

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040935.D
 Acq On : 08 Apr 2024 17:17
 Operator : JC/MD
 Sample : P2026-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50308

Quant Time: Apr 09 02:51:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

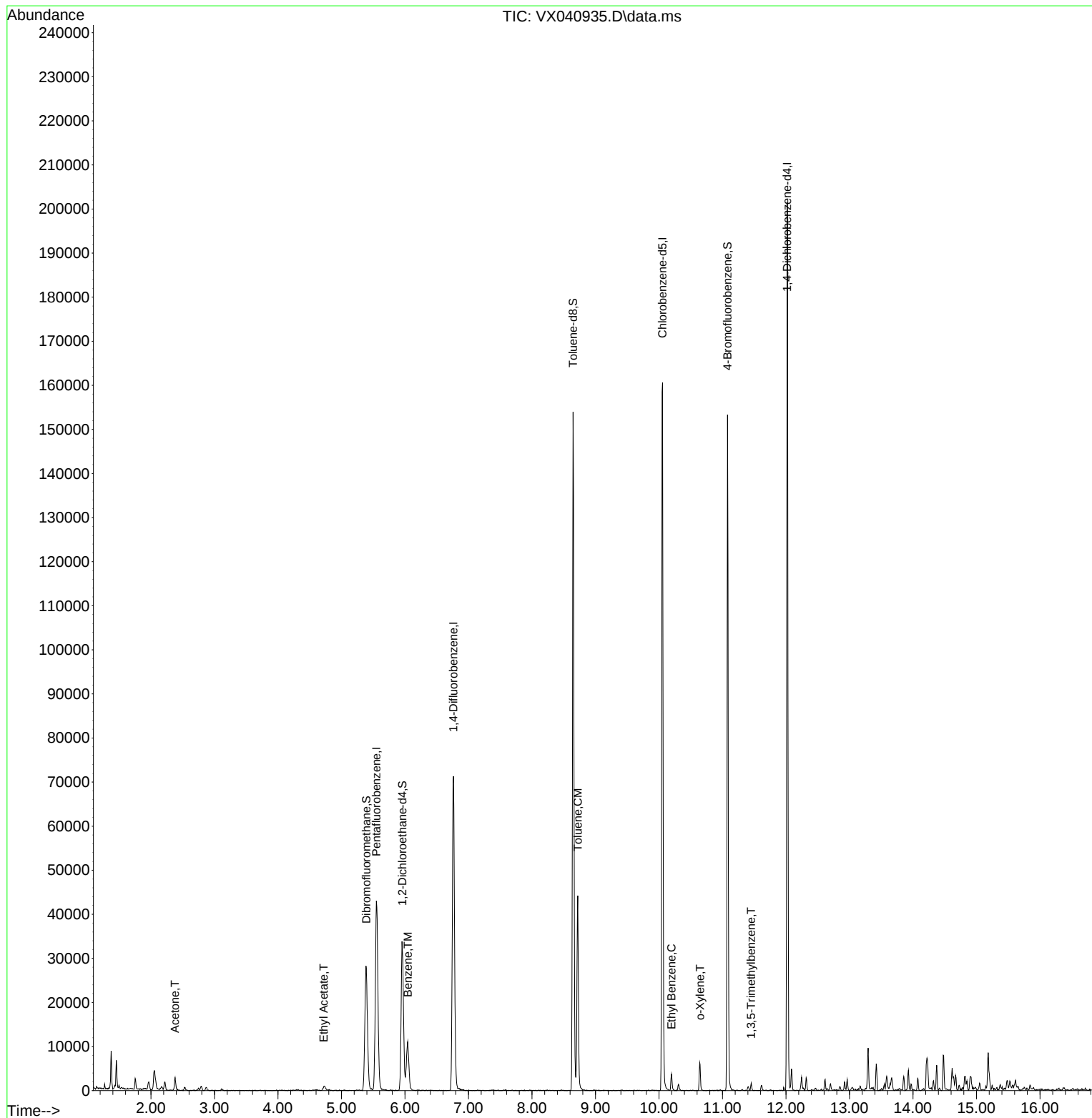
Internal Standards						
1) Pentafluorobenzene	5.550	168	38673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	37043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34025	49.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.060%
35) Dibromofluoromethane	5.391	113	23424	48.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.647	98	88129	50.166	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	36928	52.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3015	11.190	ug/l	98
37) Ethyl Acetate	4.721	43	2293	2.703	ug/l #	83
40) Benzene	6.044	78	12694	6.621	ug/l	97
52) Toluene	8.720	92	15853	13.104	ug/l	94
67) Ethyl Benzene	10.195	91	2521	0.934	ug/l	94
69) o-Xylene	10.647	106	1341	1.449	ug/l	74
80) 1,3,5-Trimethylbenzene	11.451	105	949	0.429	ug/l	95

