

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040486.D
 Acq On : 27 Feb 2024 13:54
 Operator : JC/MD
 Sample : P1582-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Feb 28 02:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53499	49.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	38284	49.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	139707	49.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	53203	49.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%

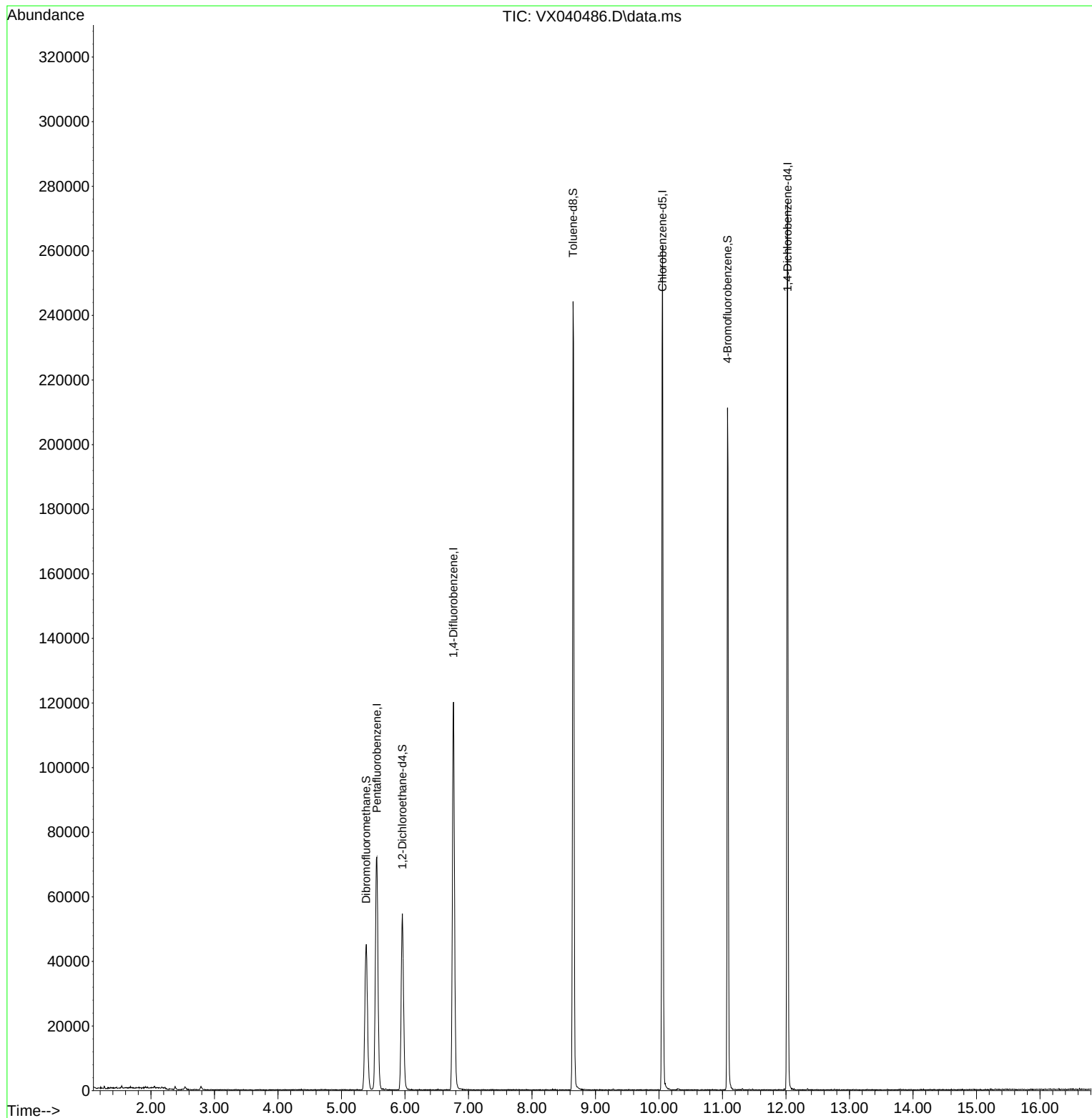
Target Compounds	Qvalue

