

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043031.D
 Acq On : 14 Aug 2024 15:02
 Operator : JC/MD
 Sample : VX0814MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBL01

Quant Time: Aug 15 04:32:58 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	93548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57269	46.589	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	5.385	113	50905	49.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	200111	50.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	66668	46.447	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.900%

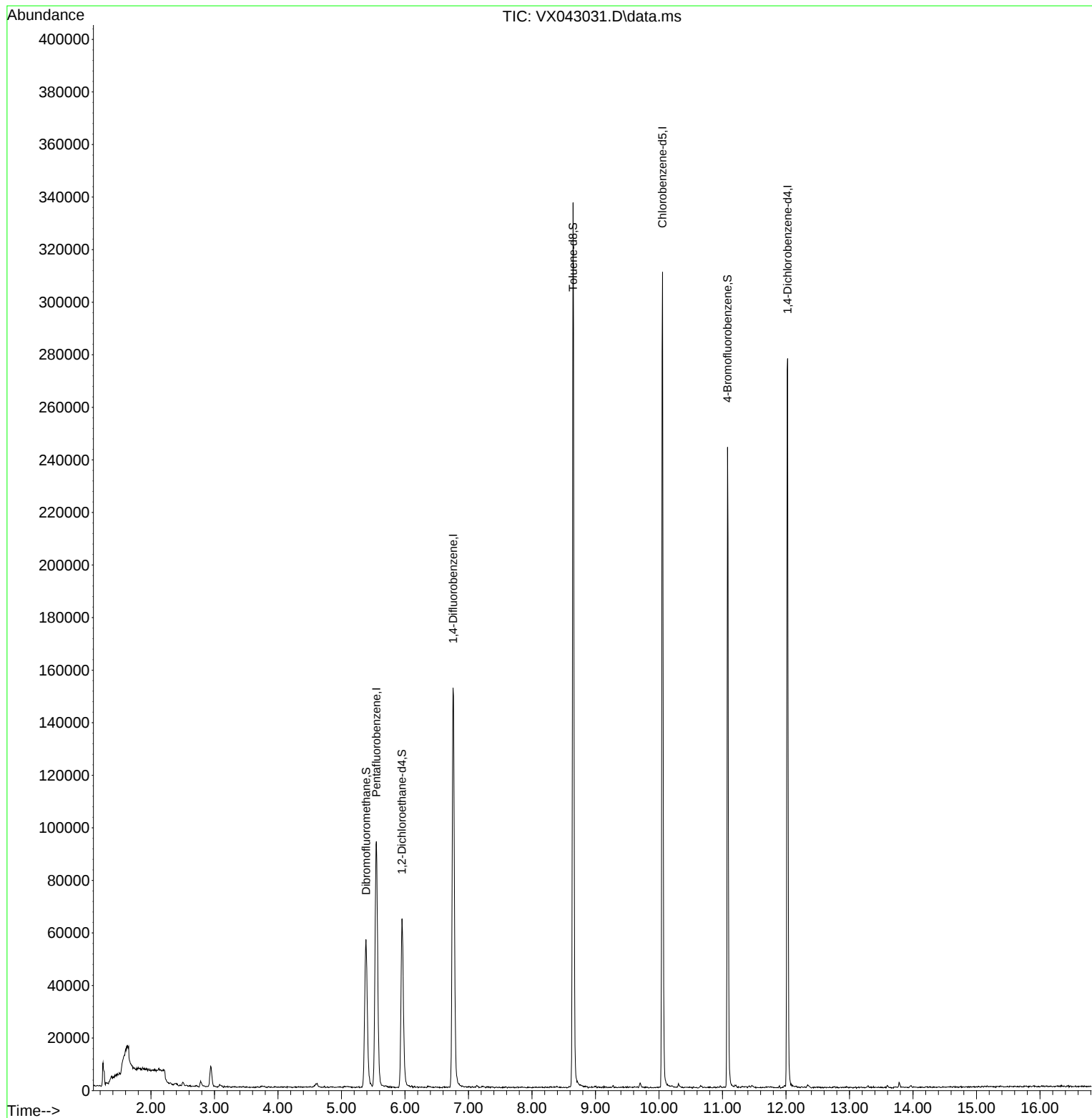
Target Compounds	Qvalue

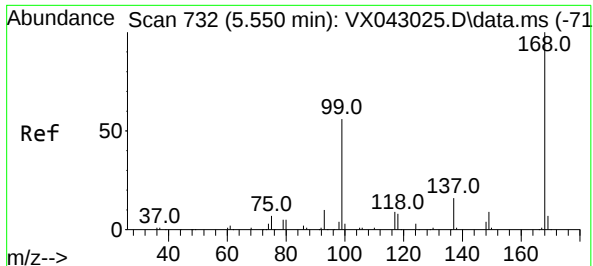
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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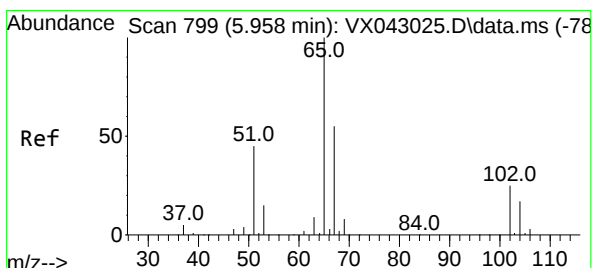
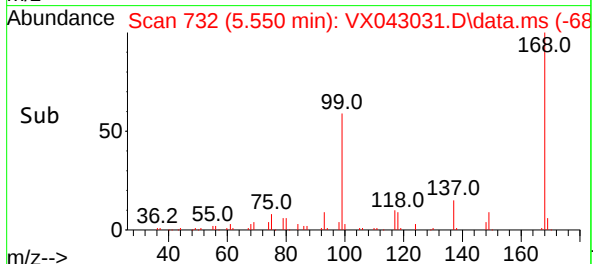
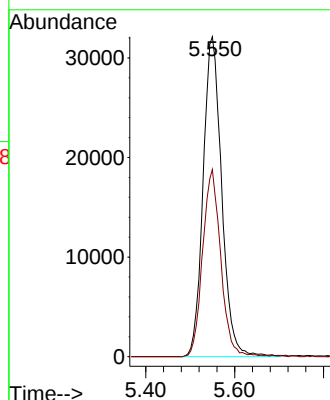
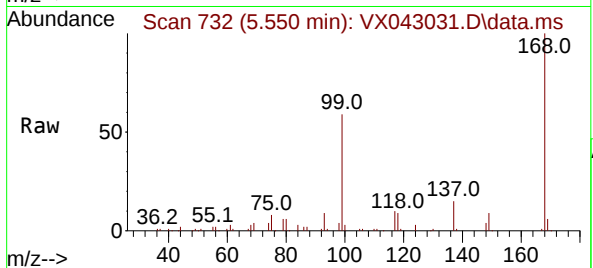




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

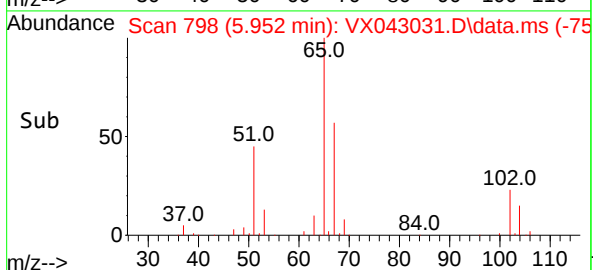
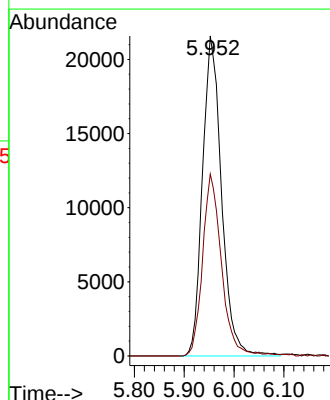
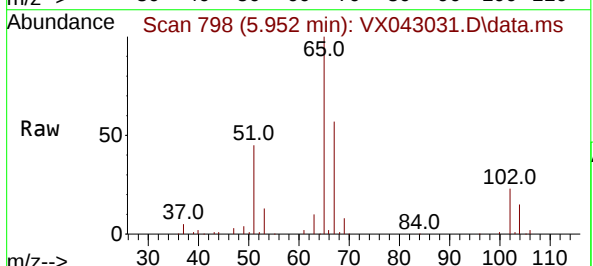
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

