

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044025.D
 Acq On : 27 Nov 2024 09:15
 Operator : JC/MD
 Sample : VX1127MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBL01

Quant Time: Nov 28 00:39:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	119396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	228047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	207542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100927	49.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.560%
35) Dibromofluoromethane	5.379	113	76981	47.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	280743	49.980	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	94181	49.267	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.540%

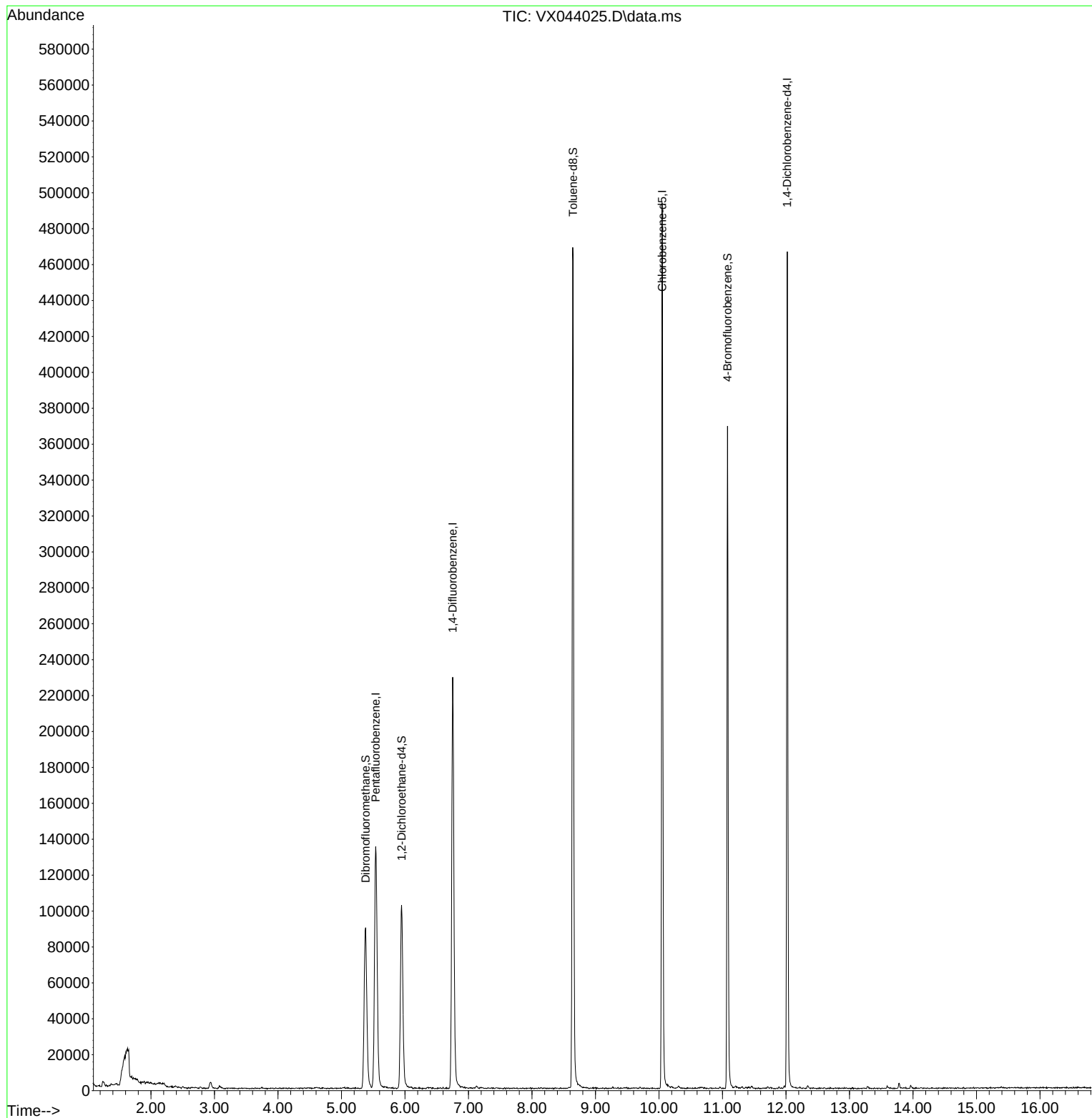
Target Compounds	Qvalue

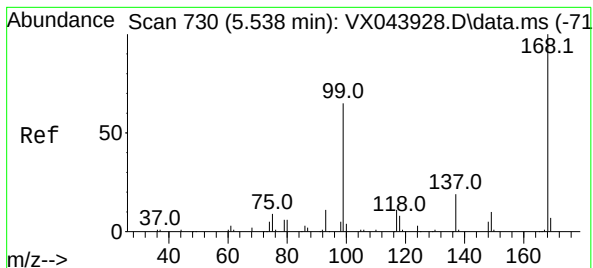
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.000 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

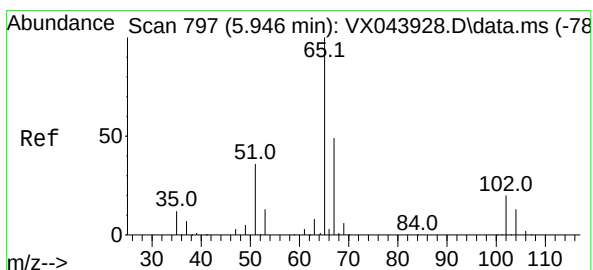
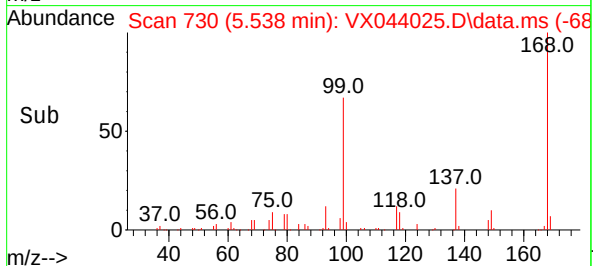
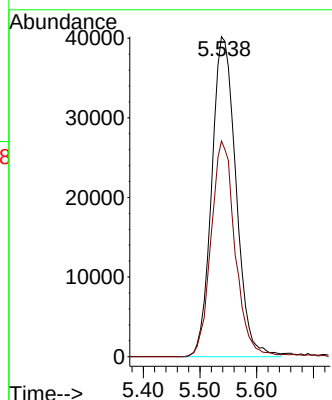
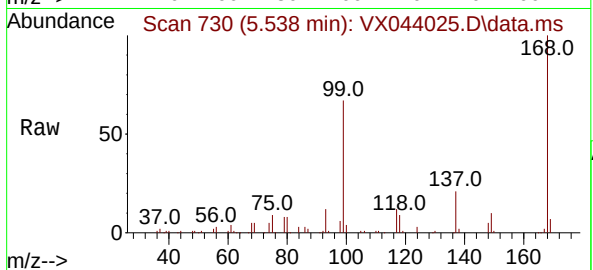
VX1127MBL01

Tgt Ion:168 Resp: 119396

Ion Ratio Lower Upper

168 100

99 67.4 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 49.284 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044025.D

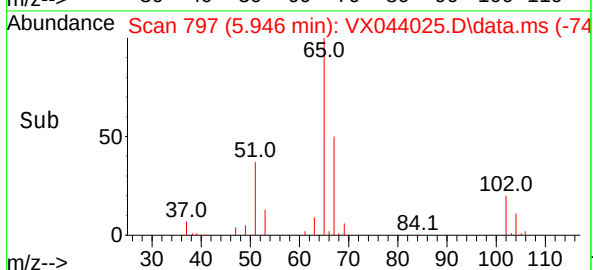
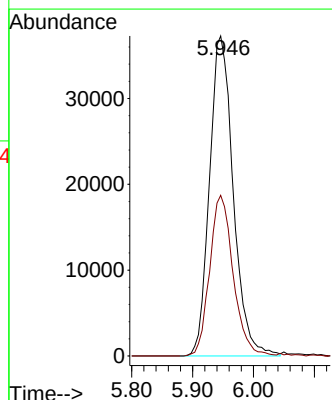
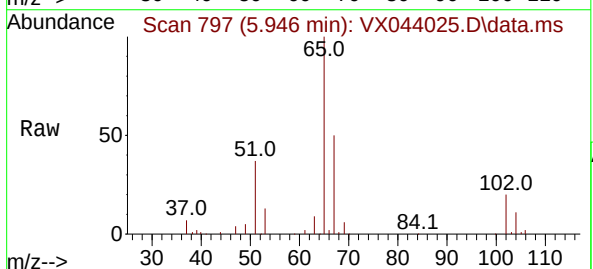
Acq: 27 Nov 2024 09:15

