

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034856.D
 Acq On : 30 Mar 2023 16:37
 Operator : JC/MD
 Sample : 02096-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 31 01:34:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

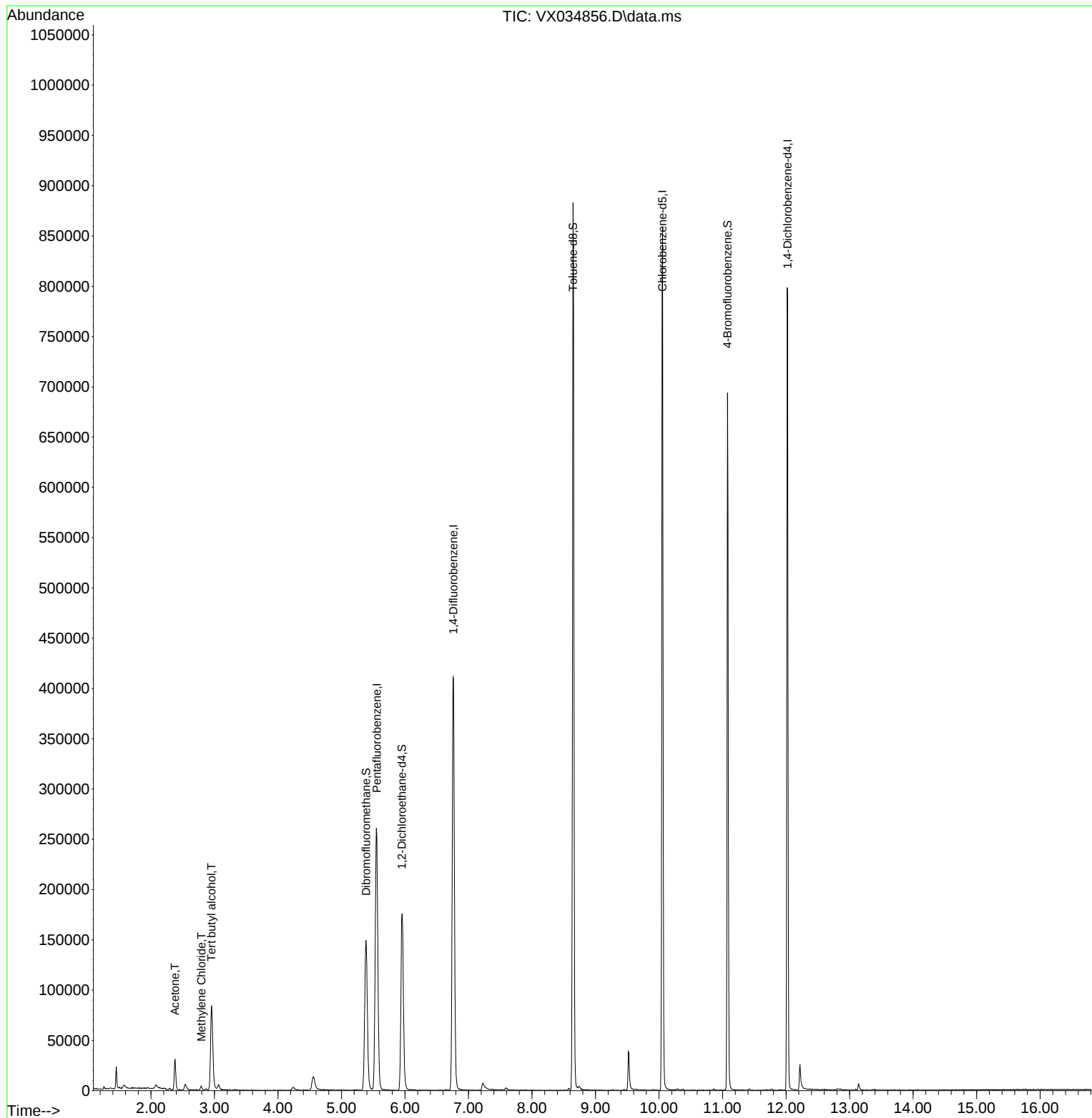
Internal Standards						
1) Pentafluorobenzene	5.556	168	241495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171652	46.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.960%
35) Dibromofluoromethane	5.385	113	127632	46.816	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.647	98	494680	49.160	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	177450	45.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	101369	157.112	ug/l	98
16) Acetone	2.380	43	33346	22.311	ug/l	100
20) Methylene Chloride	2.794	84	1968	0.658	ug/l #	79