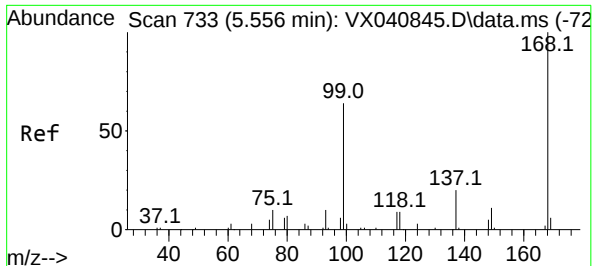
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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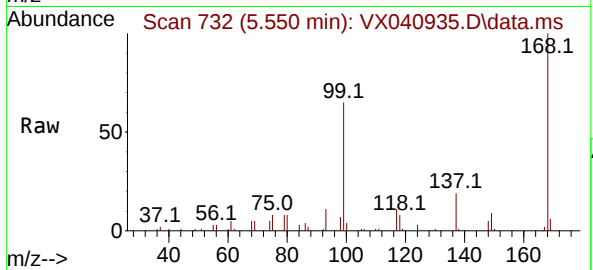
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

Instrument :

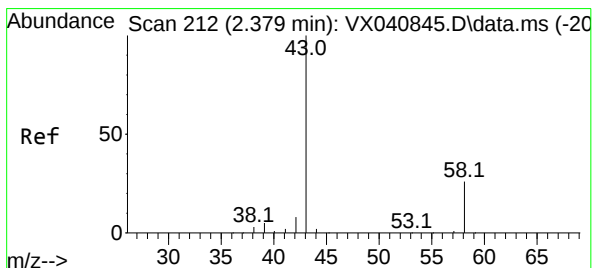
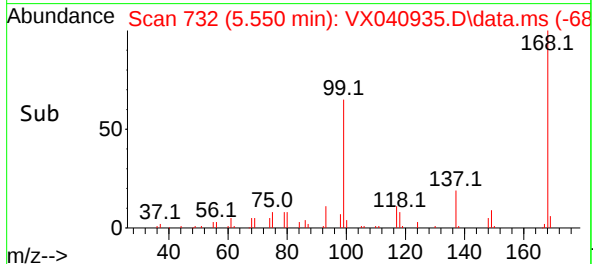
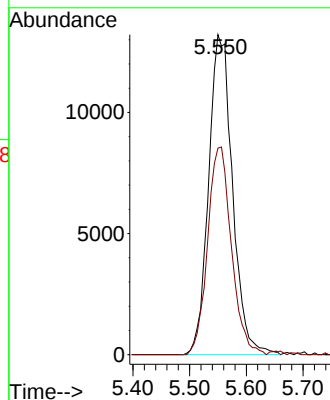
MSVOA_X

ClientSampleId :

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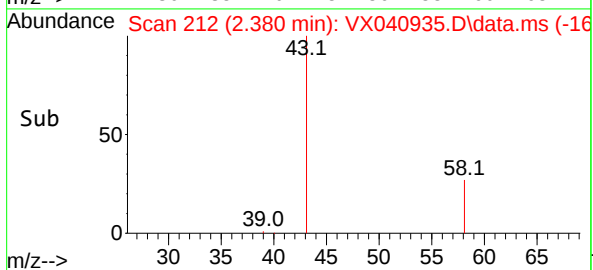
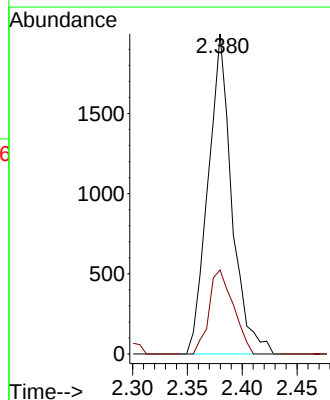
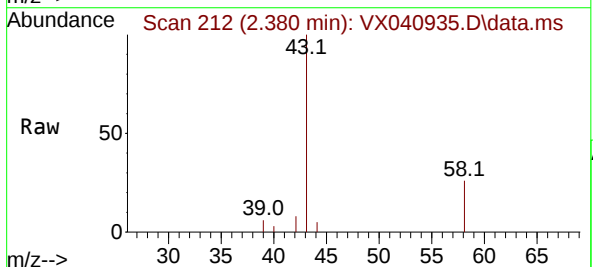


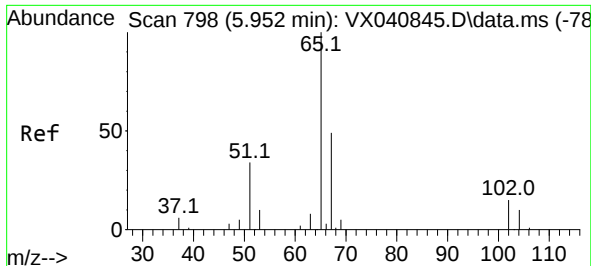
Tgt Ion:168 Resp: 38673
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#16
Acetone
Concen: 11.190 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

