

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041484.D
 Acq On : 13 May 2024 11:59
 Operator : JC/MD
 Sample : P2439-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50319

Quant Time: May 14 01:29:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

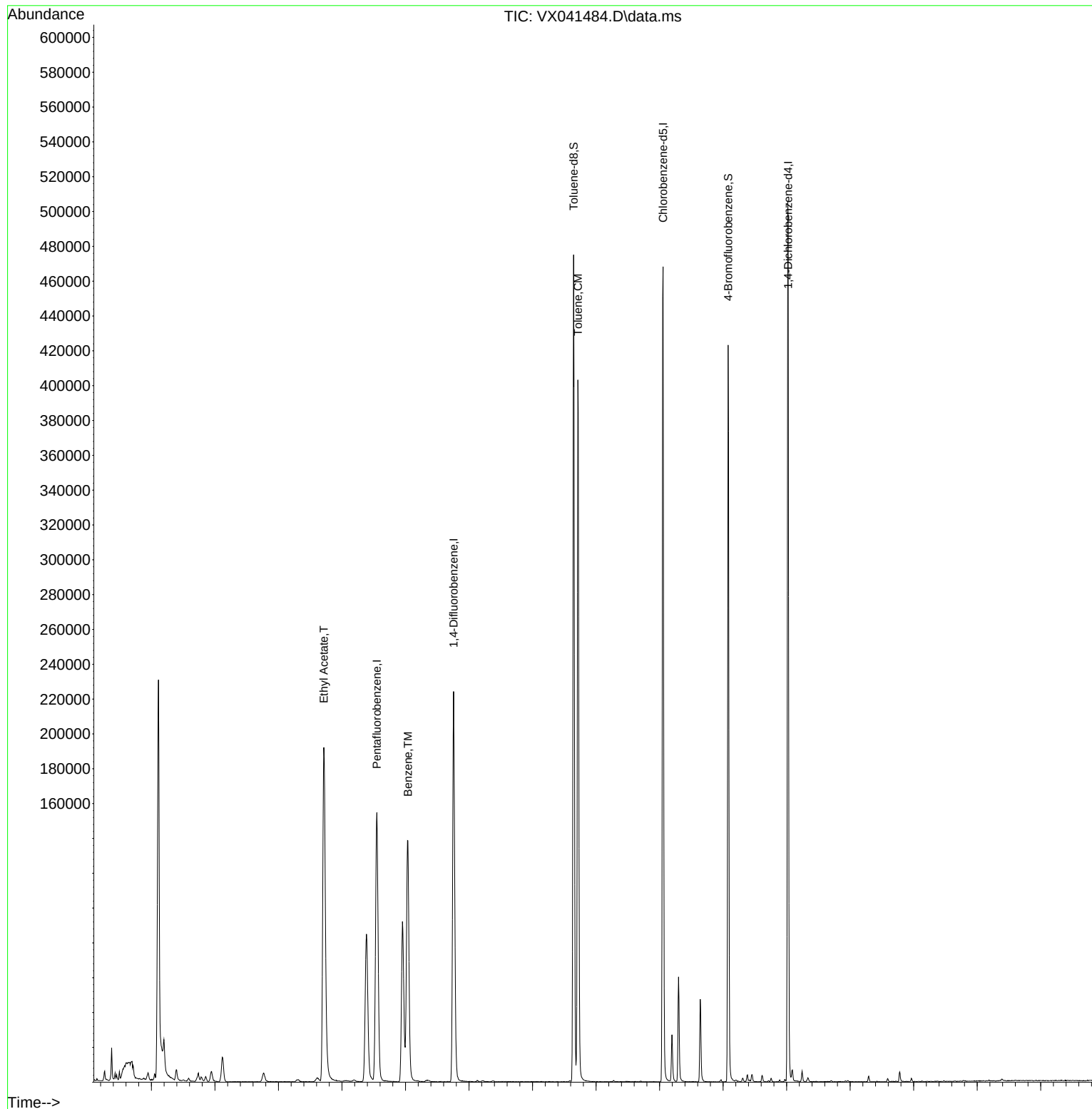
Internal Standards						
1) Pentafluorobenzene	5.550	168	164318	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	225574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89353	49.951	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.900%	
35) Dibromofluoromethane	5.385	113	75411	49.332	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.660%	
50) Toluene-d8	8.647	98	277544	57.364	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	114.720%#	
62) 4-Bromofluorobenzene	11.079	95	105309	56.227	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	112.460%	
Target Compounds						
						Qvalue
16) Acetone	2.392	43	7218	5.335	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	15343	3.305	ug/l	96
22) Diisopropyl ether	3.764	45	5677	1.252	ug/l	# 80
37) Ethyl Acetate	4.715	43	346770	152.043	ug/l	99
40) Benzene	6.038	78	171987	30.522	ug/l	99
52) Toluene	8.714	92	156195	45.313	ug/l	97
67) Ethyl Benzene	10.195	91	16402	2.132	ug/l	99
68) m/p-Xylenes	10.299	106	14601	4.738	ug/l	95
69) o-Xylene	10.640	106	11098	3.762	ug/l	96