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

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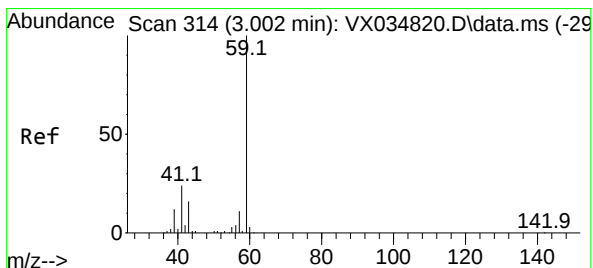
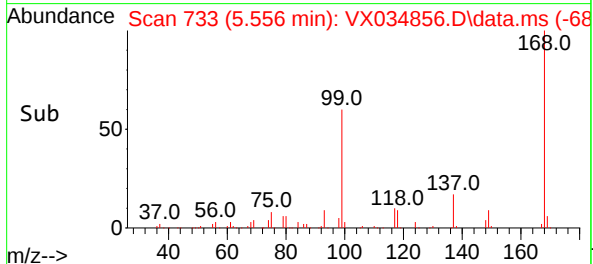
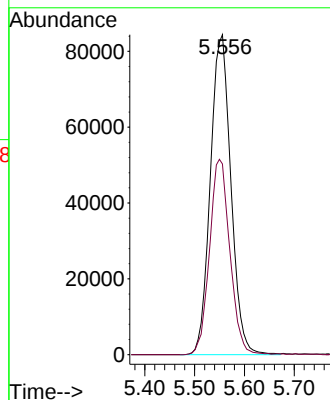
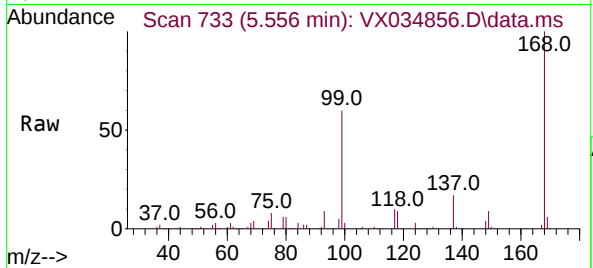




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

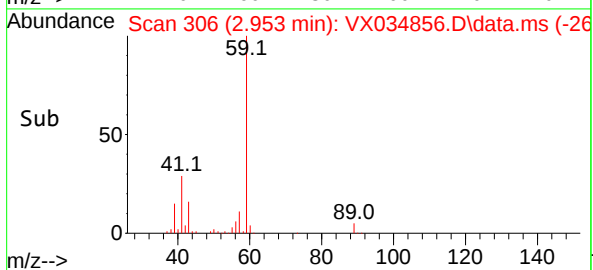
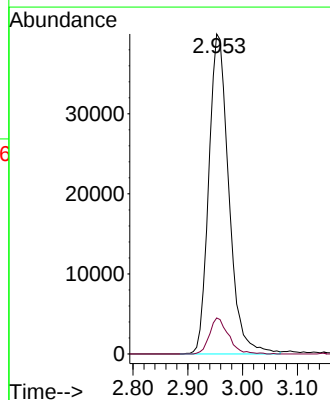
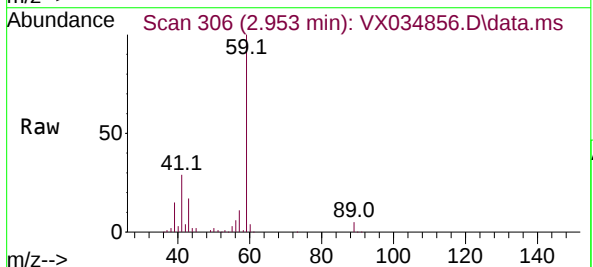
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