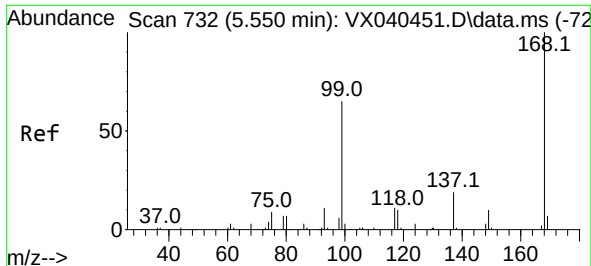
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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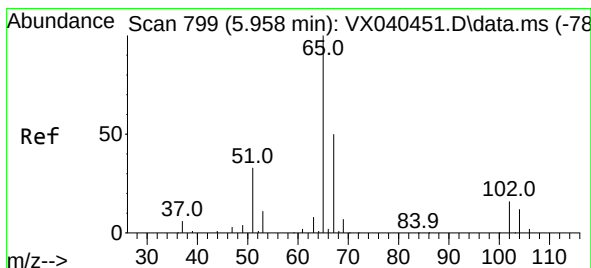
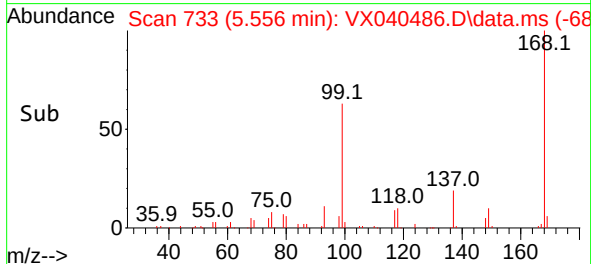
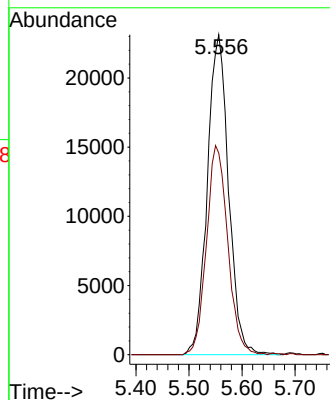
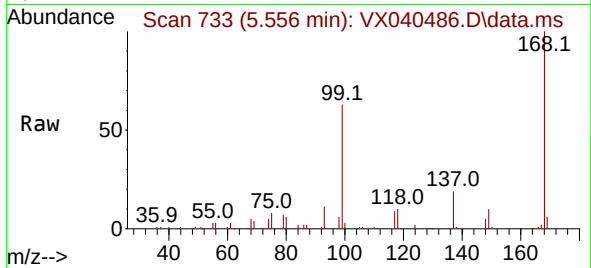




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

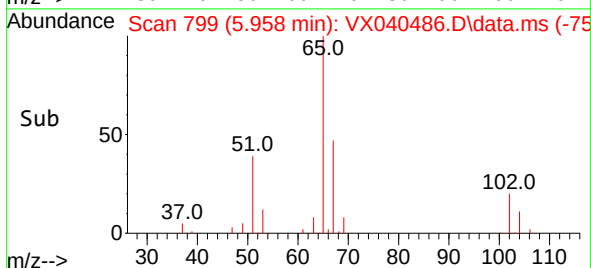
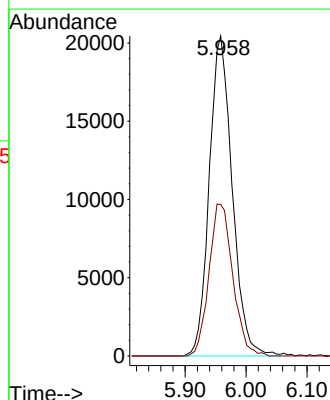
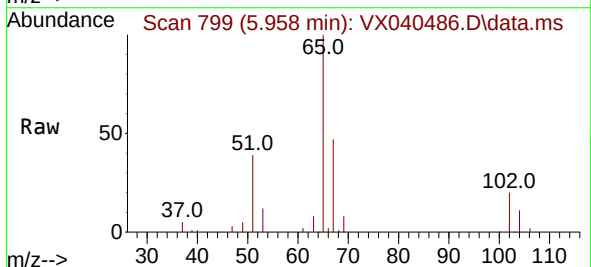
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