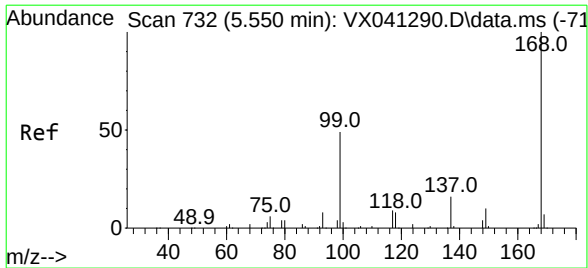
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041484.D
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Operator : JC/MD
Sample : P2439-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50319

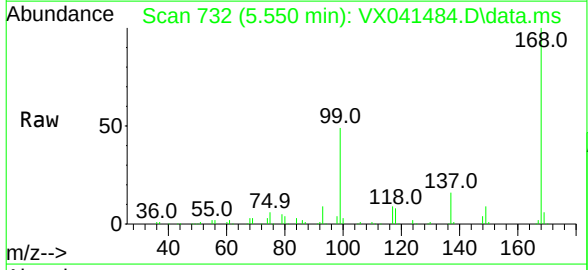
Quant Time: May 14 01:29:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



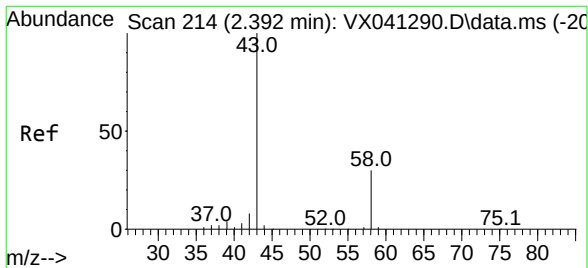
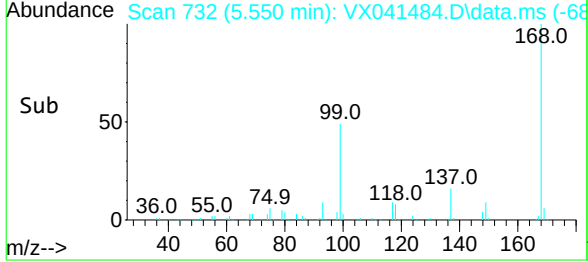
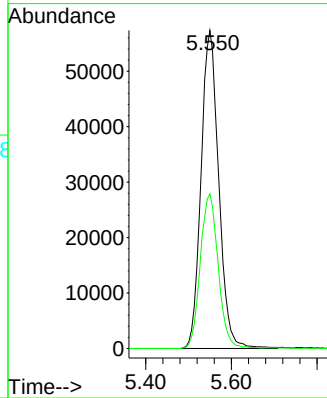


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
50319

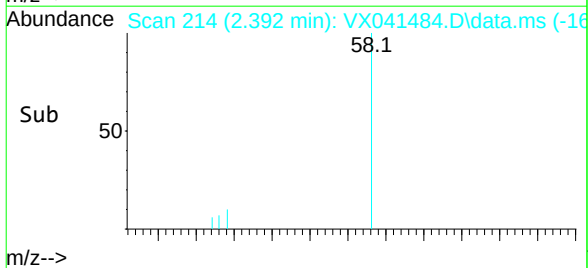
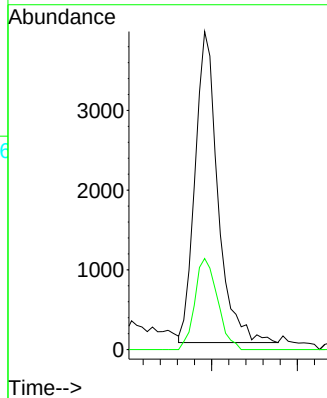
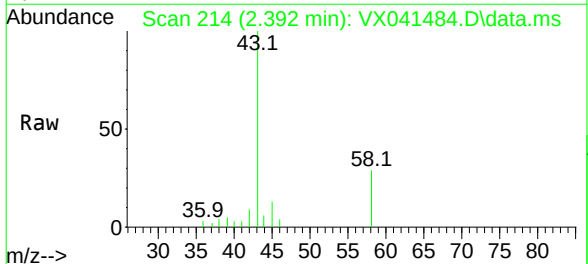


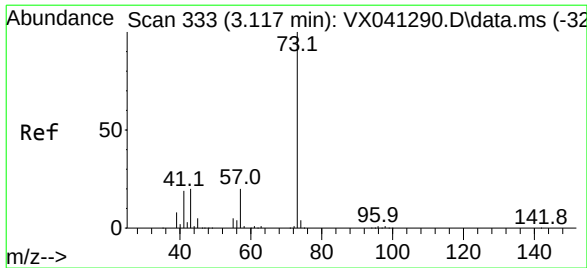
Tgt Ion:168 Resp: 164318
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#



