

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031729.D
 Acq On : 28 Sep 2022 16:04
 Operator : JC/MD
 Sample : N4846-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20220923

Quant Time: Sep 29 04:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

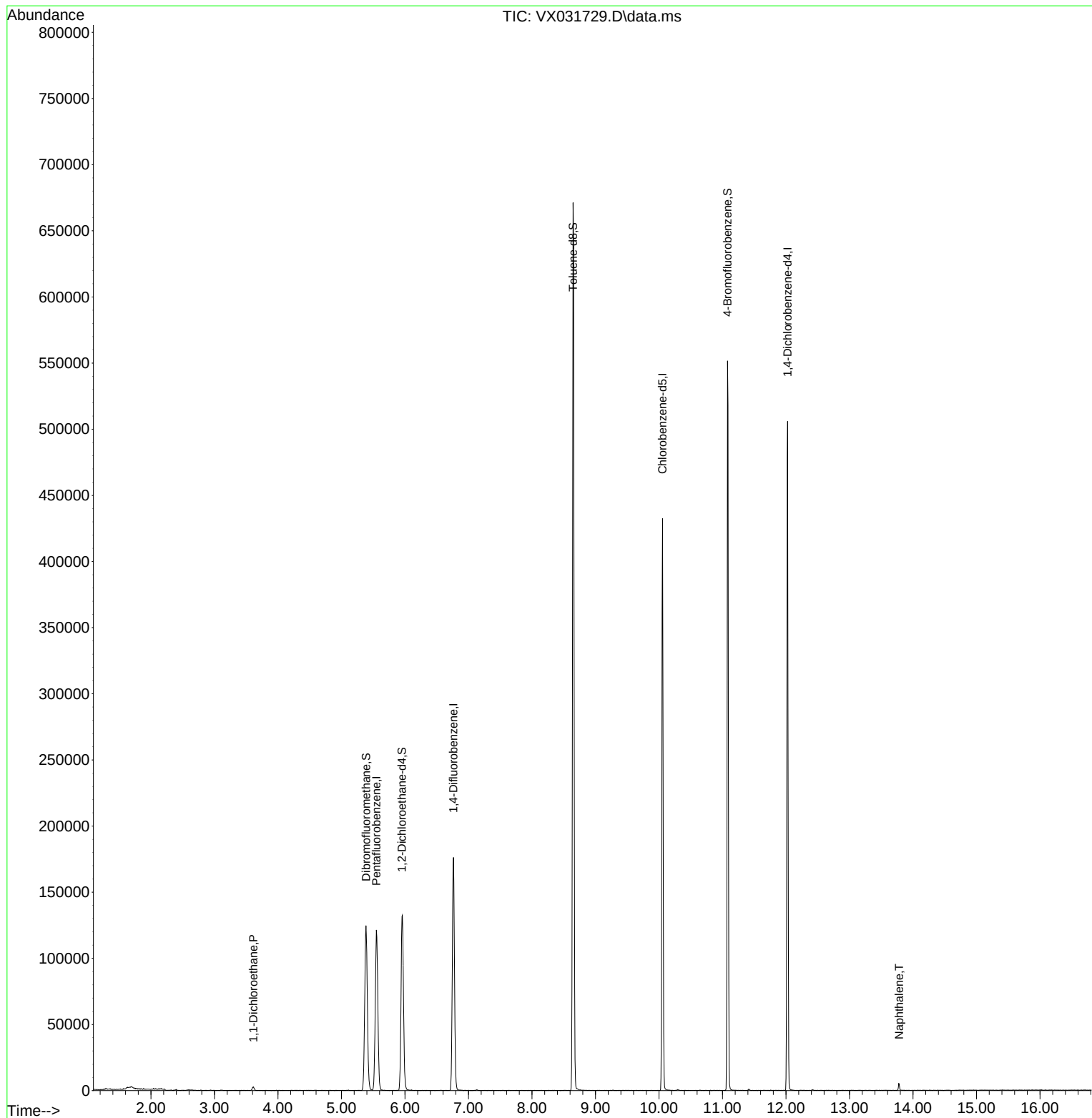
Internal Standards						
1) Pentafluorobenzene	5.550	168	112445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128567	53.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.740%			
35) Dibromofluoromethane	5.385	113	104228	47.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.940%			
50) Toluene-d8	8.647	98	403768	50.726	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.079	95	136801	46.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.780%			
Target Compounds						Qvalue
24) 1,1-Dichloroethane	3.611	63	2924	1.002	ug/l #	93
95) Naphthalene	13.780	128	3594	0.562	ug/l	99