Tgt Ion: 43 Resp: 3015
Ion Ratio Lower Upper
43 100
58 26.3 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 49.034 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040935.D

Acq: 08 Apr 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

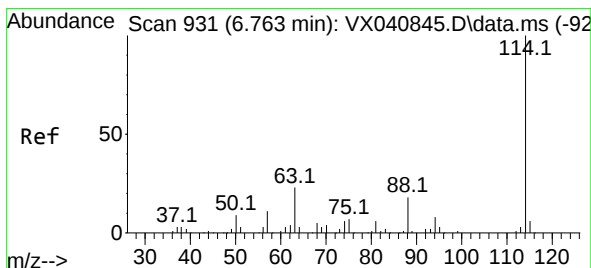
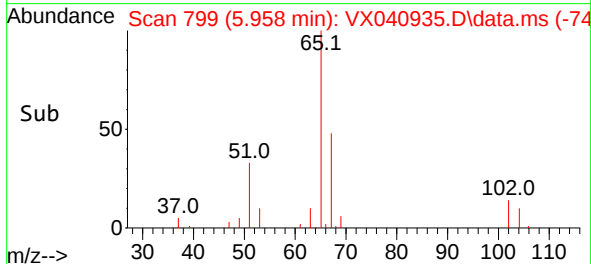
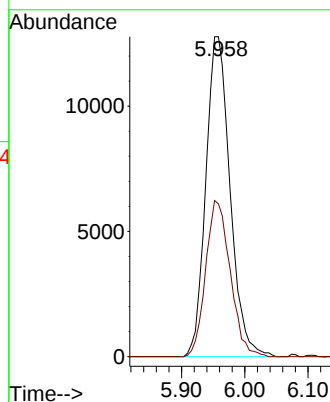
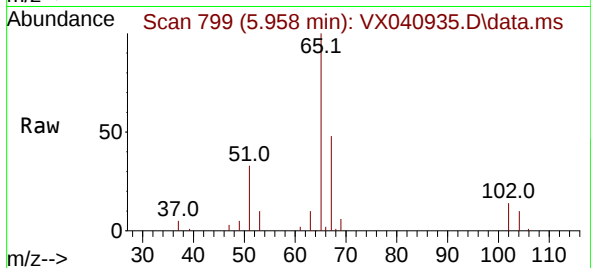
50308

Tgt Ion: 65 Resp: 34025

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040935.D

Acq: 08 Apr 2024 17:17

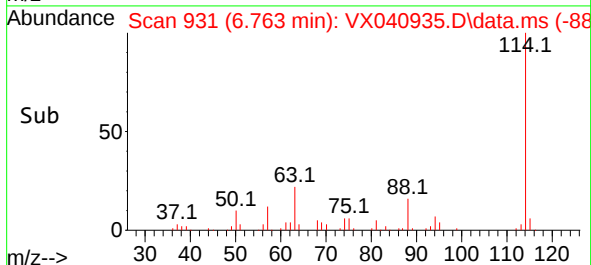
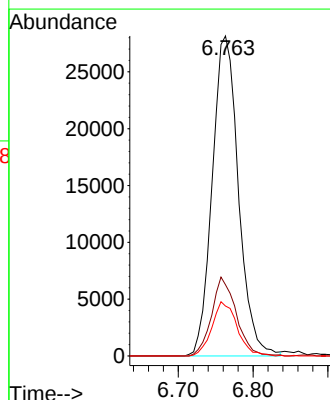
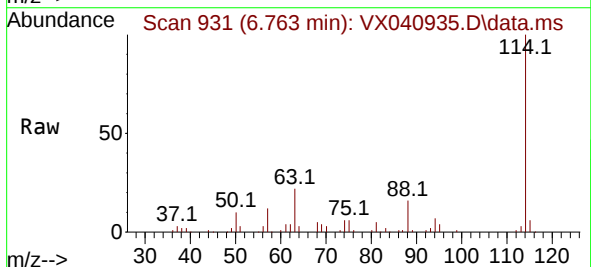
Tgt Ion: 114 Resp: 68639

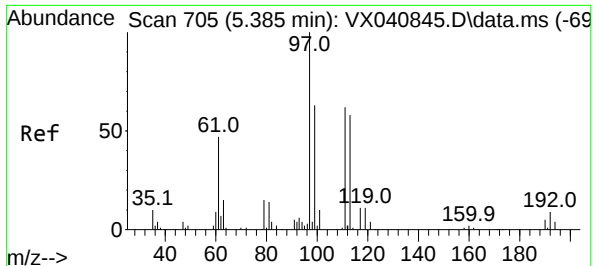
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 15.6 0.0 36.6

