

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036794.D
 Acq On : 03 Aug 2023 12:55
 Operator : JC/MD
 Sample : 03882-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1763

Quant Time: Aug 04 07:32:05 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)

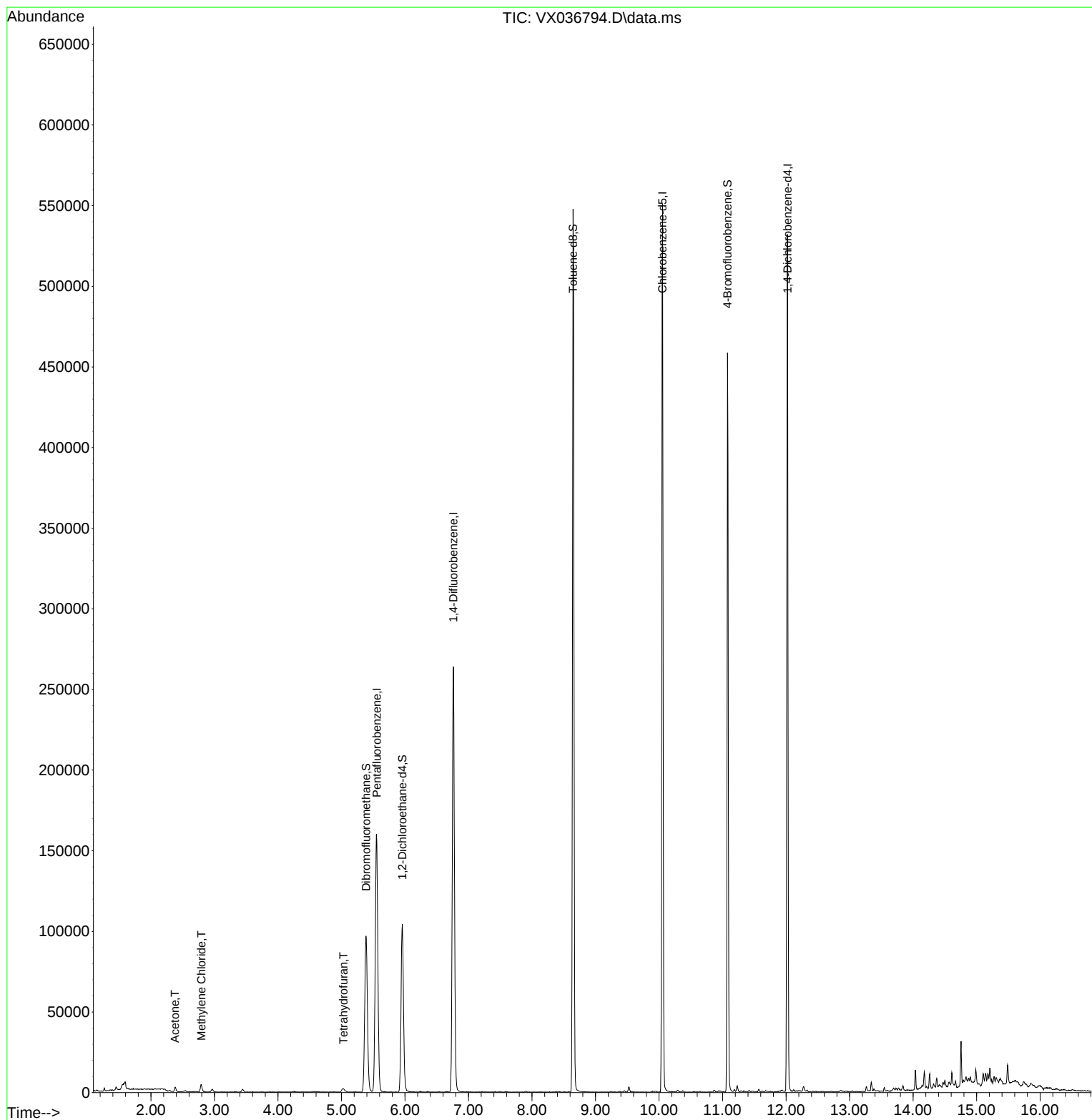
Internal Standards						
1) Pentafluorobenzene	5.556	168	148858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101063	45.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.760%
35) Dibromofluoromethane	5.385	113	86339	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	322697	48.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	121396	48.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3317	3.629	ug/l #	88
20) Methylene Chloride	2.794	84	2397	1.179	ug/l #	79
29) Tetrahydrofuran	5.032	42	2007	2.099	ug/l #	91

