

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029728.D
 Acq On : 23 Jun 2022 07:40
 Operator : JC/MD
 Sample : N3422-11 40X
 Misc : 5.76g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-13-GR

Quant Time: Jun 23 09:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

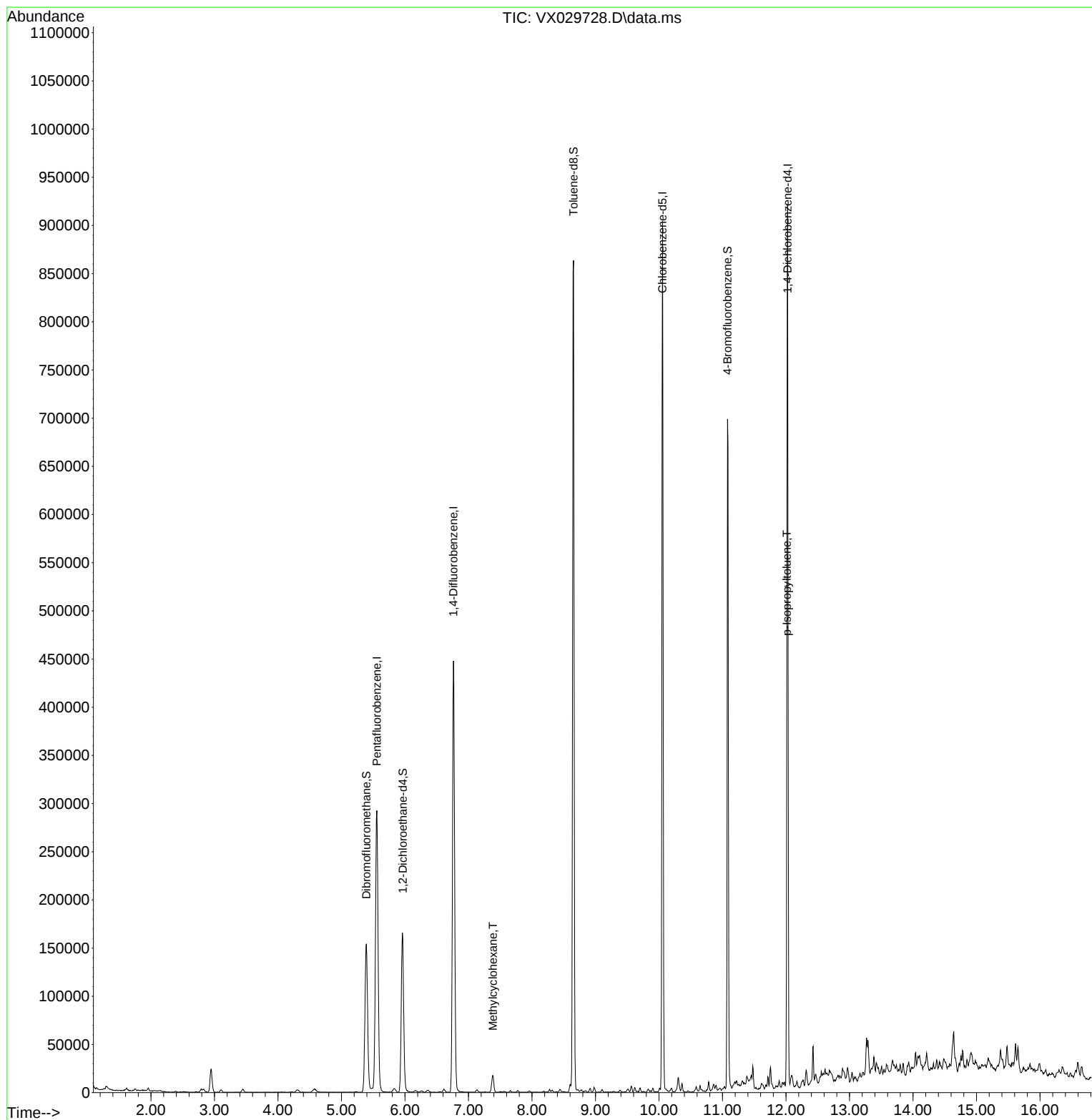
Internal Standards						
1) Pentafluorobenzene	5.556	168	288577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	485260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155321	40.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.320%		
35) Dibromofluoromethane	5.391	113	139131	43.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.000%		
50) Toluene-d8	8.653	98	538464	46.609	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.220%		
62) 4-Bromofluorobenzene	11.079	95	201425	46.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.460%		
Target Compounds						
39) Methylcyclohexane	7.385	83	8725	1.635	ug/l	92
86) p-Isopropyltoluene	12.012	119	12660	1.020	ug/l	92

