

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041703.D
 Acq On : 03 Jun 2024 14:43
 Operator : JC/MD
 Sample : P2691-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50362

Quant Time: Jun 04 00:48:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	224269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86164	47.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.920%
35) Dibromofluoromethane	5.385	113	70959	45.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.647	98	261138	48.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	95980	47.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%

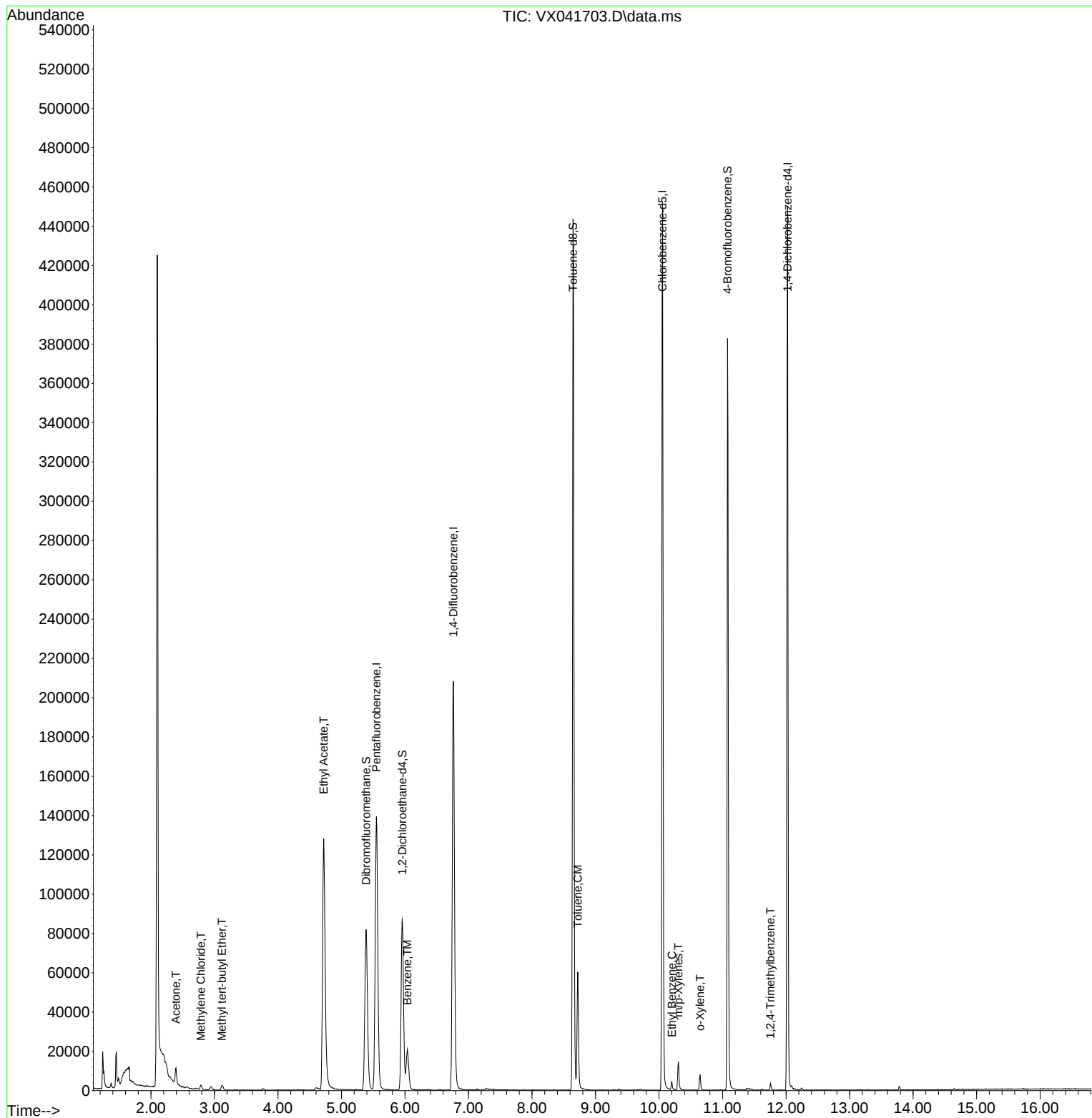
Target Compounds						Qvalue
16) Acetone	2.392	43	8983	8.701	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2684	0.614	ug/l	93
20) Methylene Chloride	2.788	84	1161	0.722	ug/l	# 75
37) Ethyl Acetate	4.721	43	225317	95.092	ug/l	99
40) Benzene	6.037	78	25378	4.324	ug/l	96
52) Toluene	8.720	92	23106	6.204	ug/l	96
67) Ethyl Benzene	10.201	91	2783	0.375	ug/l	90
68) m/p-Xylenes	10.305	106	3700	1.255	ug/l	99
69) o-Xylene	10.646	106	2026	0.691	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1922	0.360	ug/l	99

