

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036713.D
 Acq On : 31 Jul 2023 12:23
 Operator : JC/MD
 Sample : 03806-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1694

Quant Time: Aug 01 04:35:00 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)

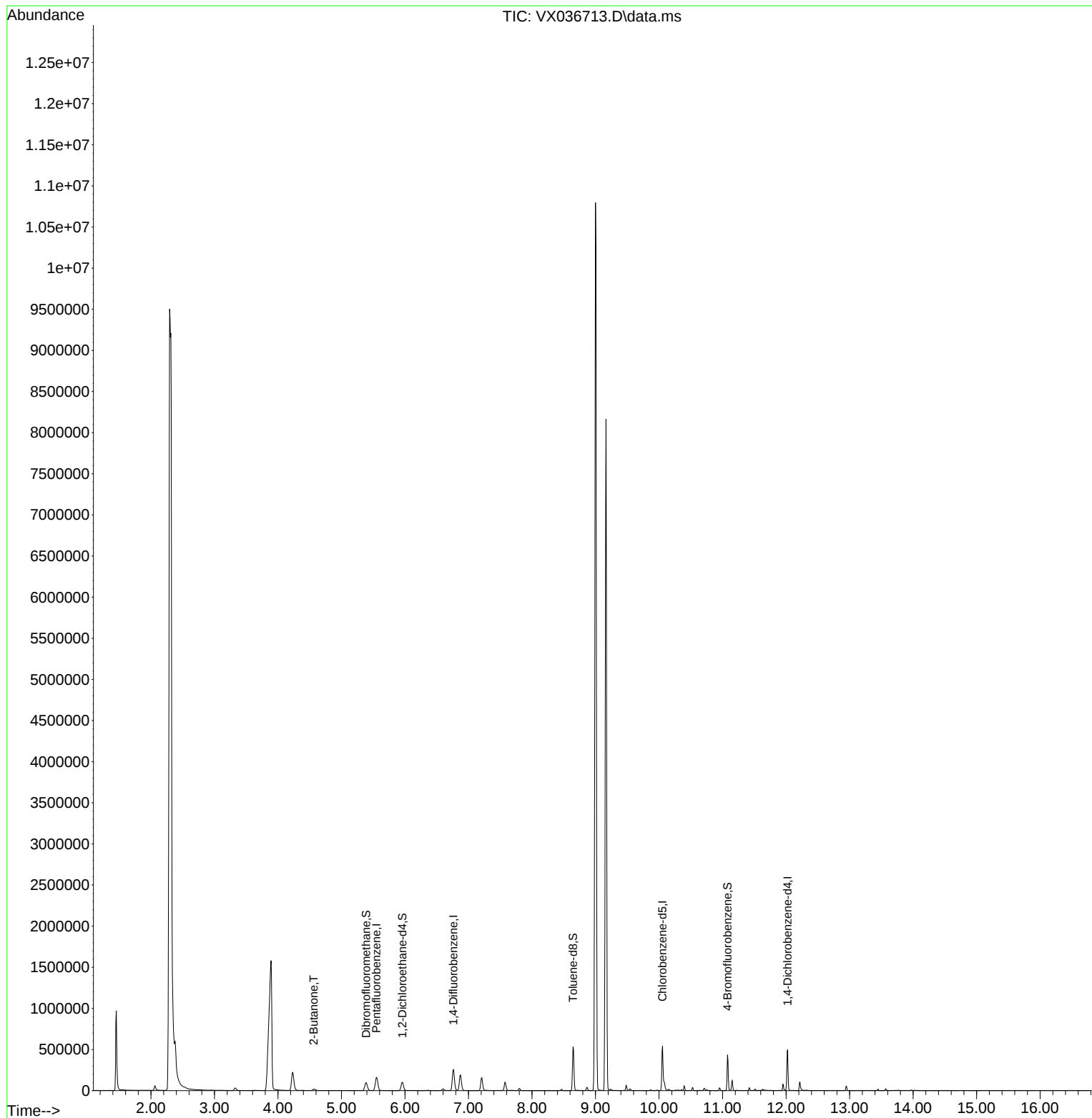
Internal Standards						
1) Pentafluorobenzene	5.550	168	151108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99701	44.592	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.180%		
35) Dibromofluoromethane	5.385	113	84416	46.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.900%		
50) Toluene-d8	8.647	98	314828	48.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	114595	47.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.260%		
Target Compounds						
25) 2-Butanone	4.562	43	11288	7.499	ug/l	Qvalue 94