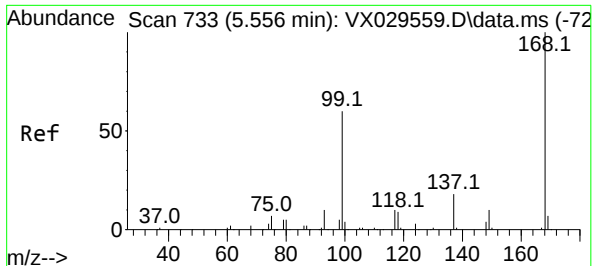
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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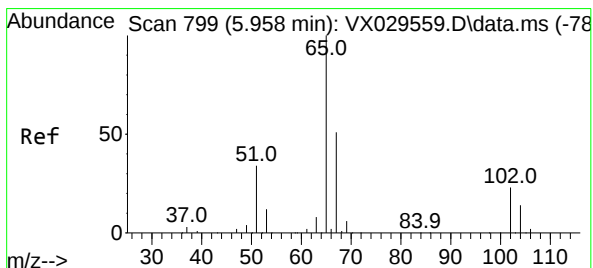
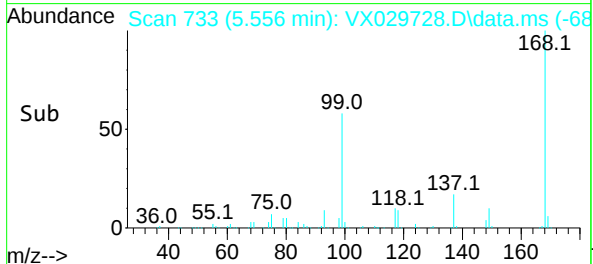
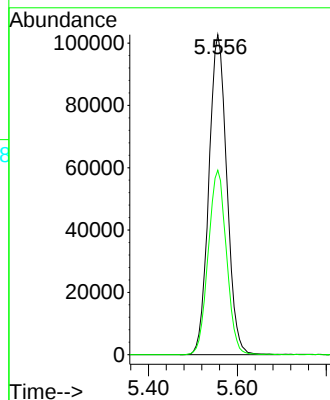
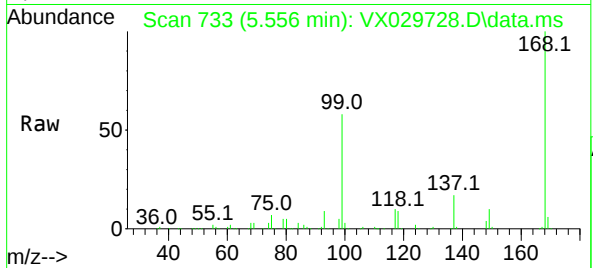




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

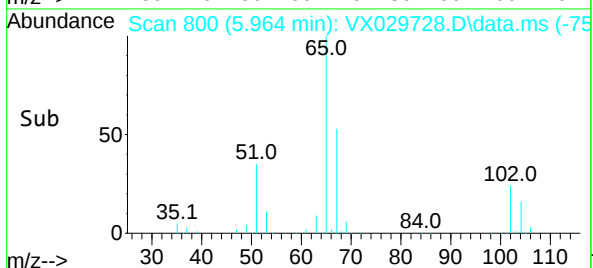
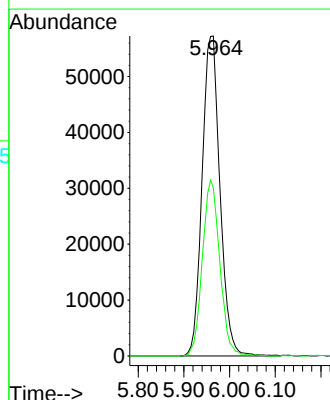
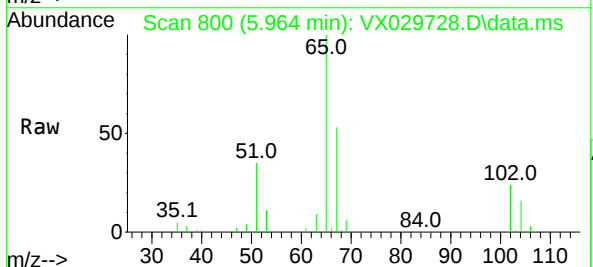
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