#16
Acetone
Concen: 5.335 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

Tgt Ion: 43 Resp: 7218
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9

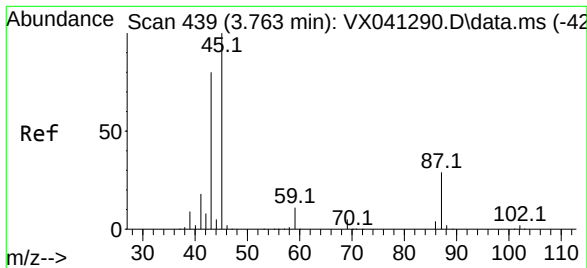
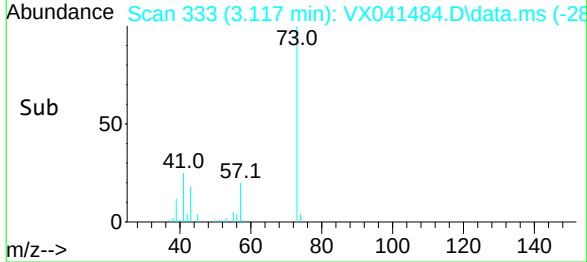
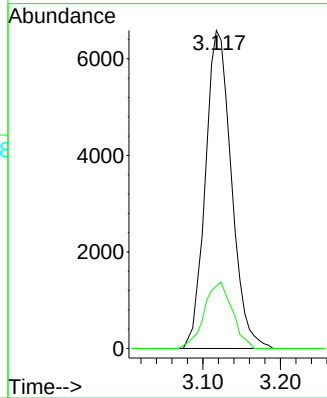
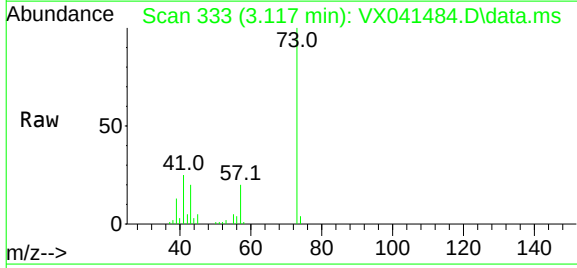




#19
Methyl tert-butyl Ether
Concen: 3.305 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

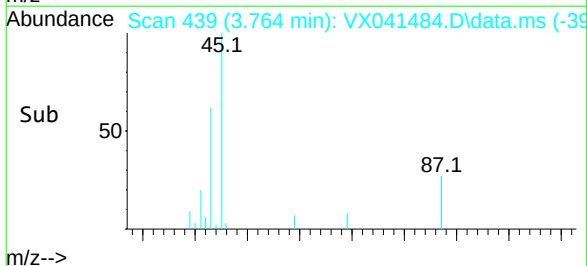
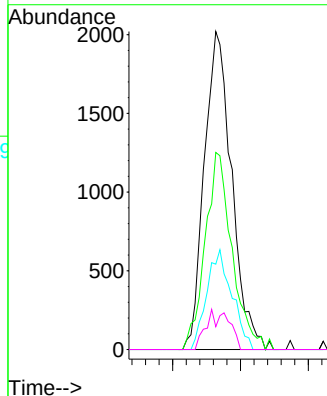
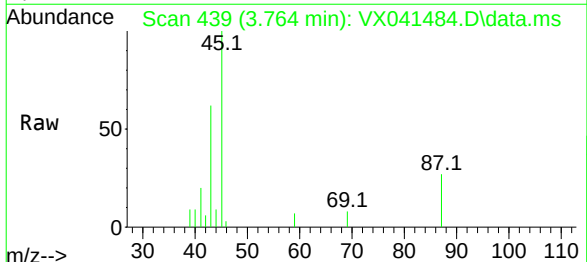
Instrument :
MSVOA_X
ClientSampleId :
50319

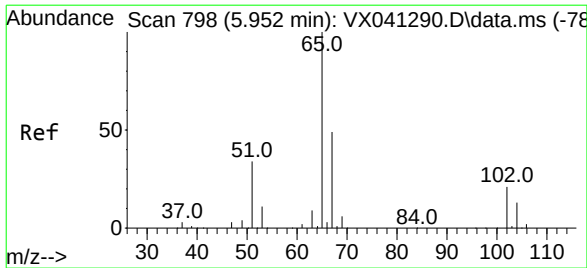
Tgt Ion: 73 Resp: 15343
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#22
Diisopropyl ether
Concen: 1.252 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

Tgt Ion: 45 Resp: 5677
Ion Ratio Lower Upper
45 100
43 62.0 69.7 104.5#
87 26.8 20.8 31.2
59 7.2 9.0 13.4#

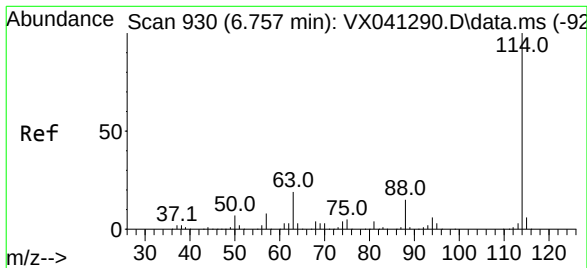
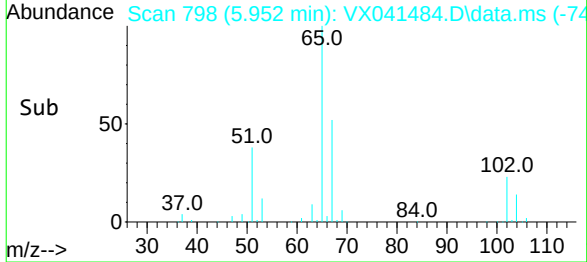
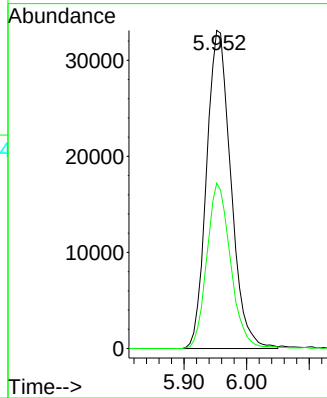
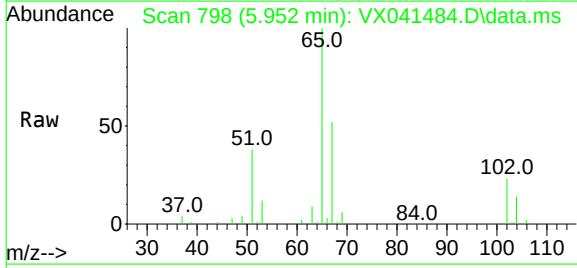




