

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036728.D
 Acq On : 31 Jul 2023 18:23
 Operator : JC/MD
 Sample : 03808-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1713DL

Quant Time: Aug 01 04:40:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

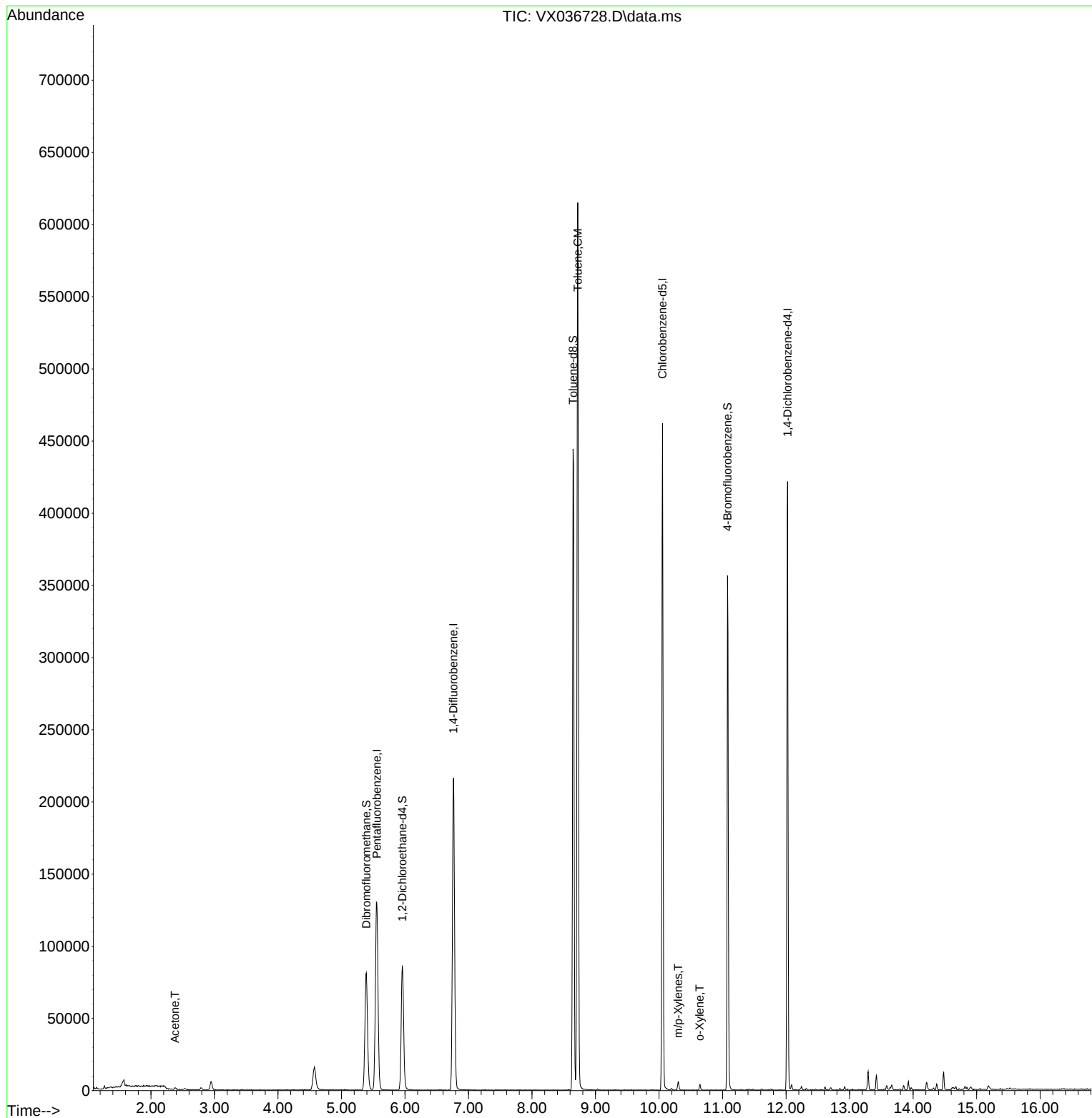
Internal Standards						
1) Pentafluorobenzene	5.556	168	122705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82771	45.589	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.391	113	70830	46.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.740%		
50) Toluene-d8	8.646	98	266352	49.176	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	95557	46.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.520%		
Target Compounds					Qvalue	
16) Acetone	2.379	43	1665	2.210	ug/l	92
52) Toluene	8.720	92	232723	56.077	ug/l	98
68) m/p-Xylenes	10.299	106	1452	0.479	ug/l	98
69) o-Xylene	10.640	106	921	0.305	ug/l	97

