

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036730.D
 Acq On : 31 Jul 2023 19:11
 Operator : JC/MD
 Sample : 03808-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

Quant Time: Aug 01 04:41:35 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)

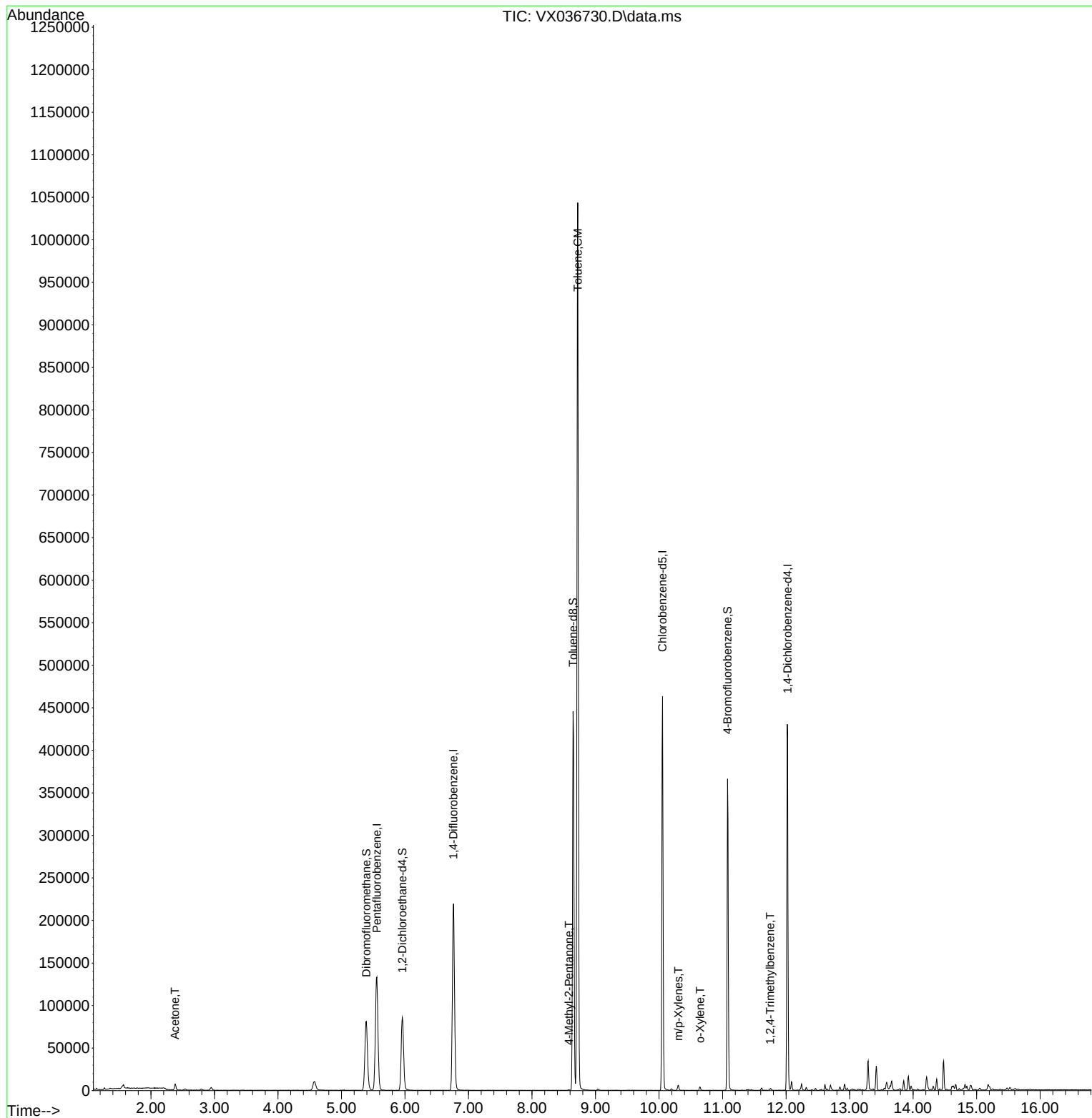
Internal Standards						
1) Pentafluorobenzene	5.556	168	123331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83602	45.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.391	113	70757	45.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	8.647	98	267177	48.752	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	98283	47.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	7222	9.537	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	556	0.224	ug/l	89
52) Toluene	8.720	92	392873	93.559	ug/l	97
68) m/p-Xylenes	10.305	106	1451	0.470	ug/l	94
69) o-Xylene	10.646	106	958	0.311	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	1351	0.221	ug/l	75