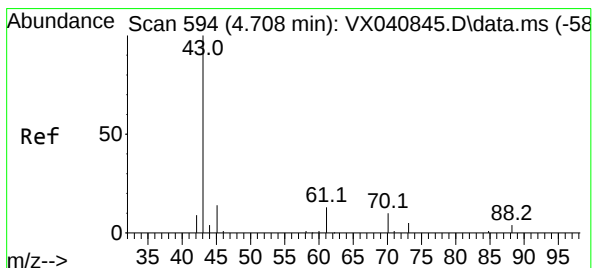
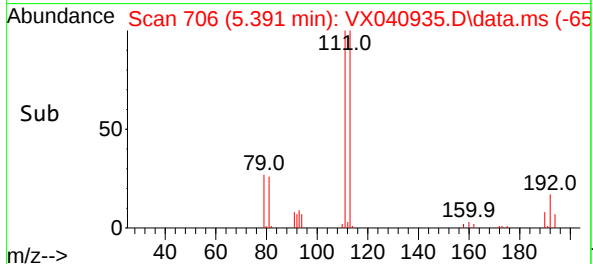
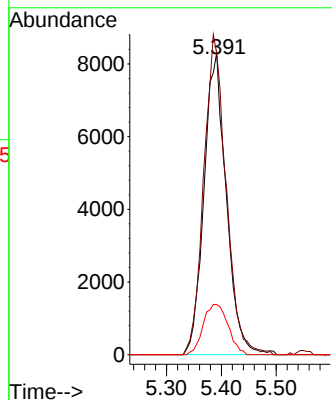
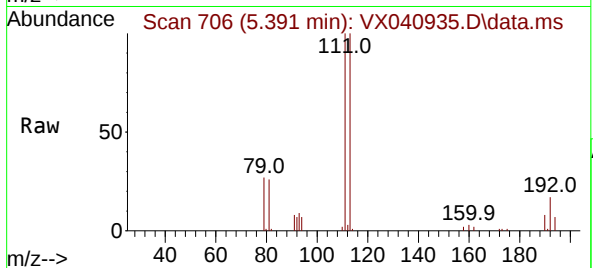




#35
 Dibromofluoromethane
 Concen: 48.181 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX040935.D
 Acq: 08 Apr 2024 17:17

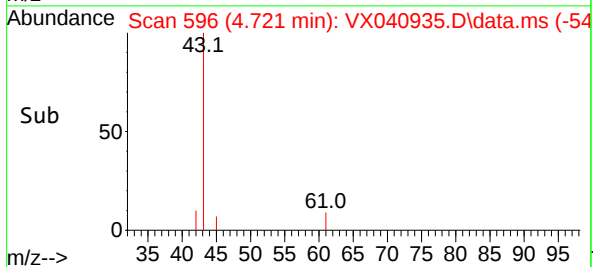
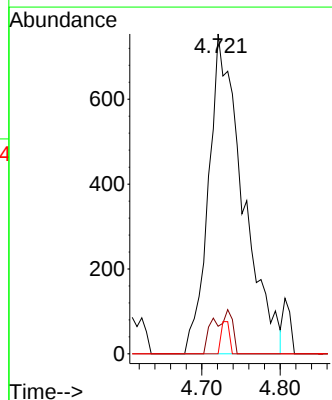
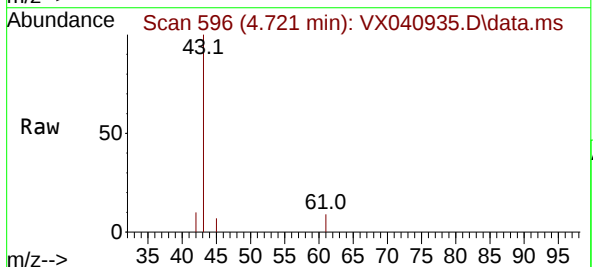
Instrument :
 MSVOA_X
 ClientSampleId :
 50308

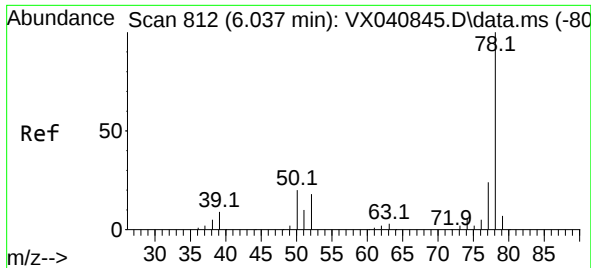
Tgt Ion:113 Resp: 23424
 Ion Ratio Lower Upper
 113 100
 111 106.0 82.9 124.3
 192 18.6 13.3 19.9