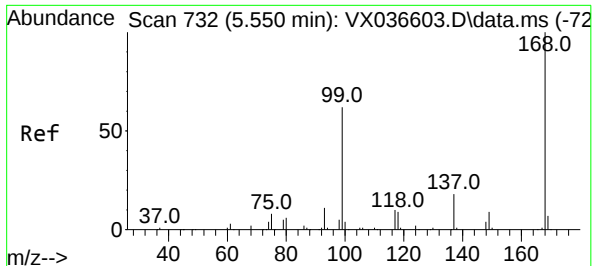
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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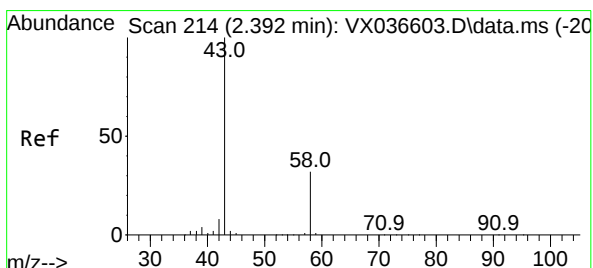
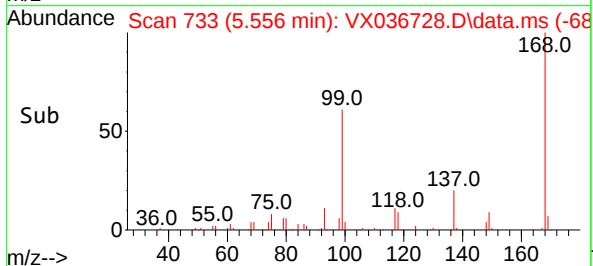
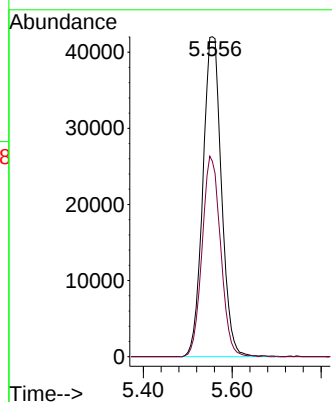
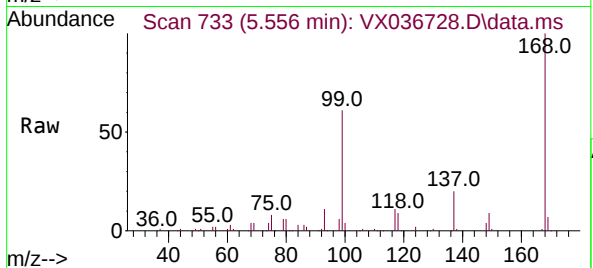




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

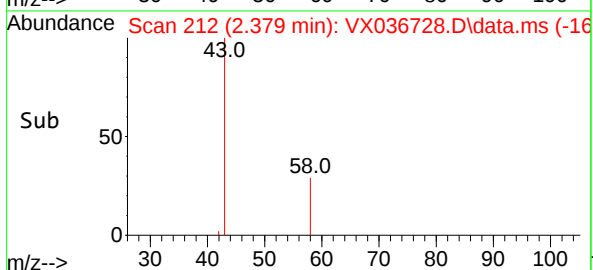
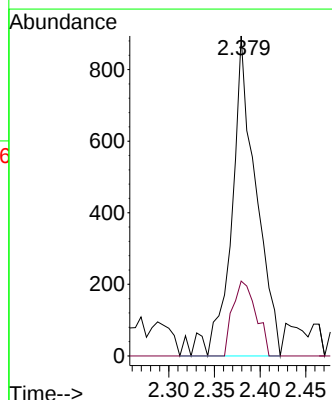
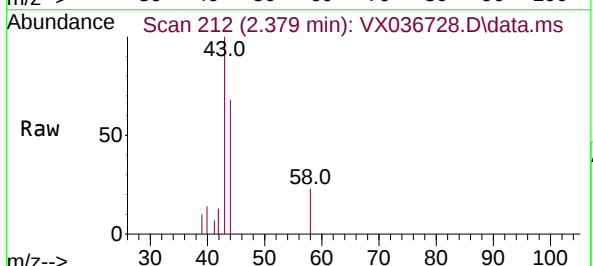
Instrument :
MSVOA_X
ClientSampleId :
1713DL