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

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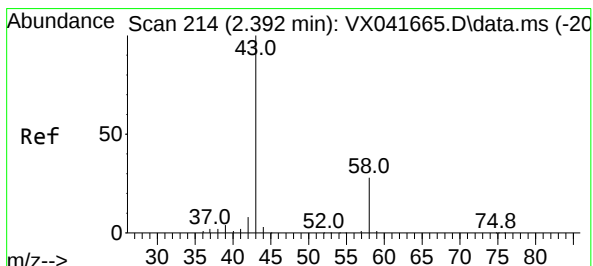
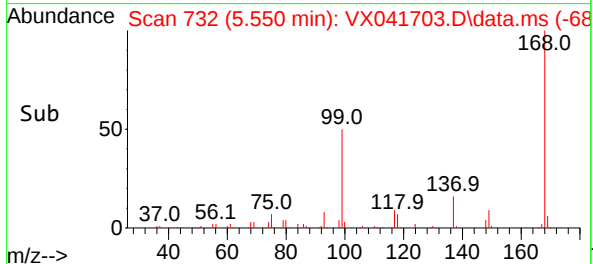
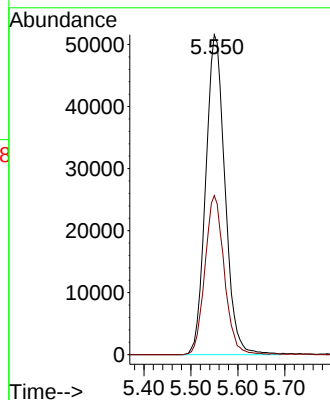
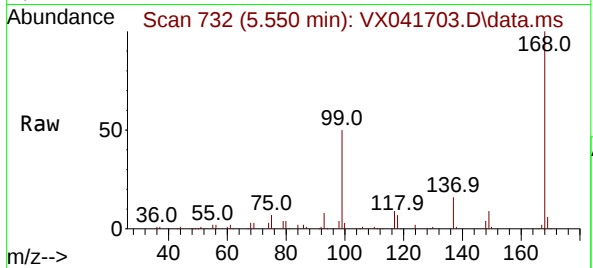




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

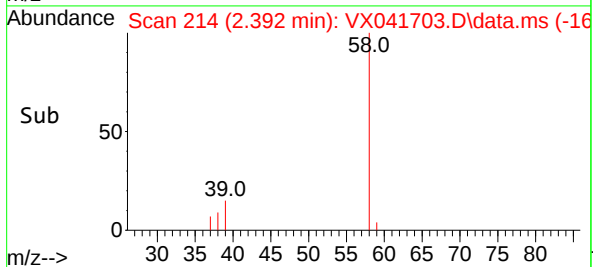
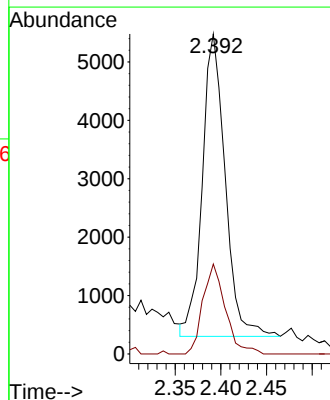
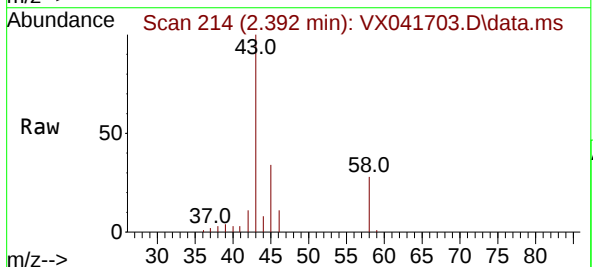
Instrument :
MSVOA_X
ClientSampleId :
50362

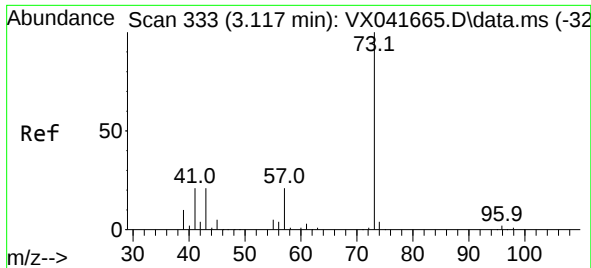
Tgt Ion:168 Resp: 146478
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0#



#16
Acetone
Concen: 8.701 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 43 Resp: 8983
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9

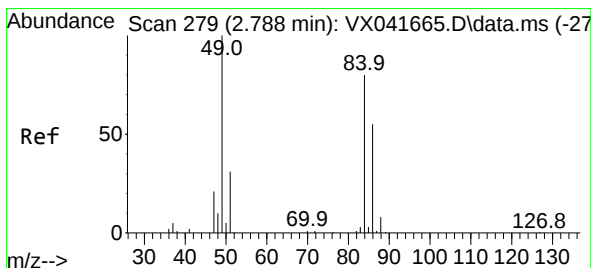
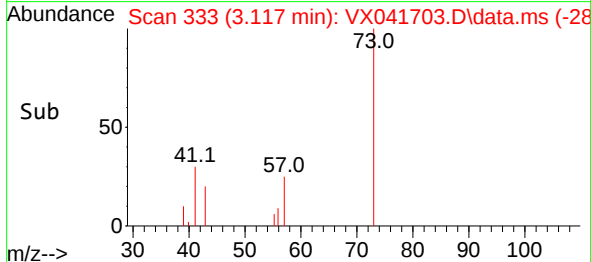
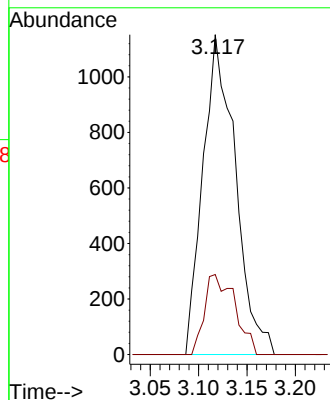
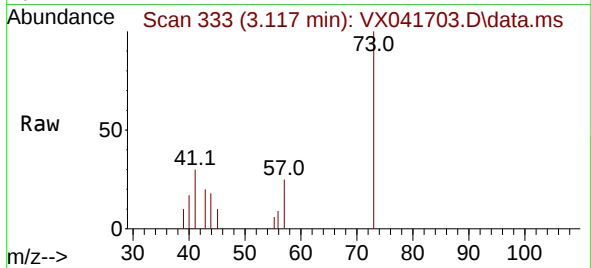