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

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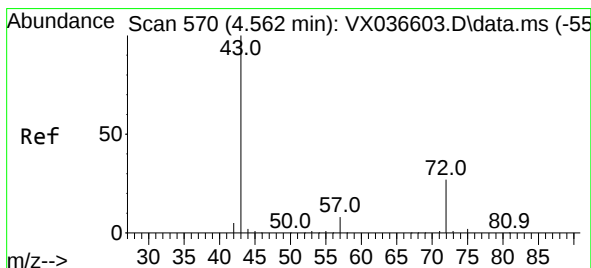
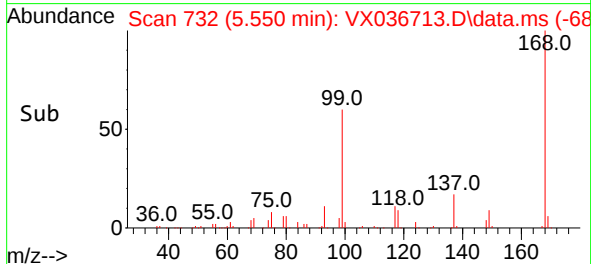
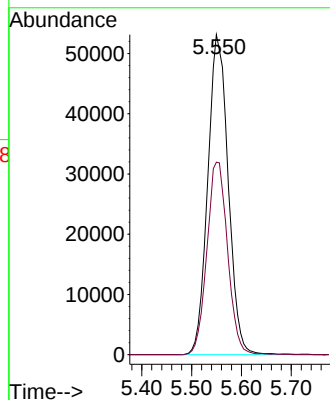
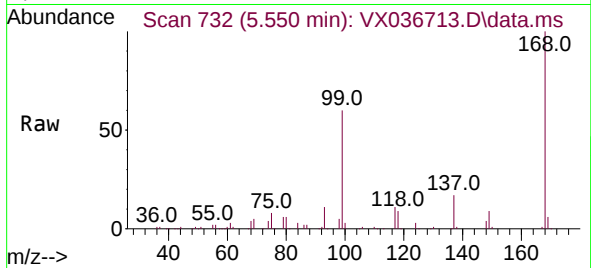




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036713.D
Acq: 31 Jul 2023 12:23

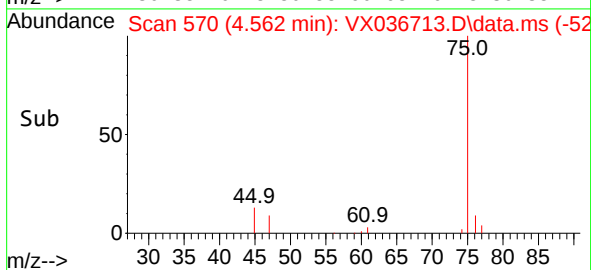
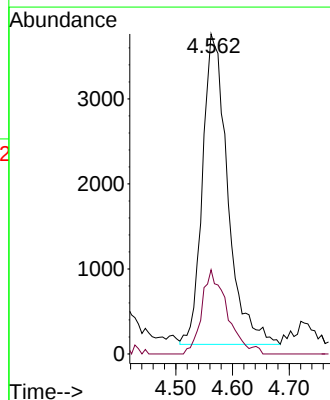
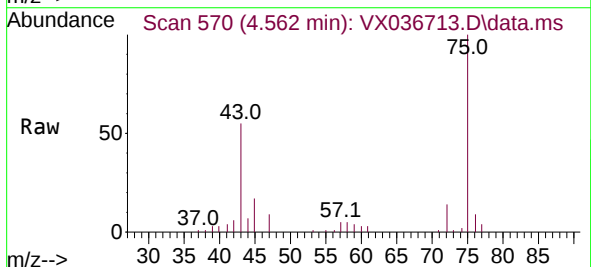
Instrument :
MSVOA_X
ClientSampleId :
ORA-1694

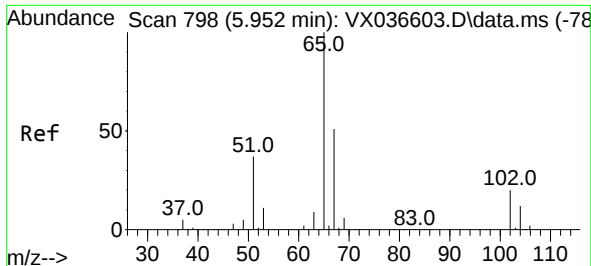
Tgt Ion:168 Resp: 151108
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#25
2-Butanone
Concen: 7.499 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX036713.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 43 Resp: 11288
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 44.592 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036713.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