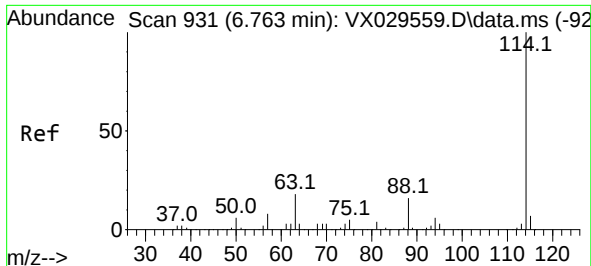
Tgt Ion:168 Resp: 288577
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 40.660 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

Tgt Ion: 65 Resp: 155321
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4

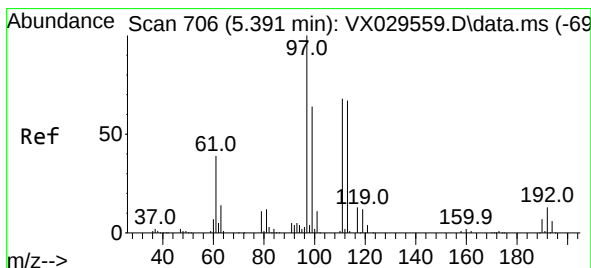
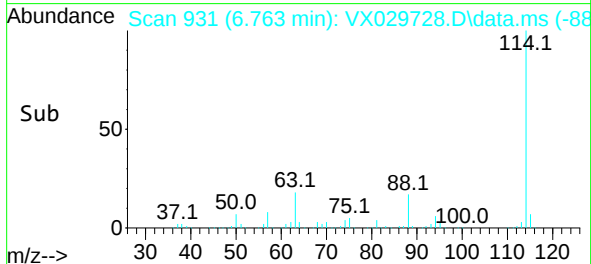
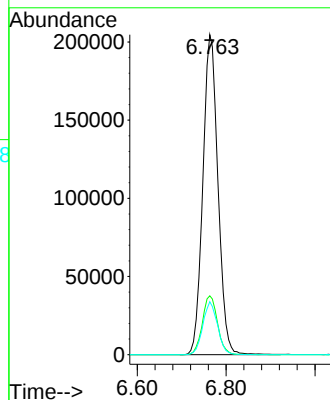
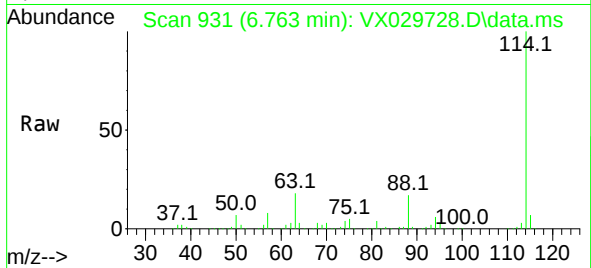




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

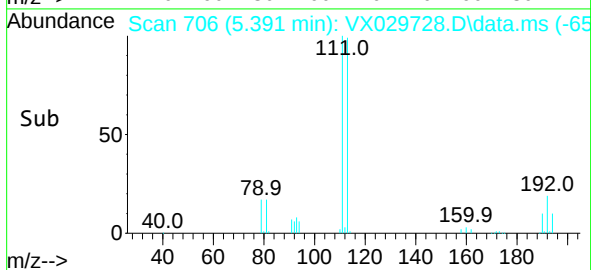
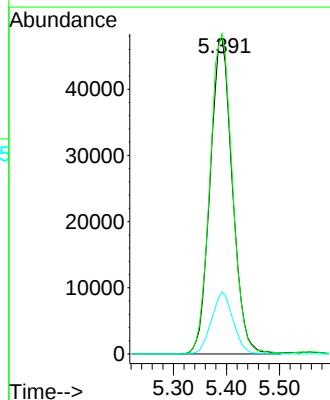
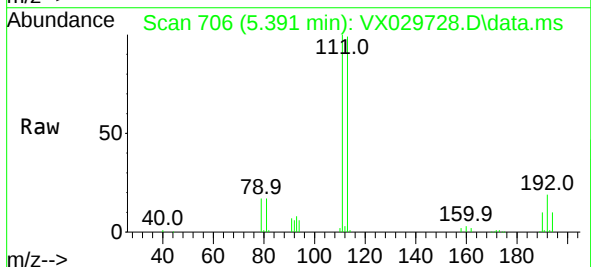
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