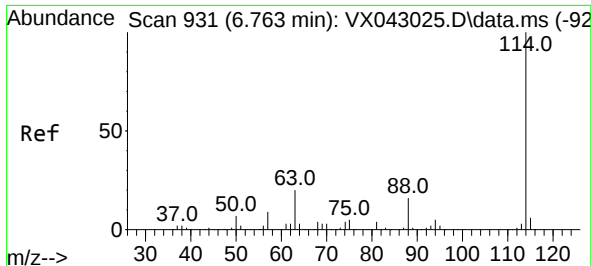
Tgt Ion:168 Resp: 93548
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.589 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 65 Resp: 57269
Ion Ratio Lower Upper
65 100
67 56.2 0.0 100.2

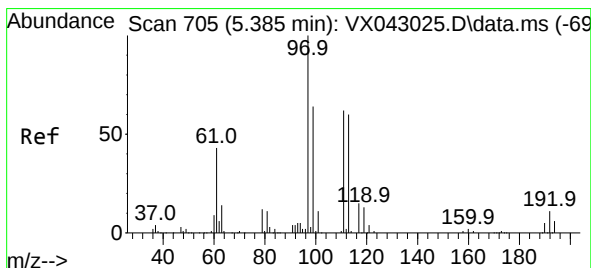
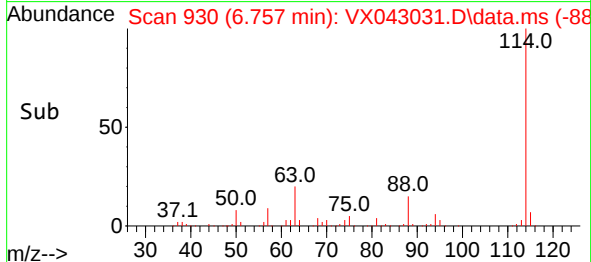
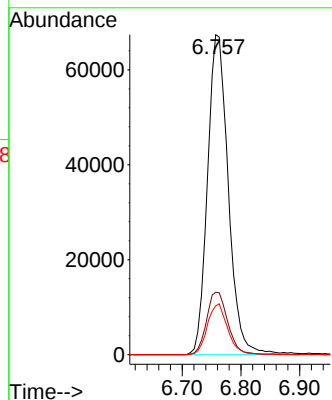
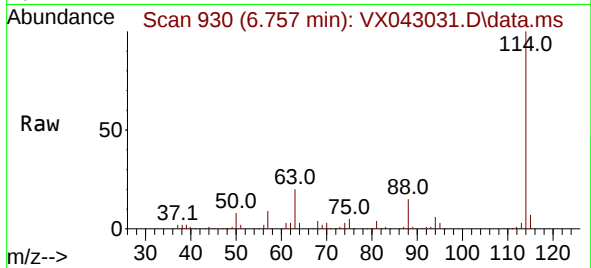




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

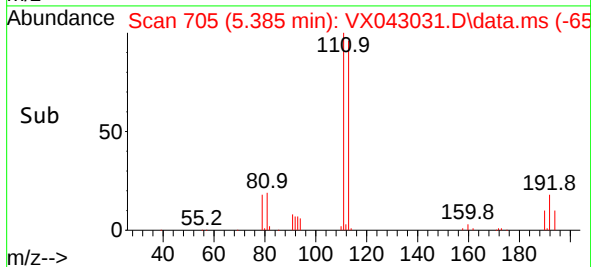
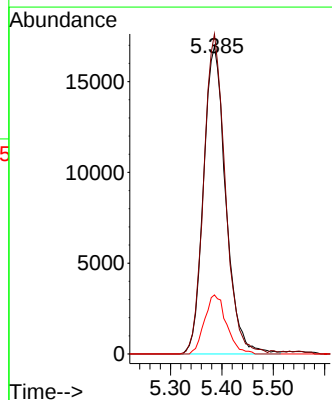
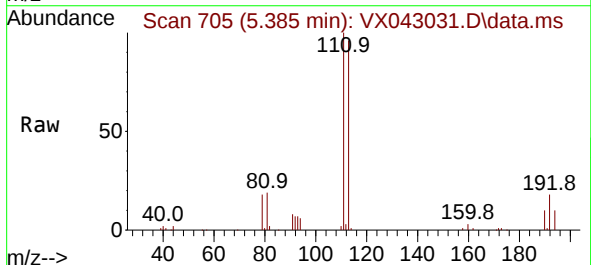
Instrument :
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ClientSampleId :
VX0814MBL01