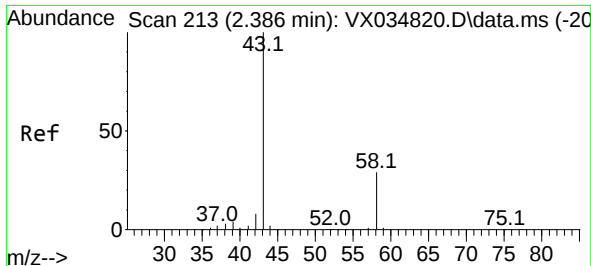
Tgt Ion:168 Resp: 241495
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 157.112 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

Tgt Ion: 59 Resp: 101369
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1





#16

Acetone

Concen: 22.311 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX034856.D

Acq: 30 Mar 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

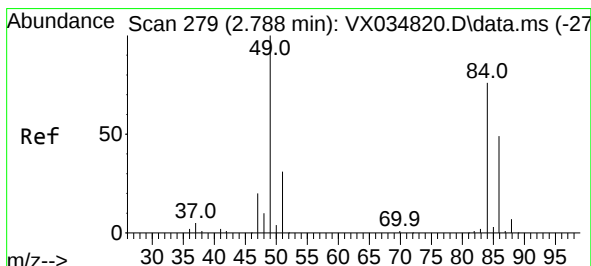
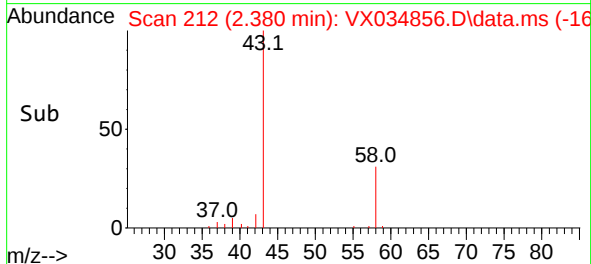
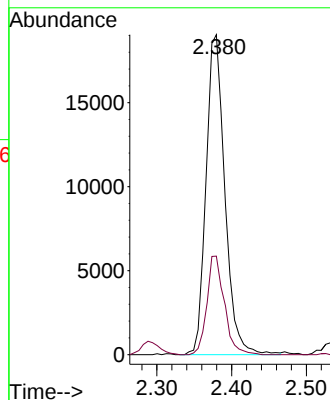
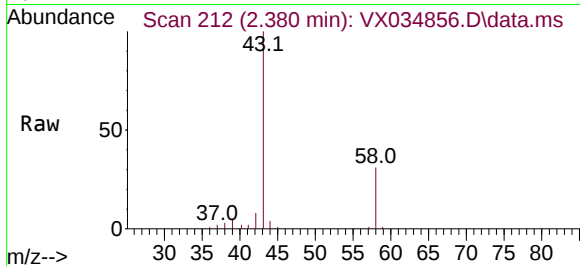
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Tgt Ion: 43 Resp: 33346