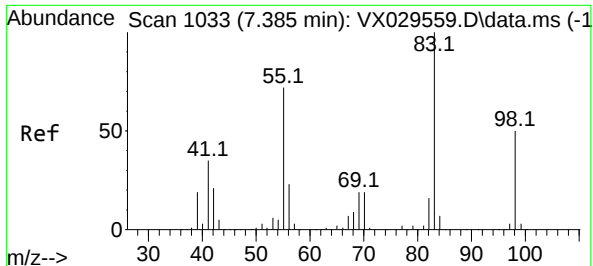
Tgt Ion:114 Resp: 485260
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.996 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

Tgt Ion:113 Resp: 139131
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.0 16.9 25.3





#39

Methylcyclohexane

Concen: 1.635 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029728.D

Acq: 23 Jun 2022 07:40

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-13-GR

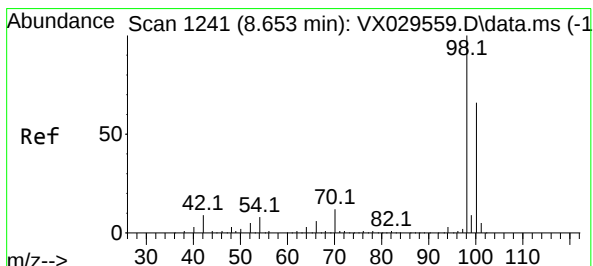
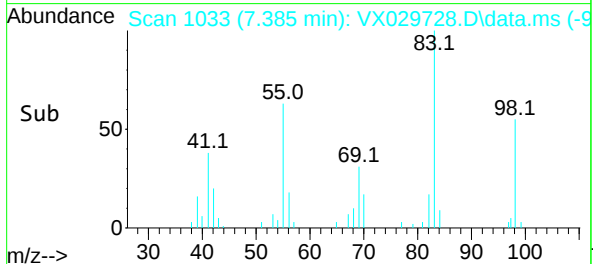
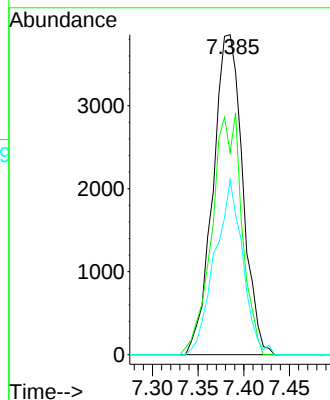
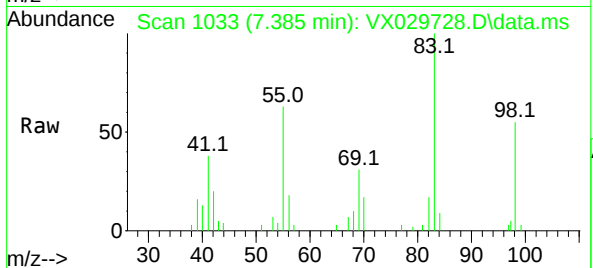
Tgt Ion: 83 Resp: 8725

