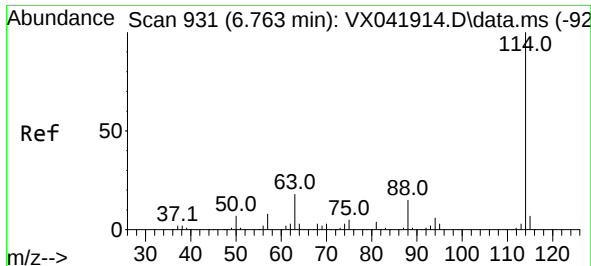
Tgt Ion: 65 Resp: 85126

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2

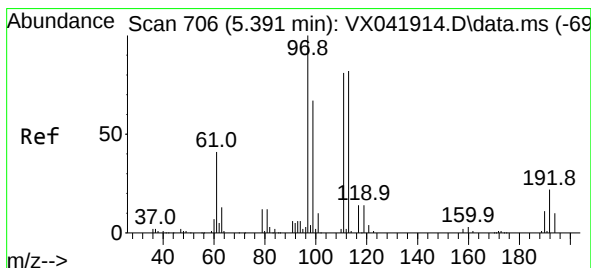
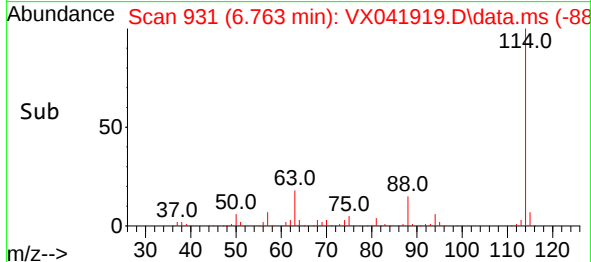
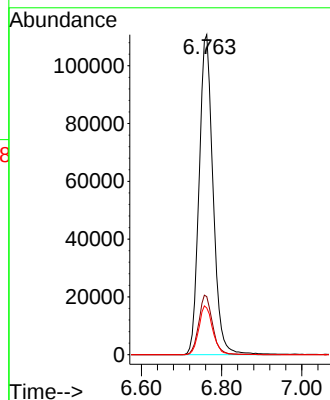
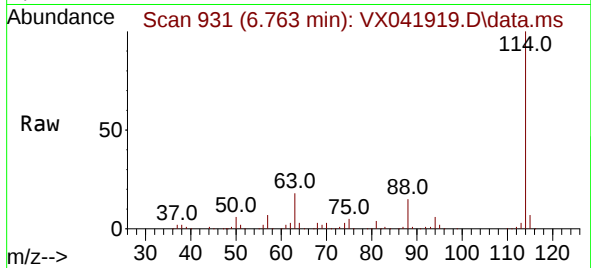




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041919.D
Acq: 18 Jun 2024 13:35

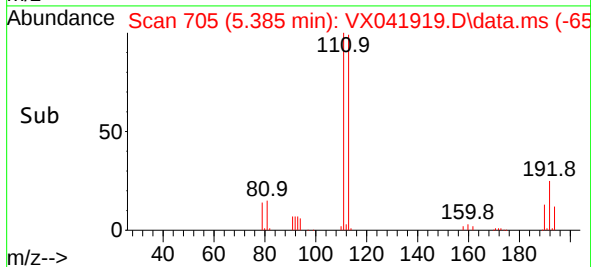
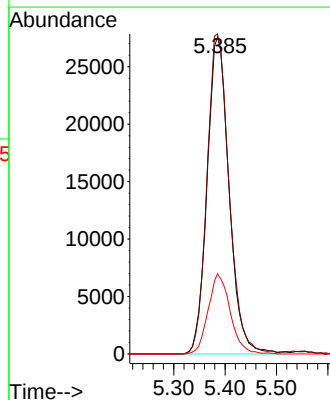
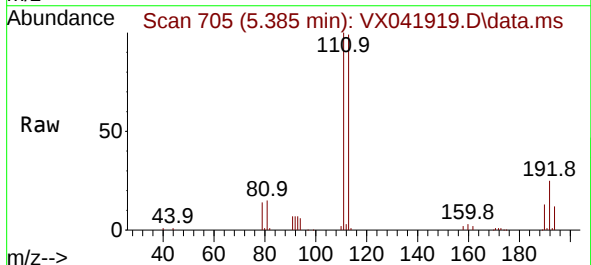
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

