

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036729.D
 Acq On : 31 Jul 2023 18:47
 Operator : JC/MD
 Sample : 03808-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714DL

Quant Time: Aug 01 04:41:14 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)

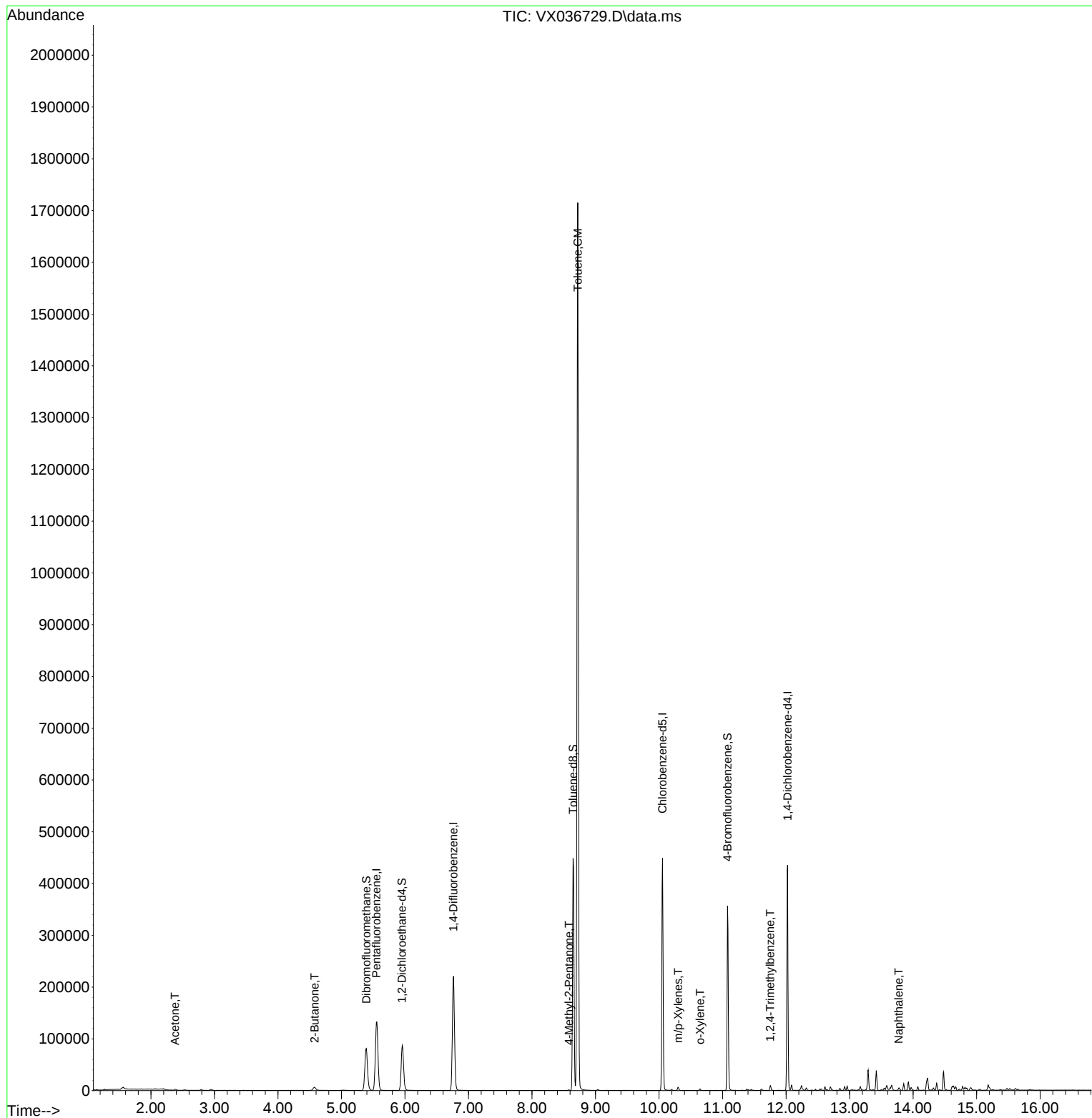
Internal Standards						
1) Pentafluorobenzene	5.550	168	125013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84289	45.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.391	113	72379	47.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	266492	48.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	96999	47.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2328	3.033	ug/l	97
25) 2-Butanone	4.574	43	3209	2.577	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	724	0.293	ug/l	90
52) Toluene	8.720	92	642829	153.659	ug/l	98
68) m/p-Xylenes	10.299	106	1454	0.478	ug/l	97
69) o-Xylene	10.646	106	743	0.245	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	4544	0.745	ug/l	92
95) Naphthalene	13.774	128	3227	0.506	ug/l	100