Ion Ratio Lower Upper

43 100

58 30.8 24.7 37.1



#20

Methylene Chloride

Concen: 0.658 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX034856.D

Acq: 30 Mar 2023 16:37

Tgt Ion: 84 Resp: 1968

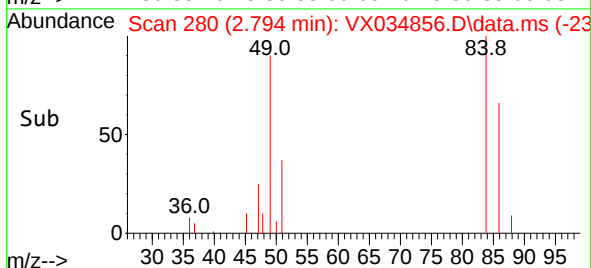
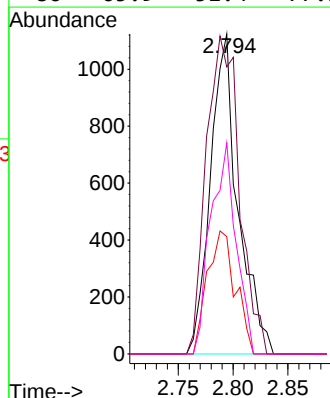
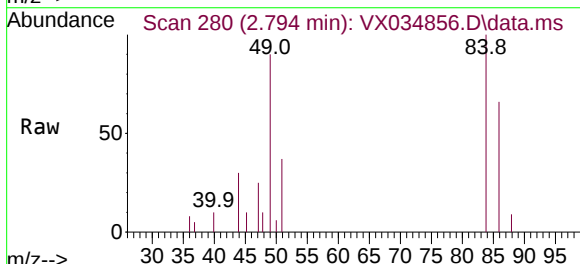
Ion Ratio Lower Upper

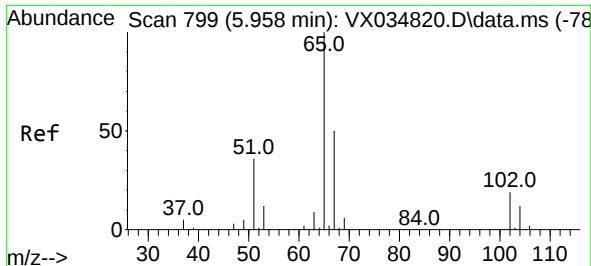
84 100

49 89.7 103.8 155.8#

51 36.7 31.8 47.8

86 65.9 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 46.476 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034856.D

Acq: 30 Mar 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

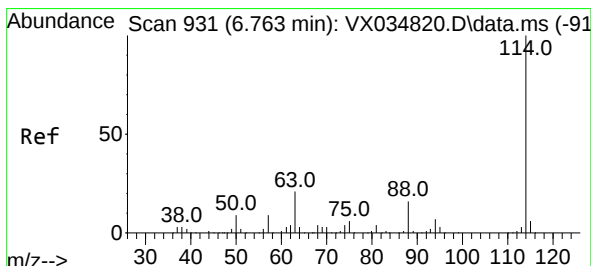
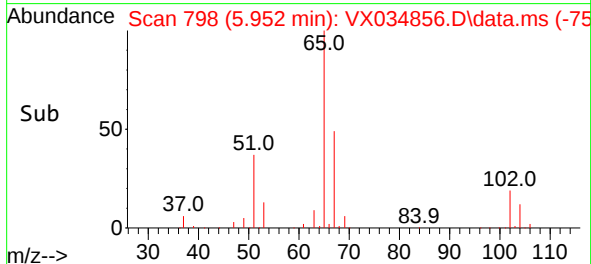
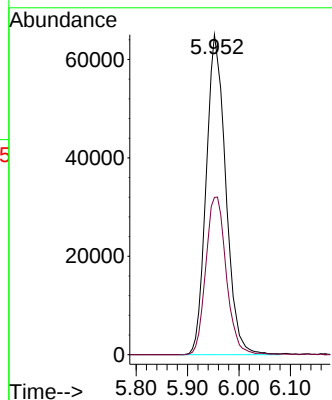
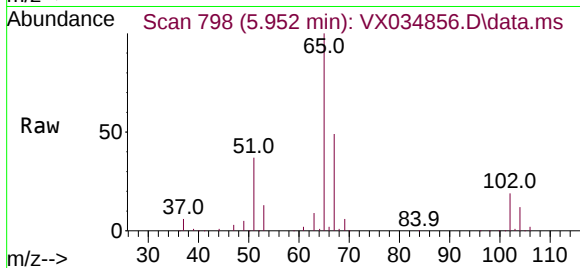
TRIP-BLANK

