

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039583.D
 Acq On : 02 Jan 2024 19:33
 Operator : JC/MD
 Sample : P1001-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1206

Quant Time: Jan 03 04:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85949	47.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.900%
35) Dibromofluoromethane	5.385	113	67004	46.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	264721	49.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	110527	50.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%

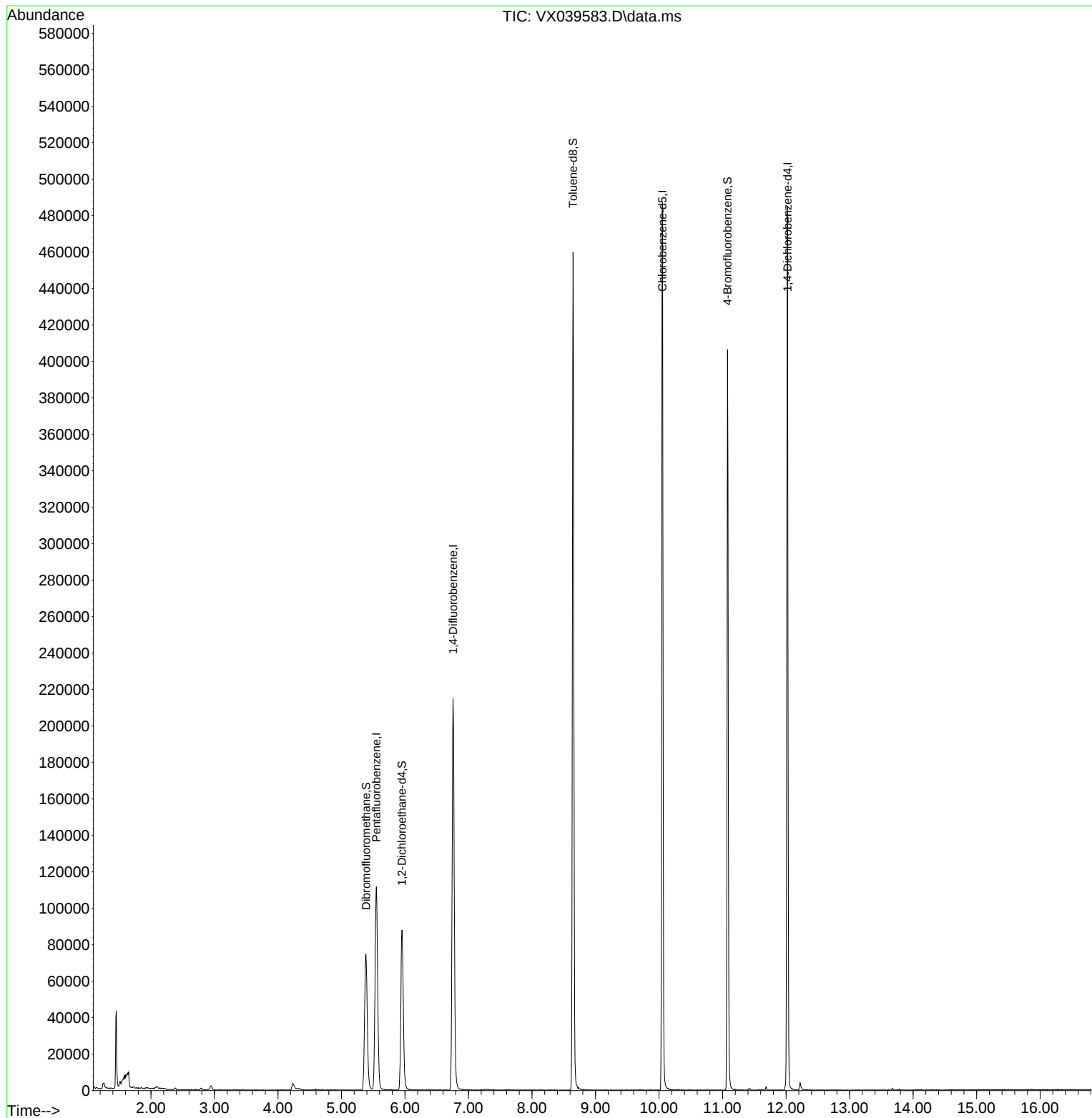