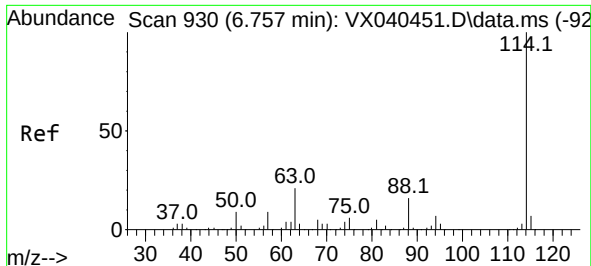
Tgt Ion:168 Resp: 64196
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.826 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

Tgt Ion: 65 Resp: 53499
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

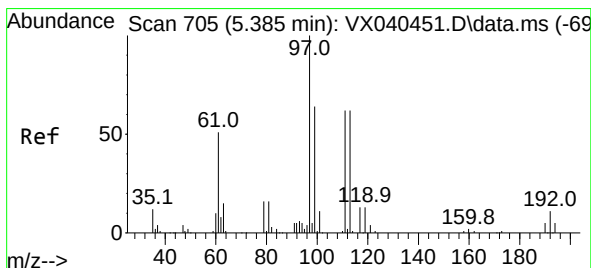
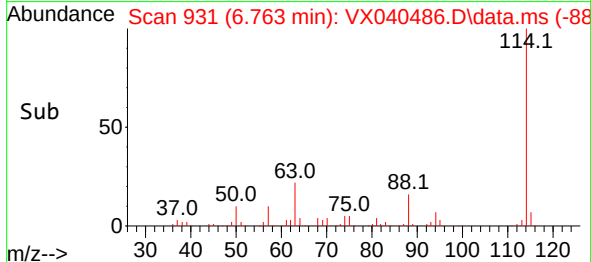
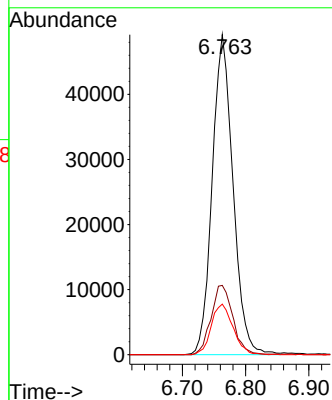
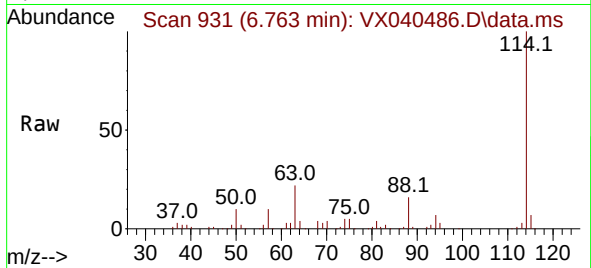