#19
Methyl tert-butyl Ether
Concen: 0.614 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

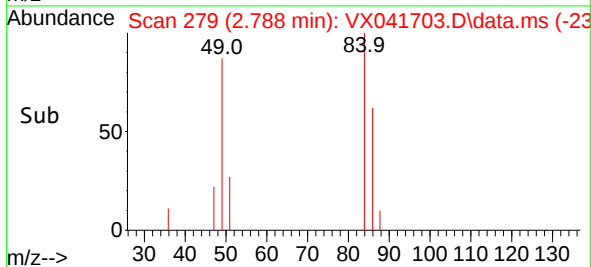
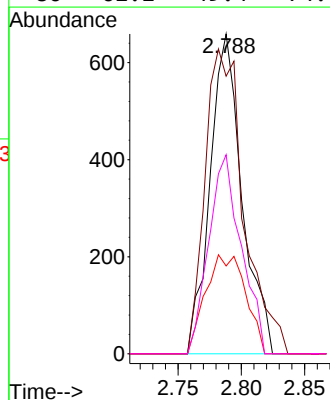
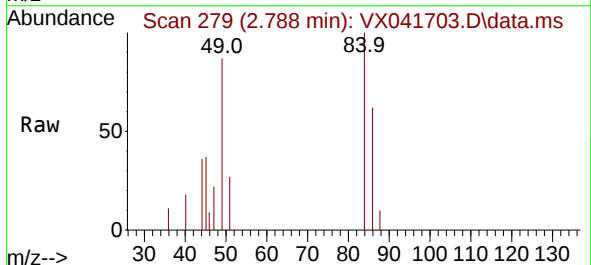
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MSVOA_X
ClientSampleId :
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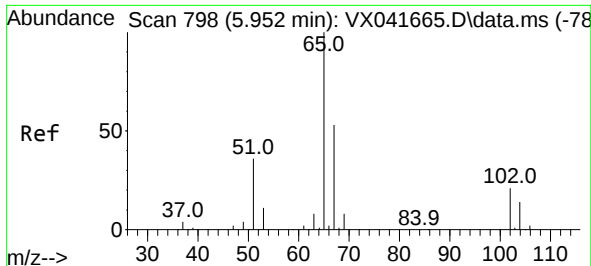
Tgt Ion: 73 Resp: 2684
Ion Ratio Lower Upper
73 100
57 25.0 17.3 25.9



#20
Methylene Chloride
Concen: 0.722 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 86.8 103.6 155.4#
51 27.5 33.8 50.6#
86 62.2 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.962 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041703.D

Acq: 03 Jun 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :

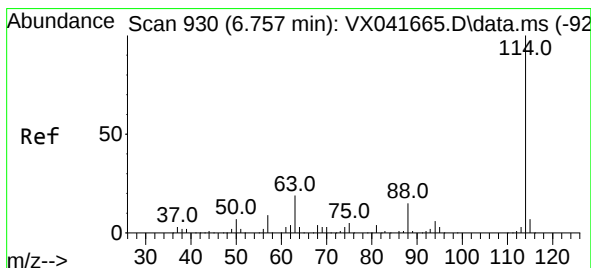
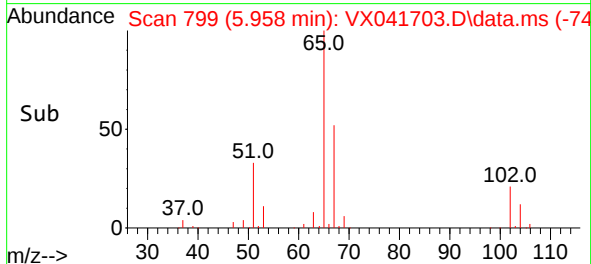
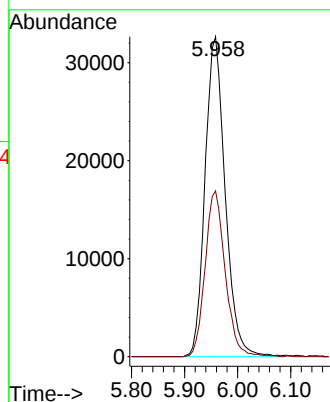
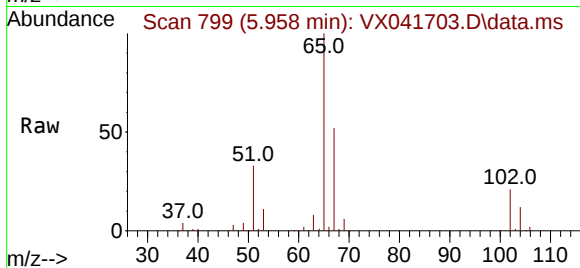
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Tgt Ion: 65 Resp: 86164