Ion Ratio Lower Upper

83 100

55 63.2 54.6 81.8

98 54.6 37.4 56.2



#50

Toluene-d8

Concen: 46.609 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029728.D

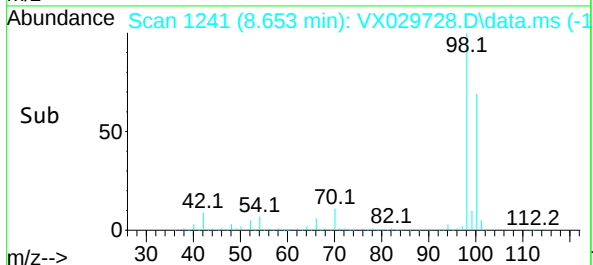
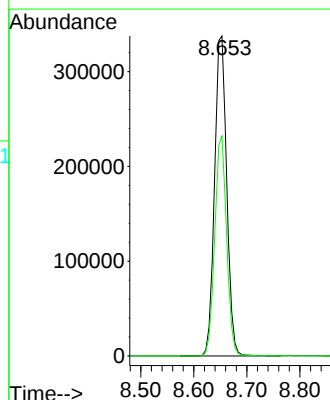
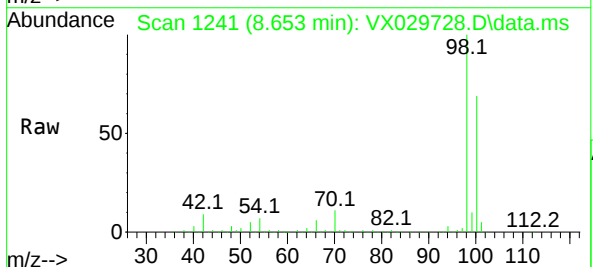
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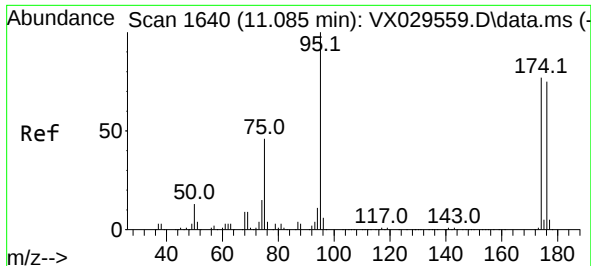
Tgt Ion: 98 Resp: 538464

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8

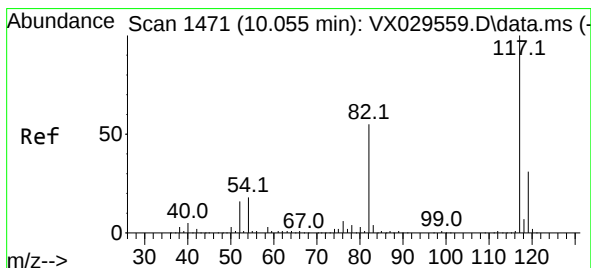
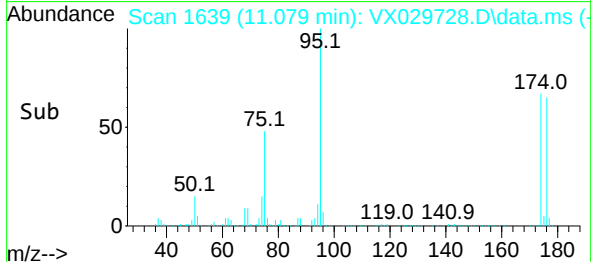
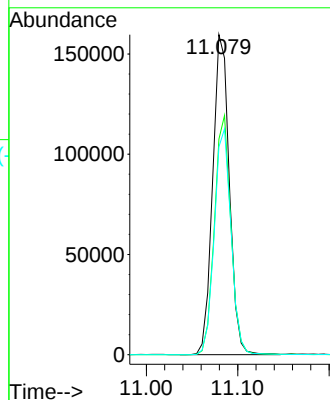
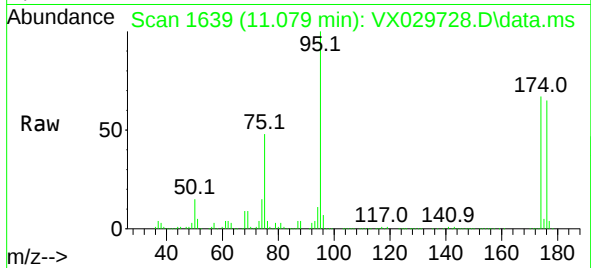




#62
4-Bromofluorobenzene
Concen: 46.234 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