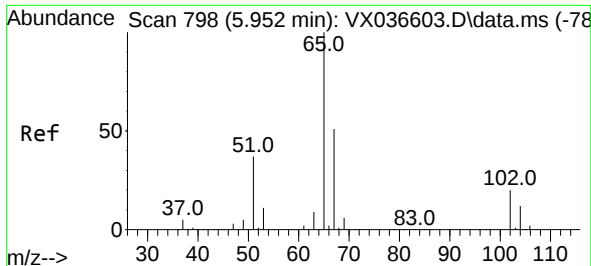
Tgt Ion:168 Resp: 122705
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#16
Acetone
Concen: 2.210 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.589 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036728.D

Acq: 31 Jul 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

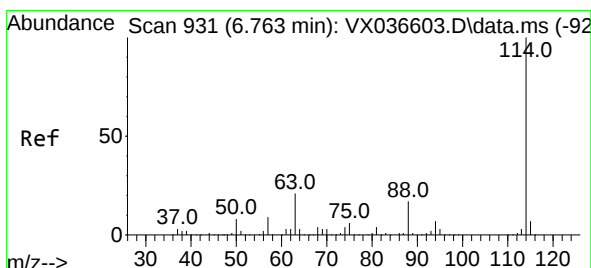
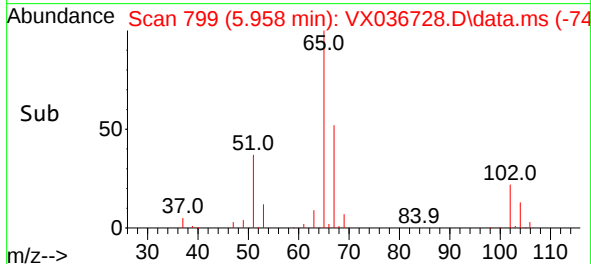
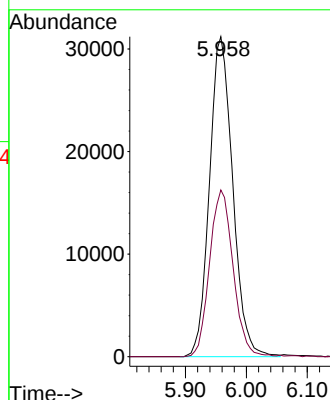
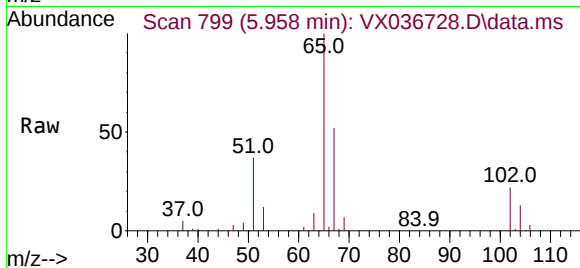
1713DL