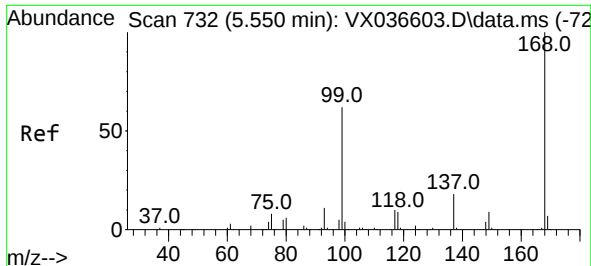
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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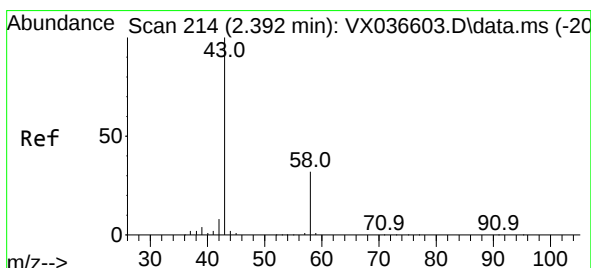
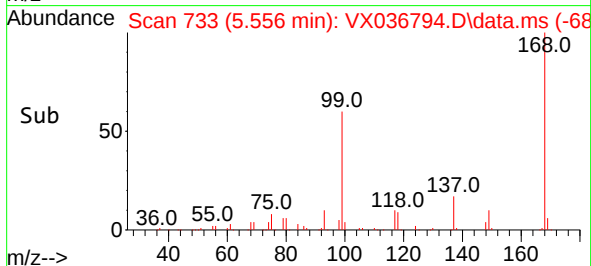
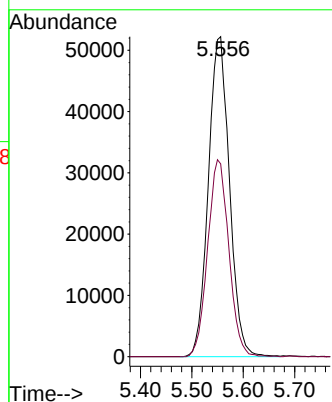
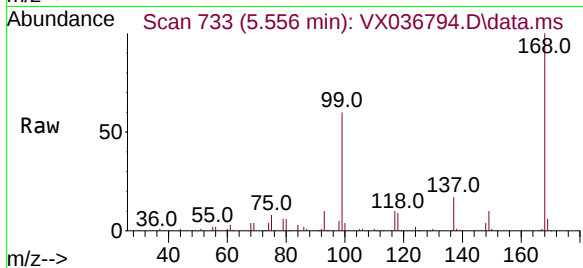