#33
1,2-Dichloroethane-d4
Concen: 49.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

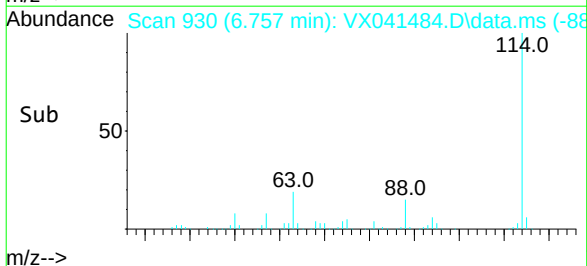
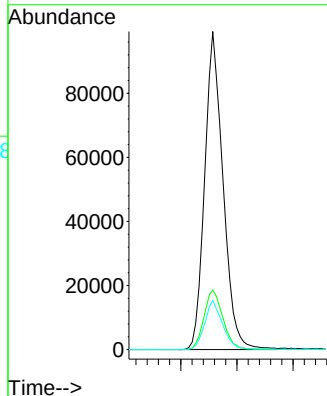
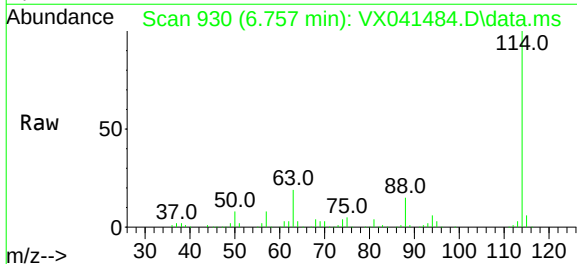
Instrument :
MSVOA_X
ClientSampleId :
50319

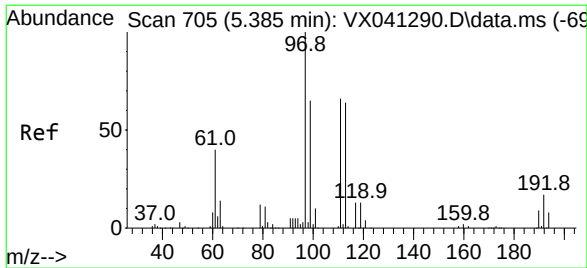
Tgt Ion: 65 Resp: 89353
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

Tgt Ion: 114 Resp: 225574
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.4 0.0 36.6

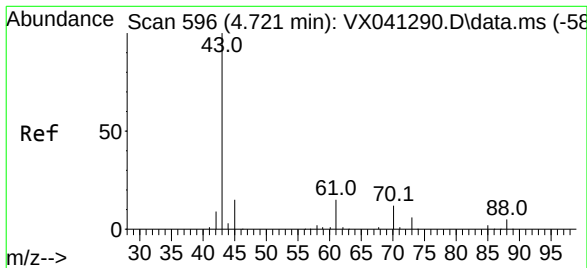
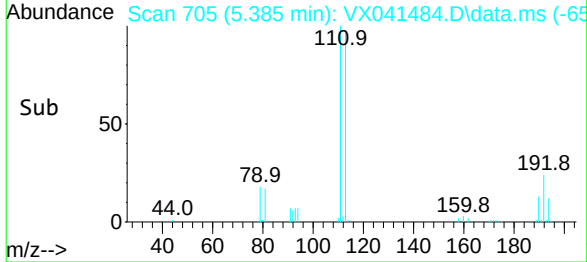
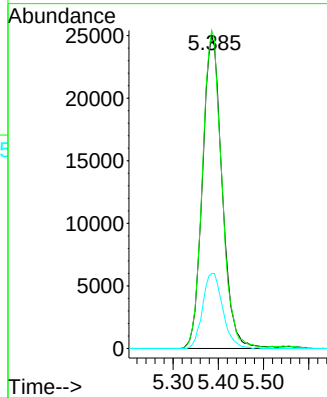
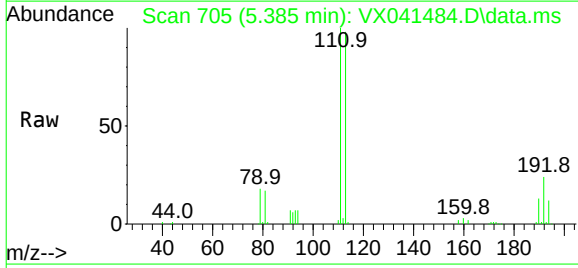




