

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030946.D
 Acq On : 30 Aug 2022 18:09
 Operator : JC/MD
 Sample : N4371-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4127

Quant Time: Aug 30 19:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

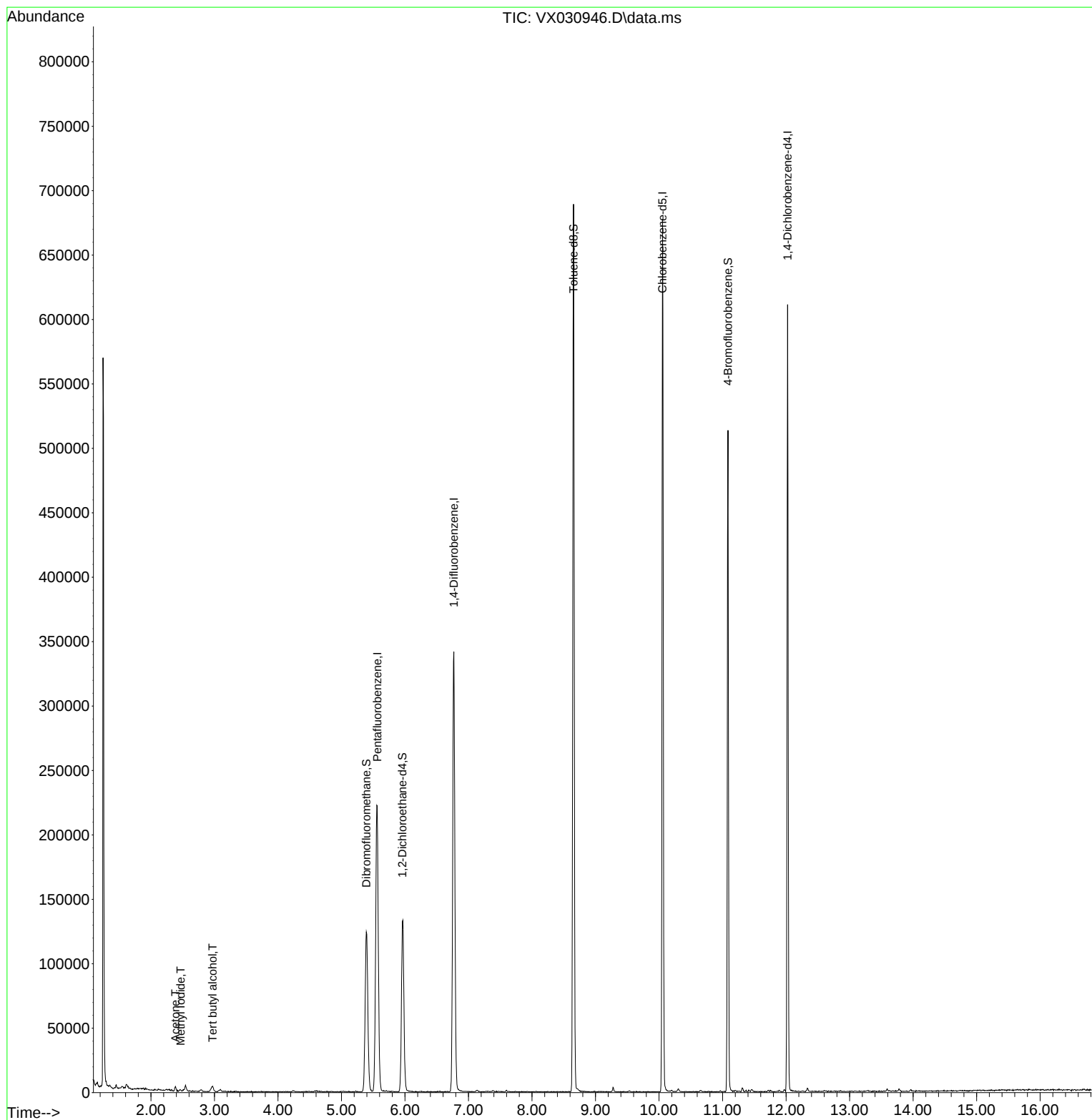
Internal Standards						
1) Pentafluorobenzene	5.562	168	217897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127673	40.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.700%
35) Dibromofluoromethane	5.391	113	113541	41.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.860%
50) Toluene-d8	8.653	98	423521	42.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.480%#
62) 4-Bromofluorobenzene	11.085	95	135374	37.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.820%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	1713	5.004	ug/l #	93
11) Tert butyl alcohol	2.971	59	5072	6.850	ug/l	97
16) Acetone	2.386	43	3440	2.439	ug/l #	79