Tgt Ion: 65 Resp: 171652

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034856.D

Acq: 30 Mar 2023 16:37

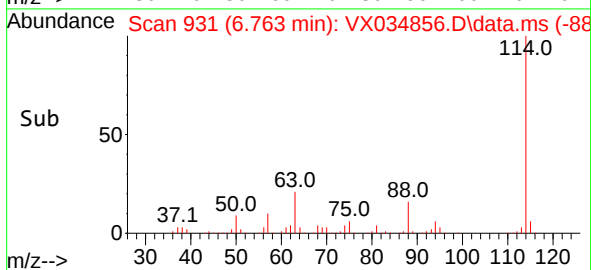
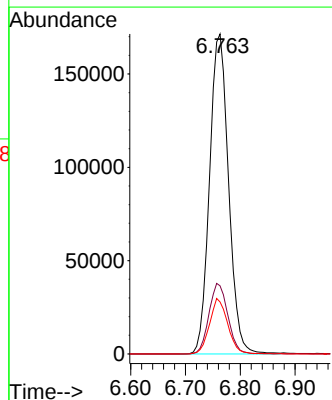
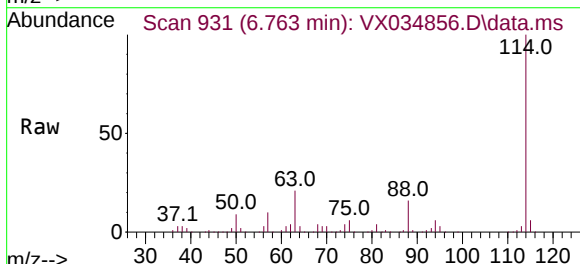
Tgt Ion: 114 Resp: 412181

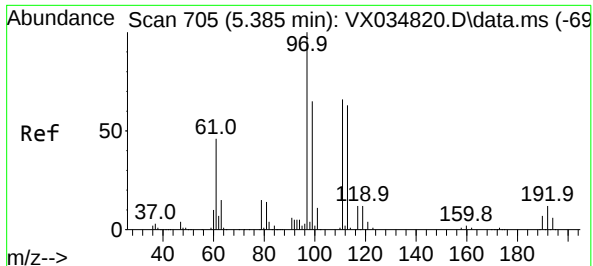
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.2 0.0 33.2

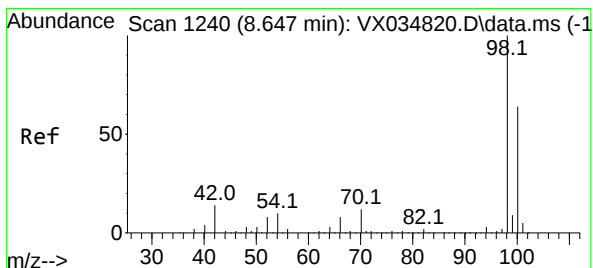
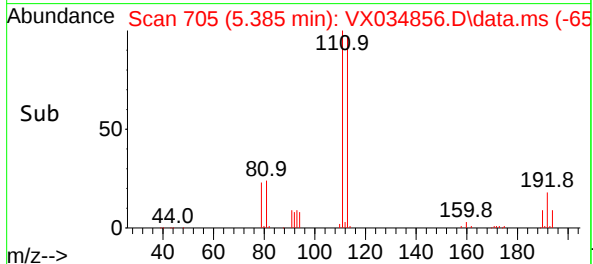
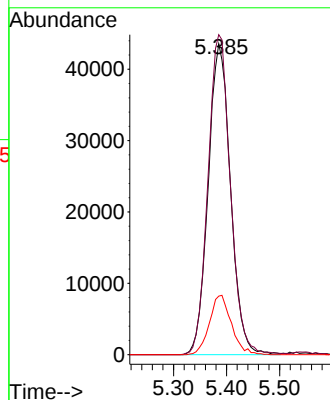
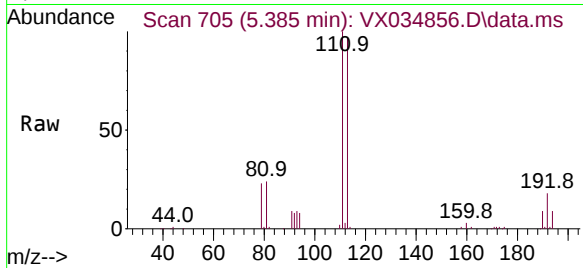