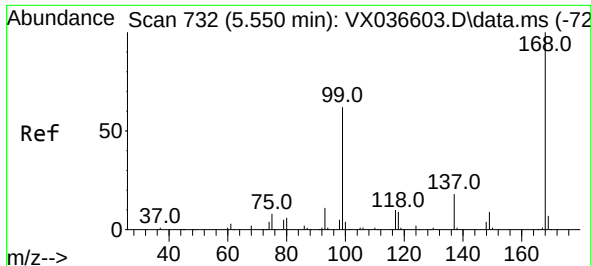
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

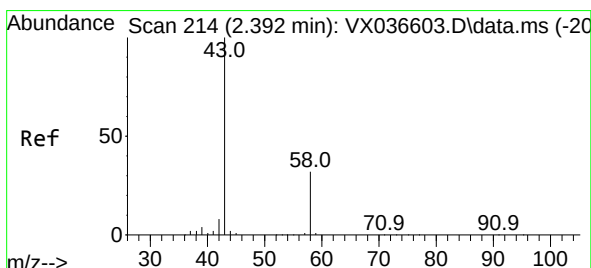
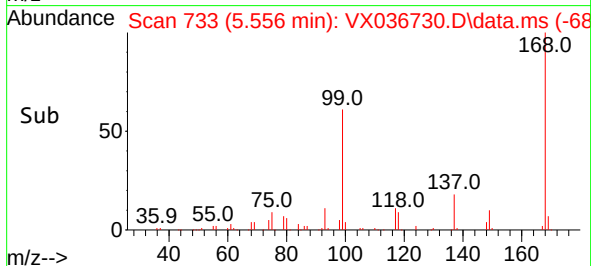
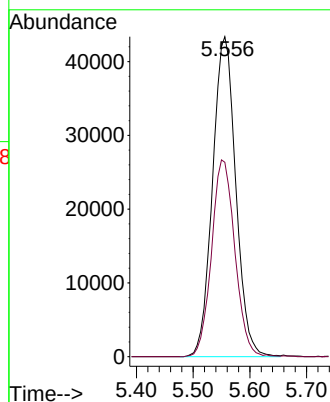
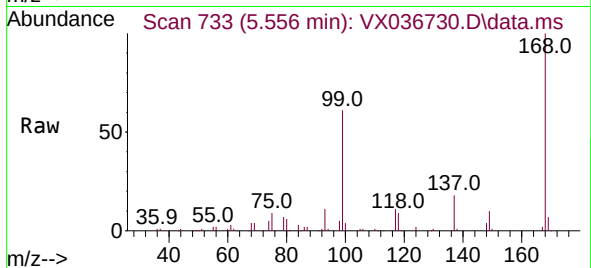




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

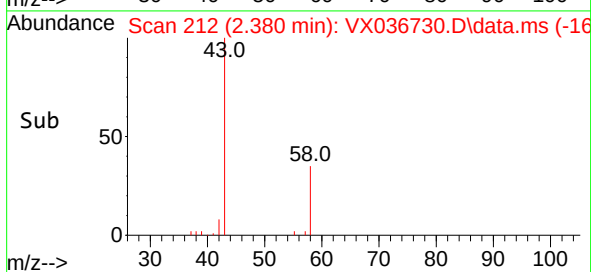
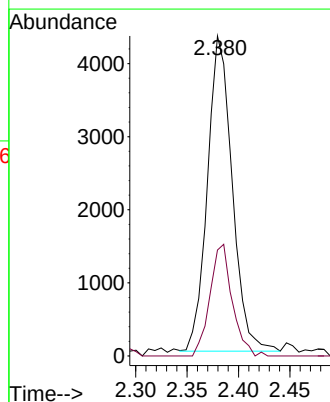
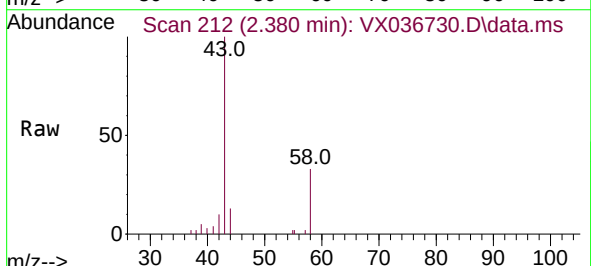
Instrument :
MSVOA_X
ClientSampleId :
1715DL