Tgt Ion: 65 Resp: 82771

Ion Ratio Lower Upper

65 100

67 52.6 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: VX036728.D

Acq: 31 Jul 2023 18:23

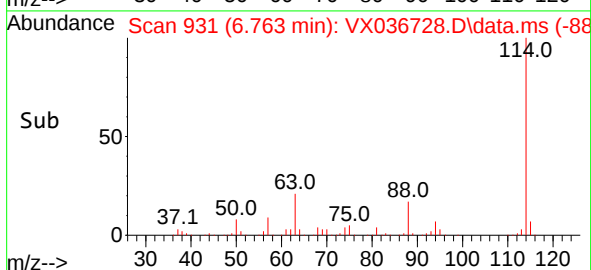
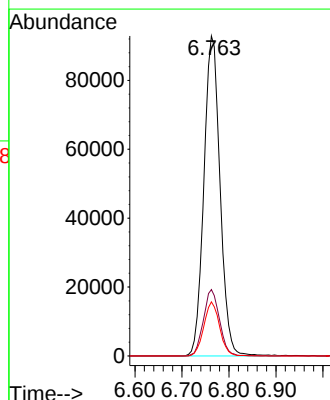
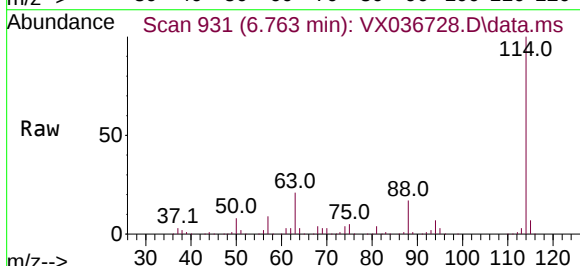
Tgt Ion: 114 Resp: 222208

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.375 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036728.D

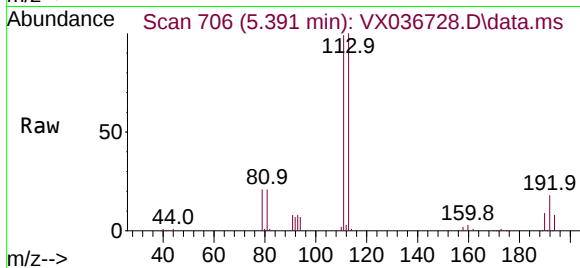
Acq: 31 Jul 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

1713DL



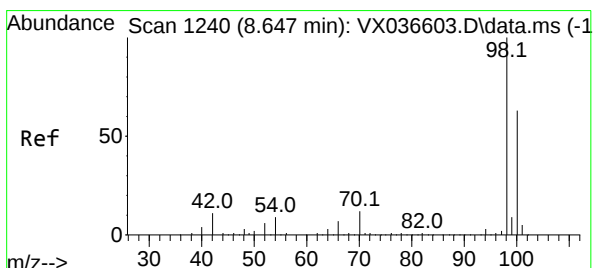
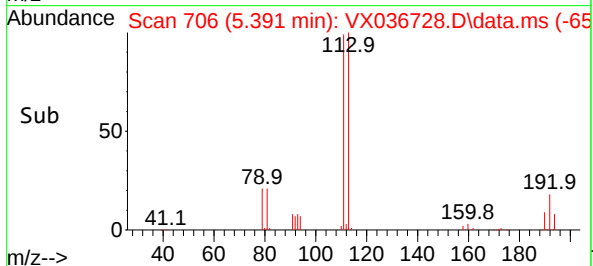
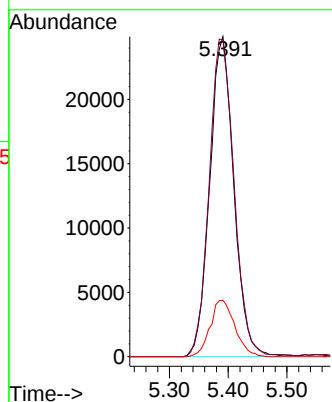
Tgt Ion:113 Resp: 70830

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.1 13.3 19.9



#50

Toluene-d8

Concen: 49.176 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036728.D

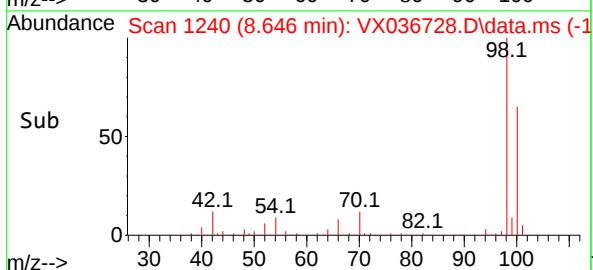
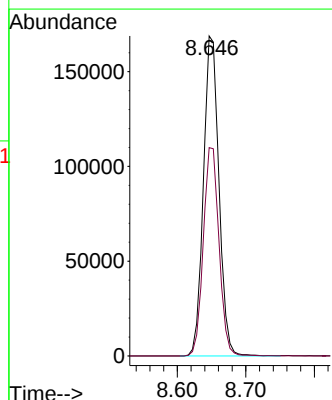
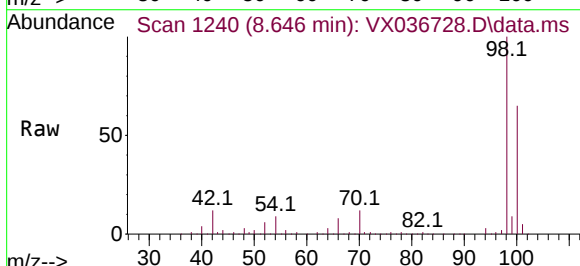
Acq: 31 Jul 2023 18:23