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

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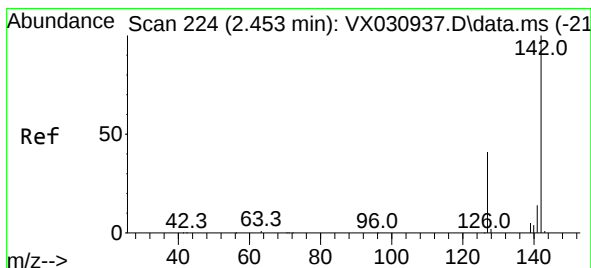
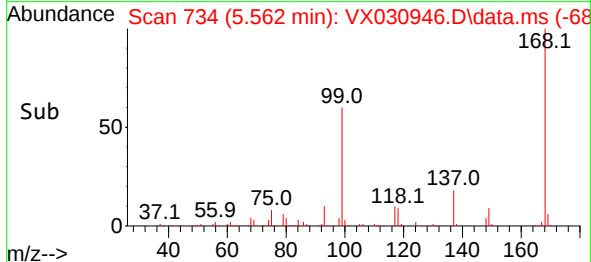
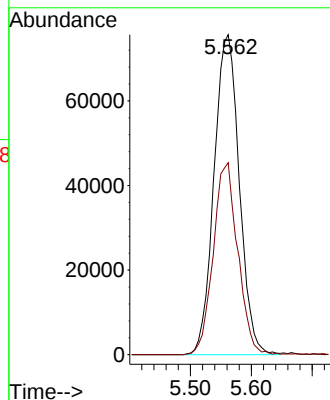
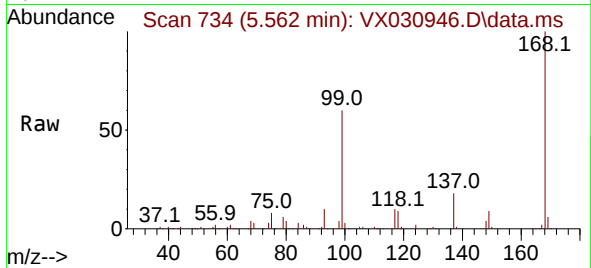




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030946.D
Acq: 30 Aug 2022 18:09

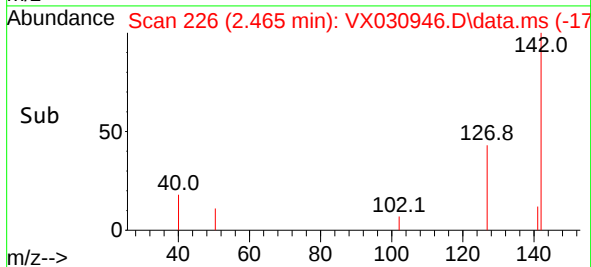
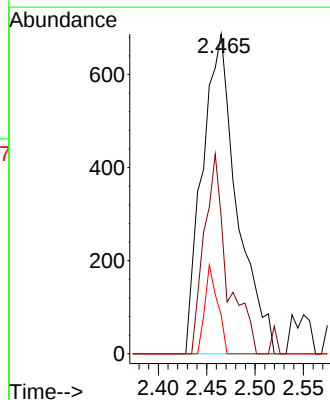
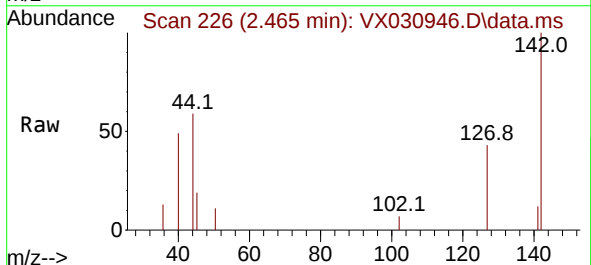
Instrument :
MSVOA_X
ClientSampleId :
A4127