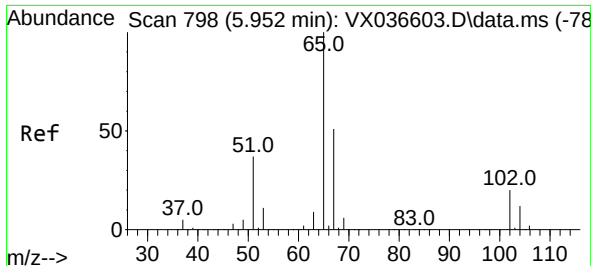
Tgt Ion:168 Resp: 123331
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#16
Acetone
Concen: 9.537 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 43 Resp: 7222
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#

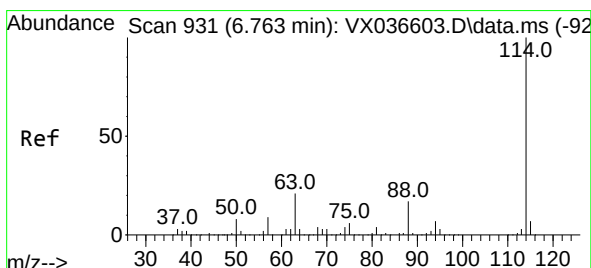
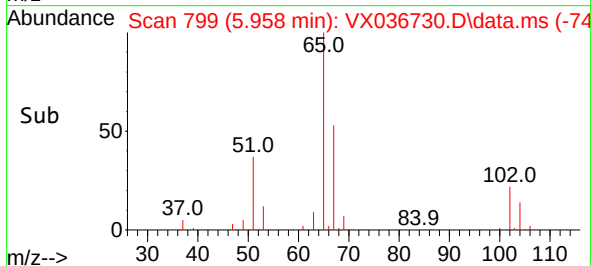
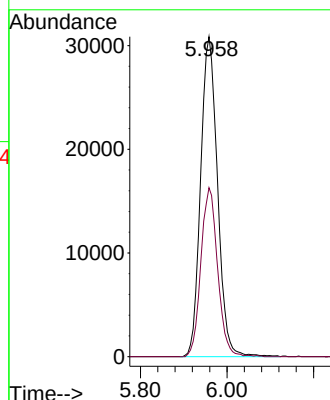
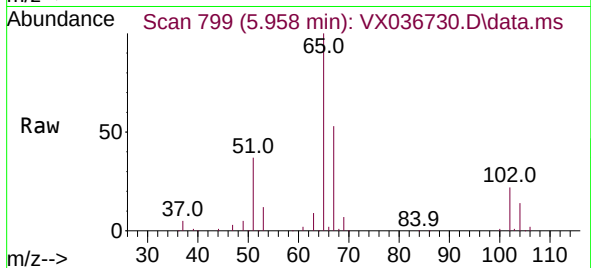




#33
 1,2-Dichloroethane-d4
 Concen: 45.813 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

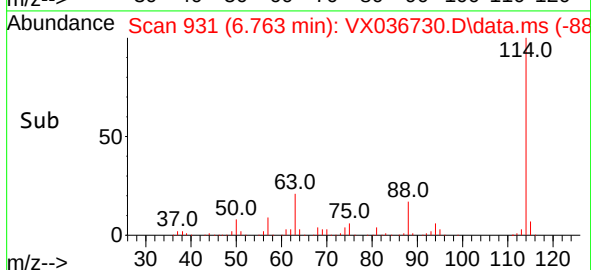
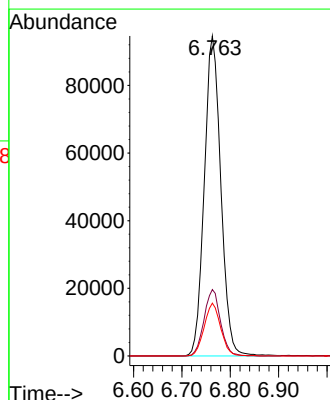
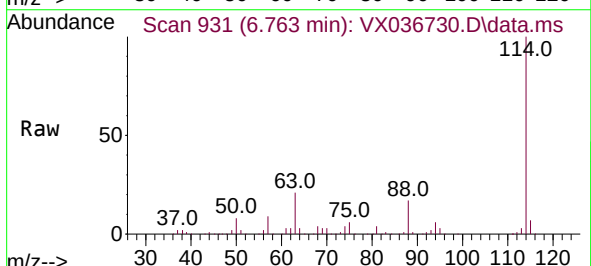
Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