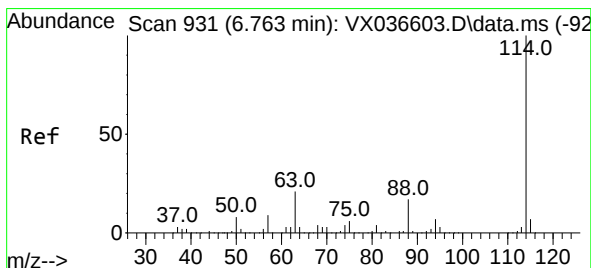
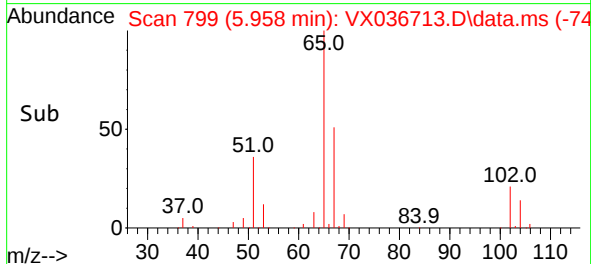
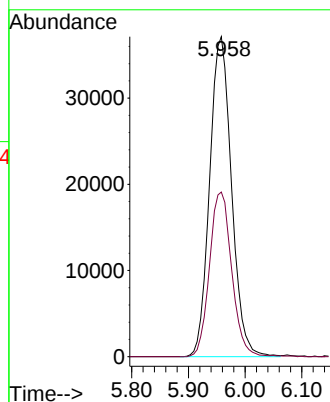
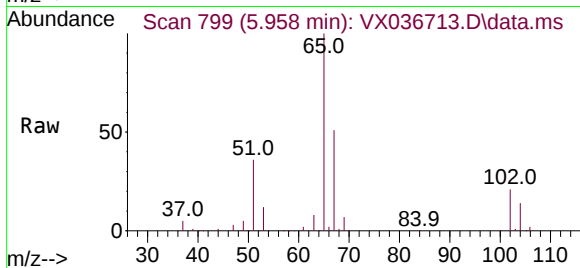
ORA-1694

Tgt Ion: 65 Resp: 99701

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: VX036713.D

Acq: 31 Jul 2023 12:23

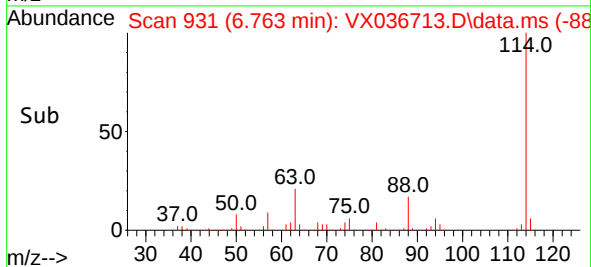
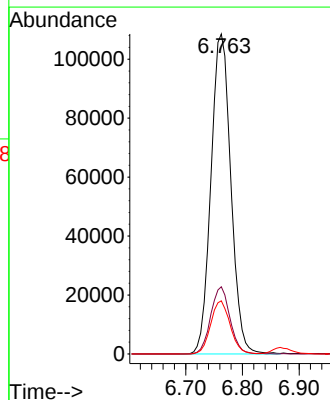
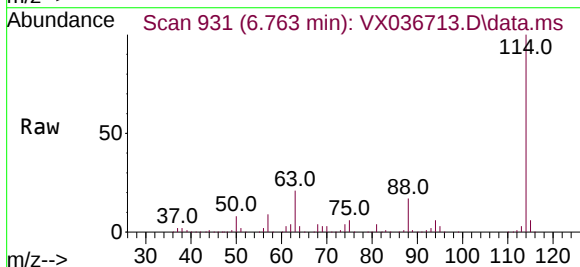
Tgt Ion: 114 Resp: 264383

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.453 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036713.D

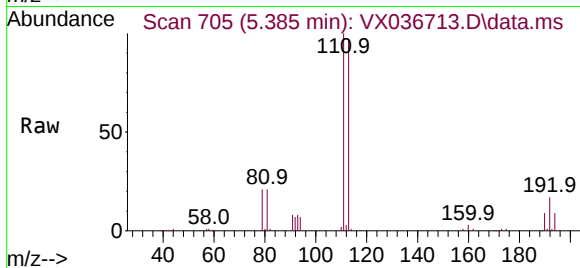
Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