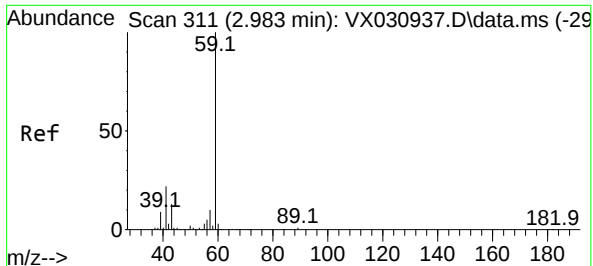
Tgt Ion:168 Resp: 217897
Ion Ratio Lower Upper
168 100
99 60.0 44.0 66.0



#10
Methyl Iodide
Concen: 5.004 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030946.D
Acq: 30 Aug 2022 18:09

Tgt Ion:142 Resp: 1713
Ion Ratio Lower Upper
142 100
127 41.6 30.2 45.2
141 10.3 11.3 16.9#





#11

Tert butyl alcohol

Concen: 6.850 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX030946.D

Acq: 30 Aug 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

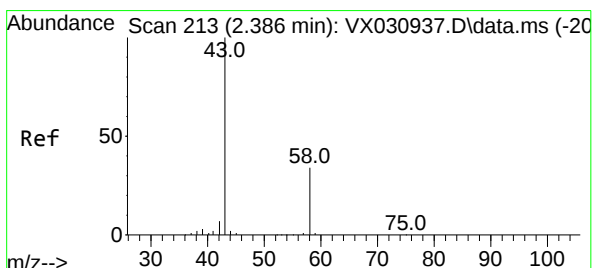
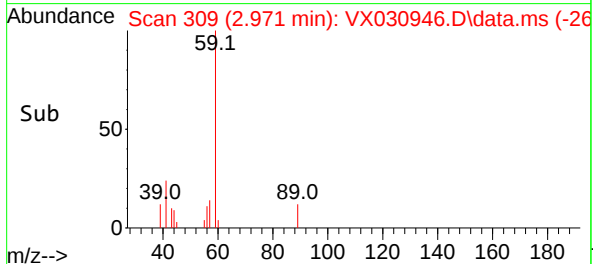
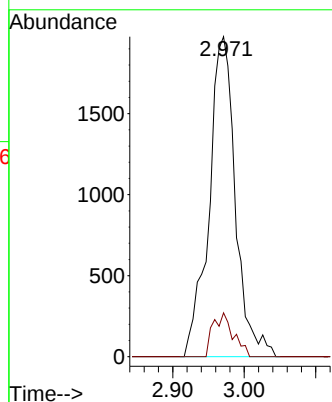
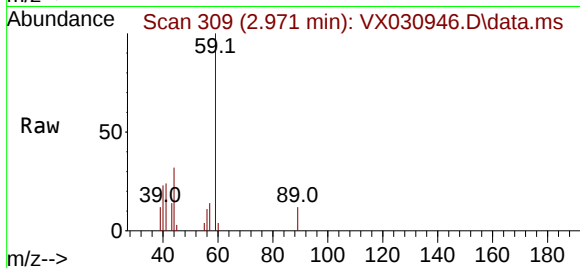
A4127