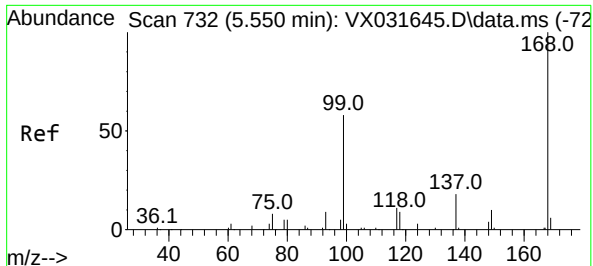
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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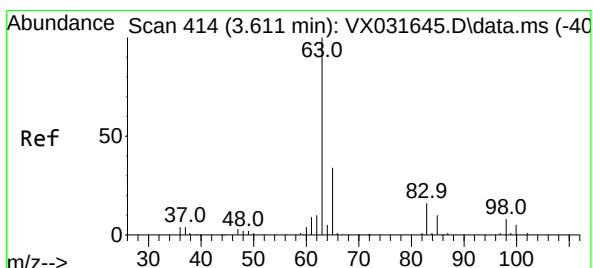
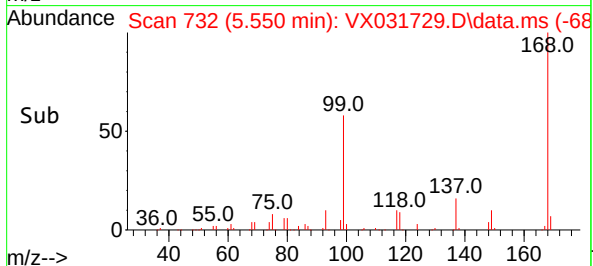
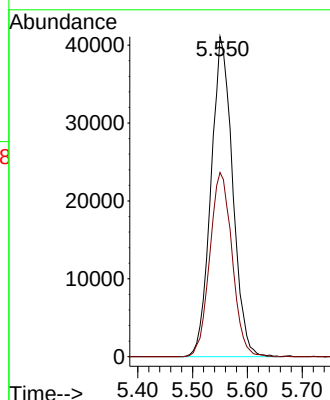
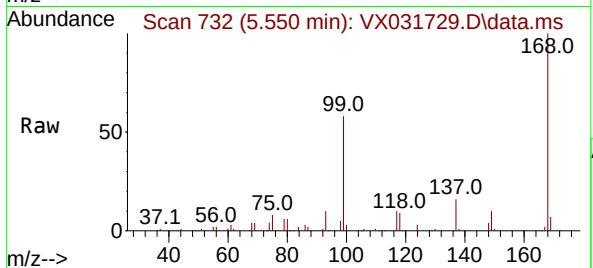




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031729.D
Acq: 28 Sep 2022 16:04

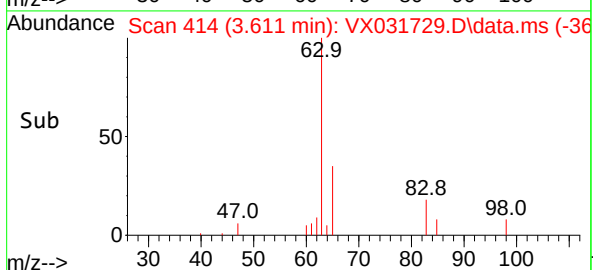
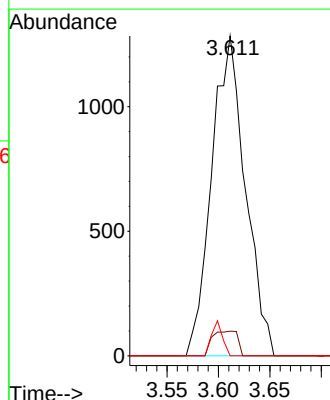
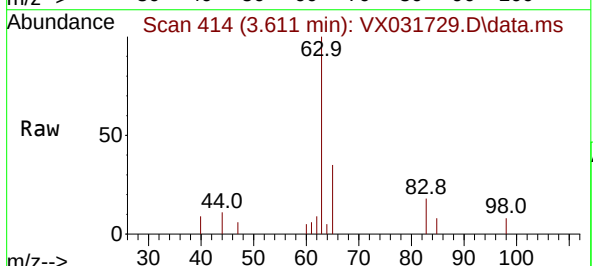
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20220923