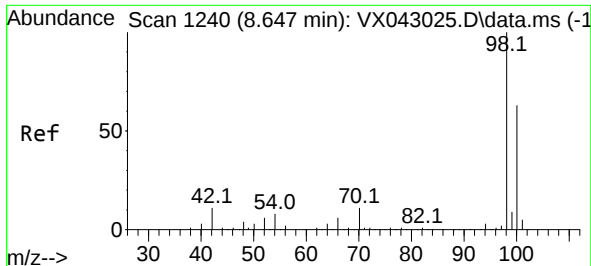
Tgt Ion:114 Resp: 165761
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion:113 Resp: 50905
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.9 13.3 19.9

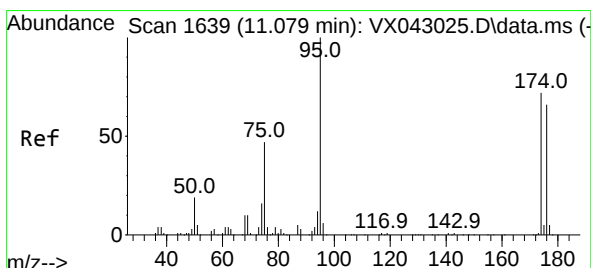
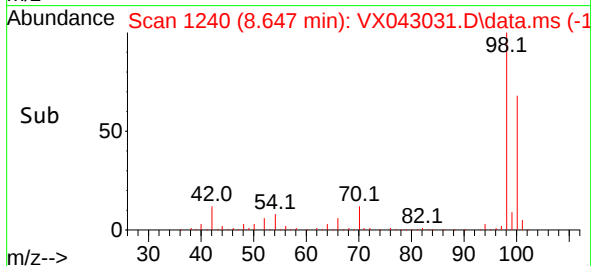
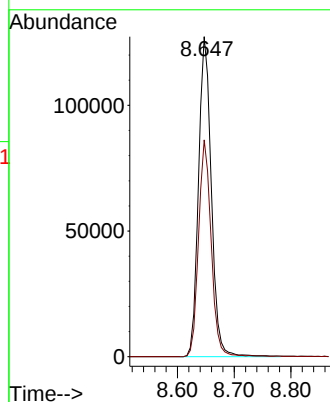
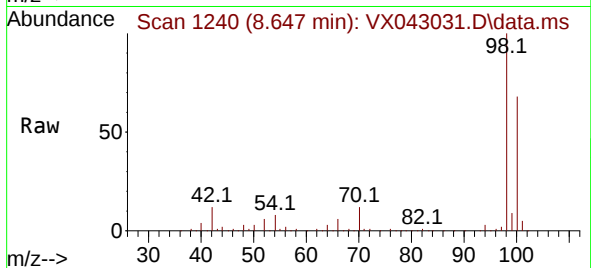




#50
Toluene-d8
Concen: 50.552 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