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

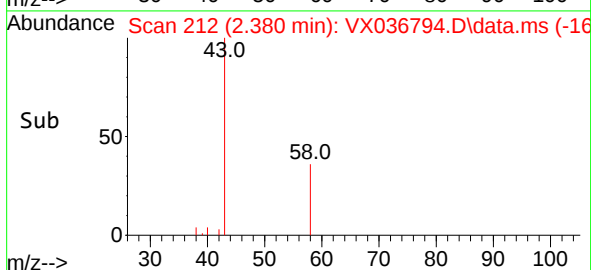
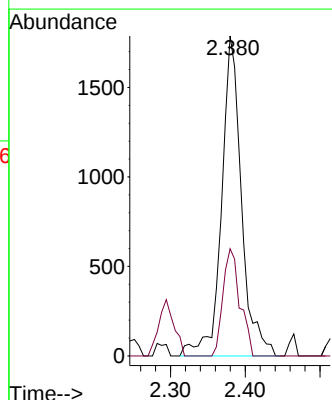
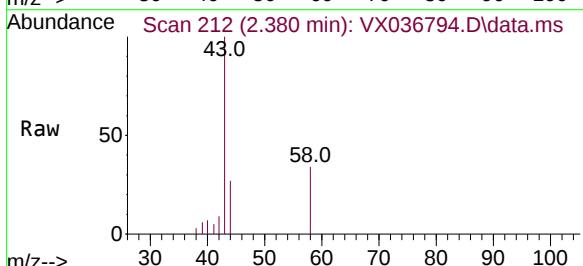
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

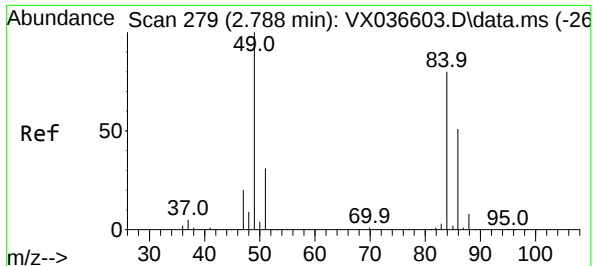
Tgt Ion:168 Resp: 148858
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#16
Acetone
Concen: 3.629 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

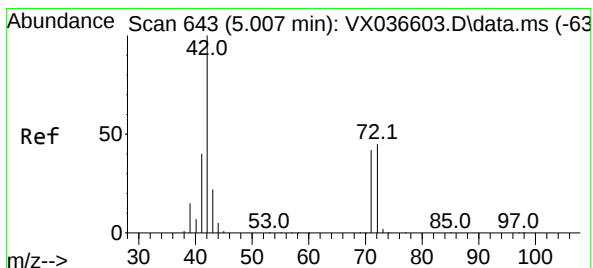
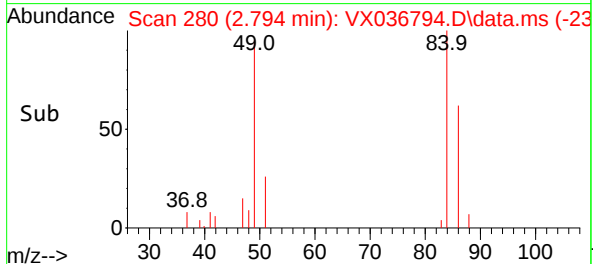
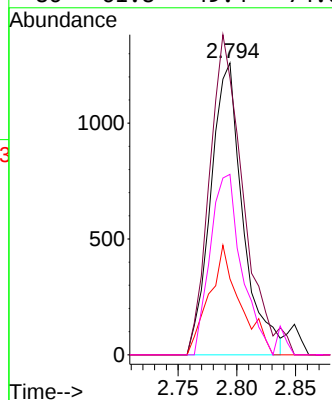
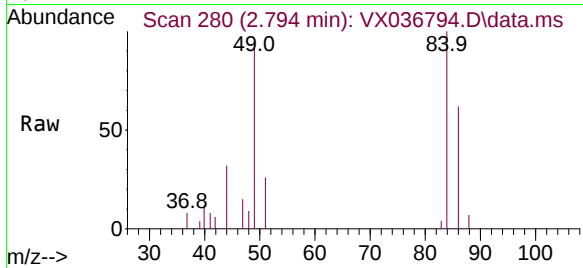




#20
Methylene Chloride
Concen: 1.179 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