ORA-1694



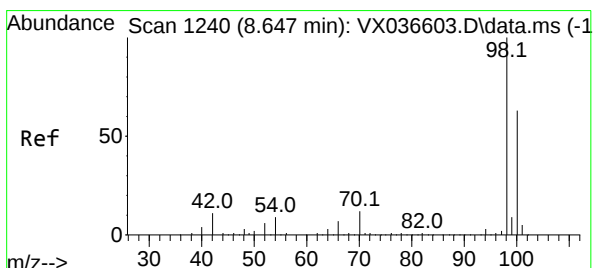
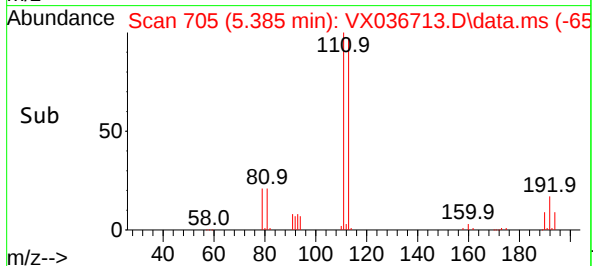
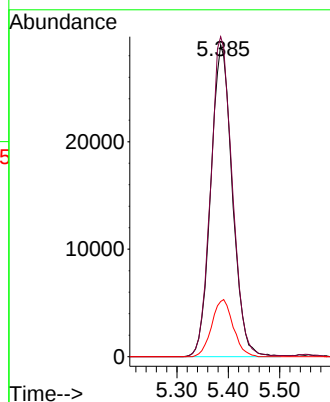
Tgt Ion:113 Resp: 84416

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.2 13.3 19.9



#50

Toluene-d8

Concen: 48.854 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036713.D

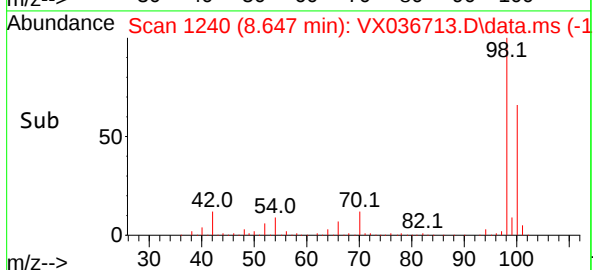
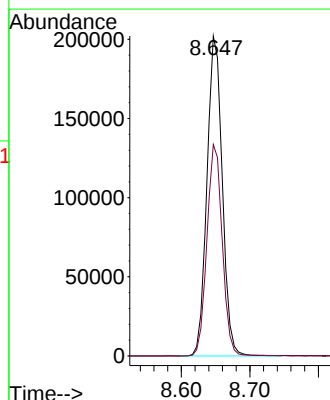
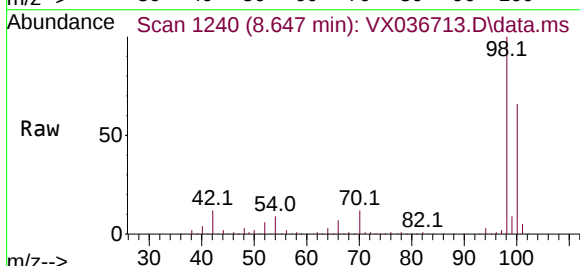
Acq: 31 Jul 2023 12:23