#35
Dibromofluoromethane
Concen: 46.816 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

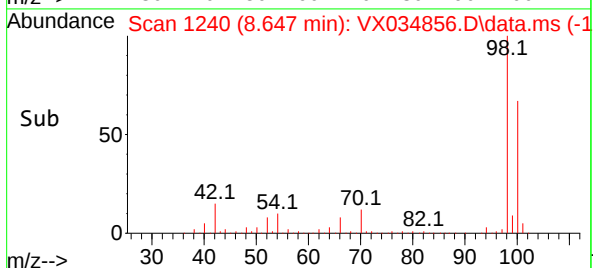
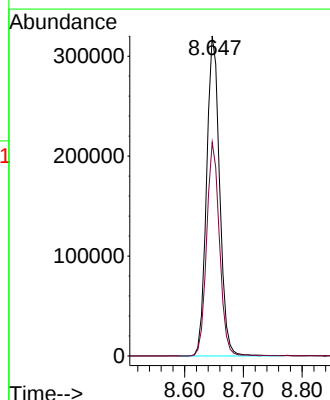
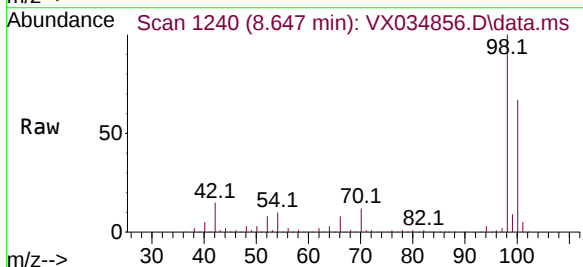
Instrument :
MSVOA_X
ClientSampleId :
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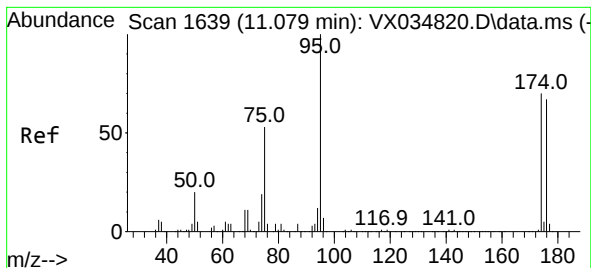
Tgt Ion:113 Resp: 127632
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.8 15.4 23.2



#50
Toluene-d8
Concen: 49.160 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

Tgt Ion: 98 Resp: 494680
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

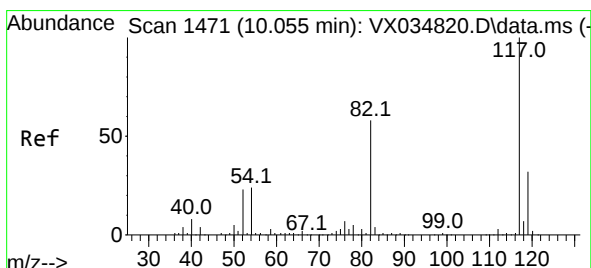
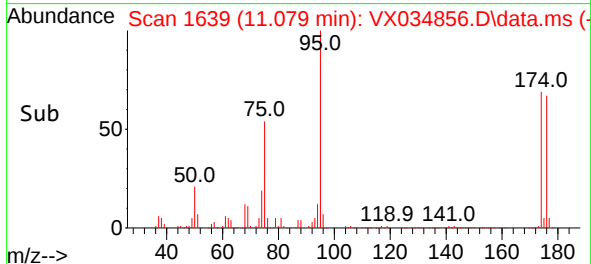
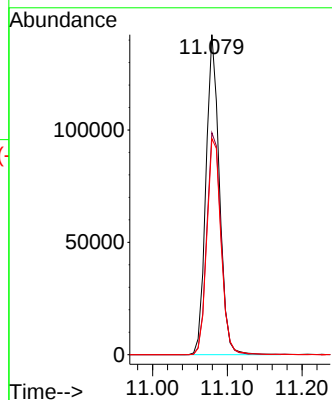
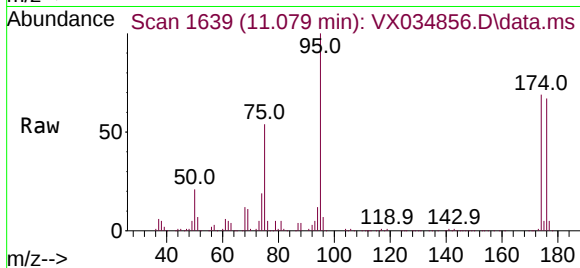