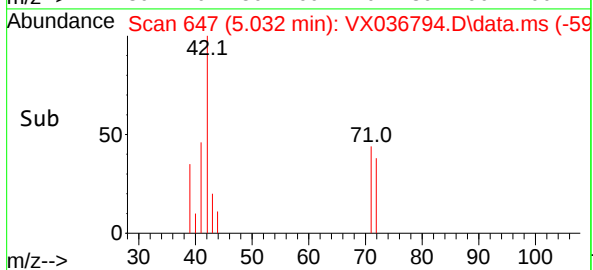
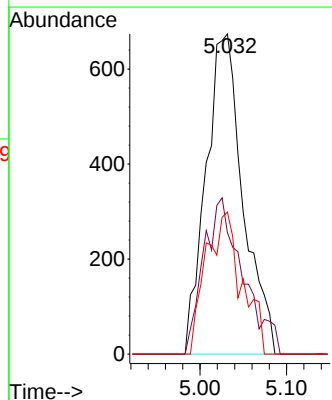
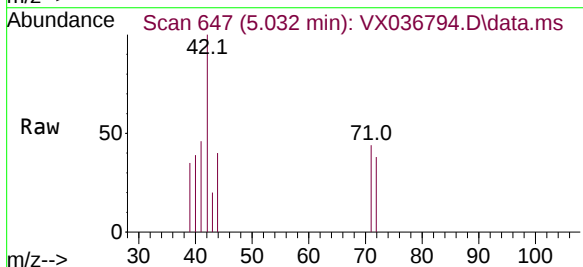
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

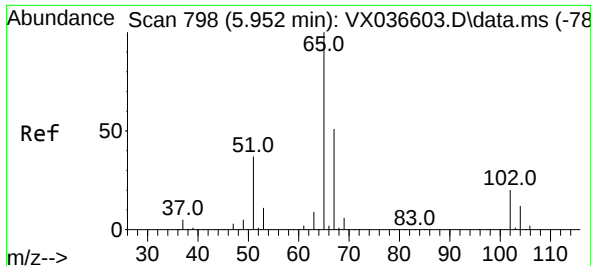
Tgt Ion:	84	Resp:	2397
Ion	Ratio	Lower	Upper
84	100		
49	94.8	103.6	155.4#
51	26.0	33.8	50.6#
86	61.8	49.4	74.0



#29
Tetrahydrofuran
Concen: 2.099 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion:	42	Resp:	2007
Ion	Ratio	Lower	Upper
42	100		
72	51.6	34.2	51.4#
71	42.8	32.2	48.2





#33

1,2-Dichloroethane-d4

Concen: 45.884 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

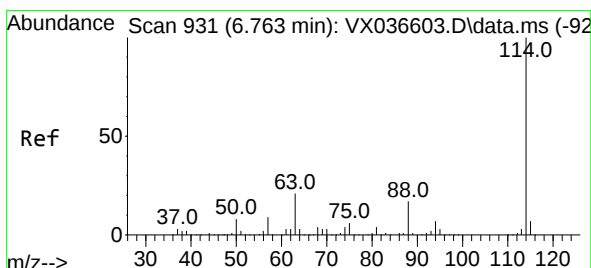
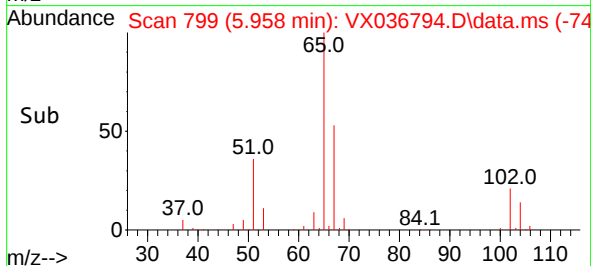
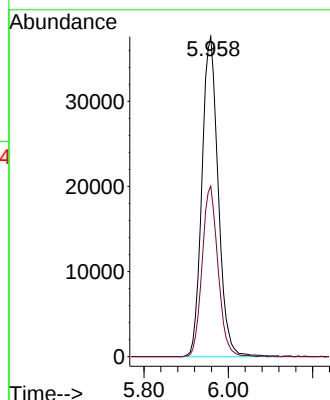
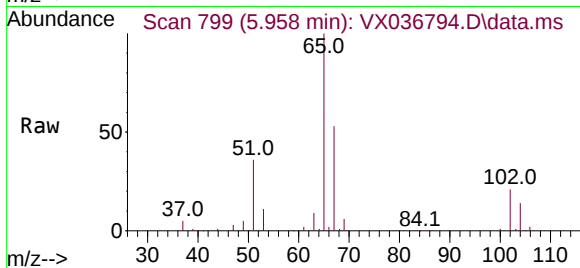
TRE-1763