#35
Dibromofluoromethane
Concen: 49.332 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

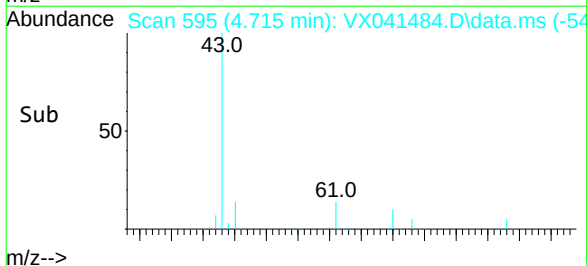
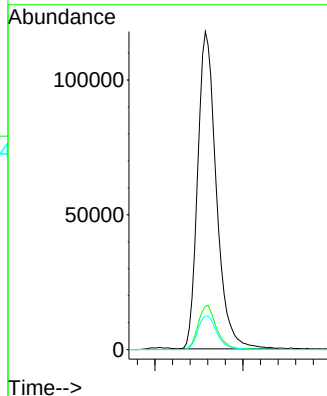
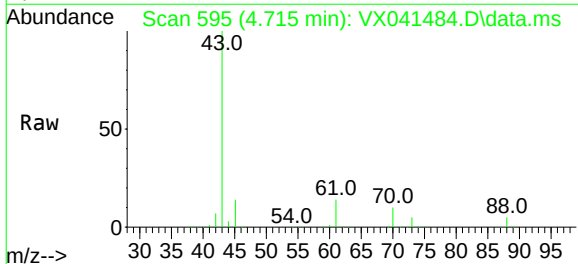
Instrument :
MSVOA_X
ClientSampleId :
50319

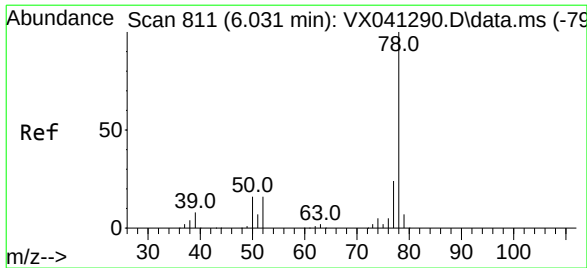
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.9	124.3
192	24.6	13.3	19.9



#37
Ethyl Acetate
Concen: 152.043 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041484.D
Acq: 13 May 2024 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	10.8	8.3	12.5





#40

Benzene

Concen: 30.522 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX041484.D

Acq: 13 May 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

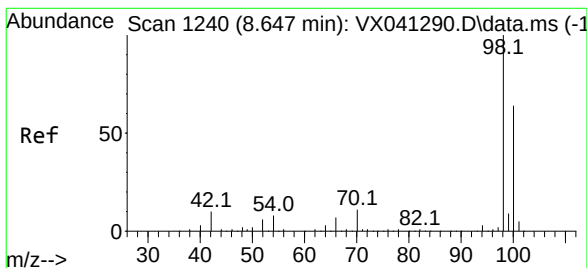
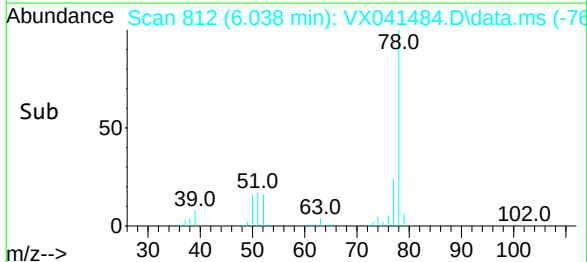
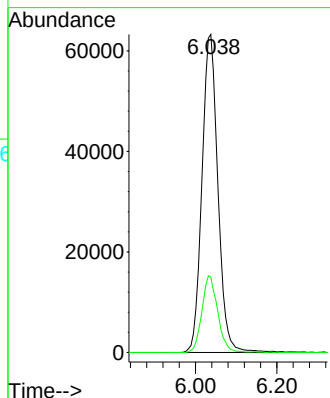
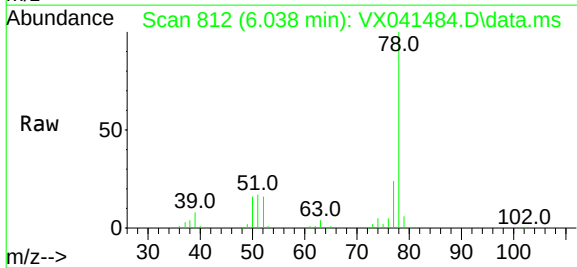
50319