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

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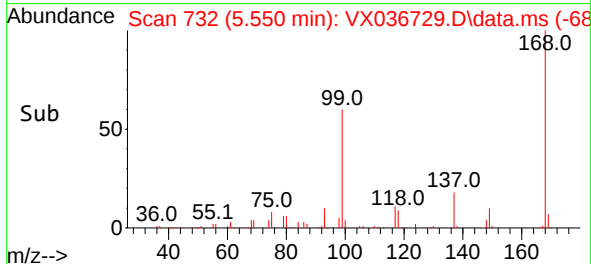
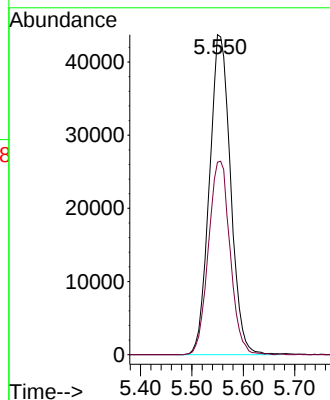
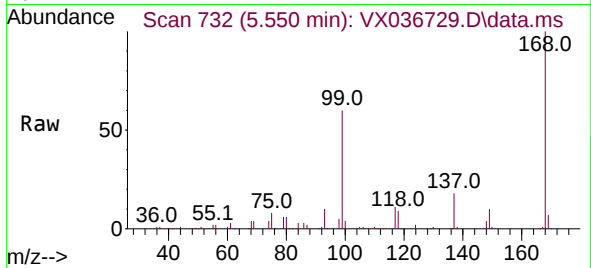




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

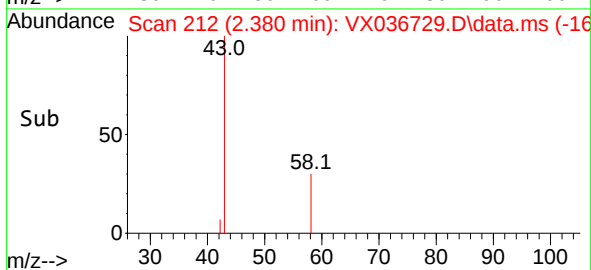
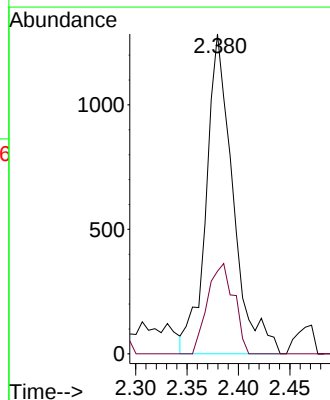
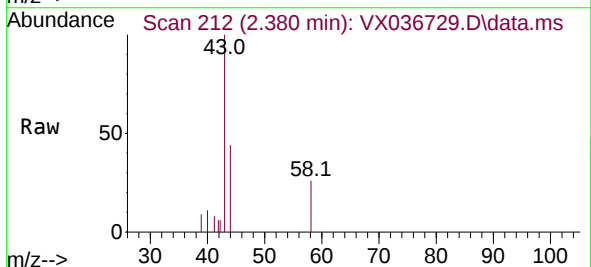
Instrument :
MSVOA_X
ClientSampleId :
1714DL

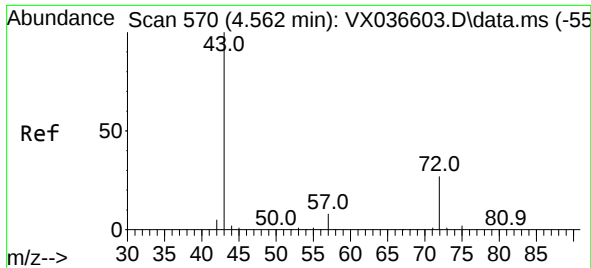
Tgt Ion:168 Resp: 125013
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 3.033 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9