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

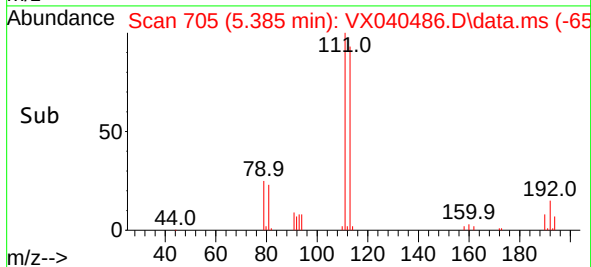
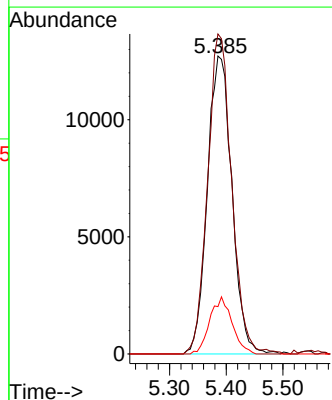
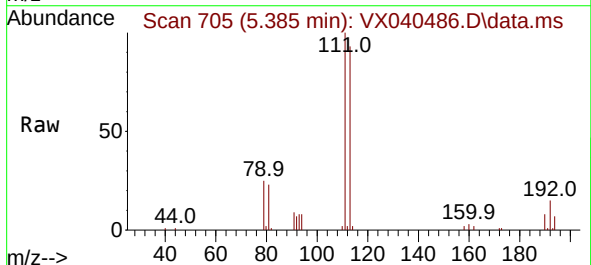
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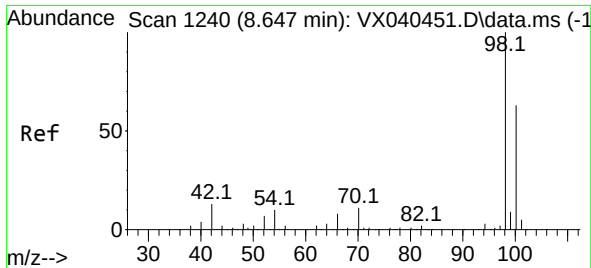
Tgt Ion:114 Resp: 112108
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

Tgt Ion:113 Resp: 38284
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 17.4 13.3 19.9

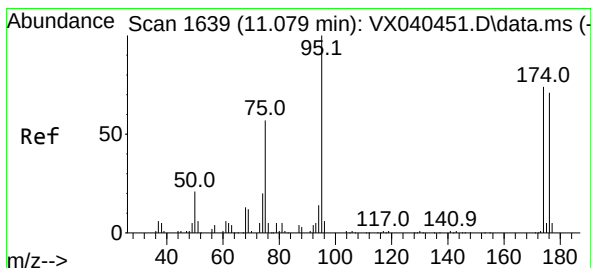
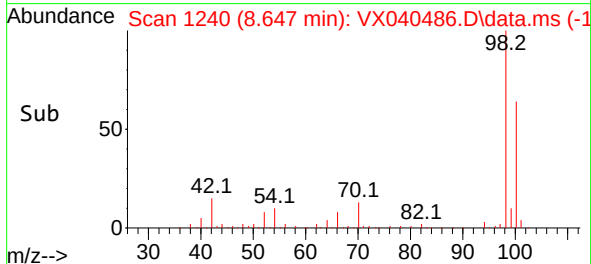
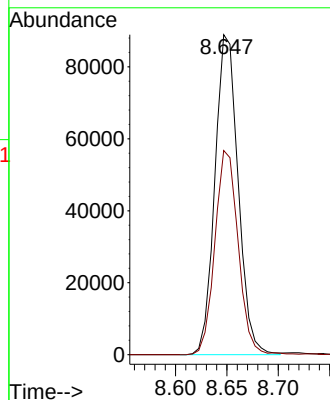
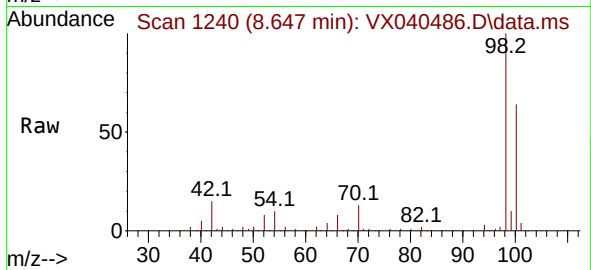




#50
Toluene-d8
Concen: 49.370 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