Tgt Ion: 78 Resp: 171987

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9



#50

Toluene-d8

Concen: 57.364 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041484.D

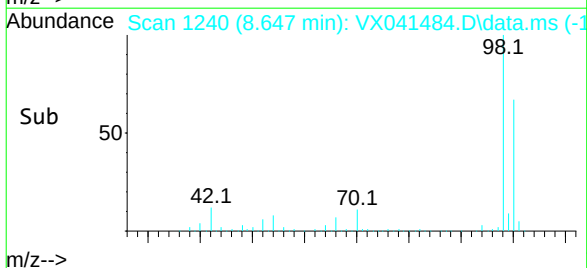
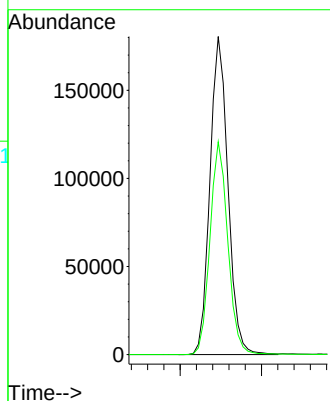
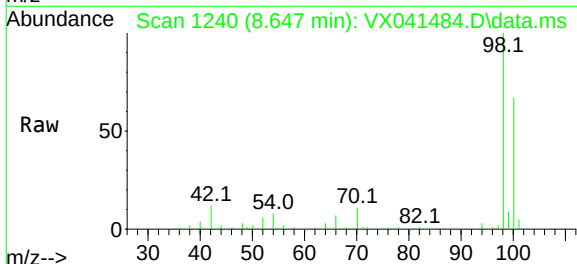
Acq: 13 May 2024 11:59

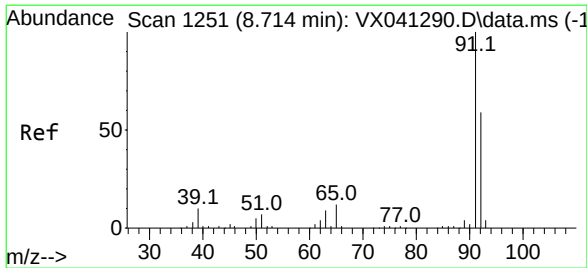
Tgt Ion: 98 Resp: 277544

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#52

Toluene

Concen: 45.313 ug/l

RT: 8.714 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX041484.D

Acq: 13 May 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

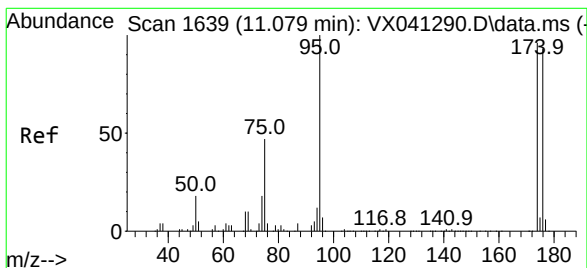
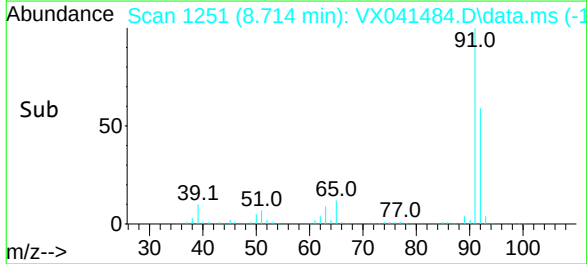
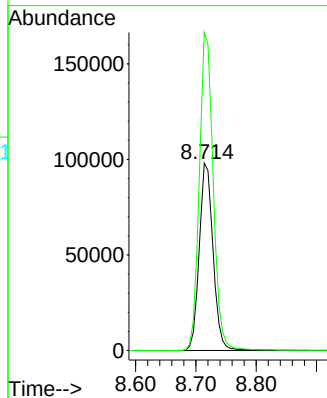
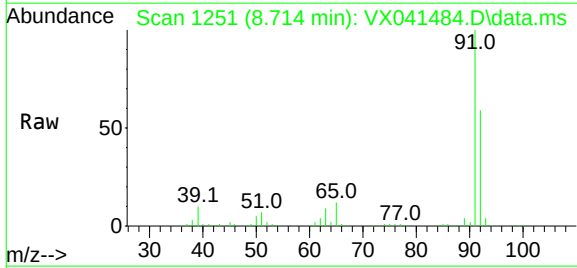
50319

Tgt Ion: 92 Resp: 156195

Ion Ratio Lower Upper

92 100

91 171.2 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 56.227 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041484.D

Acq: 13 May 2024 11:59

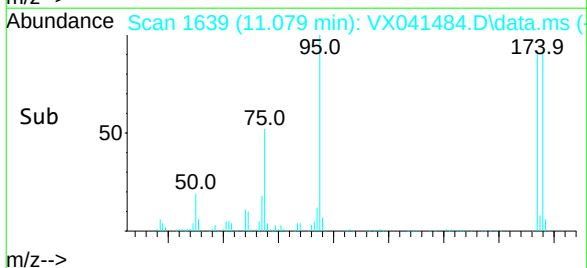
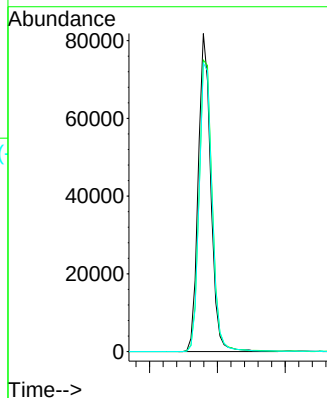
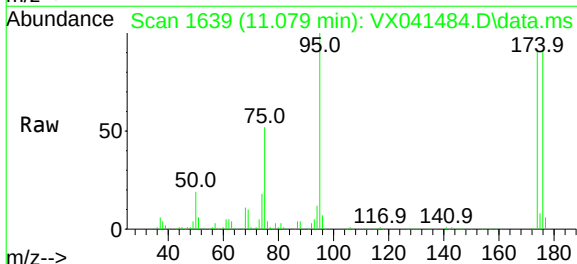
Tgt Ion: 95 Resp: 105309