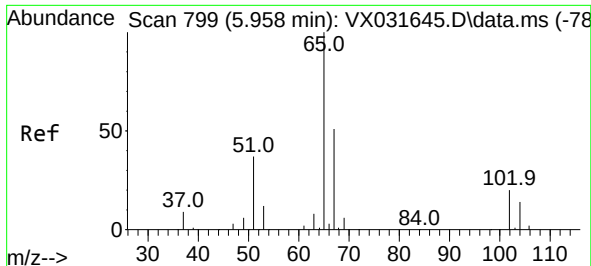
Tgt Ion:168 Resp: 112445
Ion Ratio Lower Upper
168 100
99 57.6 48.8 73.2



#24
1,1-Dichloroethane
Concen: 1.002 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031729.D
Acq: 28 Sep 2022 16:04

Tgt Ion: 63 Resp: 2924
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.4
100 0.0 2.4 7.2#





#33

1,2-Dichloroethane-d4

Concen: 53.872 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031729.D

Acq: 28 Sep 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

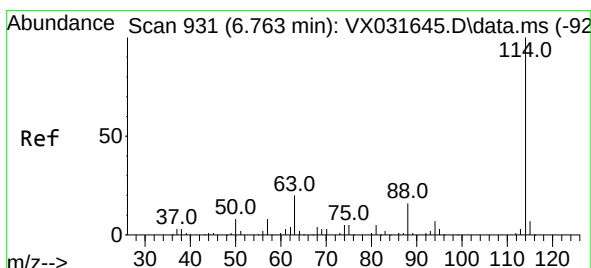
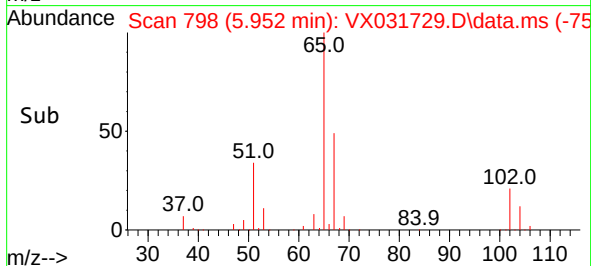
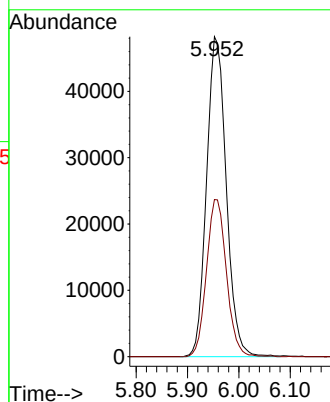
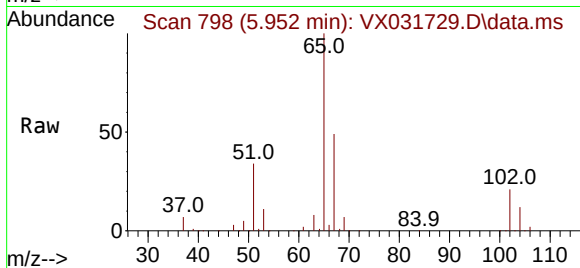
TT158S1-20220923

Tgt Ion: 65 Resp: 128567

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031729.D

Acq: 28 Sep 2022 16:04

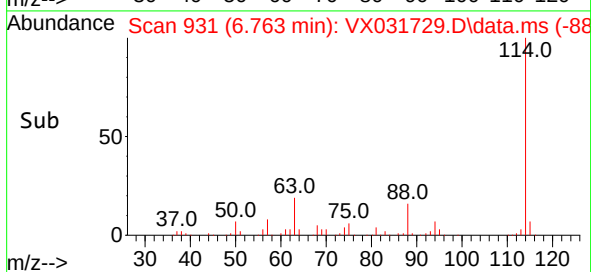
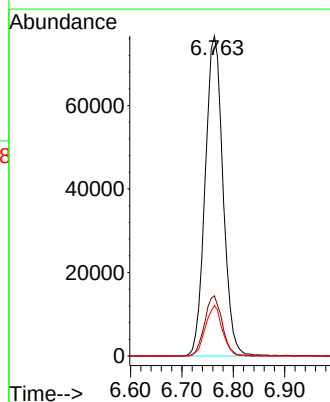
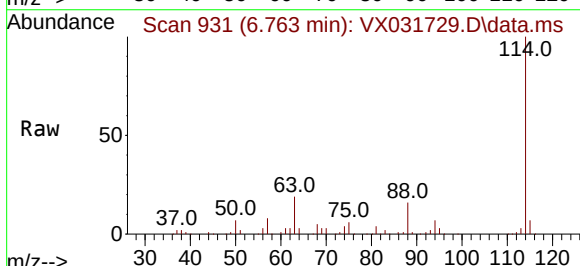
Tgt Ion: 114 Resp: 184266