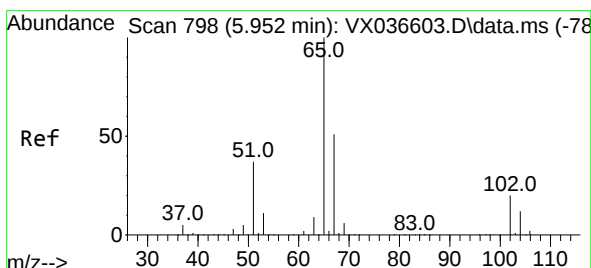
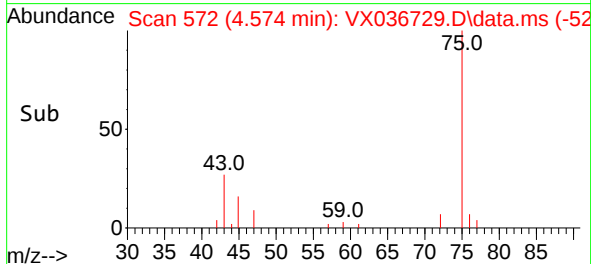
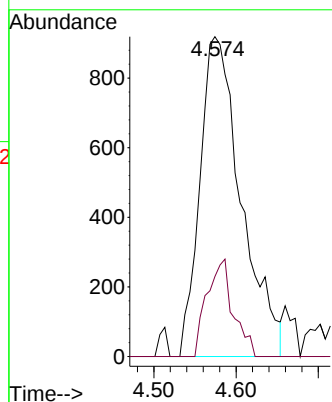
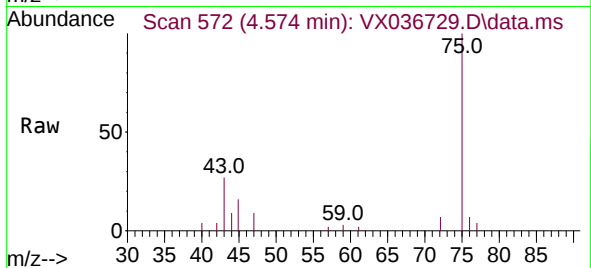




#25
2-Butanone
Concen: 2.577 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

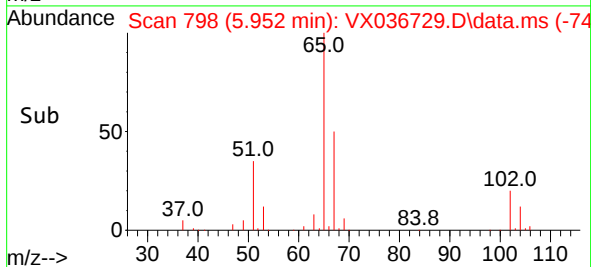
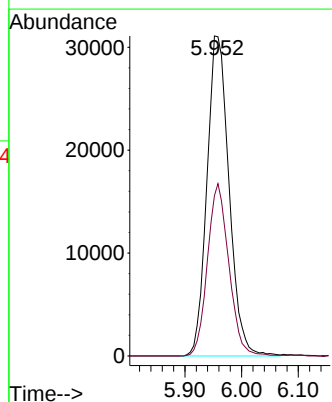
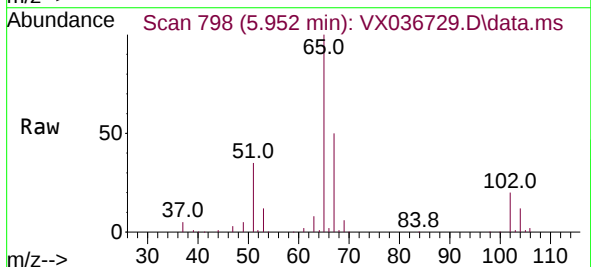
Instrument :
MSVOA_X
ClientSampleId :
1714DL

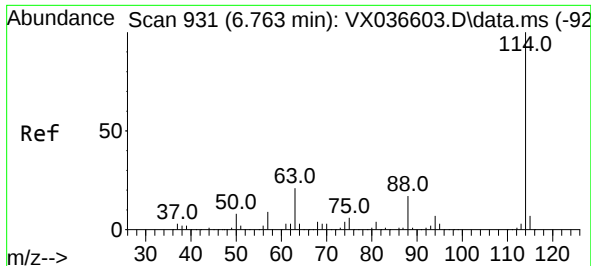
Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 65 Resp: 84289
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

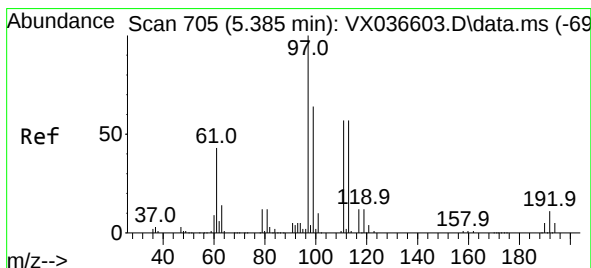
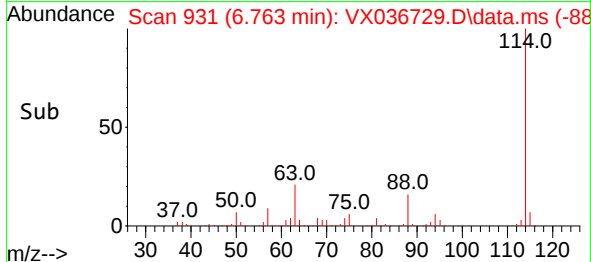
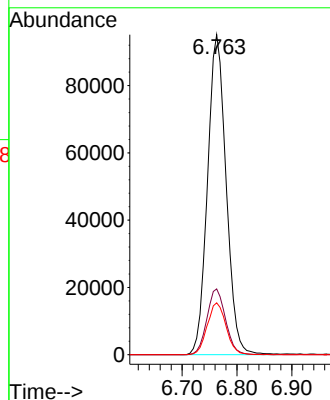
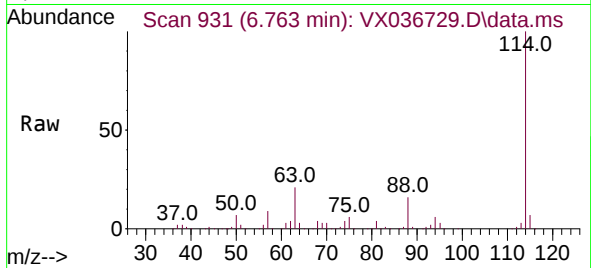