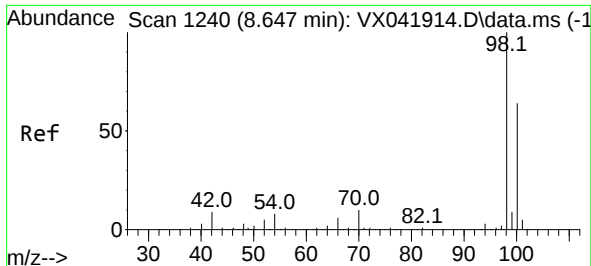
Tgt Ion:114 Resp: 266721
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.223 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041919.D
Acq: 18 Jun 2024 13:35

Tgt Ion:113 Resp: 81800
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.4 13.3 19.9#

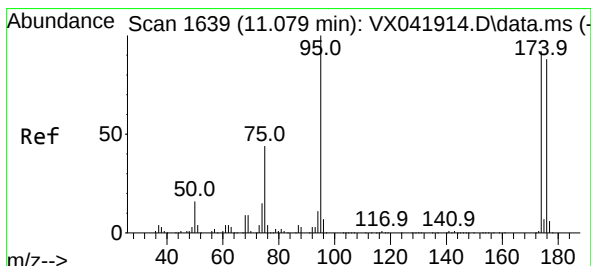
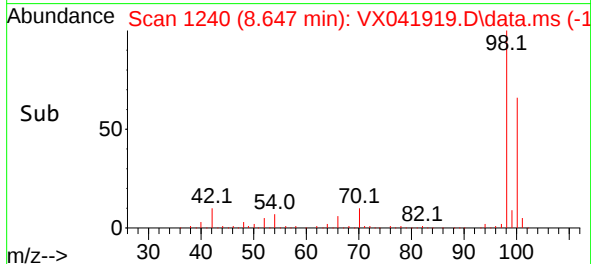
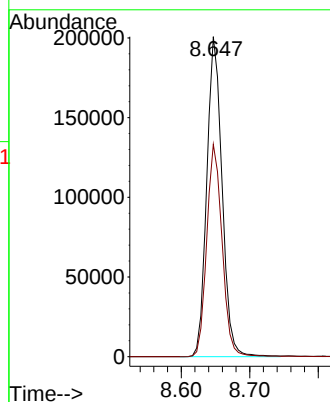
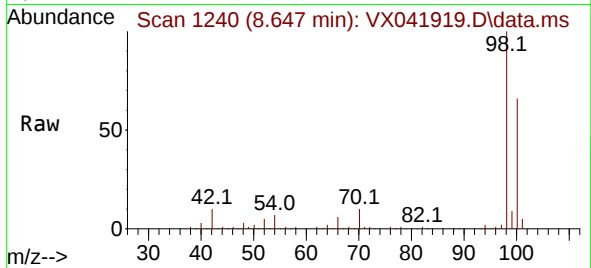




#50
Toluene-d8
Concen: 47.006 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041919.D
Acq: 18 Jun 2024 13:35