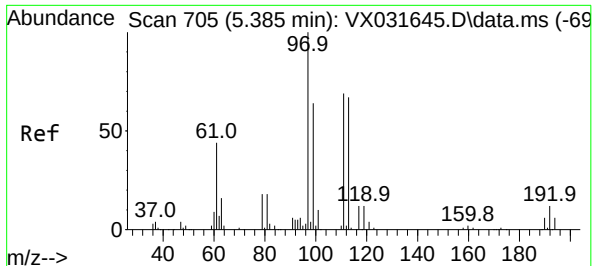
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.472 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031729.D

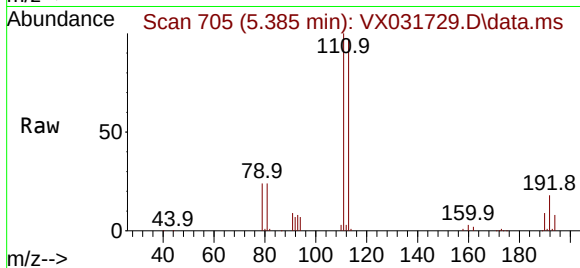
Acq: 28 Sep 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20220923



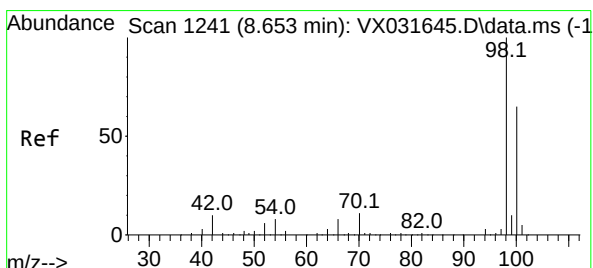
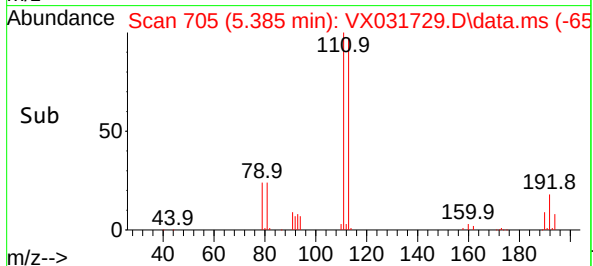
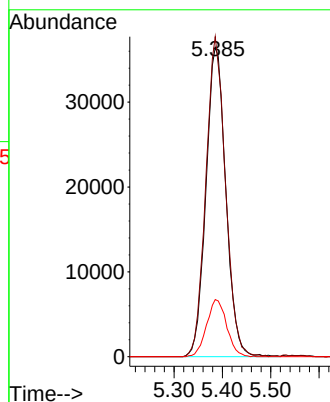
Tgt Ion:113 Resp: 104228