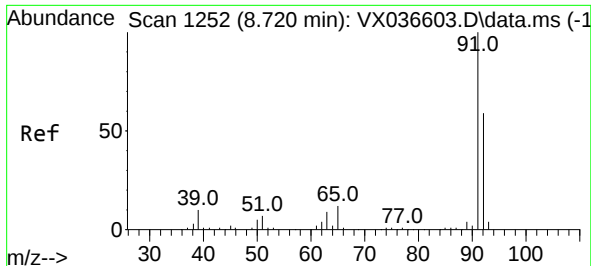
Tgt Ion: 98 Resp: 266352

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

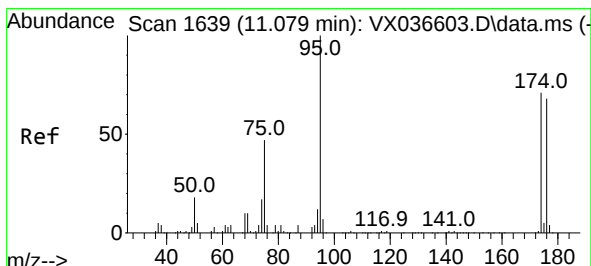
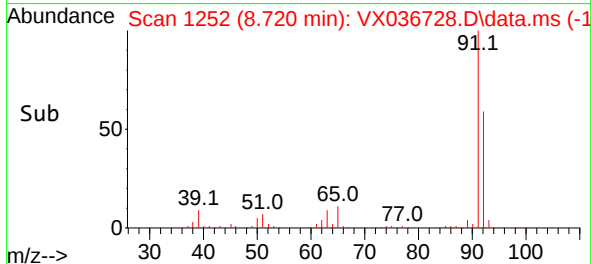
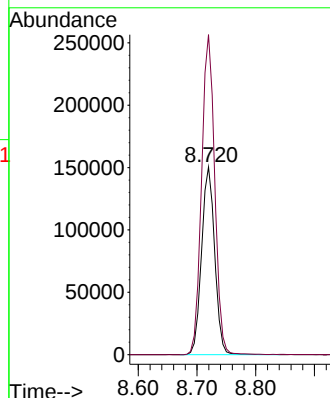
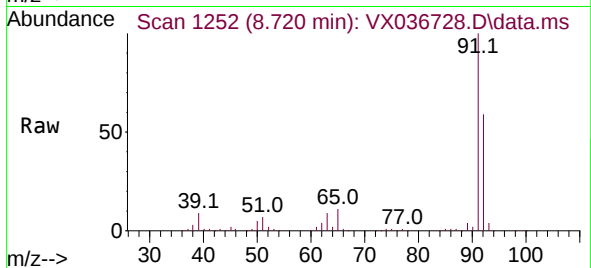