Target Compounds	Qvalue

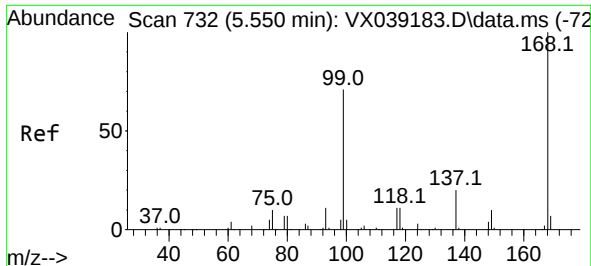
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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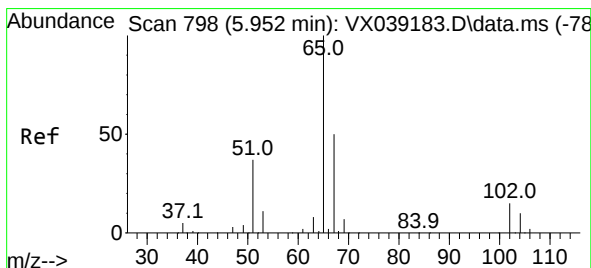
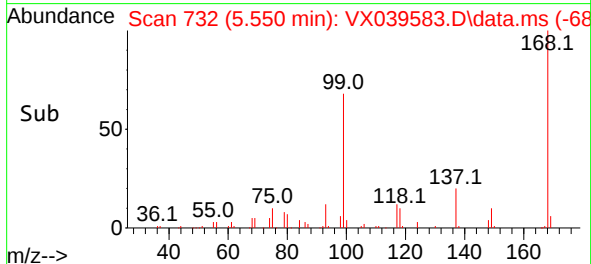
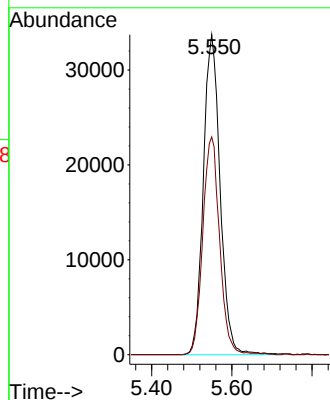
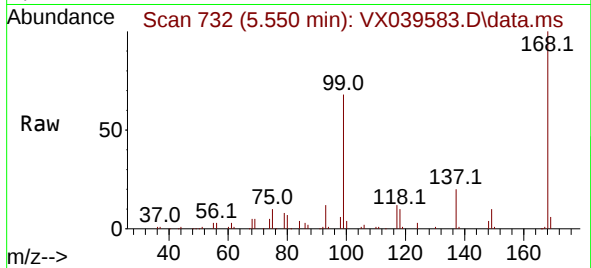




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

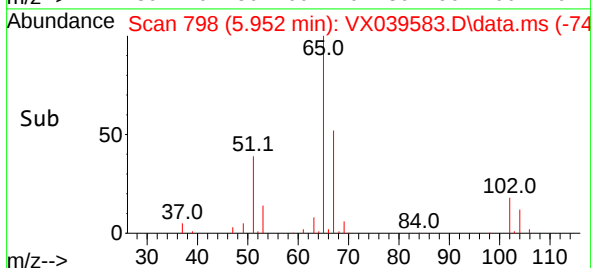
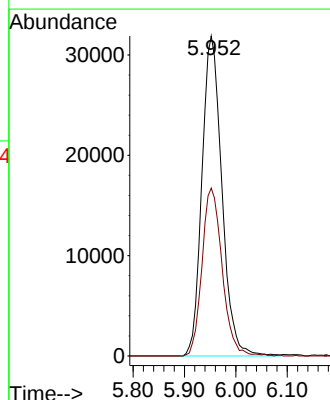
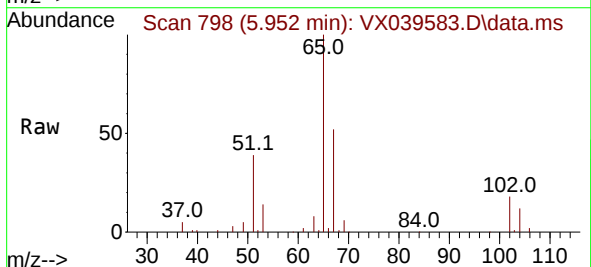
Instrument :
MSVOA_X
ClientSampleId :
ORA-1206