Tgt Ion: 59 Resp: 5072

Ion Ratio Lower Upper

59 100

57 10.5 7.4 11.2



#16

Acetone

Concen: 2.439 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX030946.D

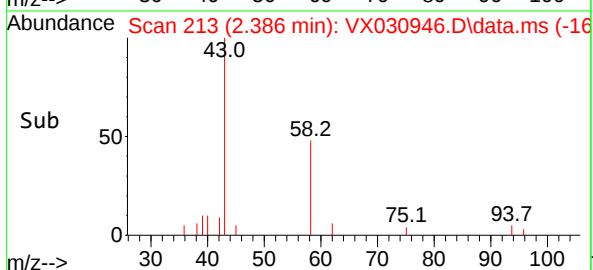
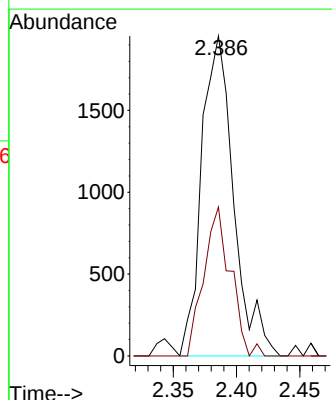
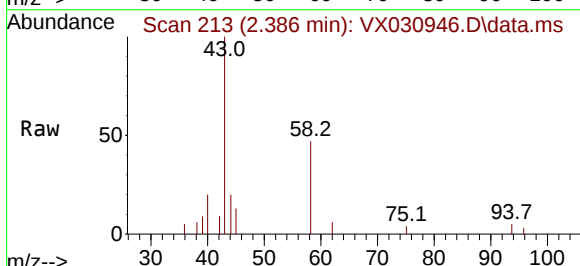
Acq: 30 Aug 2022 18:09

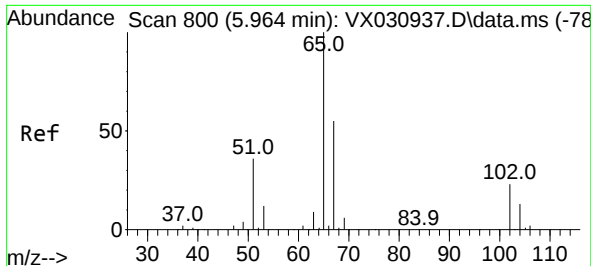
Tgt Ion: 43 Resp: 3440

Ion Ratio Lower Upper

43 100

58 46.5 27.7 41.5#





#33

1,2-Dichloroethane-d4

Concen: 40.852 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030946.D

Acq: 30 Aug 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

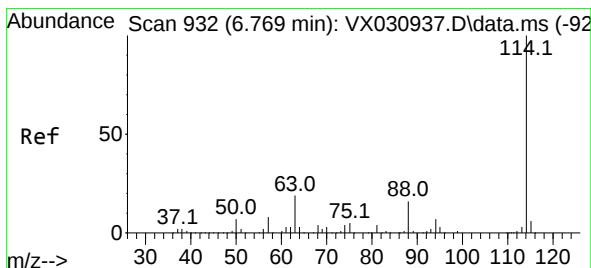
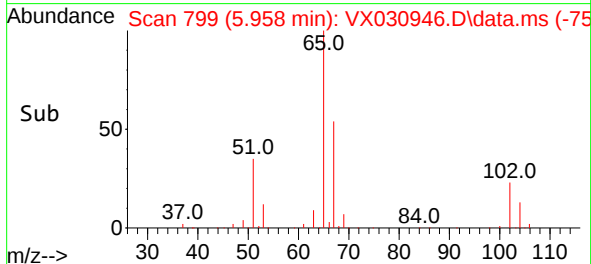
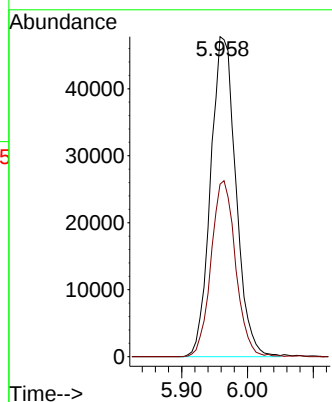
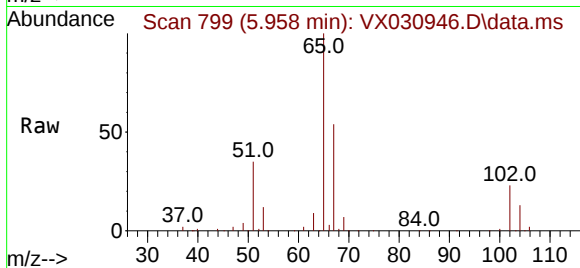
A4127