#52
Toluene
Concen: 56.077 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

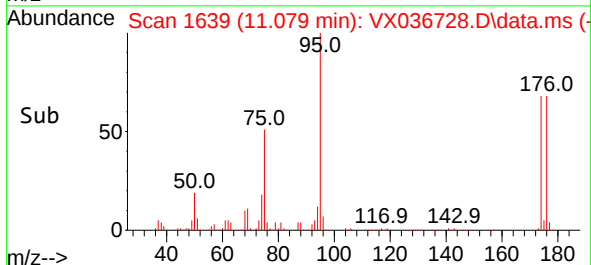
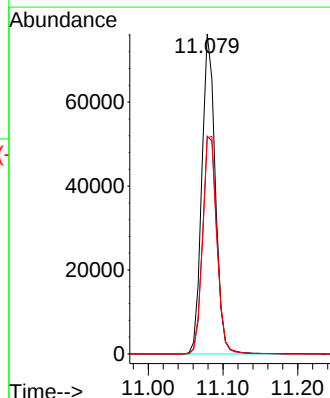
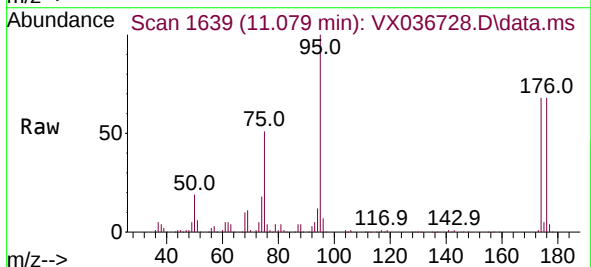
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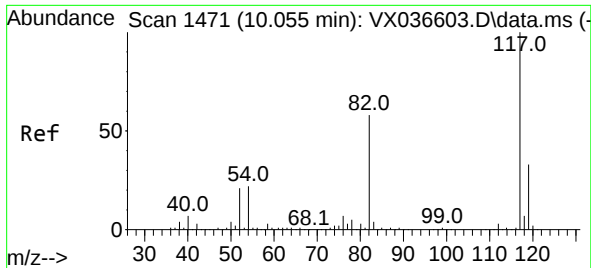
Tgt Ion: 92 Resp: 232723
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

Tgt Ion: 95 Resp: 95557
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 71.6 0.0 131.0

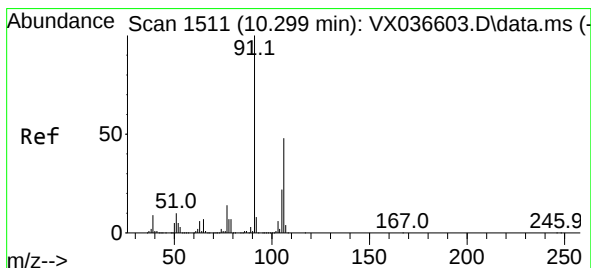
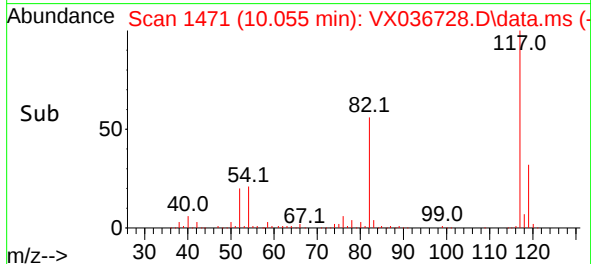
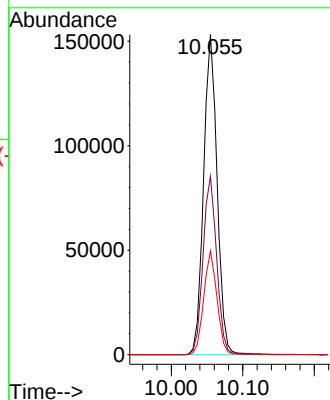
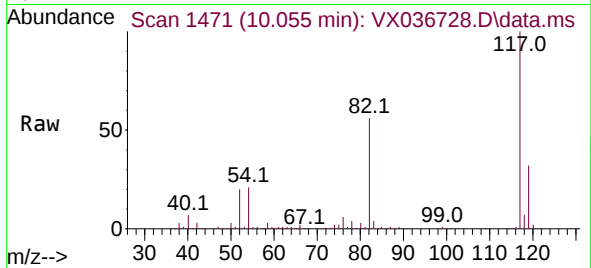