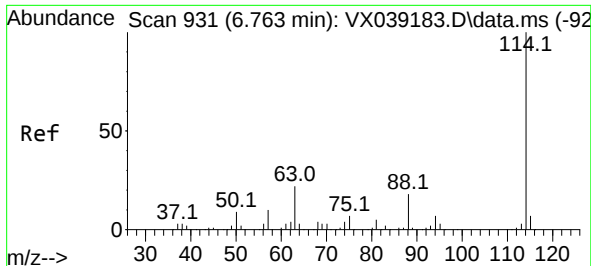
Tgt Ion:168 Resp: 97846
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.950 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 65 Resp: 85949
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

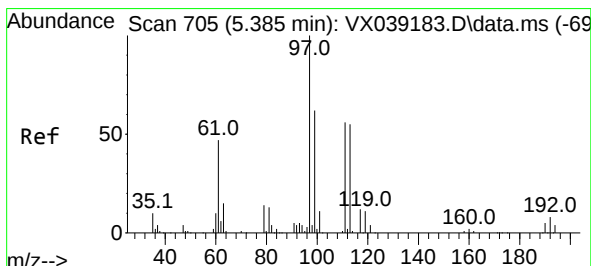
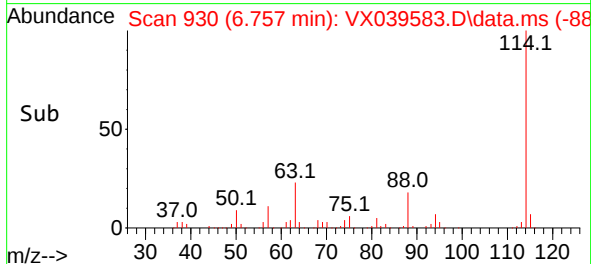
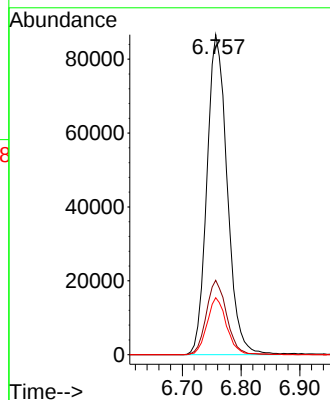
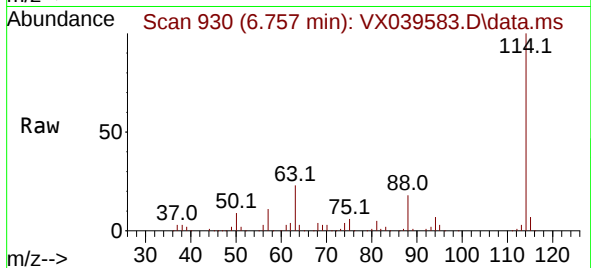




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

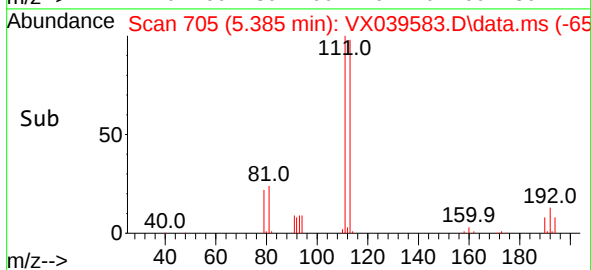
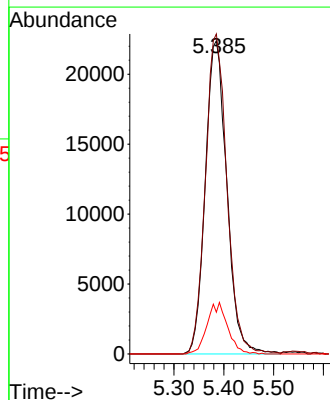
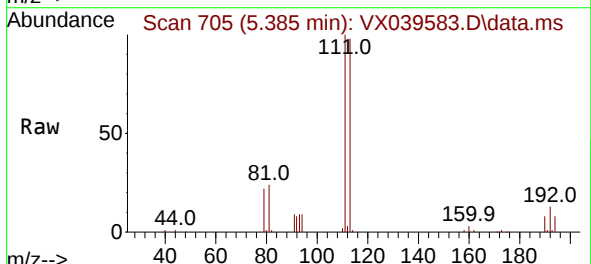
Instrument :
MSVOA_X
ClientSampleId :
ORA-1206