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 18.6 14.1 21.1



#50

Toluene-d8

Concen: 50.726 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031729.D

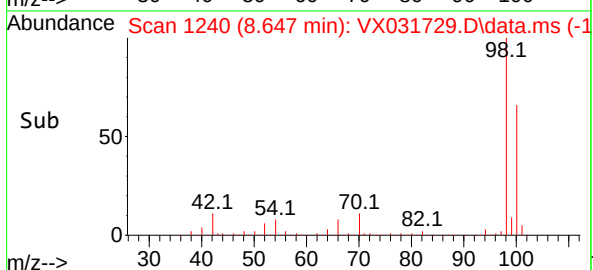
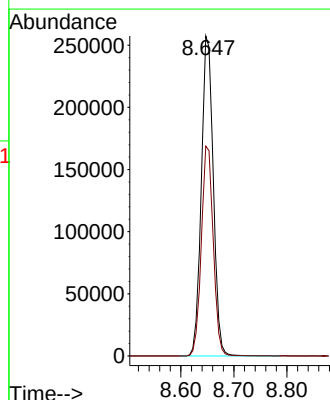
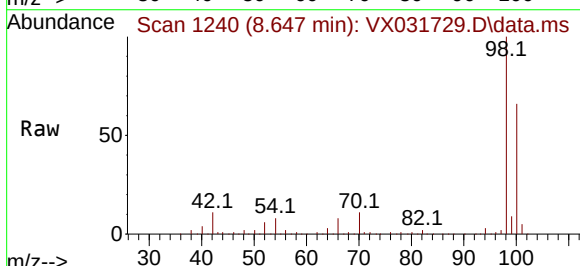
Acq: 28 Sep 2022 16:04

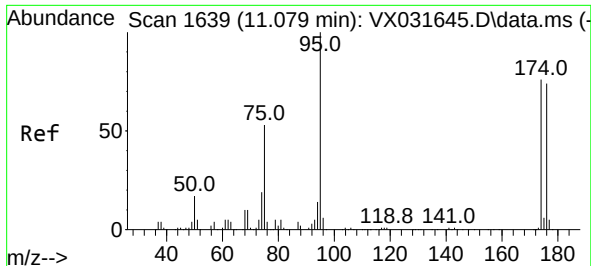
Tgt Ion: 98 Resp: 403768

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 46.891 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031729.D

Acq: 28 Sep 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20220923

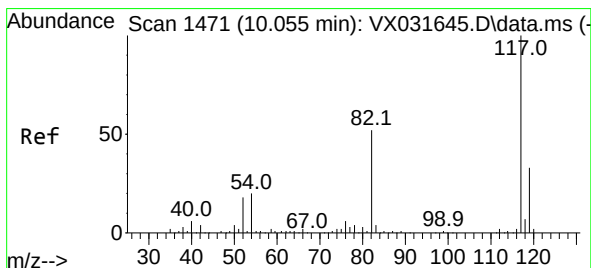
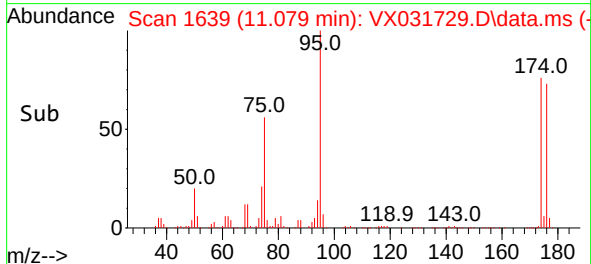
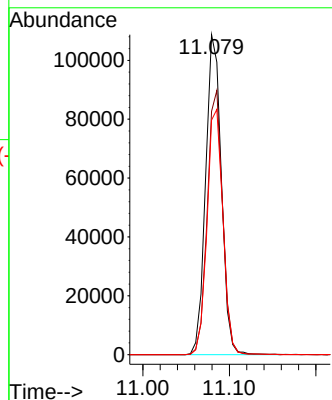
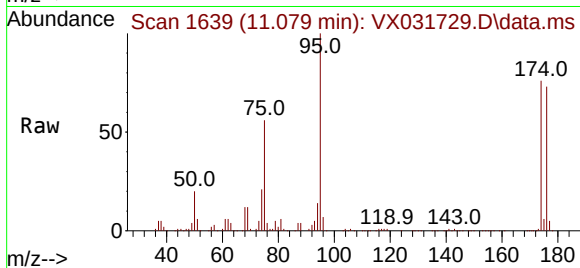
Tgt Ion: 95 Resp: 136801