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

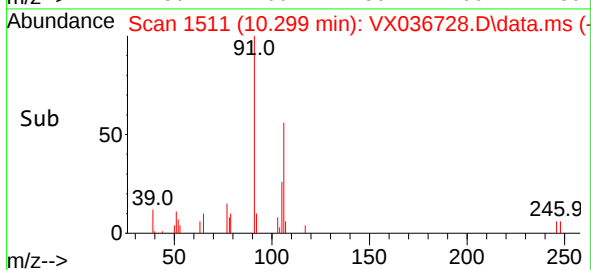
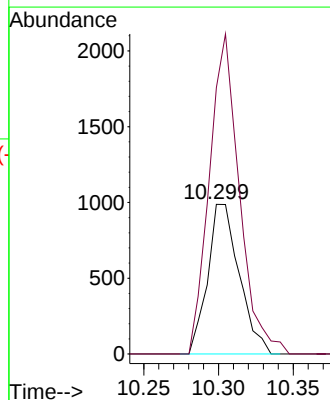
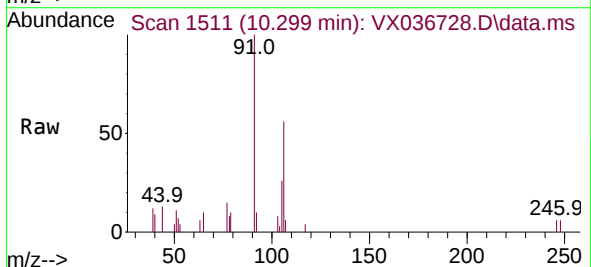
Instrument :
MSVOA_X
ClientSampleId :
1713DL

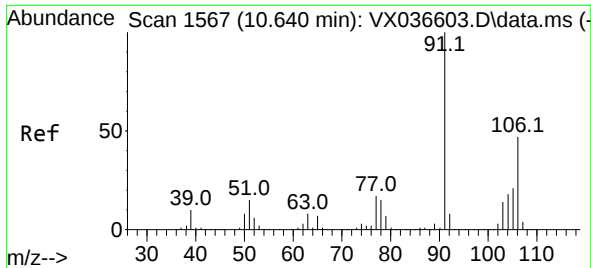
Tgt Ion:117 Resp: 201601
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.479 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

Tgt Ion:106 Resp: 1452
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3

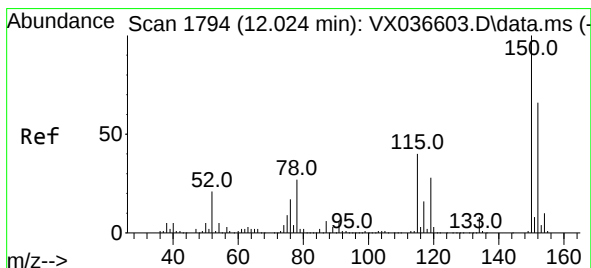
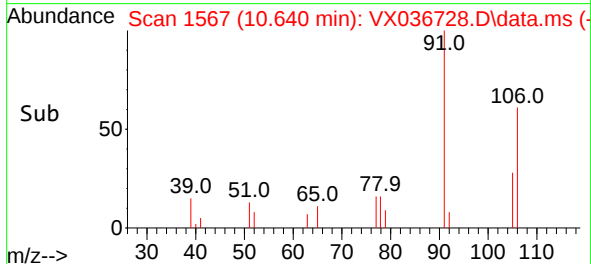
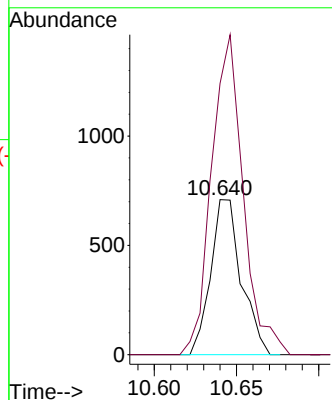
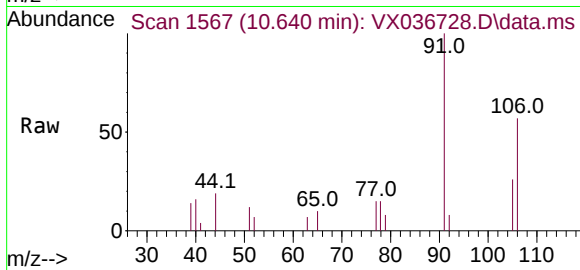




#69
o-Xylene
Concen: 0.305 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
1713DL

Tgt Ion:106 Resp: 921
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036728.D
Acq: 31 Jul 2023 18:23

Tgt Ion:152 Resp: 87452
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 156.4 0.0 345.0