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041703.D

Acq: 03 Jun 2024 14:43

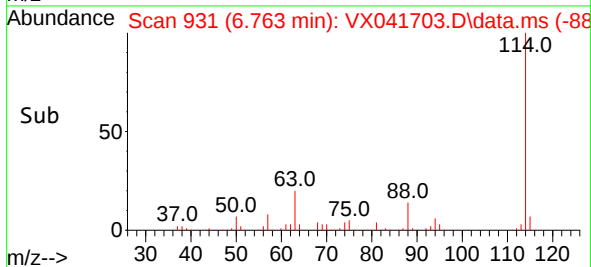
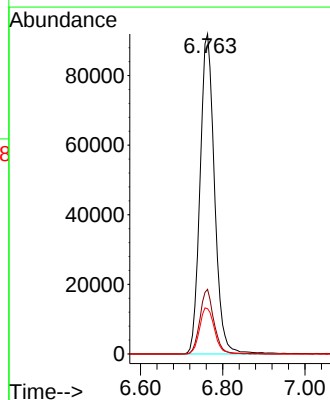
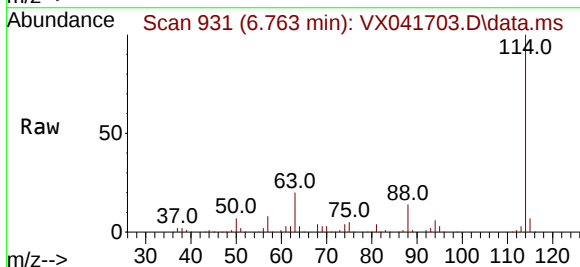
Tgt Ion: 114 Resp: 224269

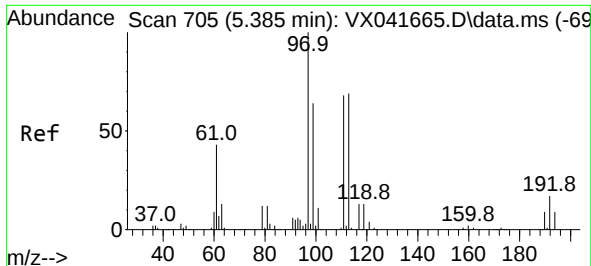
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 14.1 0.0 36.6

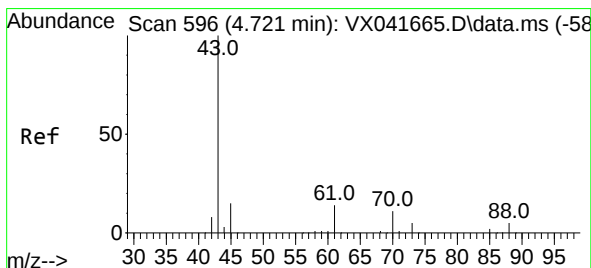
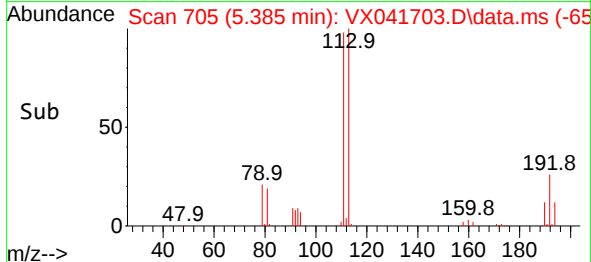
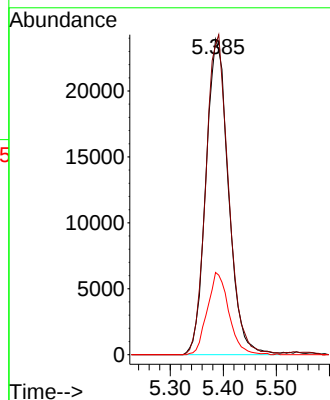
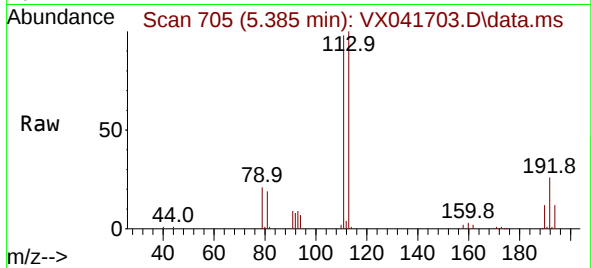




#35
Dibromofluoromethane
Concen: 45.763 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

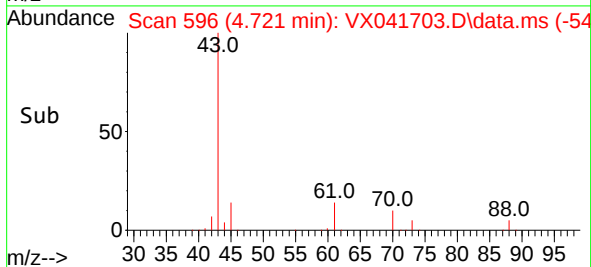
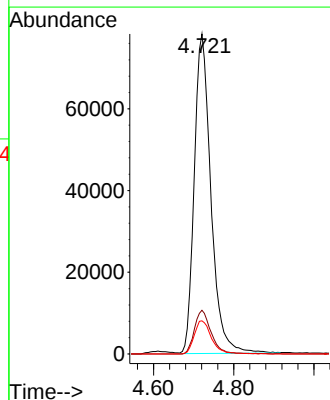
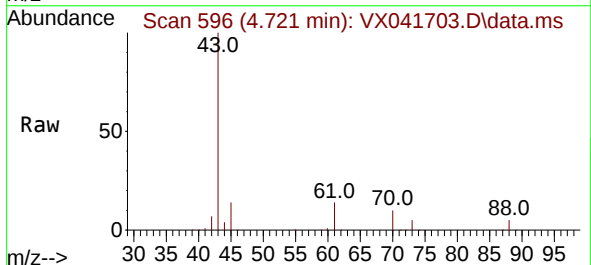
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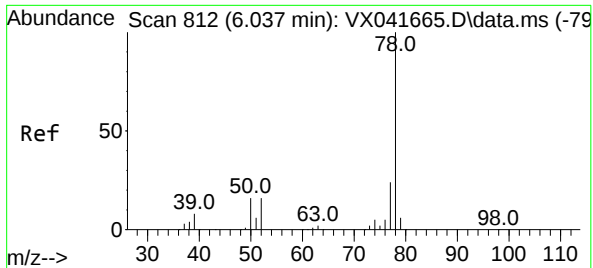
Tgt Ion:113 Resp: 70959
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 24.8 13.3 19.9#