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

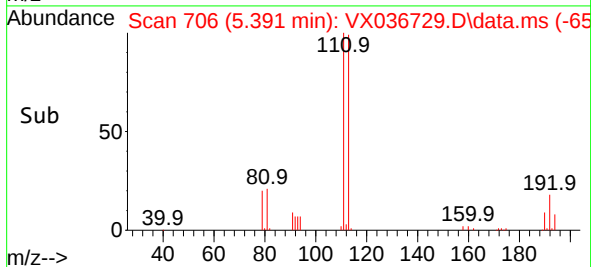
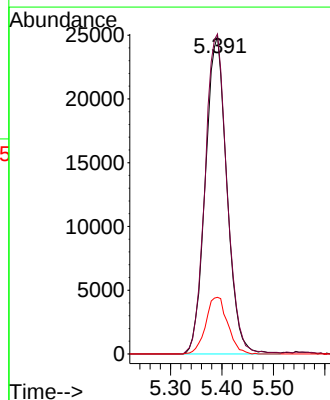
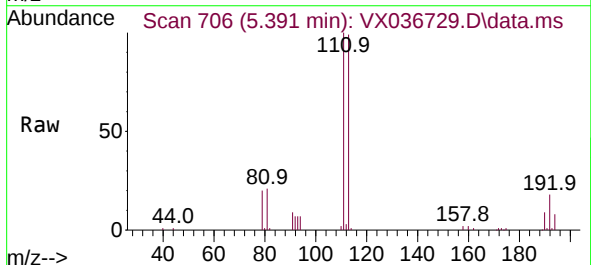
Instrument :
MSVOA_X
ClientSampleId :
1714DL

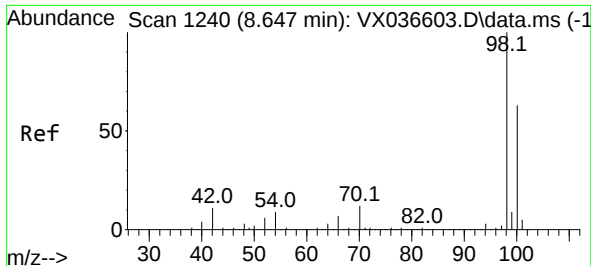
Tgt Ion:114 Resp: 223996
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion:113 Resp: 72379
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.1 13.3 19.9





#50

Toluene-d8

Concen: 48.809 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

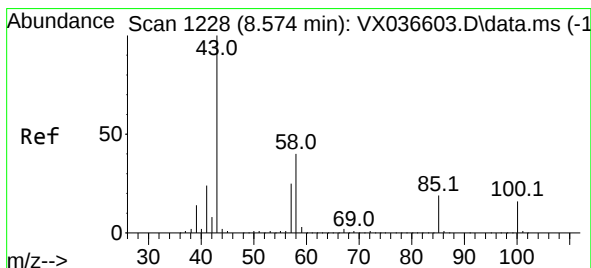
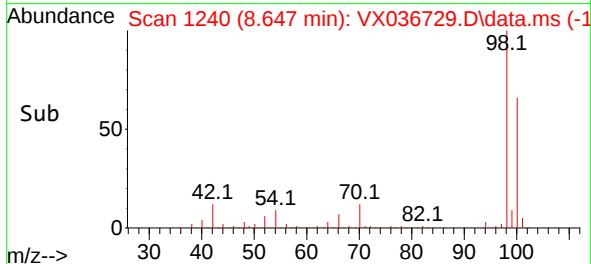
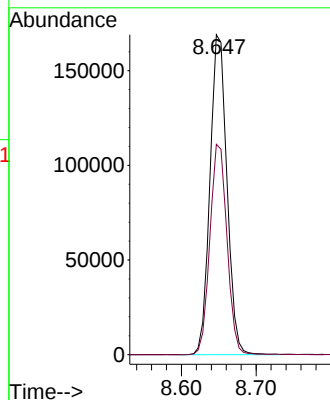
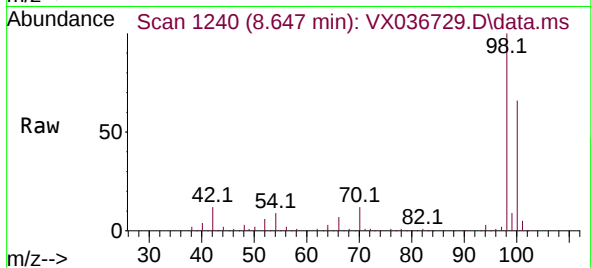
1714DL