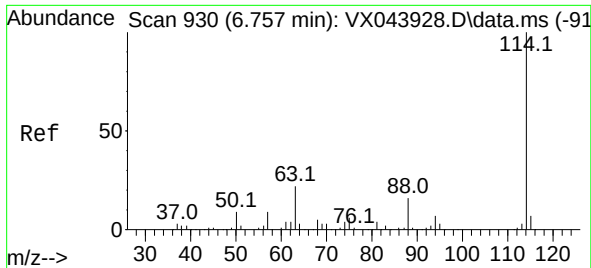
Tgt Ion: 65 Resp: 100927

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8

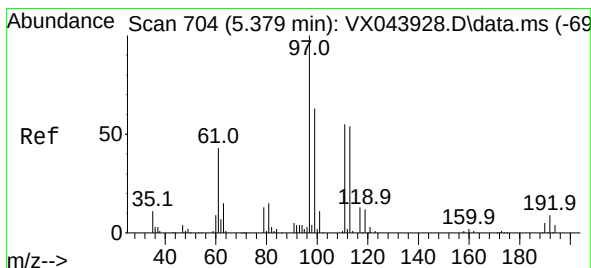
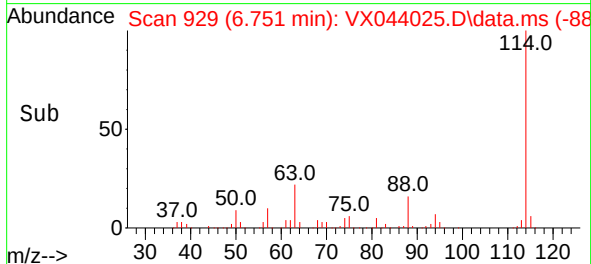
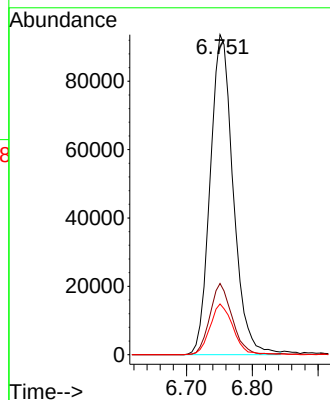
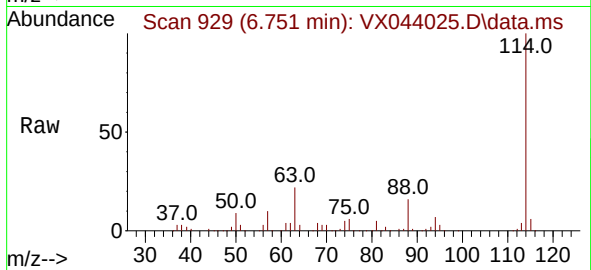




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

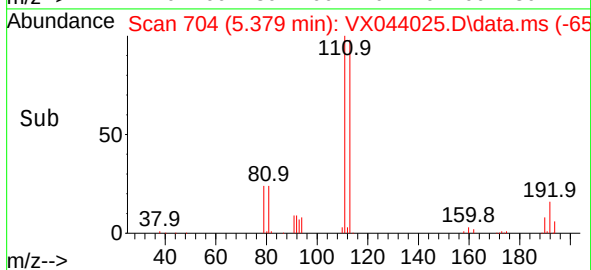
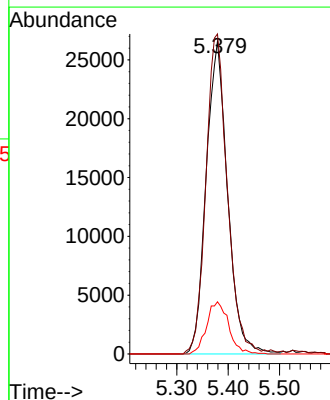
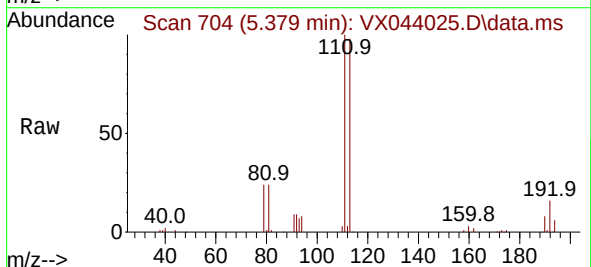
Instrument :
MSVOA_X
ClientSampleId :
VX1127MBL01