Ion Ratio Lower Upper

95 100

174 81.4 0.0 153.2

176 77.6 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031729.D

Acq: 28 Sep 2022 16:04

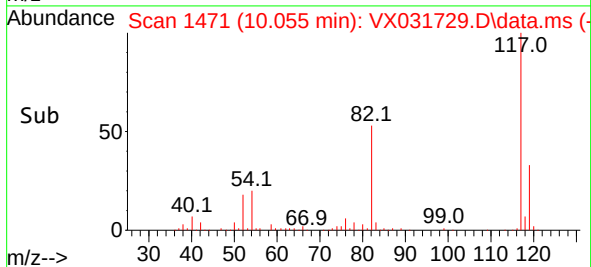
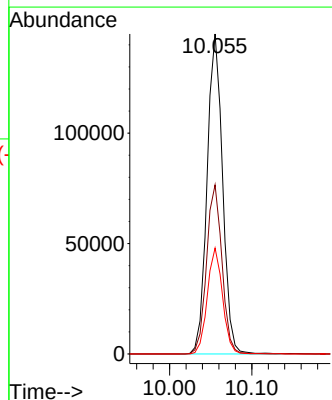
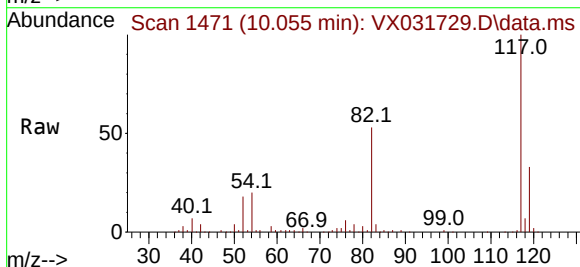
Tgt Ion: 117 Resp: 189788

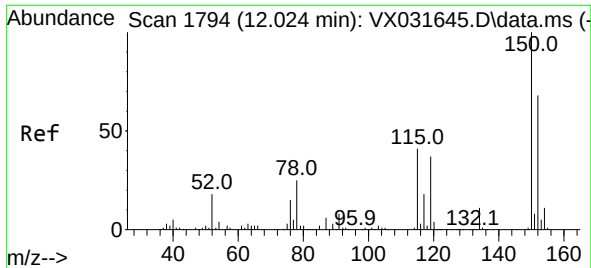
Ion Ratio Lower Upper

117 100

82 52.9 46.8 70.2

119 33.1 26.4 39.6

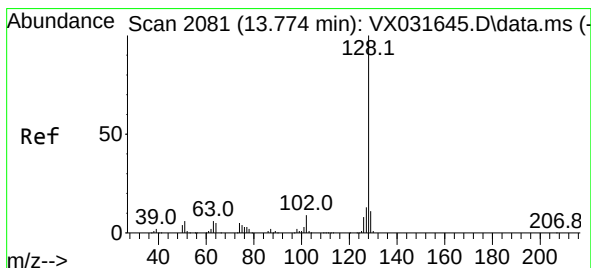
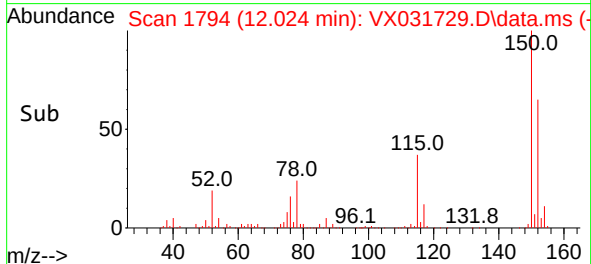
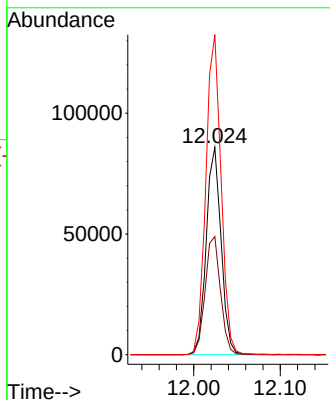
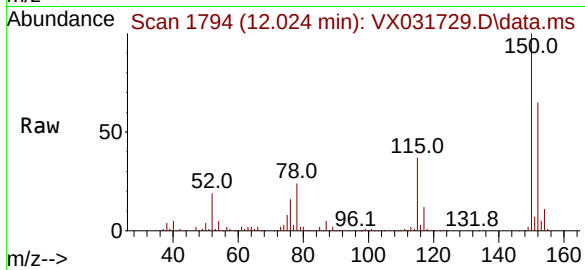




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031729.D
Acq: 28 Sep 2022 16:04

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20220923

Tgt Ion:152 Resp: 102483
Ion Ratio Lower Upper
152 100
115 59.1 43.4 130.1
150 157.8 0.0 346.8



#95
Naphthalene
Concen: 0.562 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031729.D
Acq: 28 Sep 2022 16:04

Tgt Ion:128 Resp: 3594
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.7 8.8 13.2