#37
Ethyl Acetate
Concen: 95.092 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 43 Resp: 225317
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.8 8.3 12.5

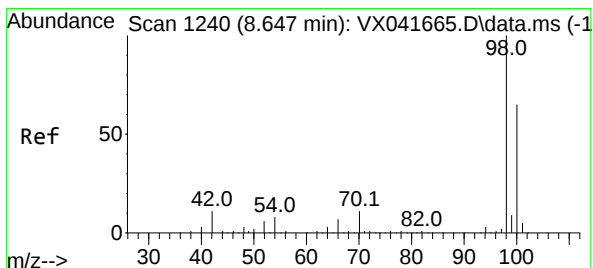
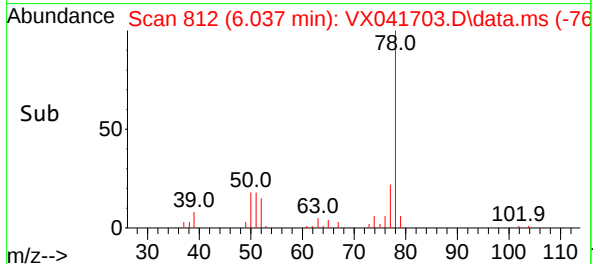
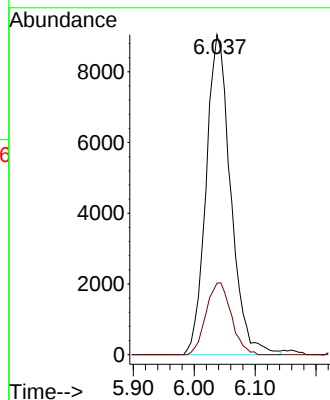
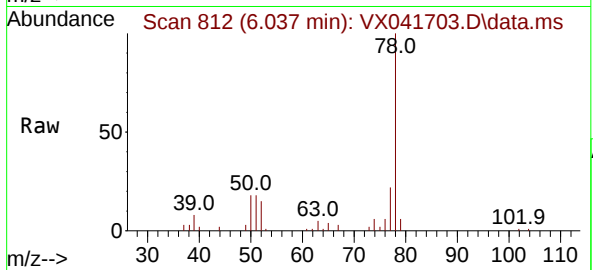




#40
Benzene
Concen: 4.324 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

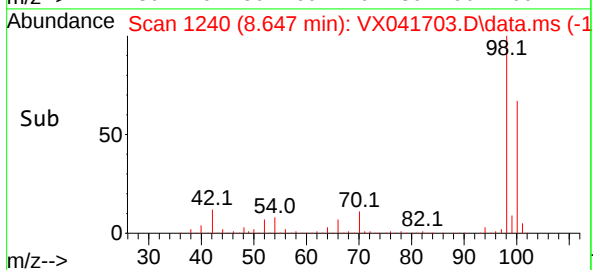
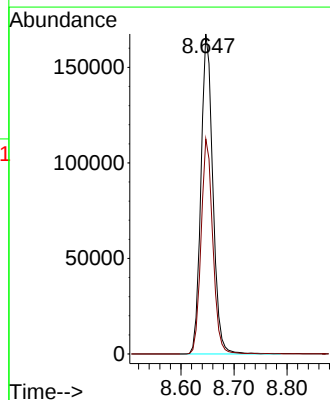
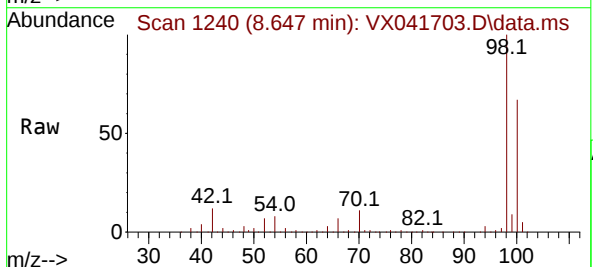
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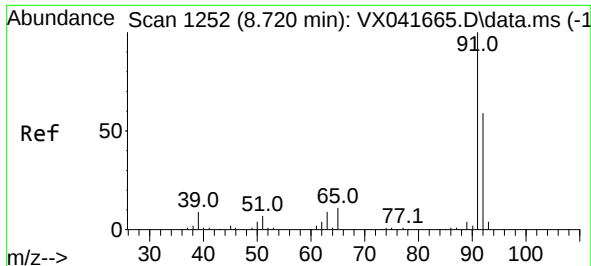
Tgt Ion: 78 Resp: 25378
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9