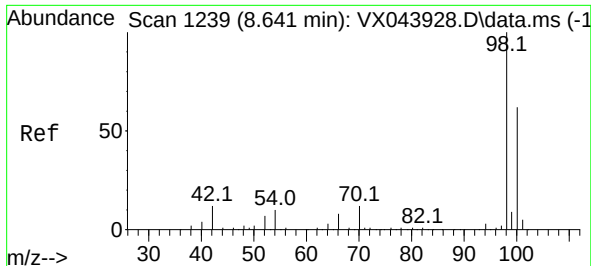
Tgt Ion:114 Resp: 228047
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.242 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion:113 Resp: 76981
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 17.1 13.0 19.6





#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

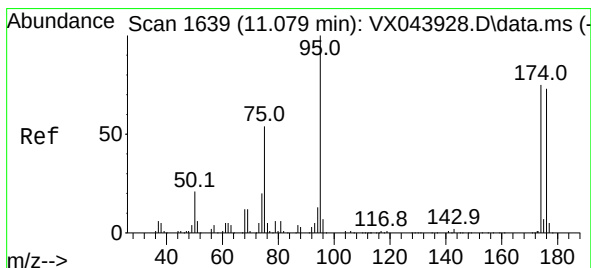
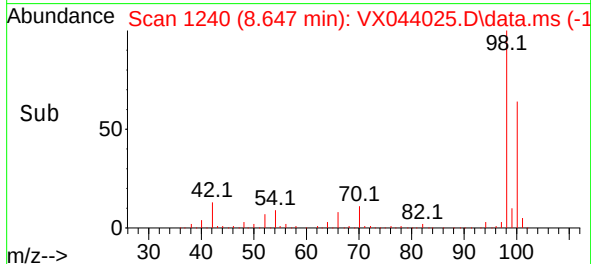
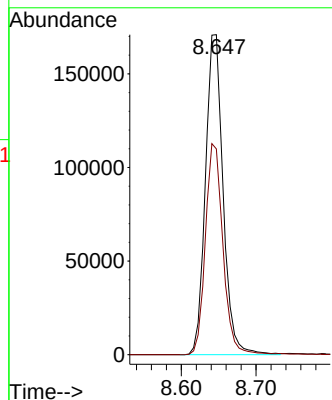
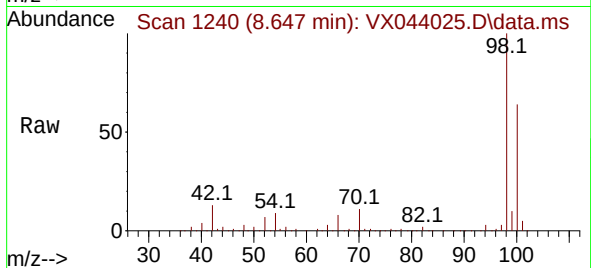
VX1127MBL01

Tgt Ion: 98 Resp: 280743

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.267 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