Tgt Ion: 65 Resp: 101063

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# 931

Delta R.T. 0.000 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

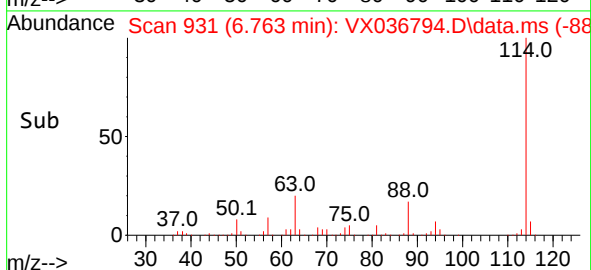
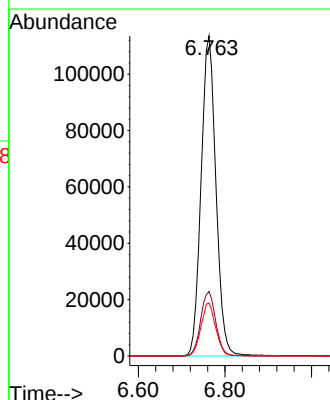
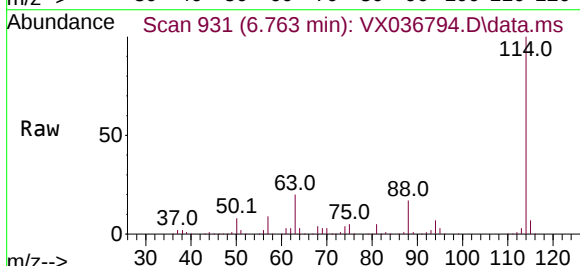
Tgt Ion: 114 Resp: 270453

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

TRE-1763

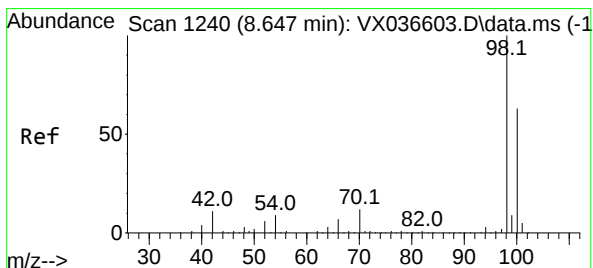
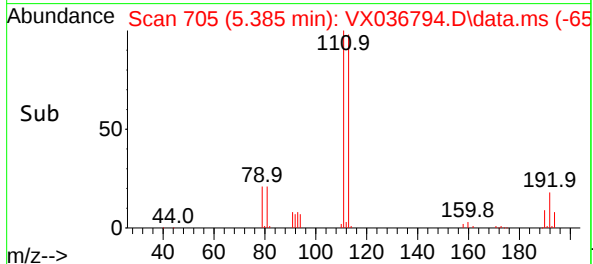
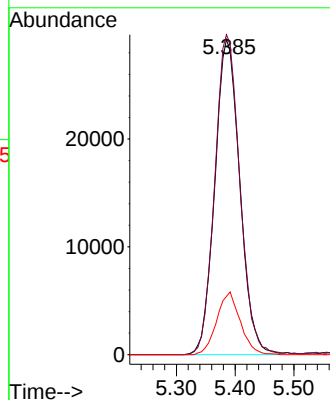
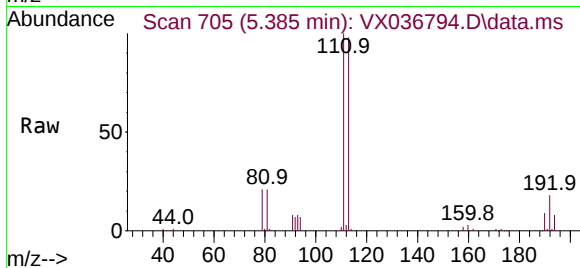
Tgt Ion:113 Resp: 86339