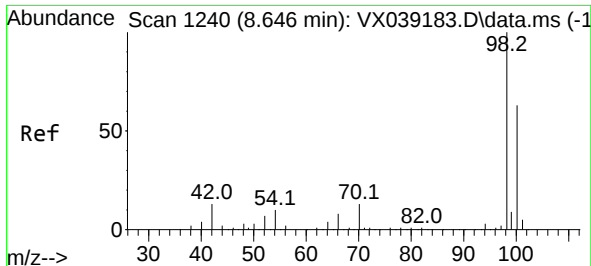
Tgt Ion:114 Resp: 207830
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion:113 Resp: 67004
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.8 13.3 19.9

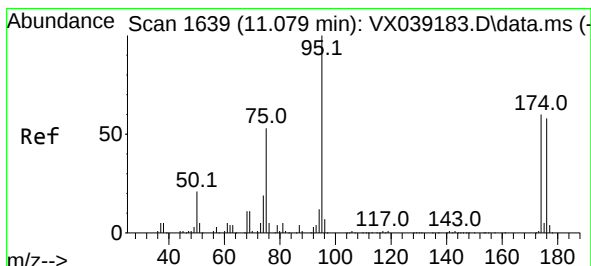
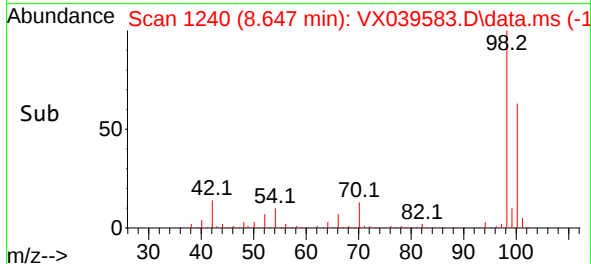
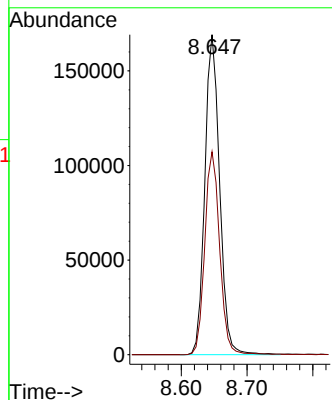
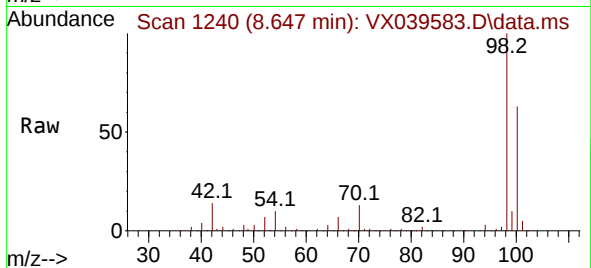




#50
Toluene-d8
Concen: 49.662 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