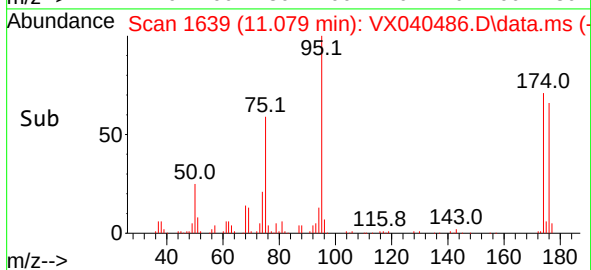
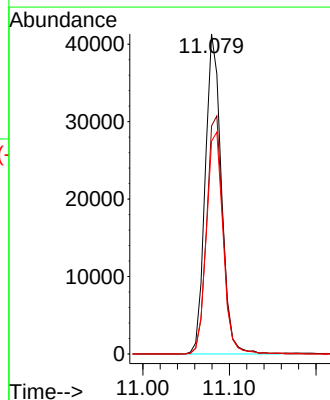
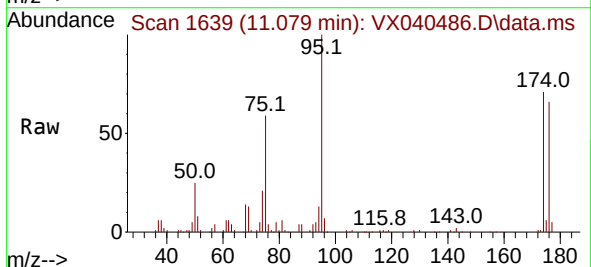
Instrument :
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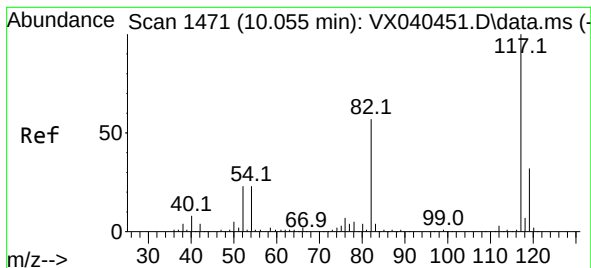
Tgt Ion: 98 Resp: 139707
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040486.D
Acq: 27 Feb 2024 13:54

Tgt Ion: 95 Resp: 53203
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 72.1 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: VX040486.D

Acq: 27 Feb 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

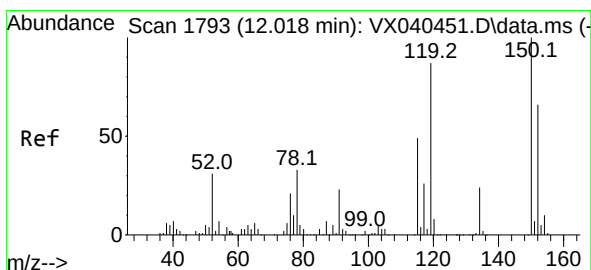
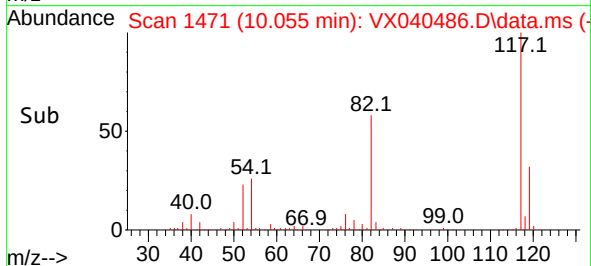
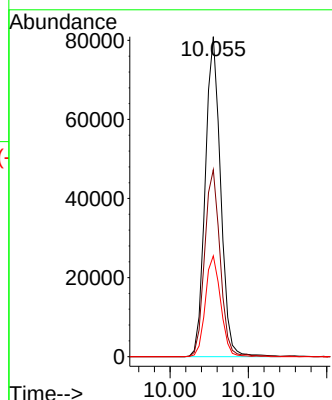
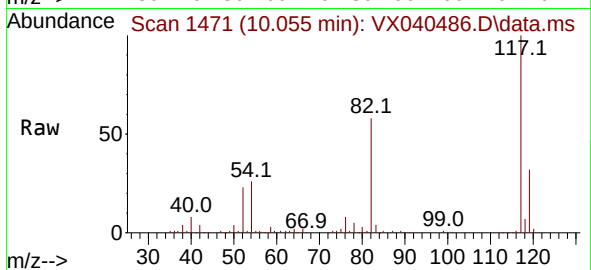
Tgt Ion:117 Resp: 110135

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 31.5 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: VX040486.D

Acq: 27 Feb 2024 13:54

Tgt Ion:152 Resp: 52985

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 159.9 0.0 345.0