#37
 Ethyl Acetate
 Concen: 2.703 ug/l
 RT: 4.721 min Scan# 596
 Delta R.T. 0.012 min
 Lab File: VX040935.D
 Acq: 08 Apr 2024 17:17

Tgt Ion: 43 Resp: 2293
 Ion Ratio Lower Upper
 43 100
 61 7.5 10.6 16.0#
 70 2.4 8.3 12.5#

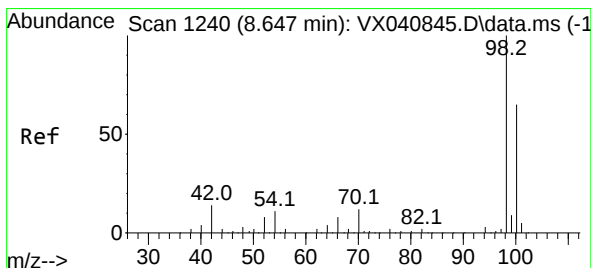
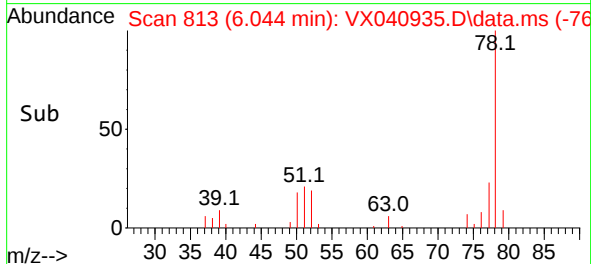
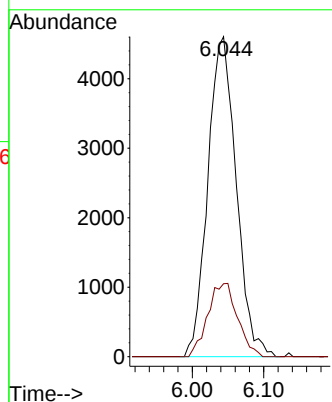
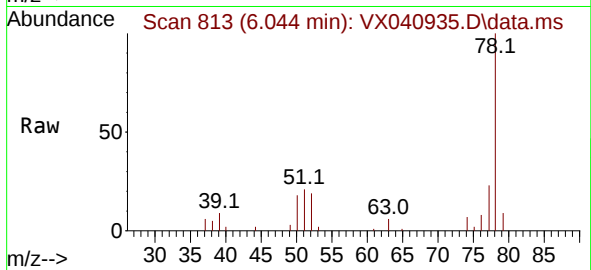




#40
Benzene
Concen: 6.621 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

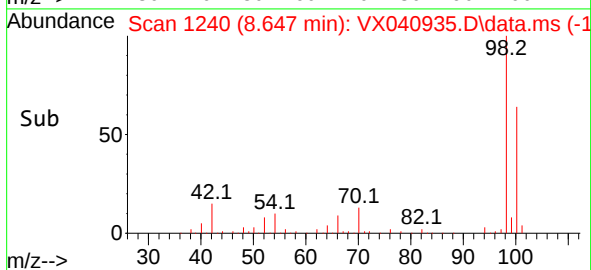
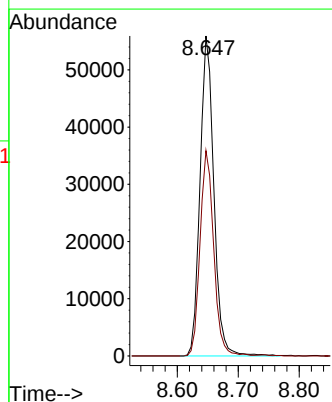
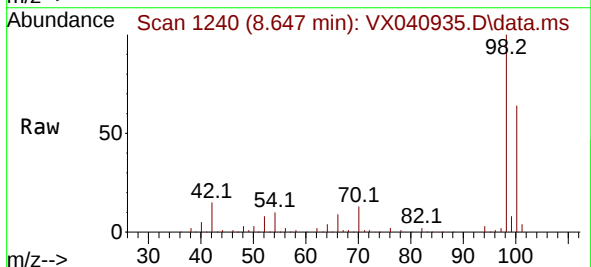
Instrument :
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ClientSampleId :
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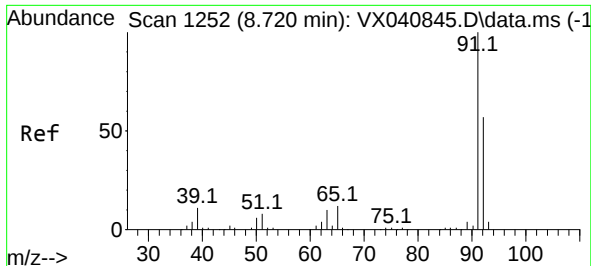
Tgt Ion: 78 Resp: 12694
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9