Tgt Ion: 98 Resp: 266492

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.293 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036729.D

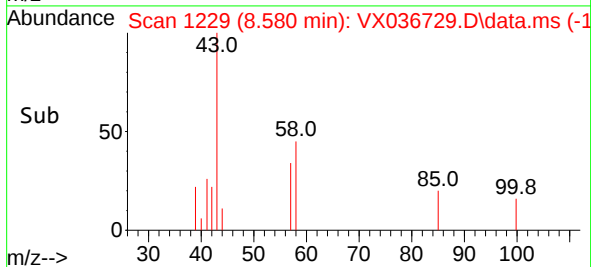
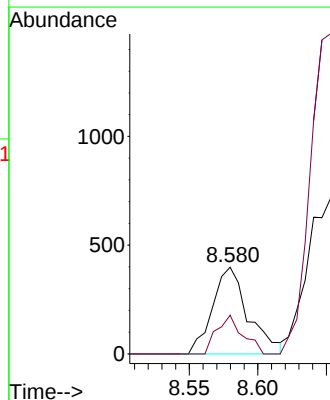
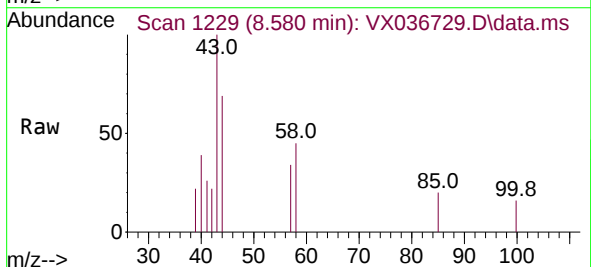
Acq: 31 Jul 2023 18:47

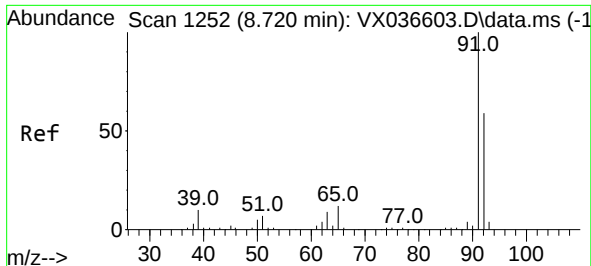
Tgt Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 32.2 30.4 45.6

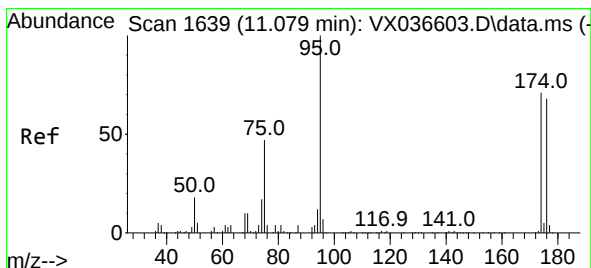
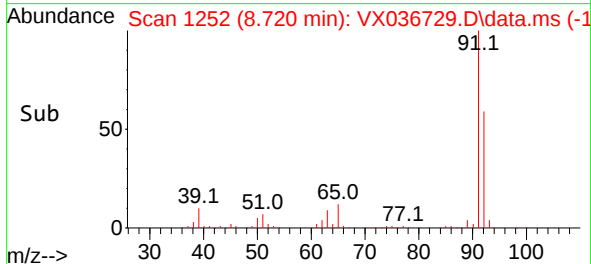
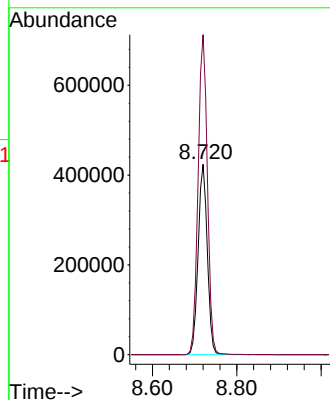
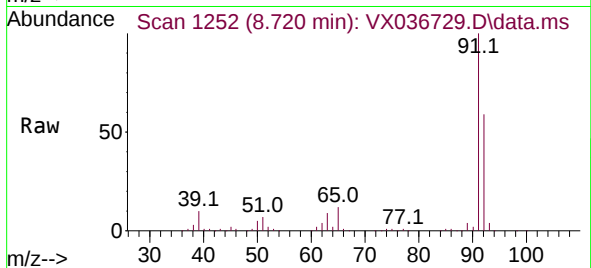