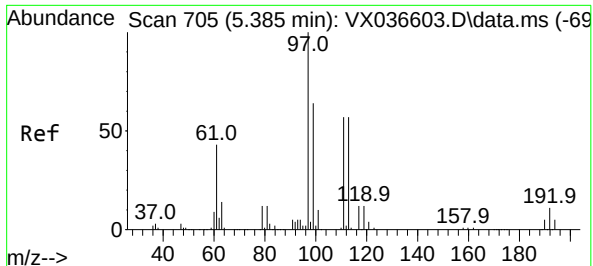
Tgt Ion: 65 Resp: 83602
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Tgt Ion: 114 Resp: 224838
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.785 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036730.D

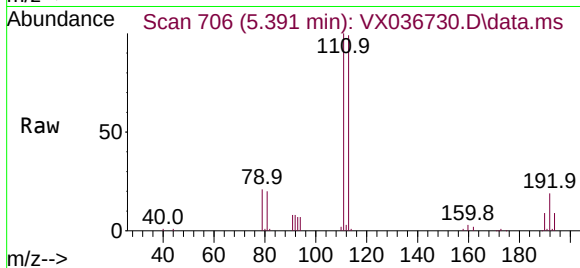
Acq: 31 Jul 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

1715DL



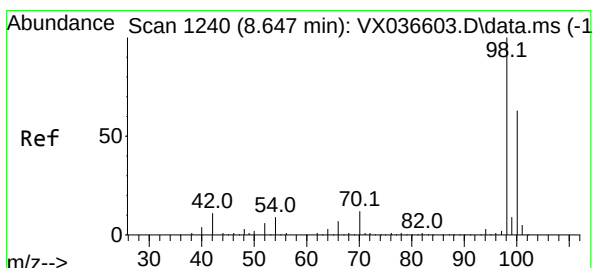
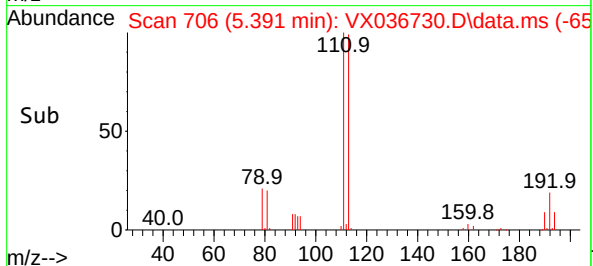
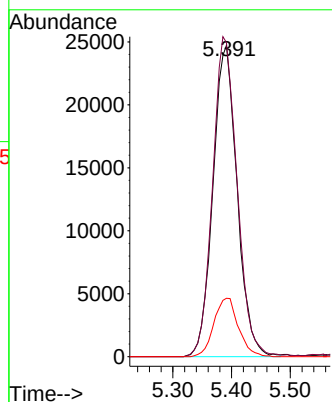
Tgt Ion:113 Resp: 70757

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 19.0 13.3 19.9



#50

Toluene-d8

Concen: 48.752 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036730.D

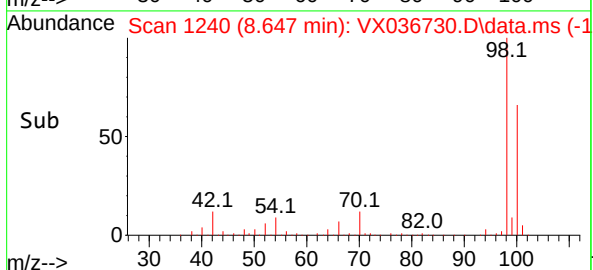
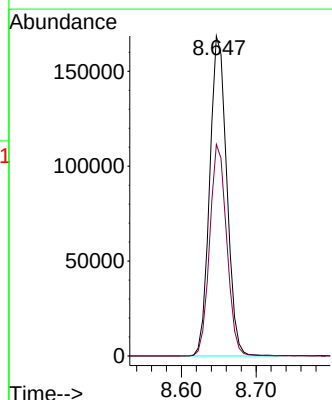
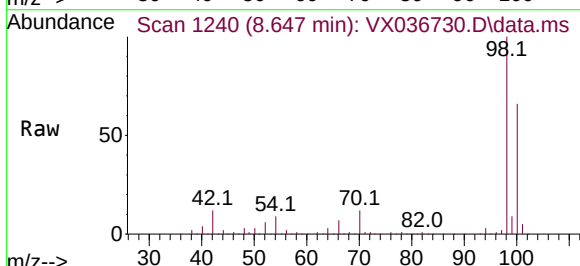
Acq: 31 Jul 2023 19:11