#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

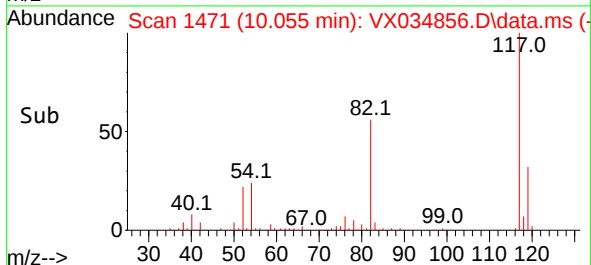
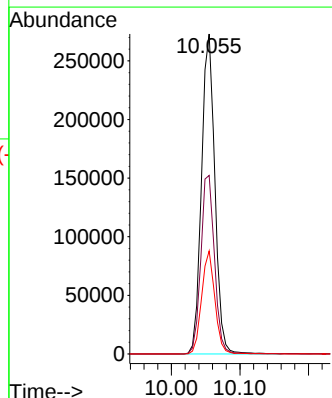
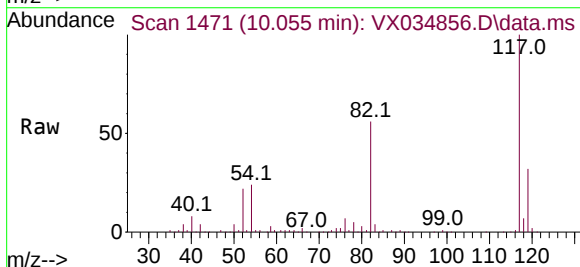
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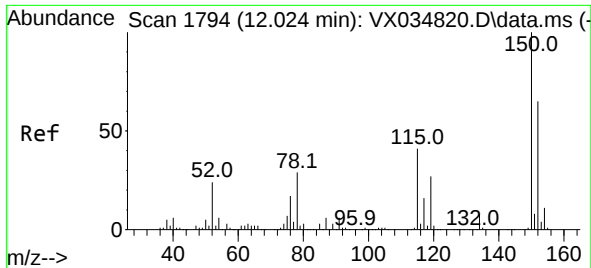
Tgt Ion: 95 Resp: 177450
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.4
176 71.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034856.D
Acq: 30 Mar 2023 16:37

Tgt Ion: 117 Resp: 371403
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034856.D

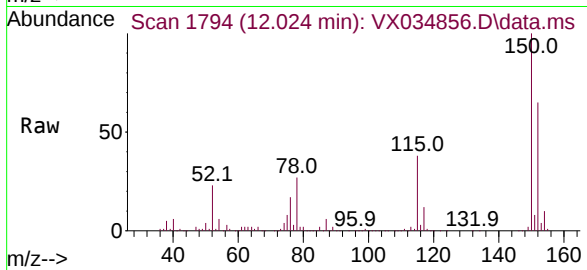
Acq: 30 Mar 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion:152 Resp: 161411

Ion Ratio Lower Upper

152 100

115 60.7 45.0 135.0

150 155.5 0.0 352.4