Tgt Ion: 65 Resp: 127673

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030946.D

Acq: 30 Aug 2022 18:09

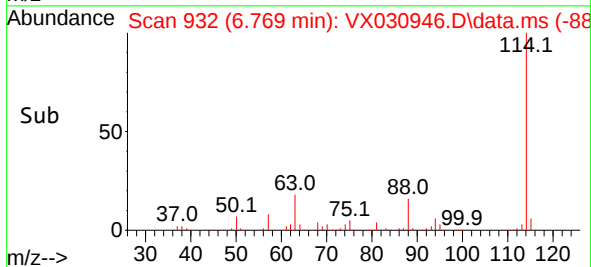
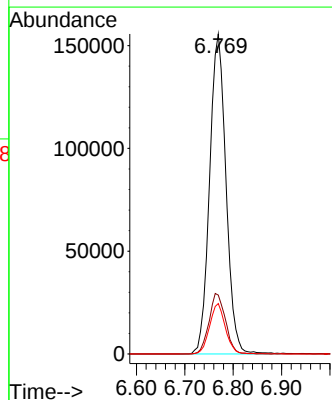
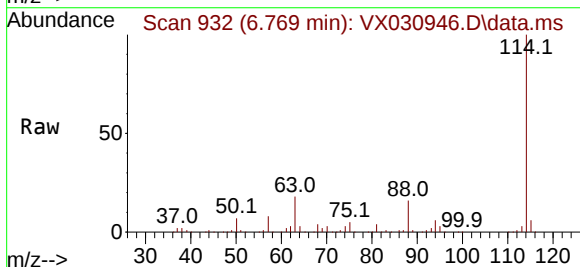
Tgt Ion: 114 Resp: 367321

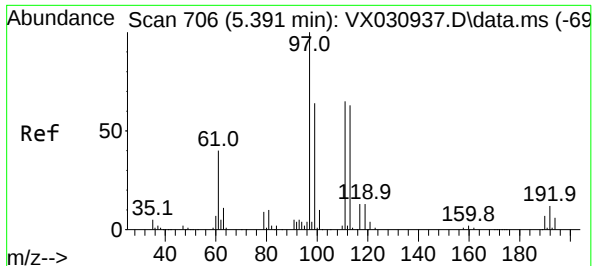
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 41.933 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030946.D

Acq: 30 Aug 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

A4127

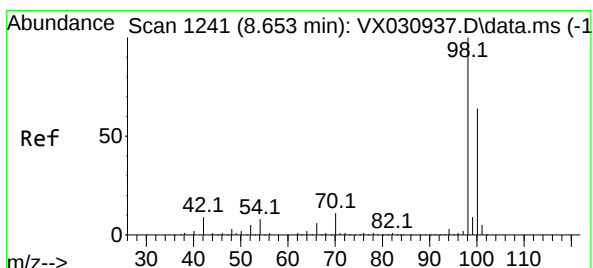
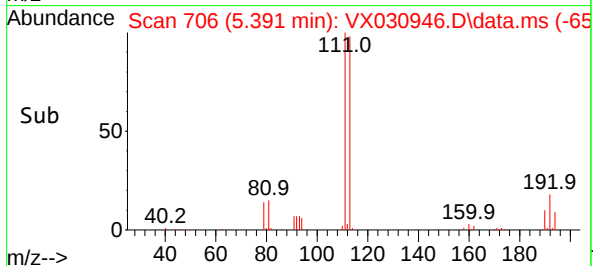
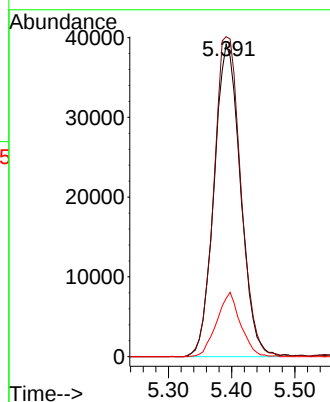
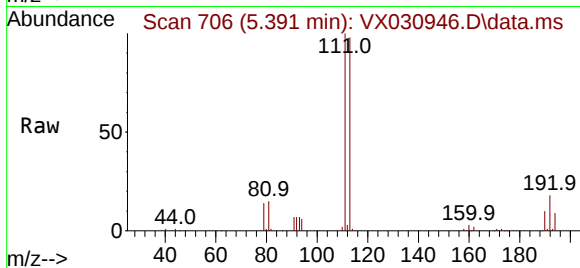
Tgt Ion:113 Resp: 113541