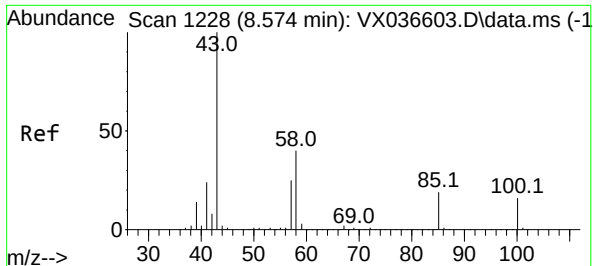
Tgt Ion: 98 Resp: 267177

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.224 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX036730.D

Acq: 31 Jul 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

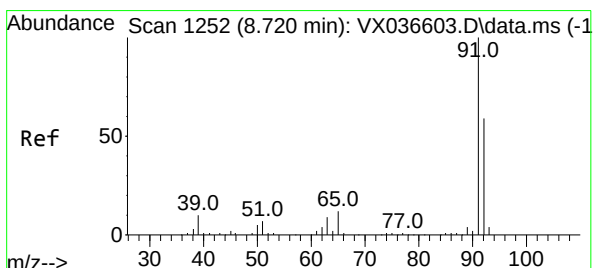
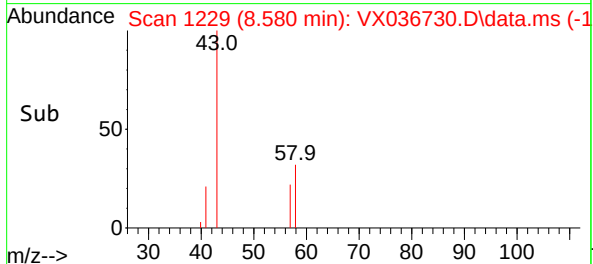
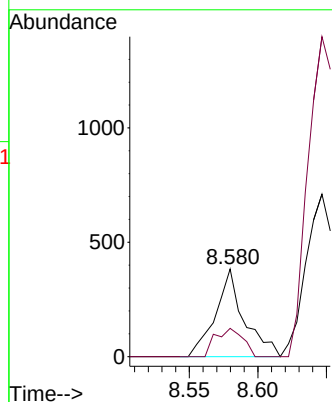
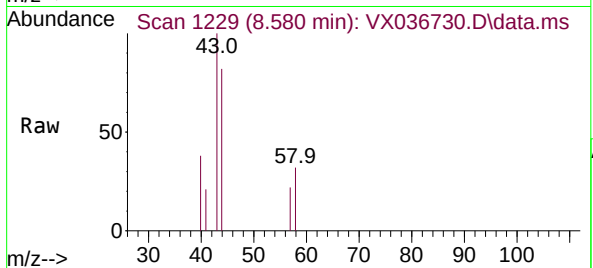
1715DL

Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

58 31.1 30.4 45.6



#52

Toluene

Concen: 93.559 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036730.D

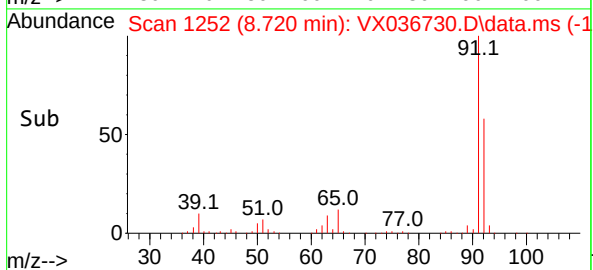
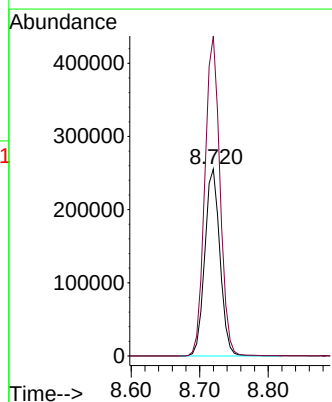
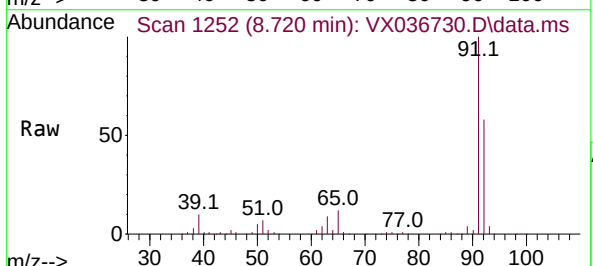
Acq: 31 Jul 2023 19:11

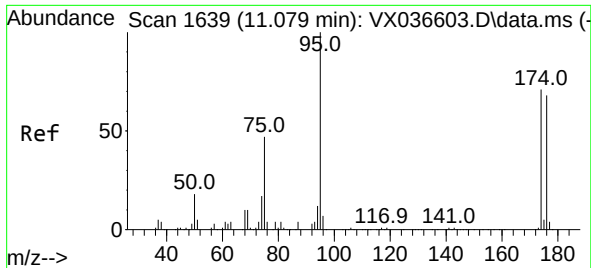
Tgt Ion: 92 Resp: 392873

Ion Ratio Lower Upper

92 100

91 171.2 134.2 201.2

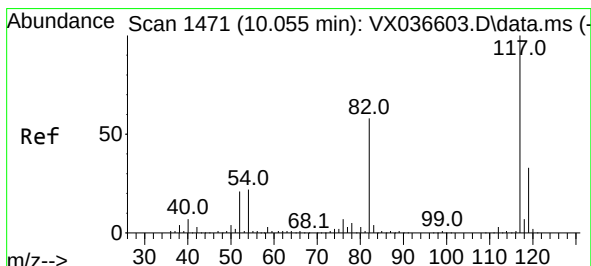
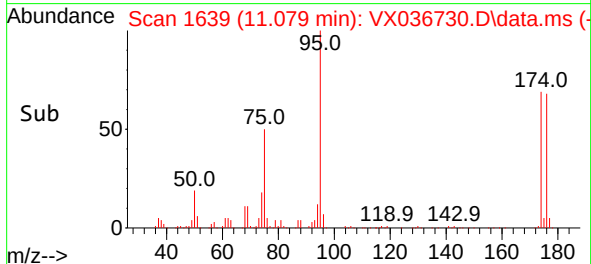
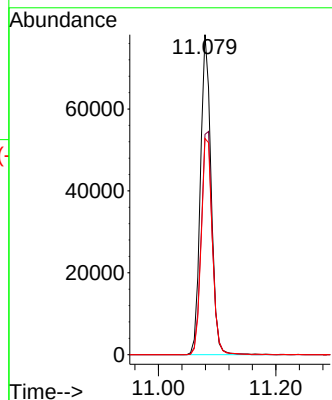
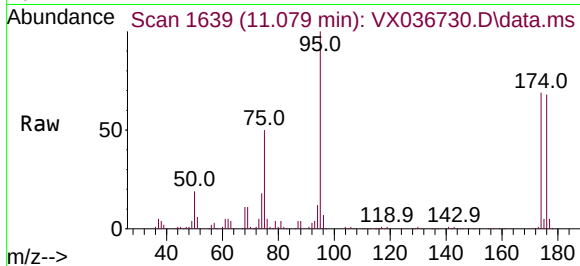




#62
4-Bromofluorobenzene
Concen: 47.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