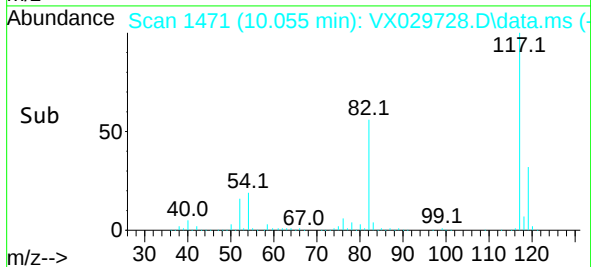
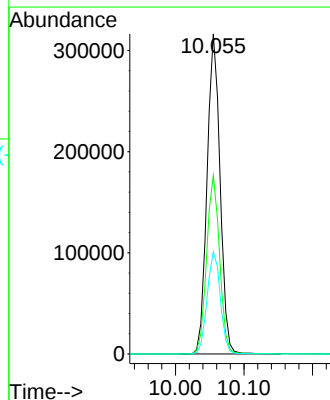
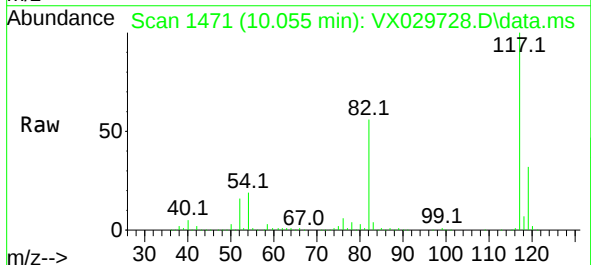
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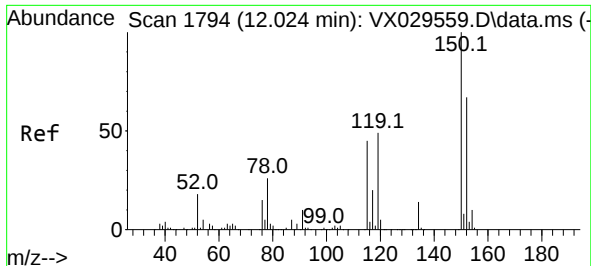
Tgt Ion: 95 Resp: 201425
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029728.D
Acq: 23 Jun 2022 07:40

Tgt Ion: 117 Resp: 418352
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.9 24.8 37.2

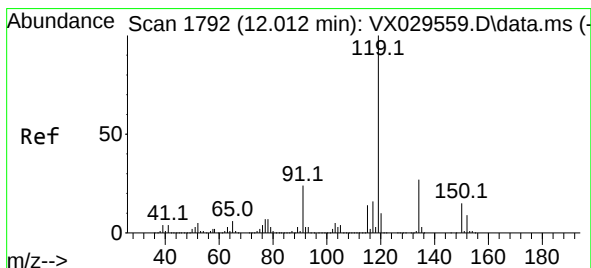
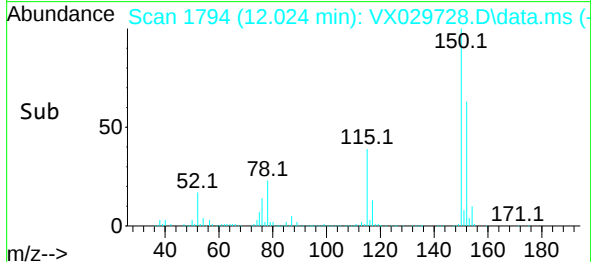
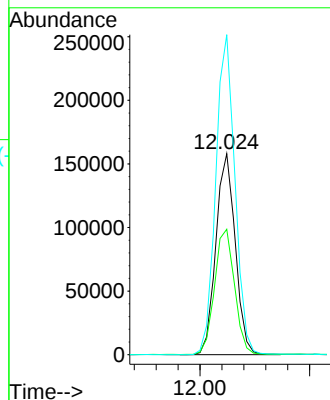
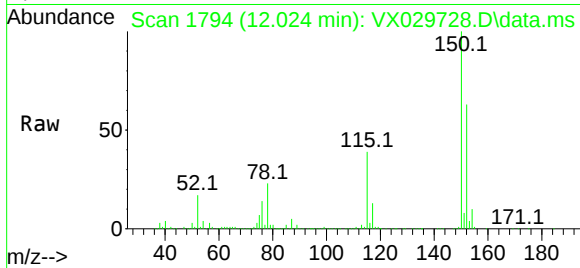




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX029728.D
 Acq: 23 Jun 2022 07:40

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-13-GR

Tgt Ion:152 Resp: 194283
 Ion Ratio Lower Upper
 152 100
 115 64.3 37.5 112.7
 150 158.1 0.0 338.2



#86
 p-Isopropyltoluene
 Concen: 1.020 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029728.D
 Acq: 23 Jun 2022 07:40

Tgt Ion:119 Resp: 12660
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.0 39.0
 91 27.9 11.3 33.9