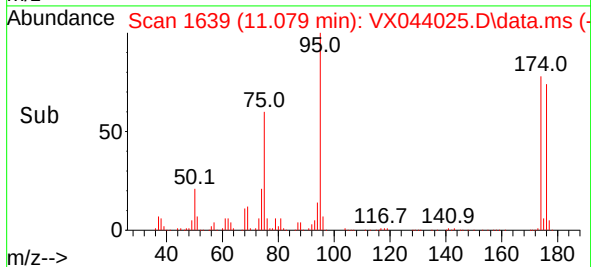
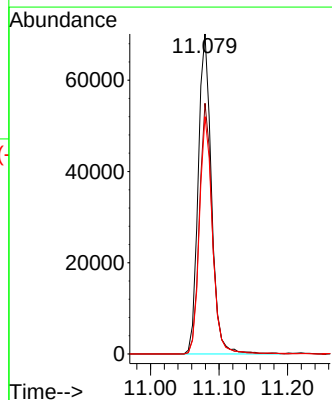
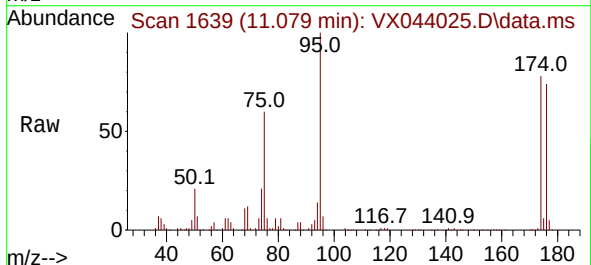
Tgt Ion: 95 Resp: 94181

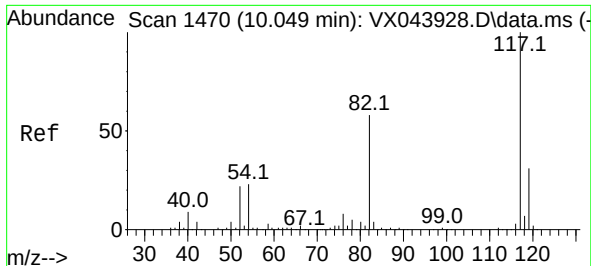
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.4

176 73.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VX1127MBL01

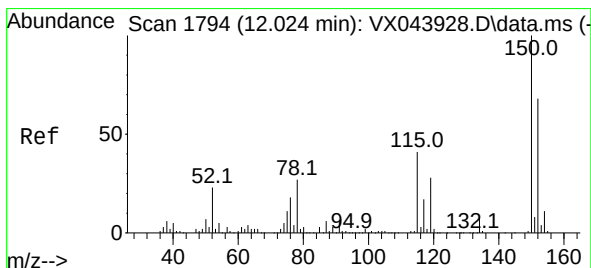
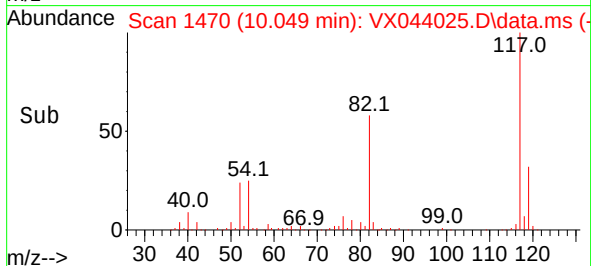
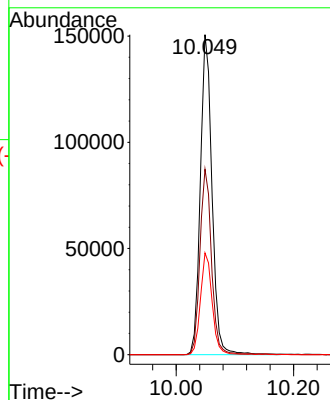
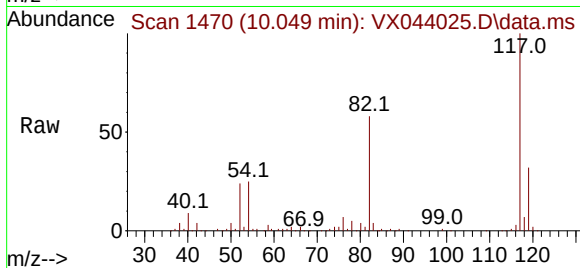
Tgt Ion:117 Resp: 207542

Ion Ratio Lower Upper

117 100

82 57.9 46.4 69.6

119 31.8 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Tgt Ion:152 Resp: 87354

Ion Ratio Lower Upper

152 100

115 63.1 45.4 136.2

150 161.2 0.0 353.0