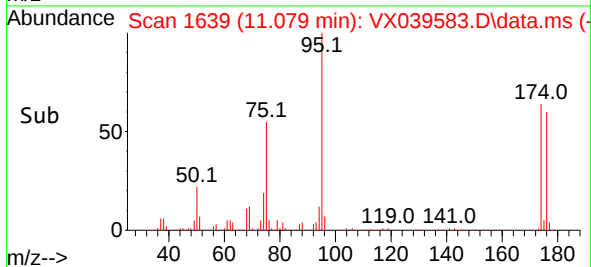
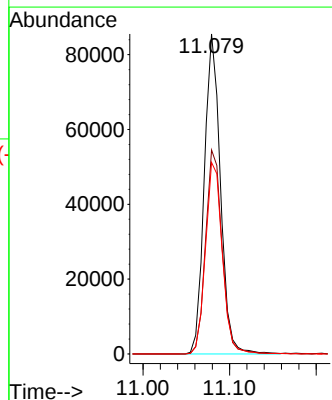
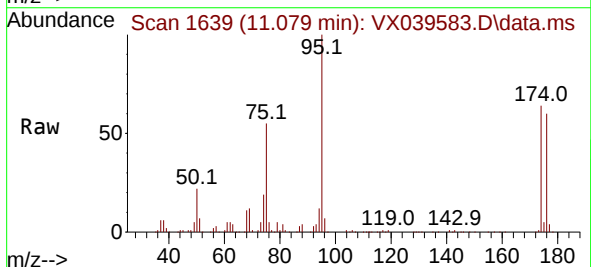
Instrument :
MSVOA_X
ClientSampleId :
ORA-1206

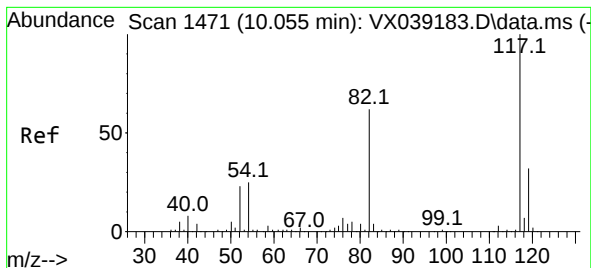
Tgt Ion: 98 Resp: 264721
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039583.D
Acq: 02 Jan 2024 19:33

Tgt Ion: 95 Resp: 110527
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.6 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: VX039583.D

Acq: 02 Jan 2024 19:33

Instrument :

MSVOA_X

ClientSampleId :

ORA-1206

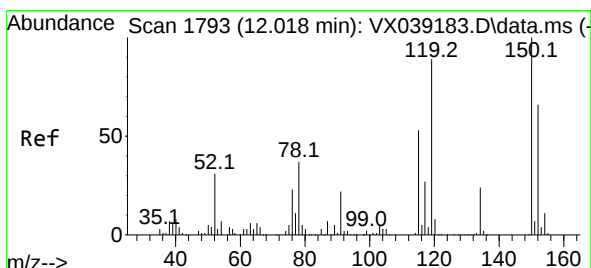
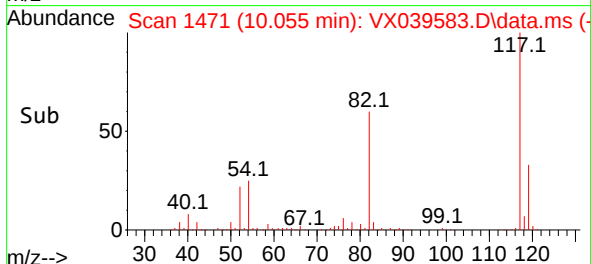
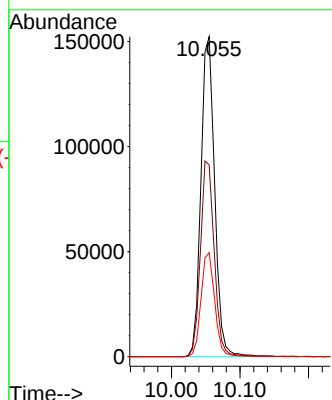
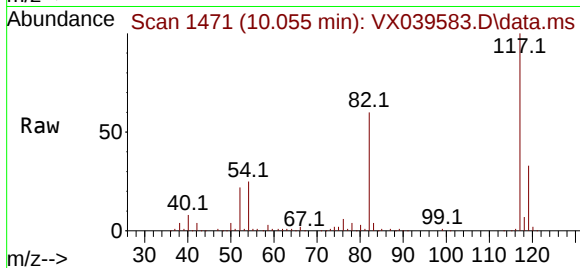
Tgt Ion:117 Resp: 213198

Ion Ratio Lower Upper

117 100

82 59.9 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039583.D

Acq: 02 Jan 2024 19:33

Tgt Ion:152 Resp: 94270

Ion Ratio Lower Upper

152 100

115 66.0 43.3 129.9

150 156.0 0.0 345.0