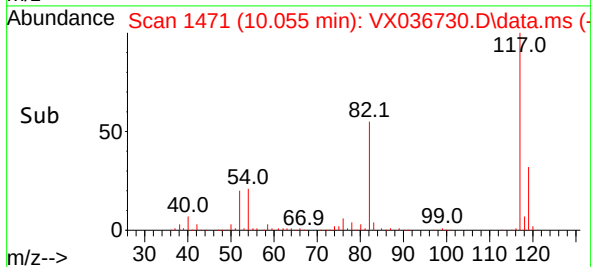
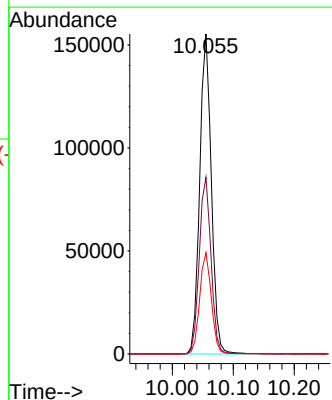
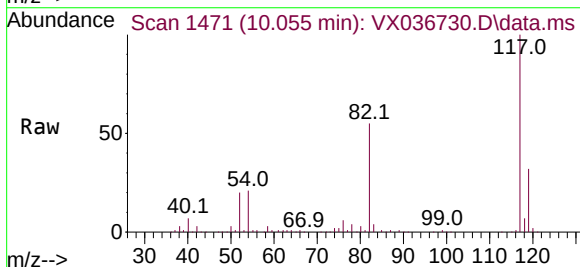
Instrument :
MSVOA_X
ClientSampleId :
1715DL

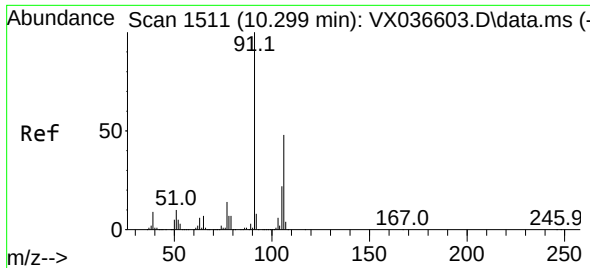
Tgt Ion: 95 Resp: 98283
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion: 117 Resp: 205367
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.6 25.5 38.3

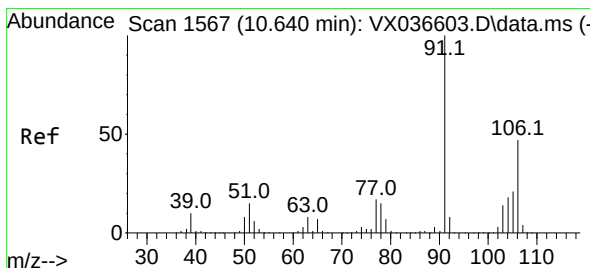
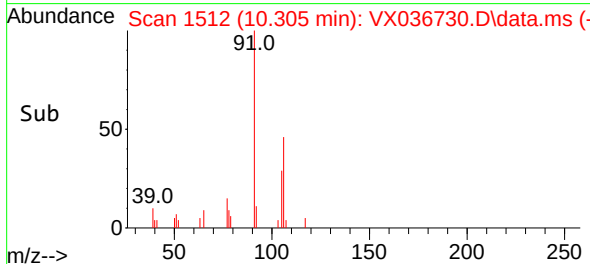
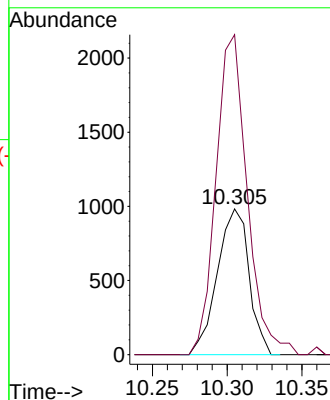
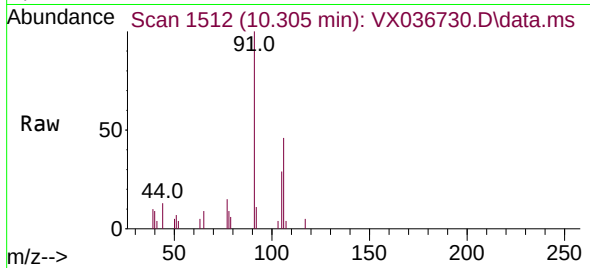




#68
m/p-Xylenes
Concen: 0.470 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