#52
Toluene
Concen: 153.659 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

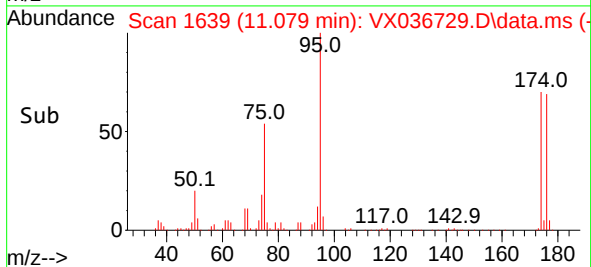
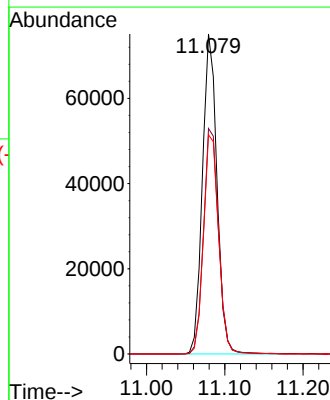
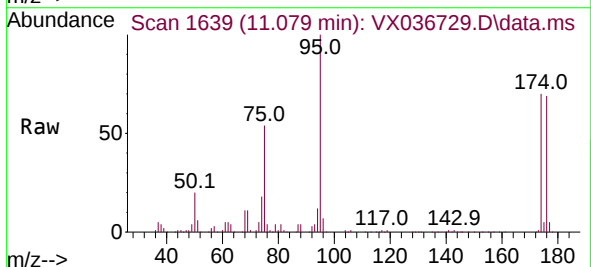
Instrument :
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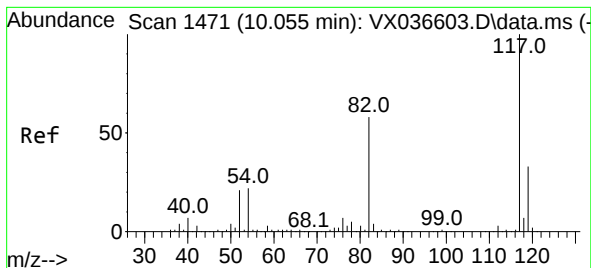
Tgt Ion: 92 Resp: 642829
Ion Ratio Lower Upper
92 100
91 170.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion: 95 Resp: 96999
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 71.0 0.0 131.0

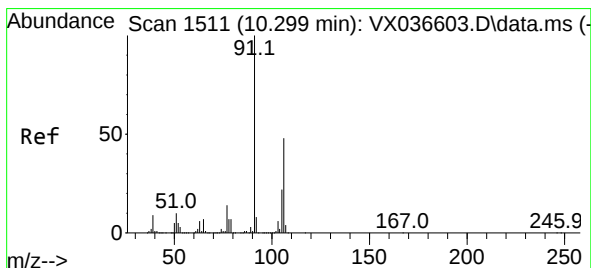
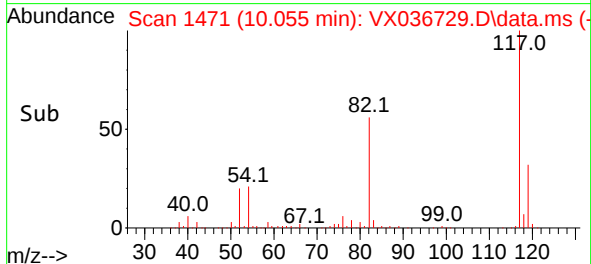
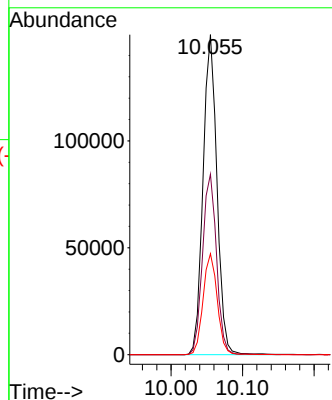
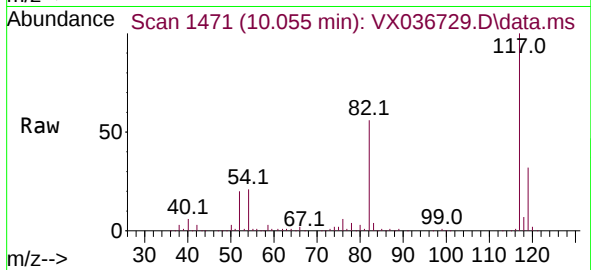