Ion Ratio Lower Upper

113 100

111 104.2 83.2 124.8

192 18.6 14.8 22.2



#50

Toluene-d8

Concen: 42.236 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030946.D

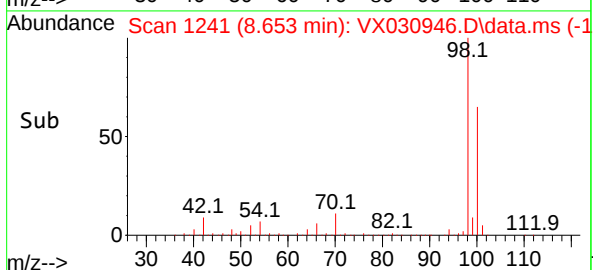
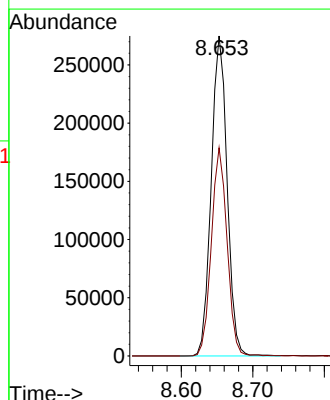
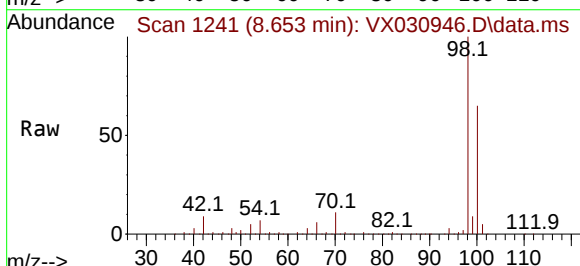
Acq: 30 Aug 2022 18:09

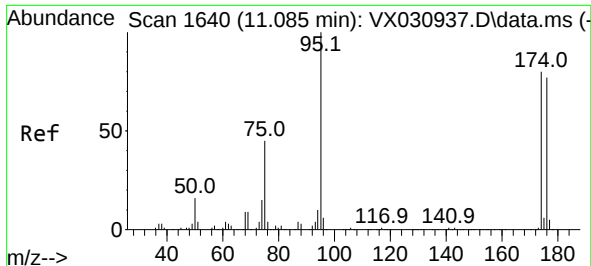
Tgt Ion: 98 Resp: 423521

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5

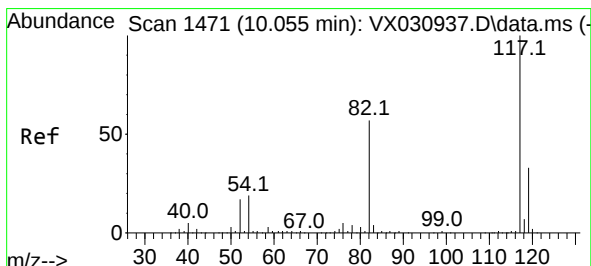
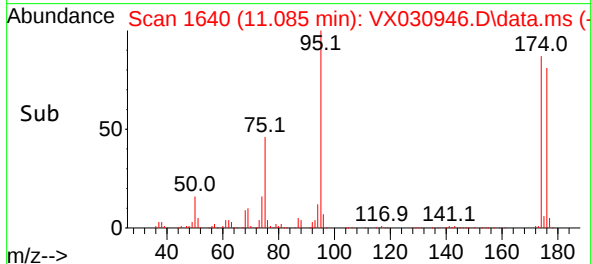
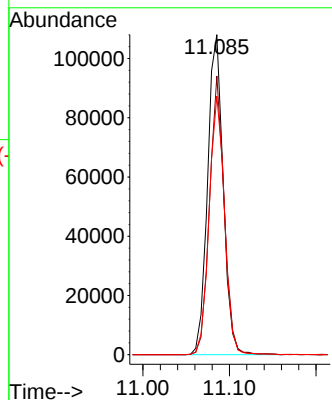
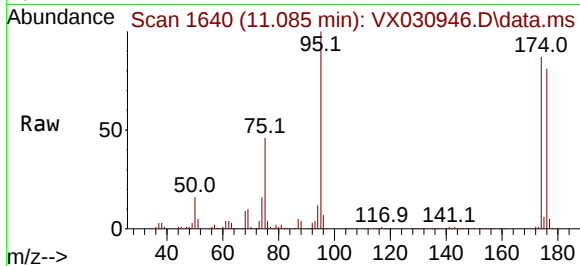