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 18.8 13.3 19.9



#50

Toluene-d8

Concen: 48.951 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036794.D

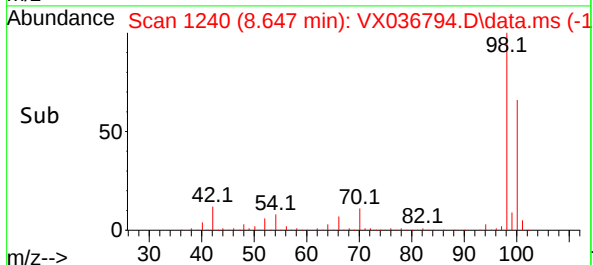
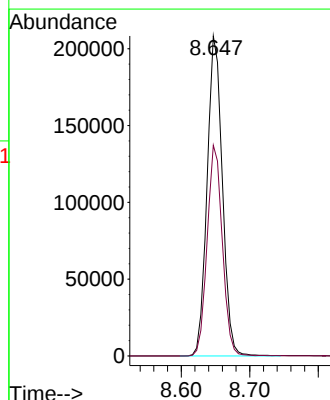
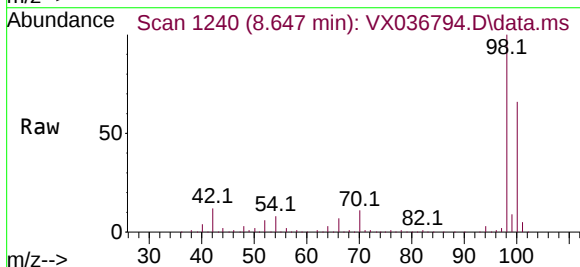
Acq: 03 Aug 2023 12:55