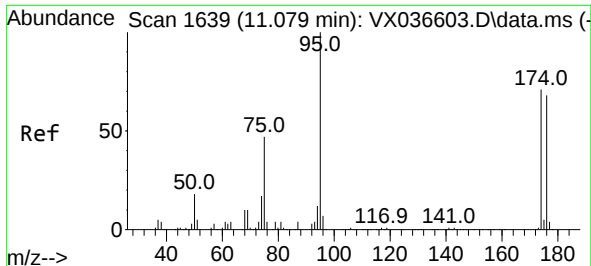
Tgt Ion: 98 Resp: 314828

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

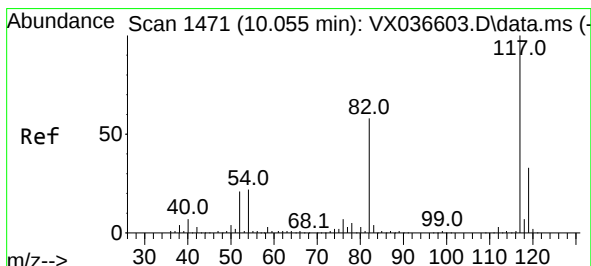
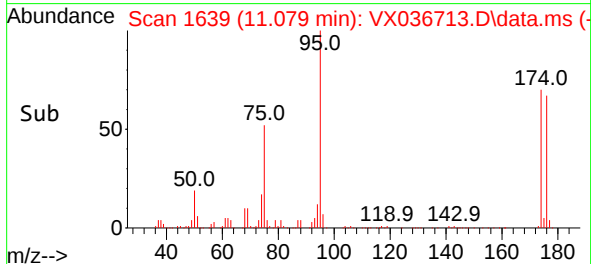
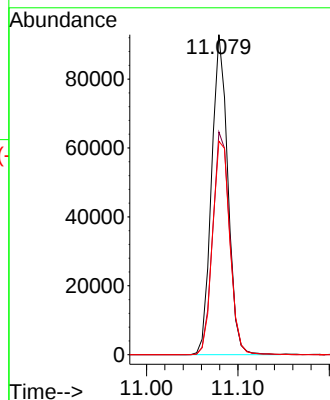
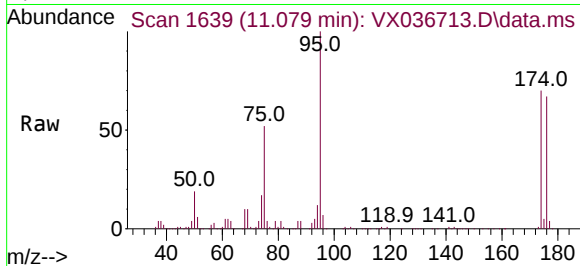




#62
4-Bromofluorobenzene
Concen: 47.133 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036713.D
Acq: 31 Jul 2023 12:23

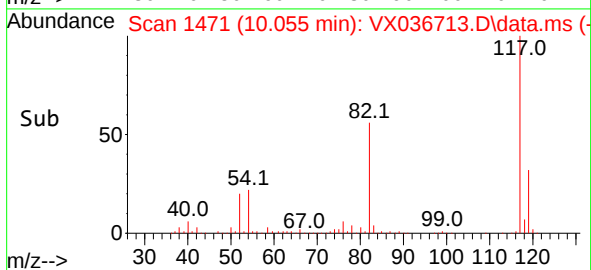
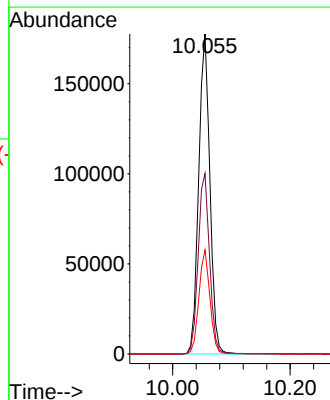
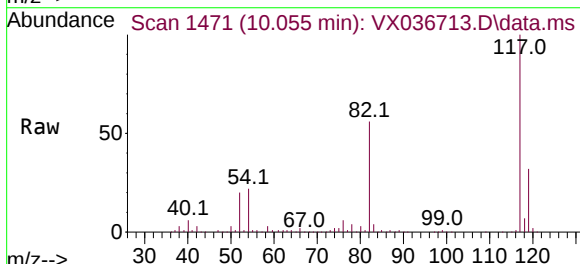
Instrument :
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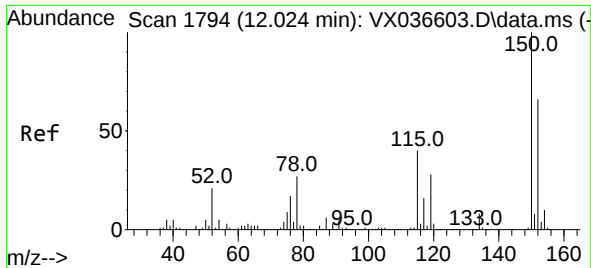
Tgt Ion: 95 Resp: 114595
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036713.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 117 Resp: 234996
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036713.D

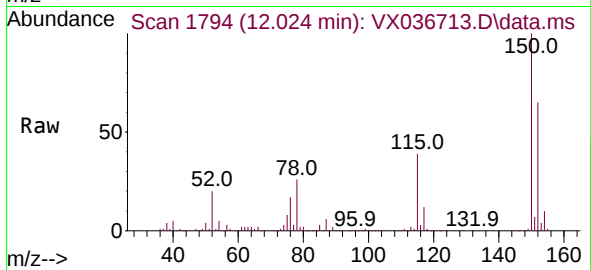
Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 102560

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 157.5 0.0 345.0