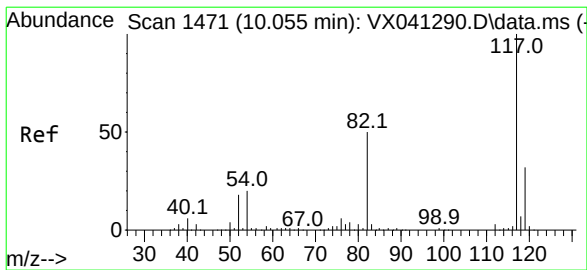
Ion Ratio Lower Upper

95 100

174 96.0 0.0 135.6

176 93.8 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: VX041484.D

Acq: 13 May 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

50319

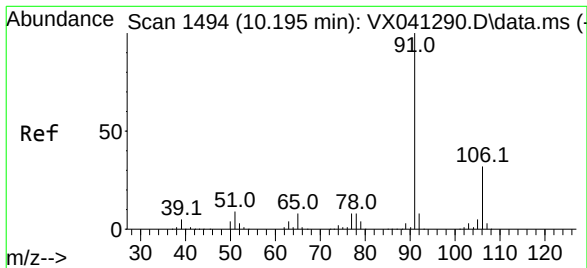
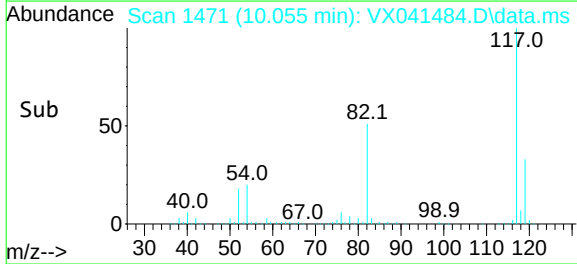
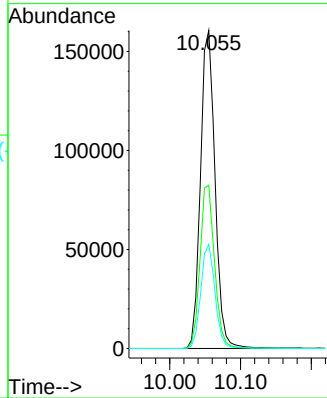
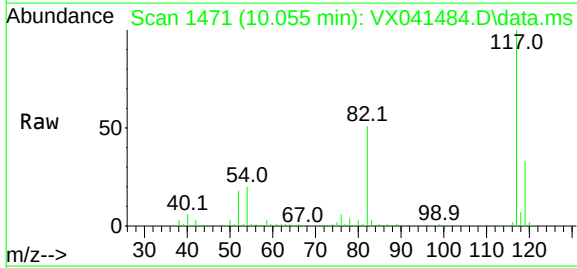
Tgt Ion:117 Resp: 229744

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 32.7 25.5 38.3



#67

Ethyl Benzene

Concen: 2.132 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041484.D

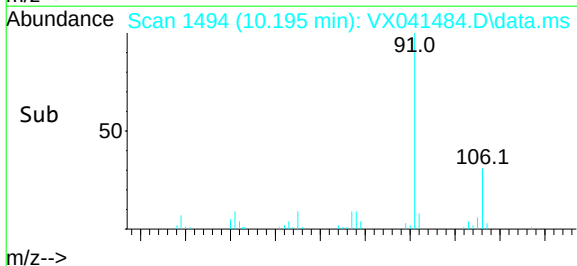
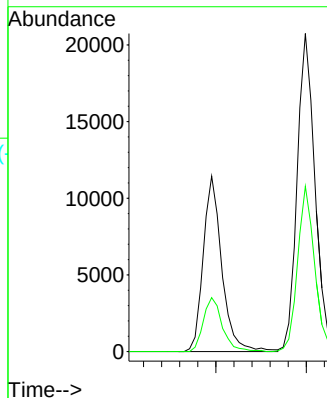
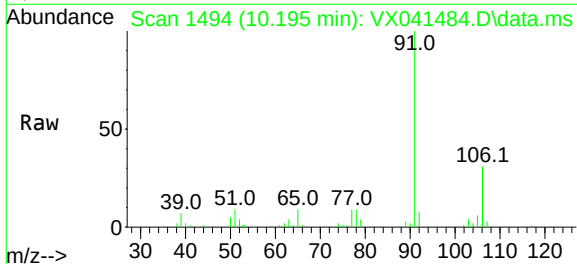
Acq: 13 May 2024 11:59