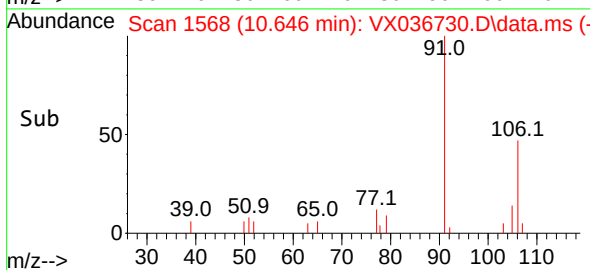
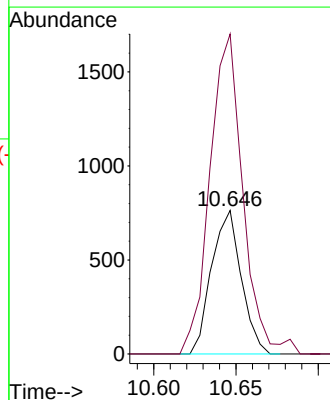
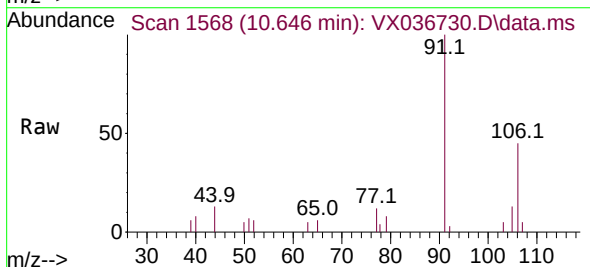
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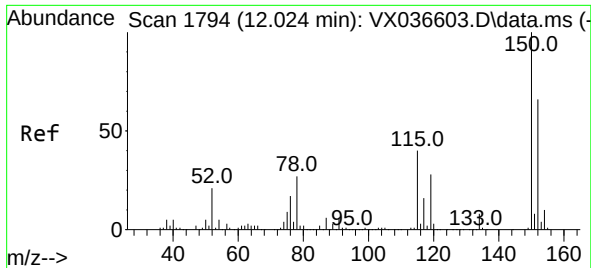
Tgt Ion:106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 215.9 165.5 248.3



#69
o-Xylene
Concen: 0.311 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036730.D
Acq: 31 Jul 2023 19:11

Tgt Ion:106 Resp: 958
Ion Ratio Lower Upper
106 100
91 247.7 108.9 326.8

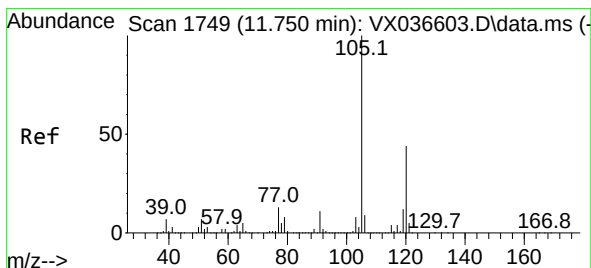
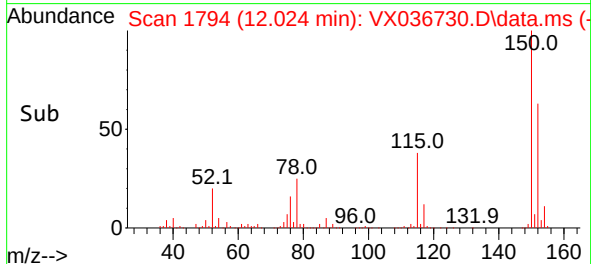
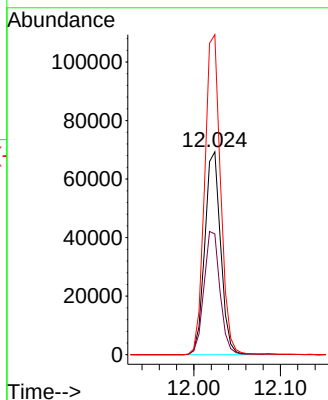
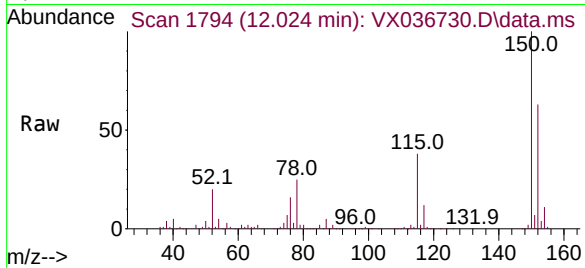




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

Tgt Ion:152 Resp: 88317
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.3 129.9
 150 158.3 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.221 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036730.D
 Acq: 31 Jul 2023 19:11

Tgt Ion:105 Resp: 1351
 Ion Ratio Lower Upper
 105 100
 120 26.3 21.2 63.6