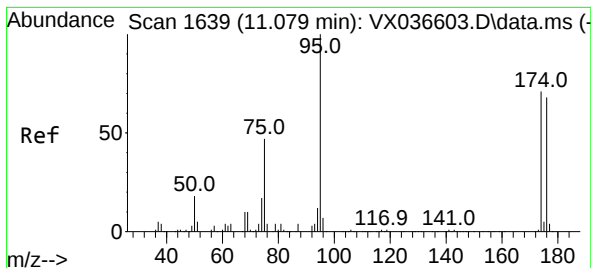
Tgt Ion: 98 Resp: 322697

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7

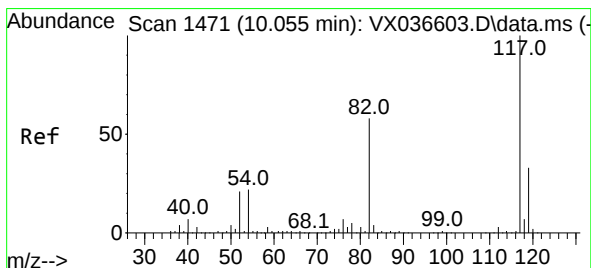
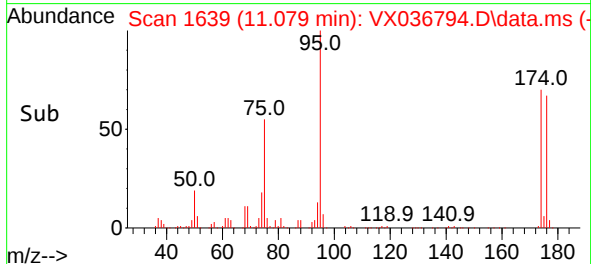
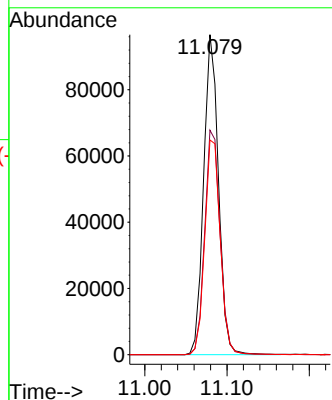
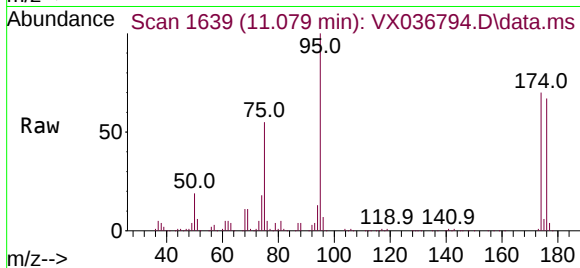




#62
4-Bromofluorobenzene
Concen: 48.810 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

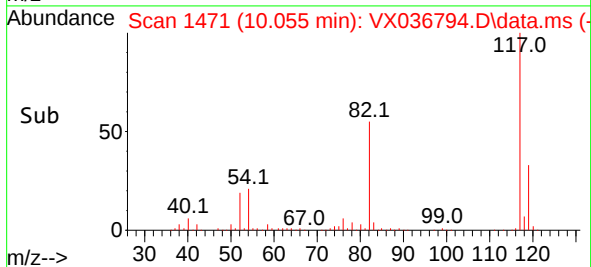
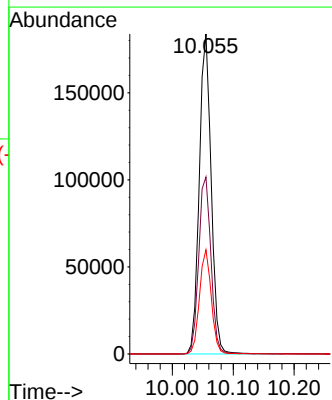
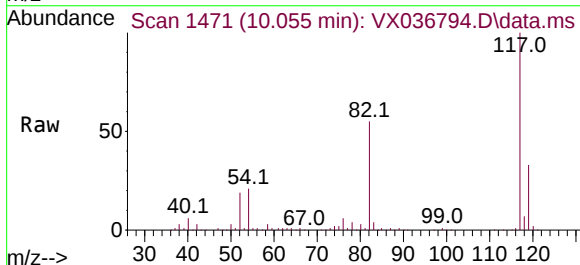
Instrument :
MSVOA_X
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TRE-1763

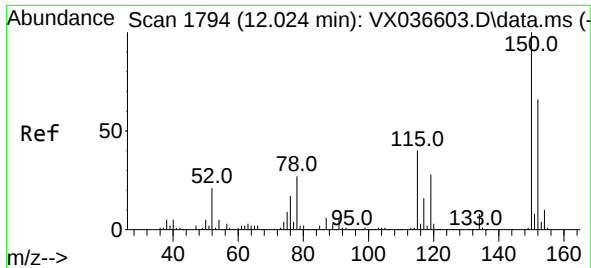
Tgt Ion: 95 Resp: 121396
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 117 Resp: 249052
Ion Ratio Lower Upper
117 100
82 55.3 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: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

TRE-1763

Tgt Ion:152 Resp: 110964

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 158.1 0.0 345.0