#62
4-Bromofluorobenzene
Concen: 37.911 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030946.D
Acq: 30 Aug 2022 18:09

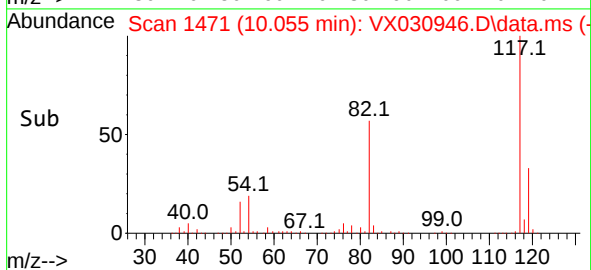
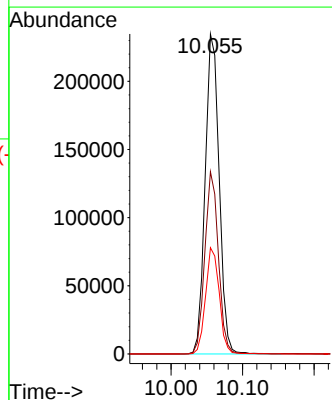
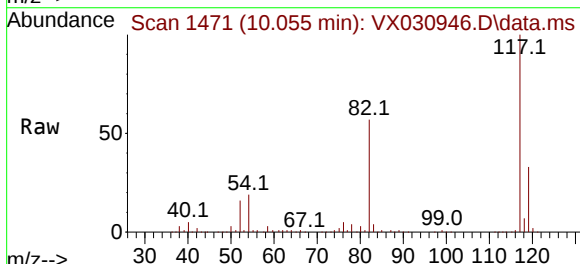
Instrument :
MSVOA_X
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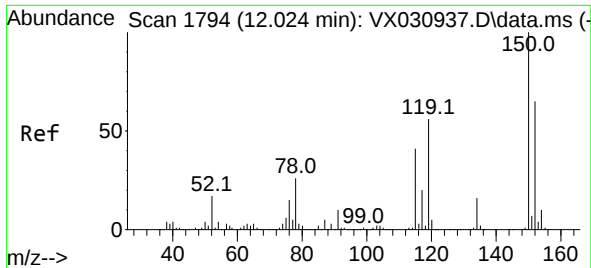
Tgt Ion: 95 Resp: 135374
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.0
176 79.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030946.D
Acq: 30 Aug 2022 18:09

Tgt Ion: 117 Resp: 319765
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 33.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030946.D

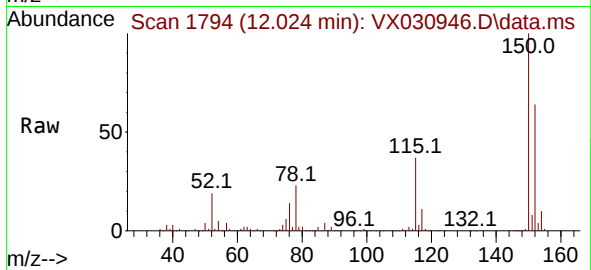
Acq: 30 Aug 2022 18:09

Instrument :

MSVOA_X

ClientSampleId :

A4127



Tgt Ion:152 Resp: 130792

Ion Ratio Lower Upper

152 100

115 57.6 40.5 121.5

150 154.6 0.0 347.0