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

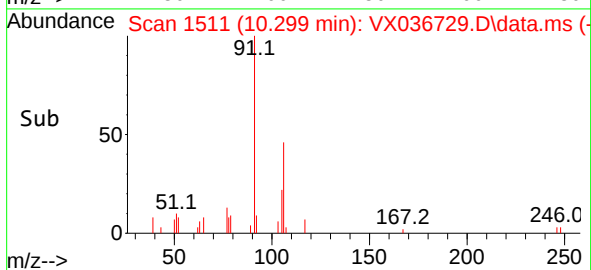
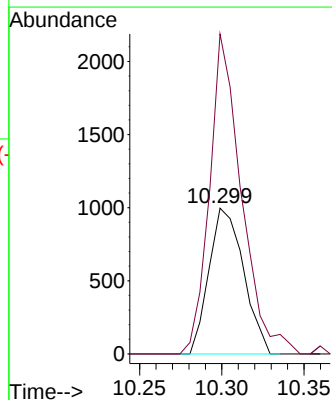
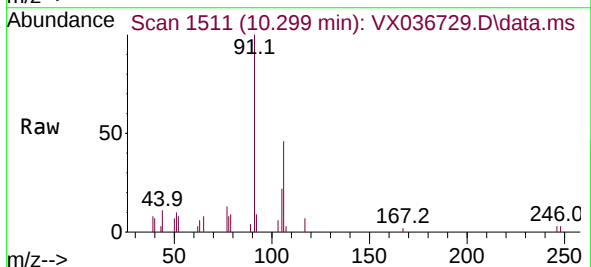
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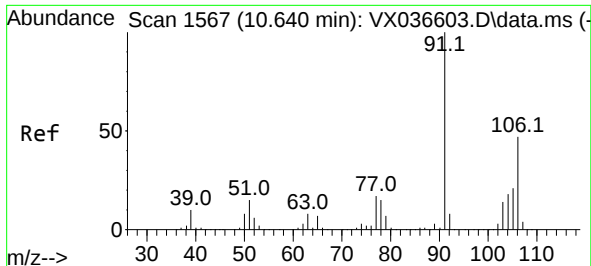
Tgt Ion:117 Resp: 202409
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion:106 Resp: 1454
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3

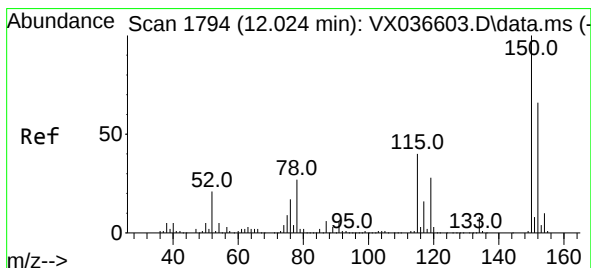
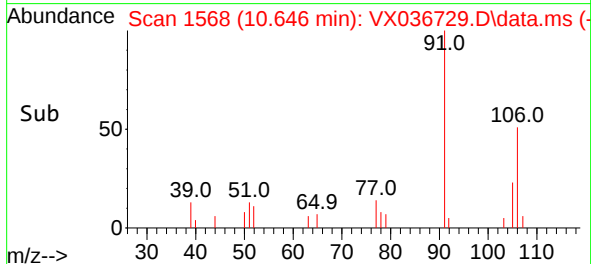
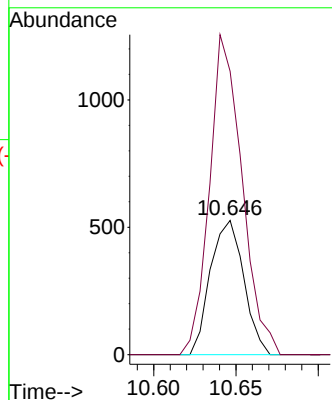
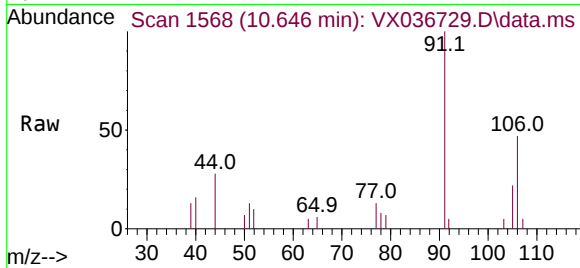