#50
Toluene-d8
Concen: 48.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 98 Resp: 261138
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

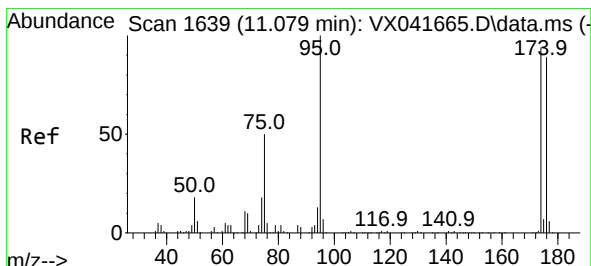
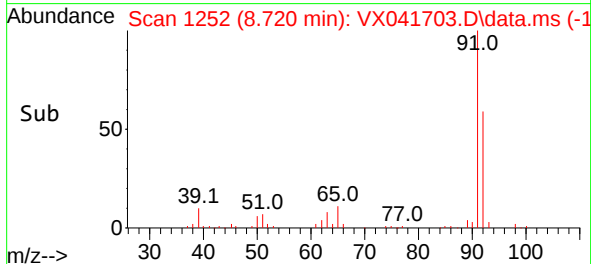
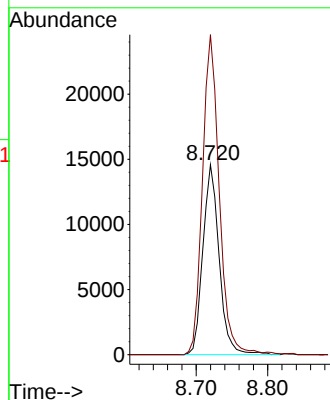
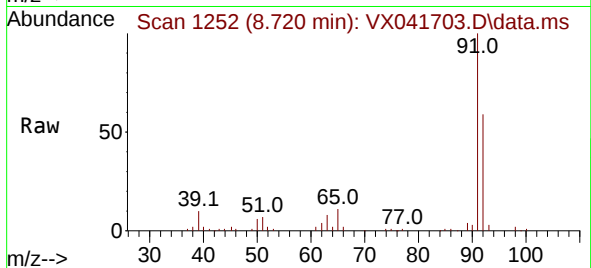




#52
Toluene
Concen: 6.204 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

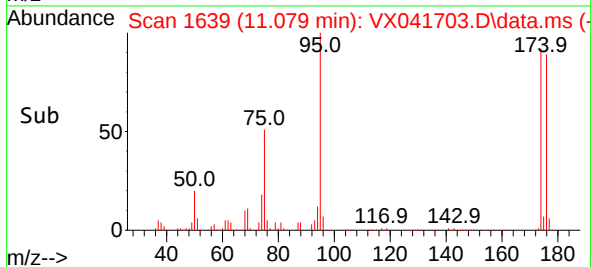
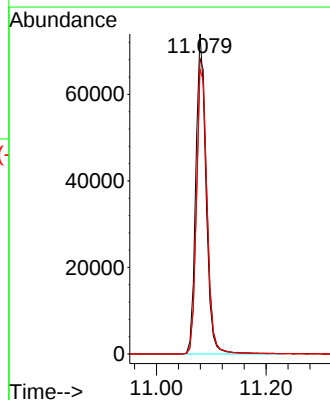
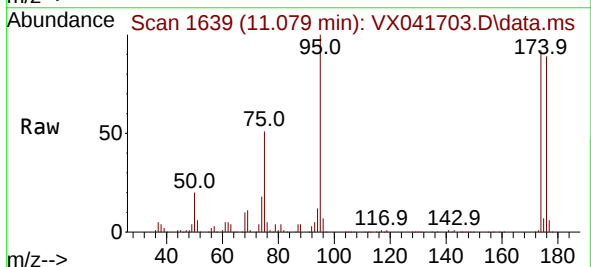
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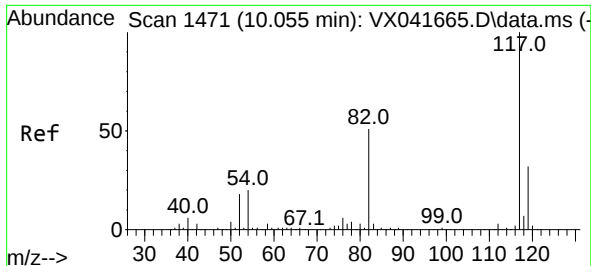
Tgt Ion: 92 Resp: 23106
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 95 Resp: 95980
Ion Ratio Lower Upper
95 100
174 95.4 0.0 135.6
176 92.2 0.0 131.0