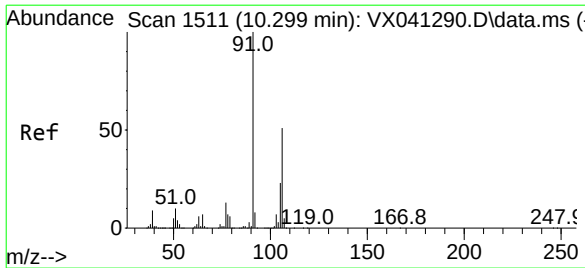
Tgt Ion: 91 Resp: 16402

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3





#68

m/p-Xylenes

Concen: 4.738 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041484.D

Acq: 13 May 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

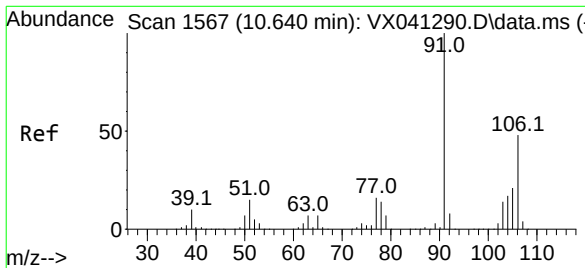
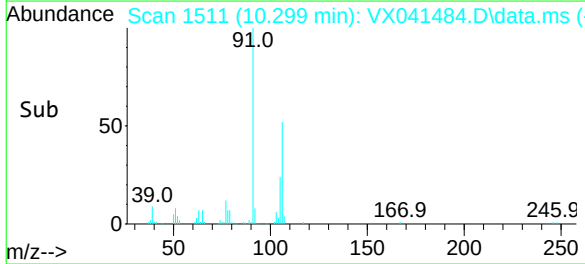
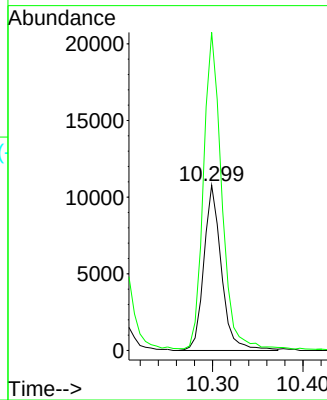
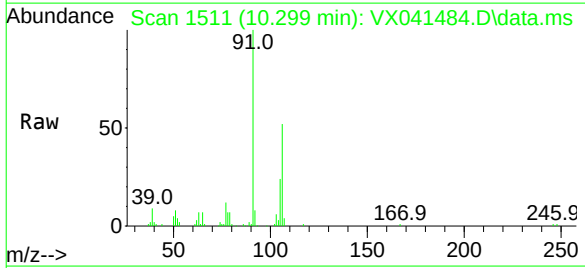
50319

Tgt Ion:106 Resp: 14601

Ion Ratio Lower Upper

106 100

91 198.8 165.5 248.3



#69

o-Xylene

Concen: 3.762 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041484.D

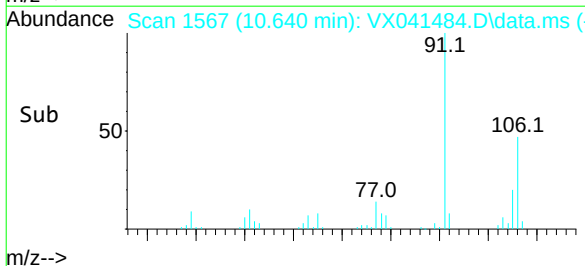
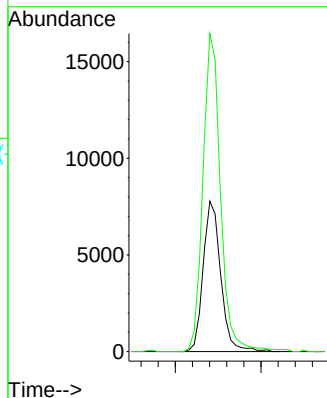
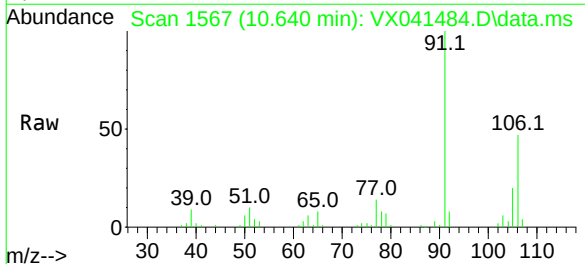
Acq: 13 May 2024 11:59

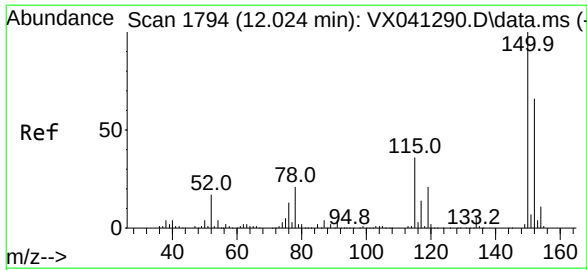
Tgt Ion:106 Resp: 11098

Ion Ratio Lower Upper

106 100

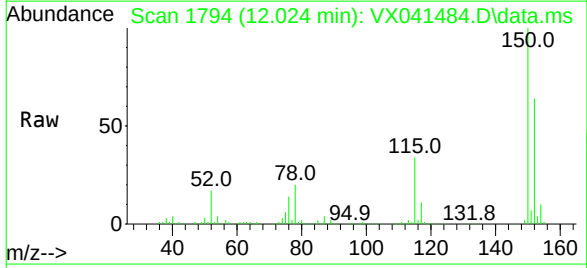
91 211.6 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VX041484.D
 Acq: 13 May 2024 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 50319



Tgt Ion:152 Resp: 117690
 Ion Ratio Lower Upper
 152 100
 115 53.1 43.3 129.9
 150 155.0 0.0 345.0