#69
o-Xylene
Concen: 0.245 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

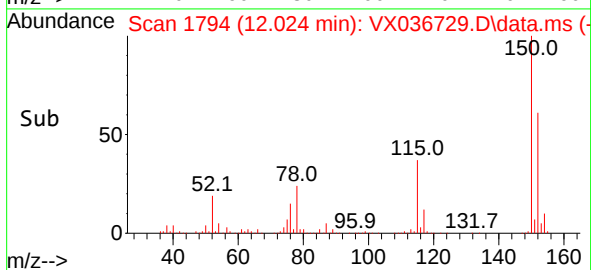
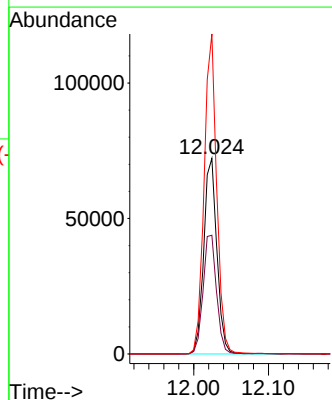
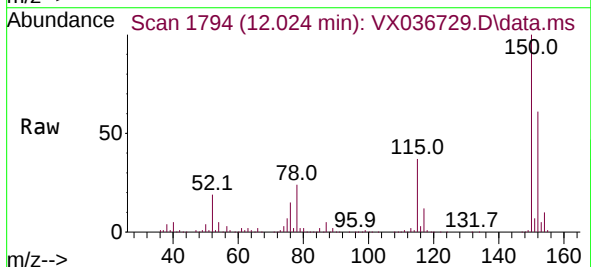
Instrument :
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1714DL

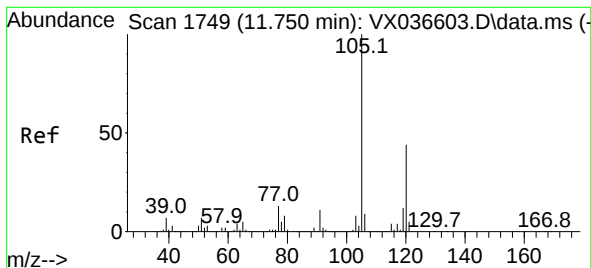
Tgt Ion:106 Resp: 743
Ion Ratio Lower Upper
106 100
91 232.4 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036729.D
Acq: 31 Jul 2023 18:47

Tgt Ion:152 Resp: 88144
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.6 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.745 ug/l

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

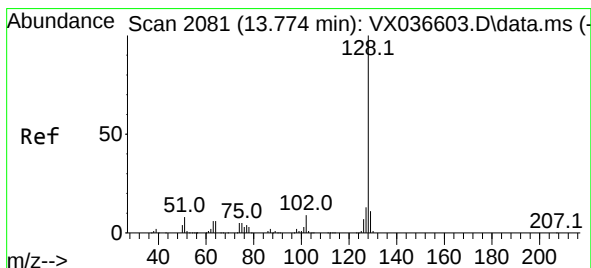
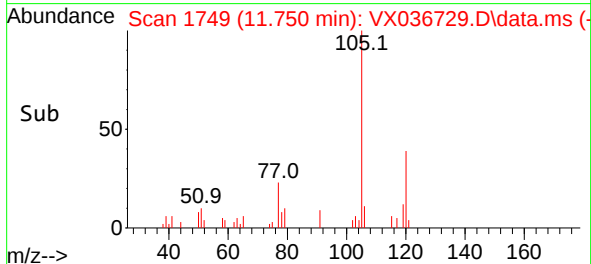
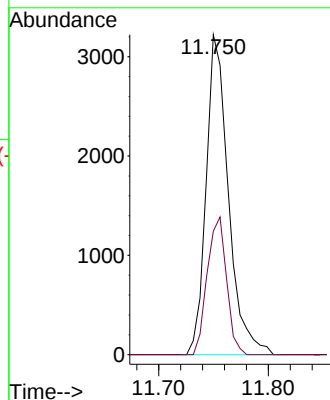
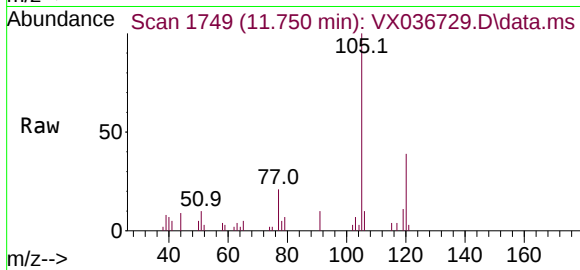
1714DL

Tgt Ion:105 Resp: 4544

Ion Ratio Lower Upper

105 100

120 37.2 21.2 63.6



#95

Naphthalene

Concen: 0.506 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036729.D

Acq: 31 Jul 2023 18:47

Tgt Ion:128 Resp: 3227

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.8 13.2