#50
Toluene-d8
Concen: 50.166 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

Tgt Ion: 98 Resp: 88129
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

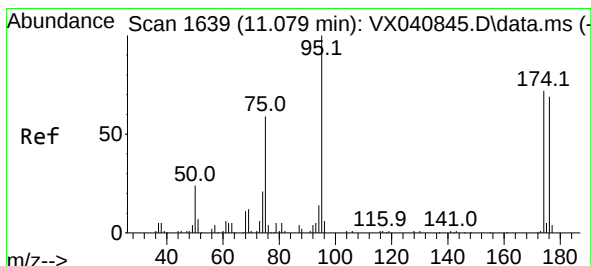
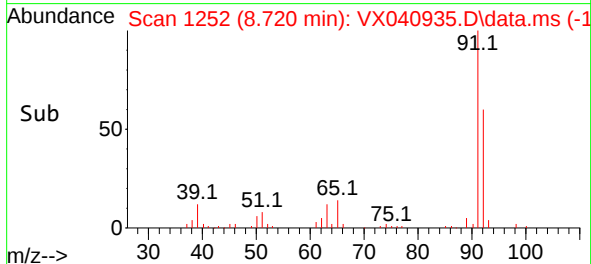
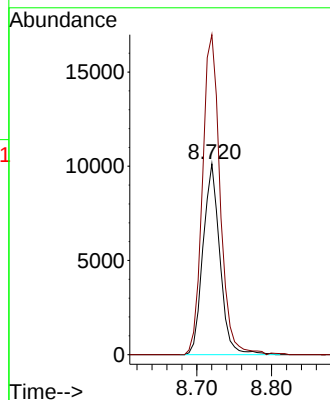
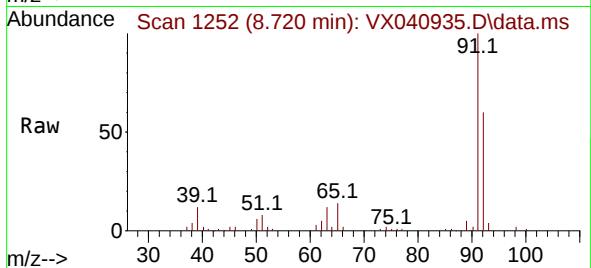




#52
Toluene
Concen: 13.104 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

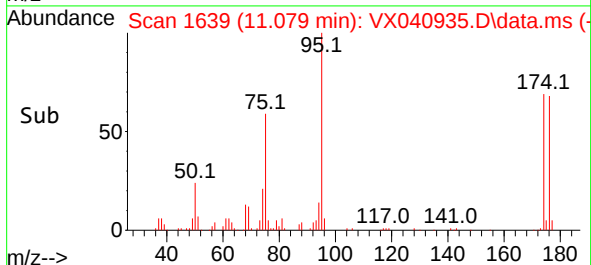
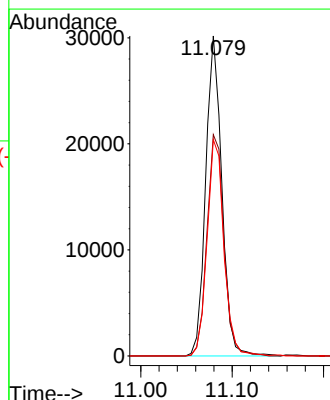
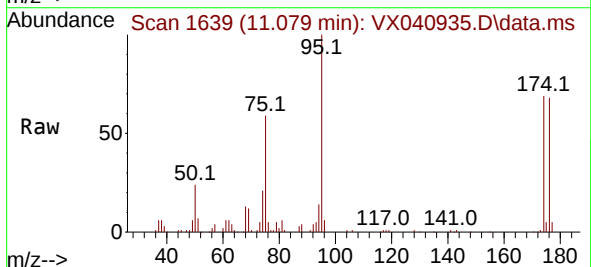
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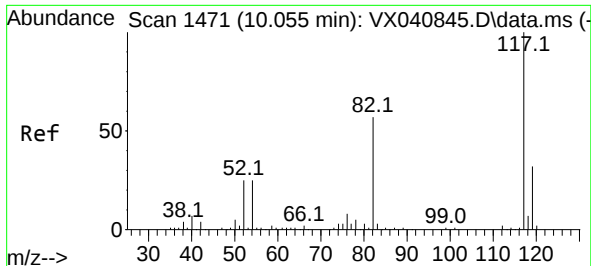
Tgt Ion: 92 Resp: 15853
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

Tgt Ion: 95 Resp: 36928
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.5 0.0 131.0