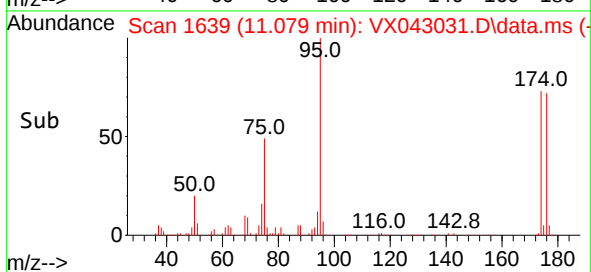
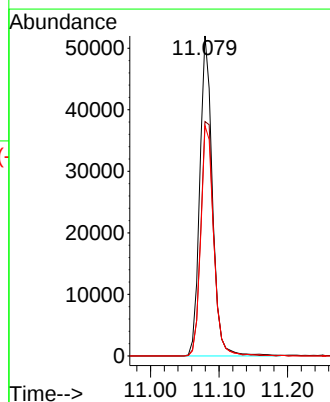
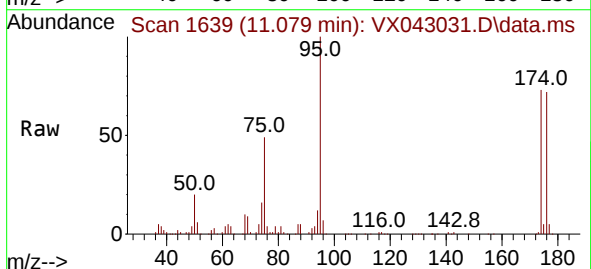
Instrument :
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VX0814MBL01

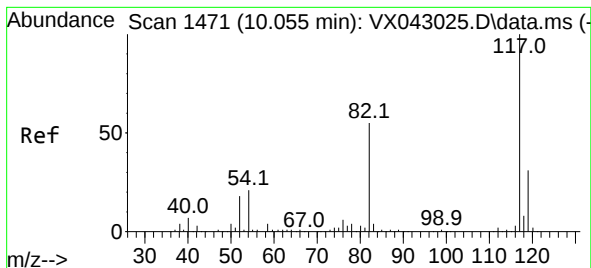
Tgt Ion: 98 Resp: 200111
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 95 Resp: 66668
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 73.7 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: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0814MBL01

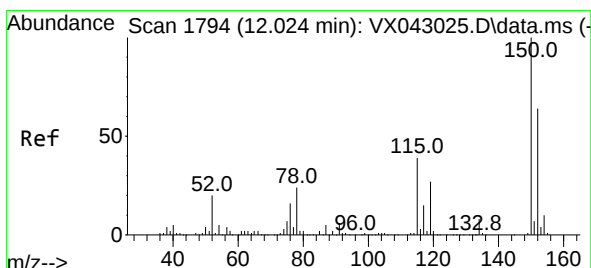
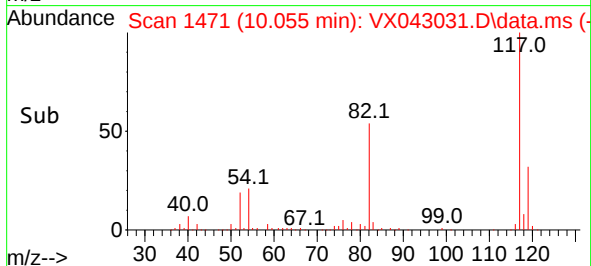
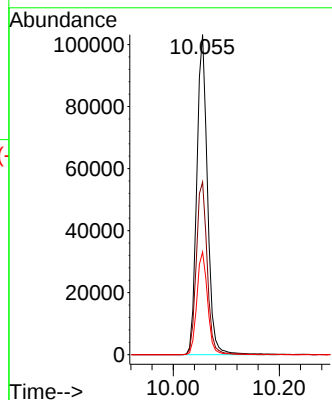
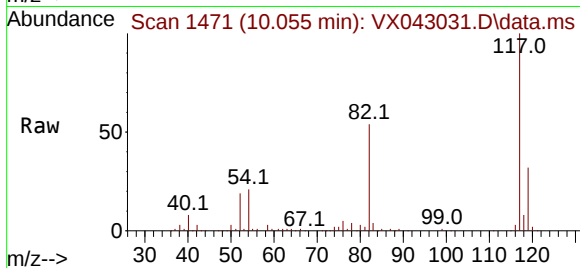
Tgt Ion:117 Resp: 144399

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.1 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: VX043031.D

Acq: 14 Aug 2024 15:02

Tgt Ion:152 Resp: 62362

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 155.9 0.0 345.0