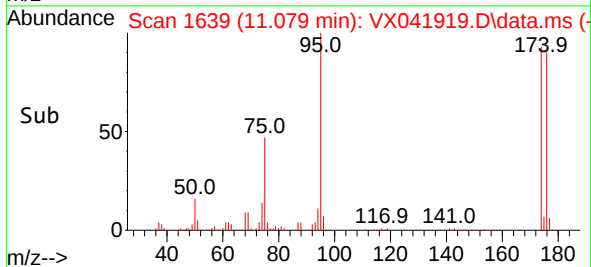
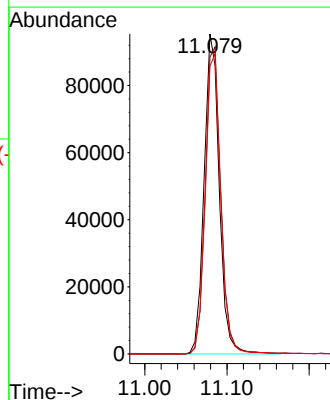
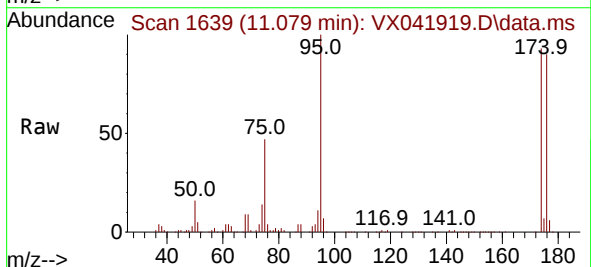
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

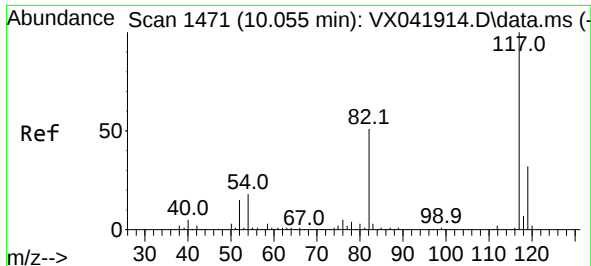
Tgt Ion: 98 Resp: 312525
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041919.D
Acq: 18 Jun 2024 13:35

Tgt Ion: 95 Resp: 121911
Ion Ratio Lower Upper
95 100
174 99.1 0.0 135.6
176 95.8 0.0 131.0

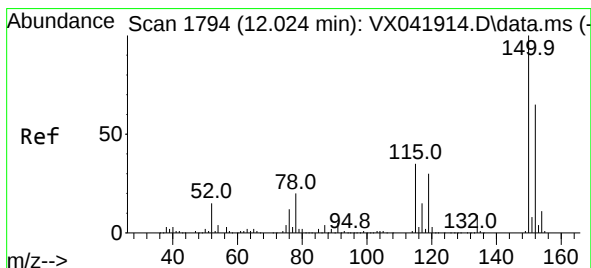
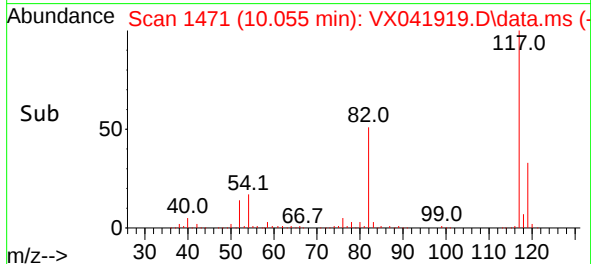
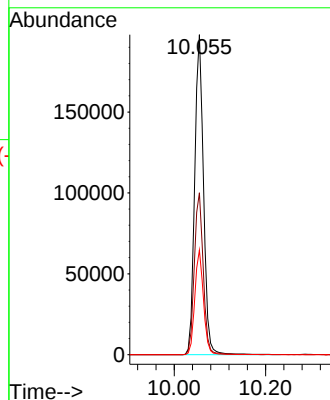
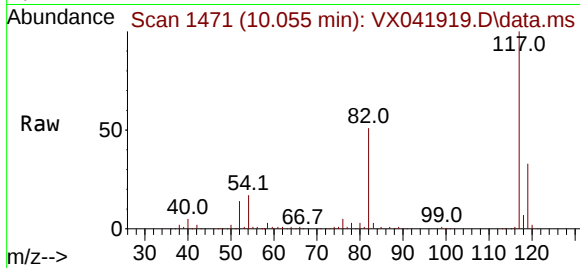




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041919.D
Acq: 18 Jun 2024 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

Tgt Ion:117 Resp: 265666
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.7 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: VX041919.D
Acq: 18 Jun 2024 13:35

Tgt Ion:152 Resp: 140831
Ion Ratio Lower Upper
152 100
115 53.4 43.3 129.9
150 156.0 0.0 345.0