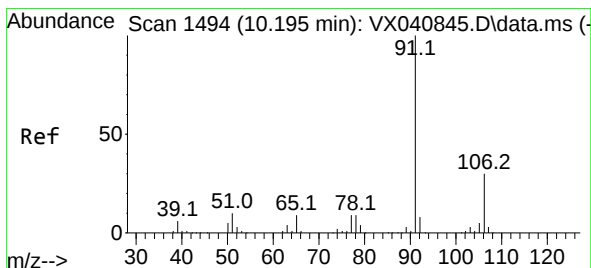
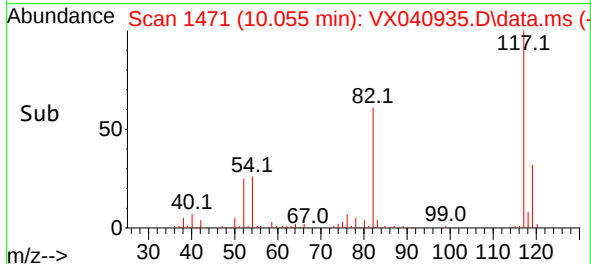
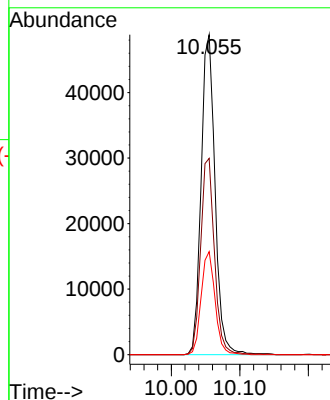
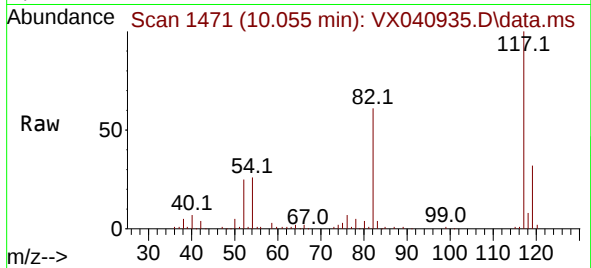




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

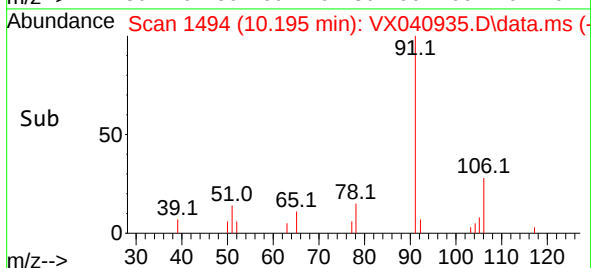
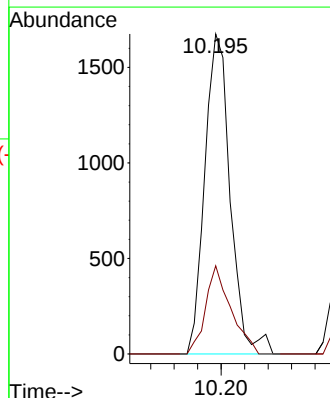
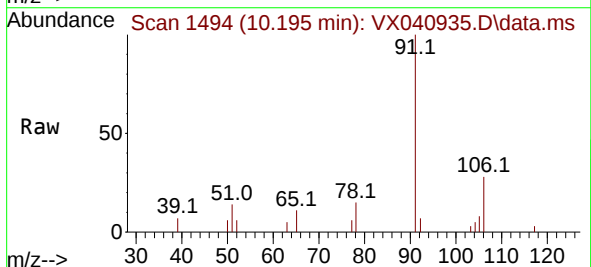
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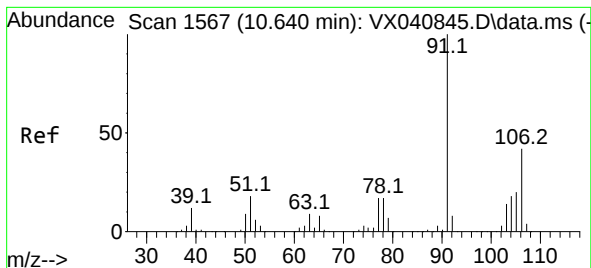
Tgt Ion:117 Resp: 69223
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.934 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040935.D
Acq: 08 Apr 2024 17:17