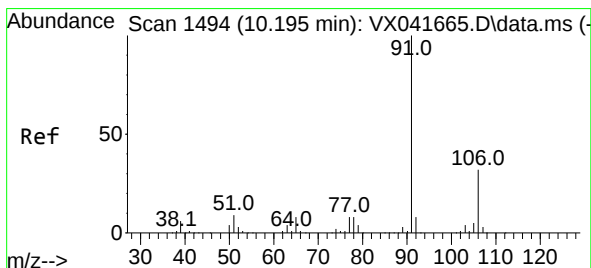
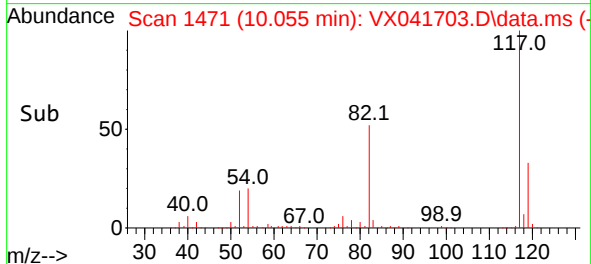
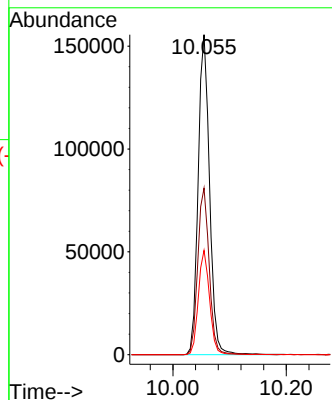
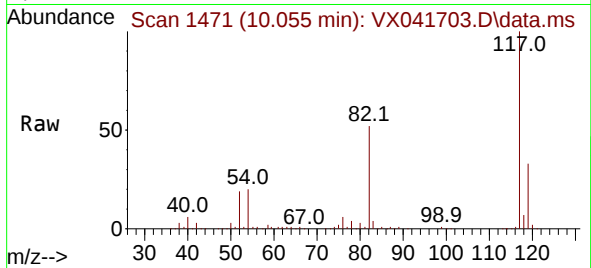




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

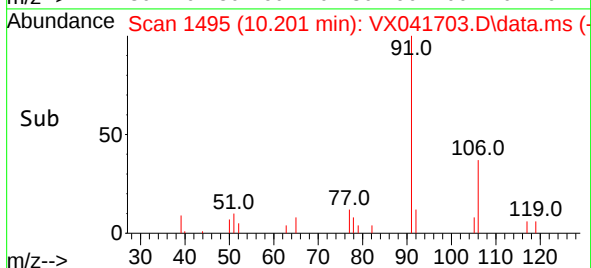
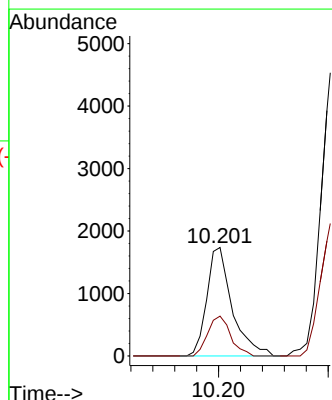
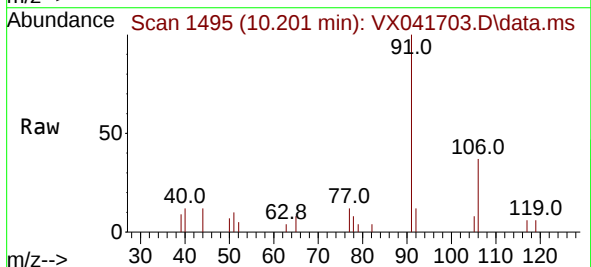
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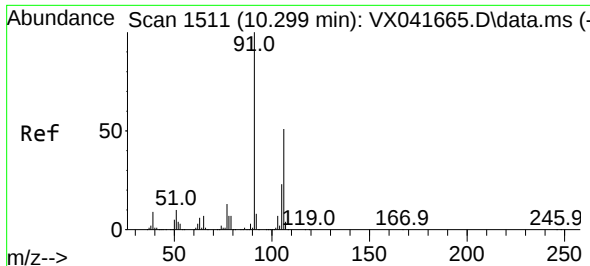
Tgt Ion:117 Resp: 216723
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.375 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion: 91 Resp: 2783
Ion Ratio Lower Upper
91 100
106 36.7 24.9 37.3

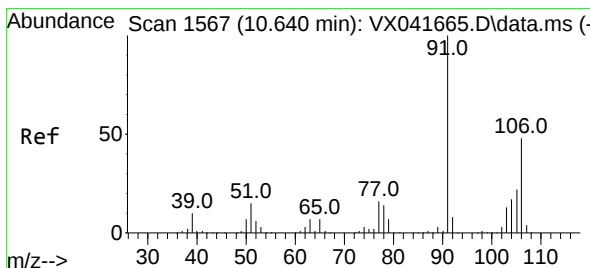
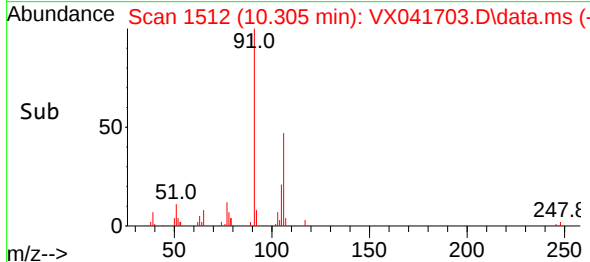
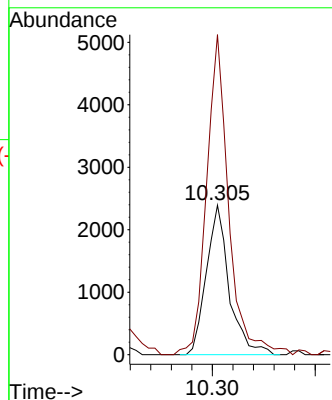
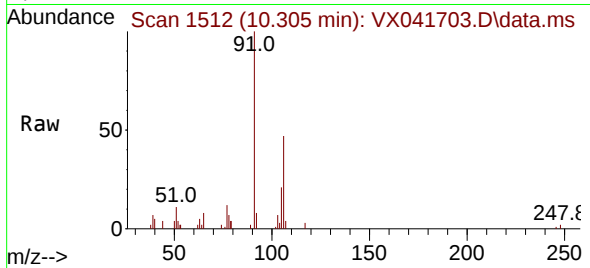