Tgt Ion: 91 Resp: 2521
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3





#69

o-Xylene

Concen: 1.449 ug/l

RT: 10.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040935.D

Acq: 08 Apr 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

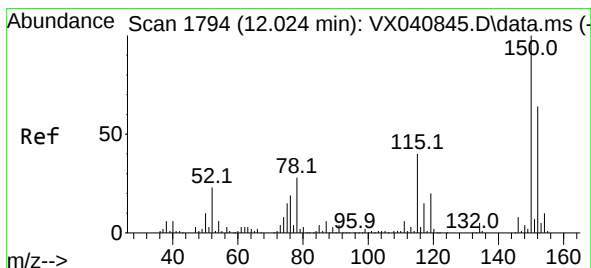
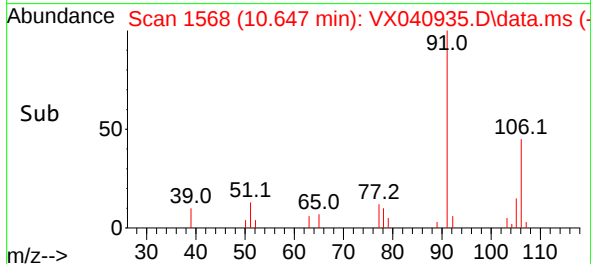
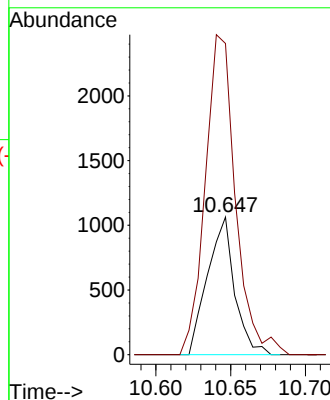
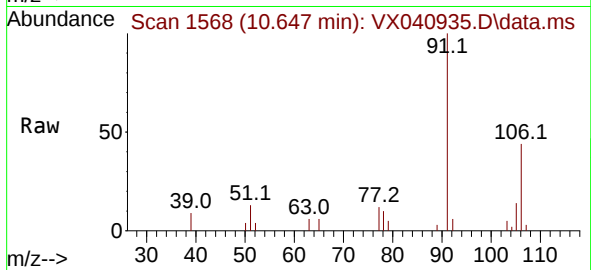
50308

Tgt Ion:106 Resp: 1341

Ion Ratio Lower Upper

106 100

91 259.7 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040935.D

Acq: 08 Apr 2024 17:17

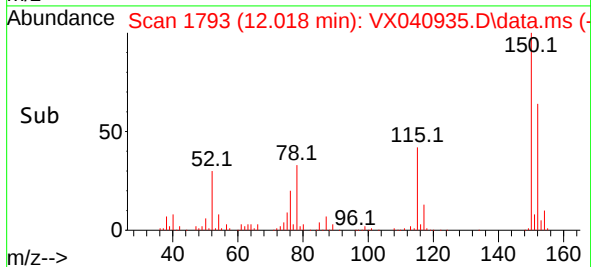
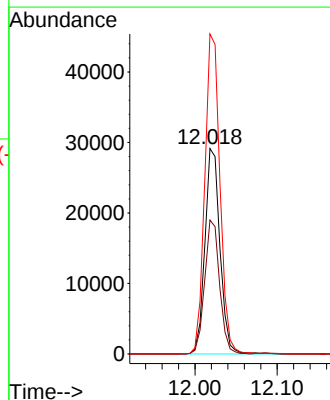
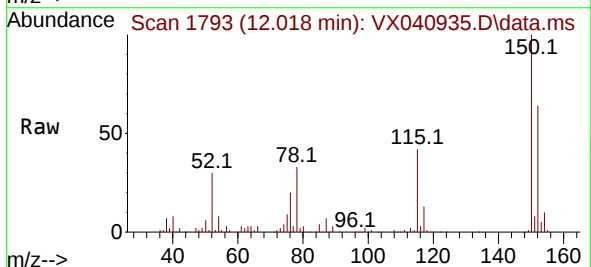
Tgt Ion:152 Resp: 37043

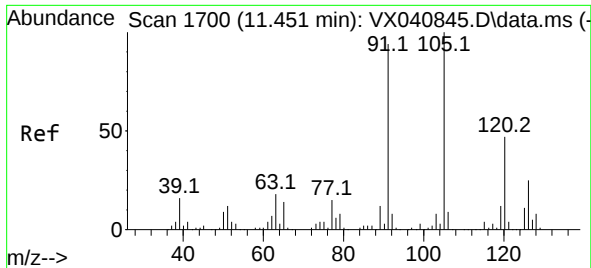
Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 157.0 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.429 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040935.D

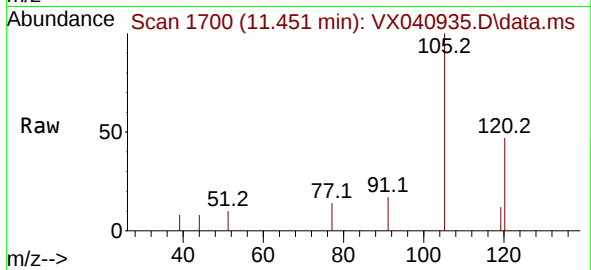
Acq: 08 Apr 2024 17:17

Instrument :

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Tgt Ion:105 Resp: 949

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3