#68
m/p-Xylenes
Concen: 1.255 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

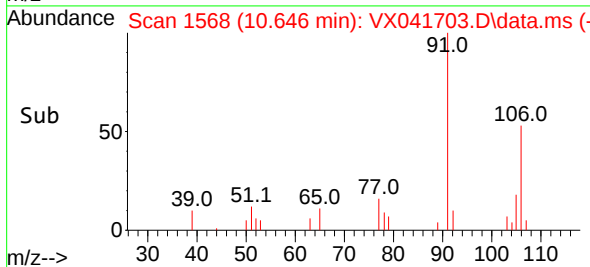
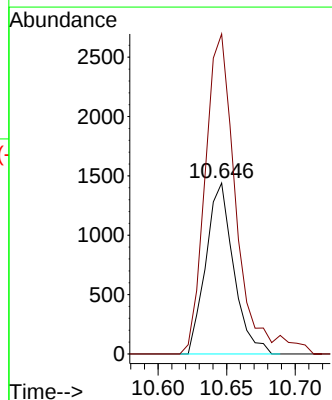
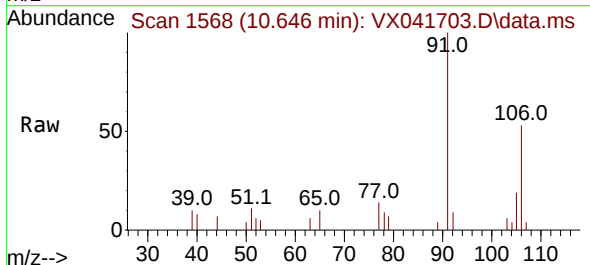
Instrument :
MSVOA_X
ClientSampleId :
50362

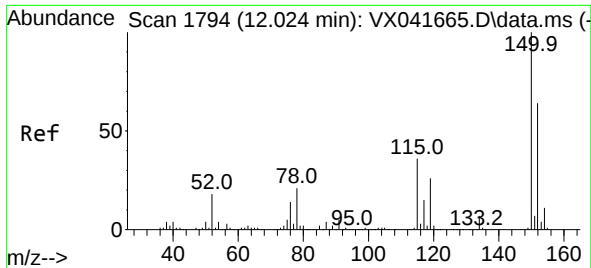
Tgt Ion:106 Resp: 3700
Ion Ratio Lower Upper
106 100
91 205.8 165.5 248.3



#69
o-Xylene
Concen: 0.691 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041703.D
Acq: 03 Jun 2024 14:43

Tgt Ion:106 Resp: 2026
Ion Ratio Lower Upper
106 100
91 209.0 108.9 326.8

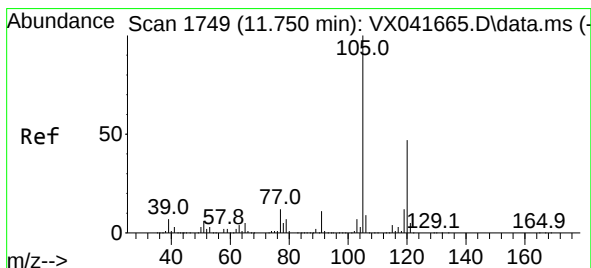
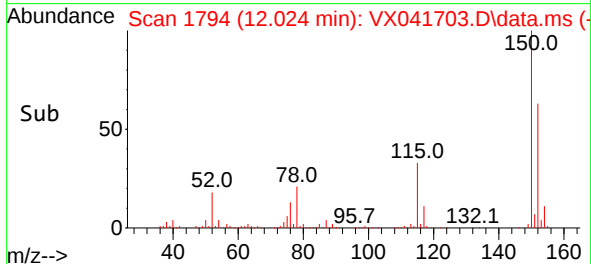
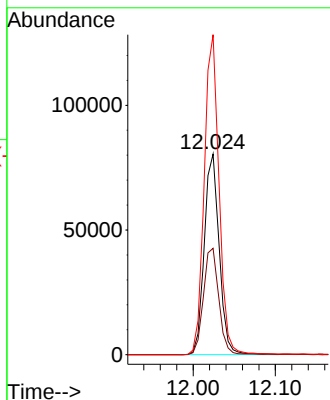
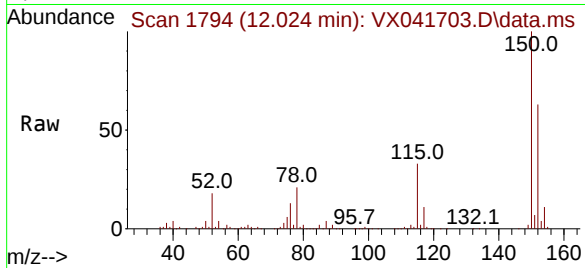




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041703.D
 Acq: 03 Jun 2024 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 50362

Tgt Ion:152 Resp: 101705
 Ion Ratio Lower Upper
 152 100
 115 54.7 43.3 129.9
 150 158.0 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.360 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041703.D
 Acq: 03 Jun 2024 14:43

Tgt Ion:105 Resp: 1922
 Ion Ratio Lower Upper
 105 100
 120 41.5 21.2 63.6

