

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032870.D
 Acq On : 16 Nov 2022 16:01
 Operator : JC/MD
 Sample : N5614-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Nov 17 05:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

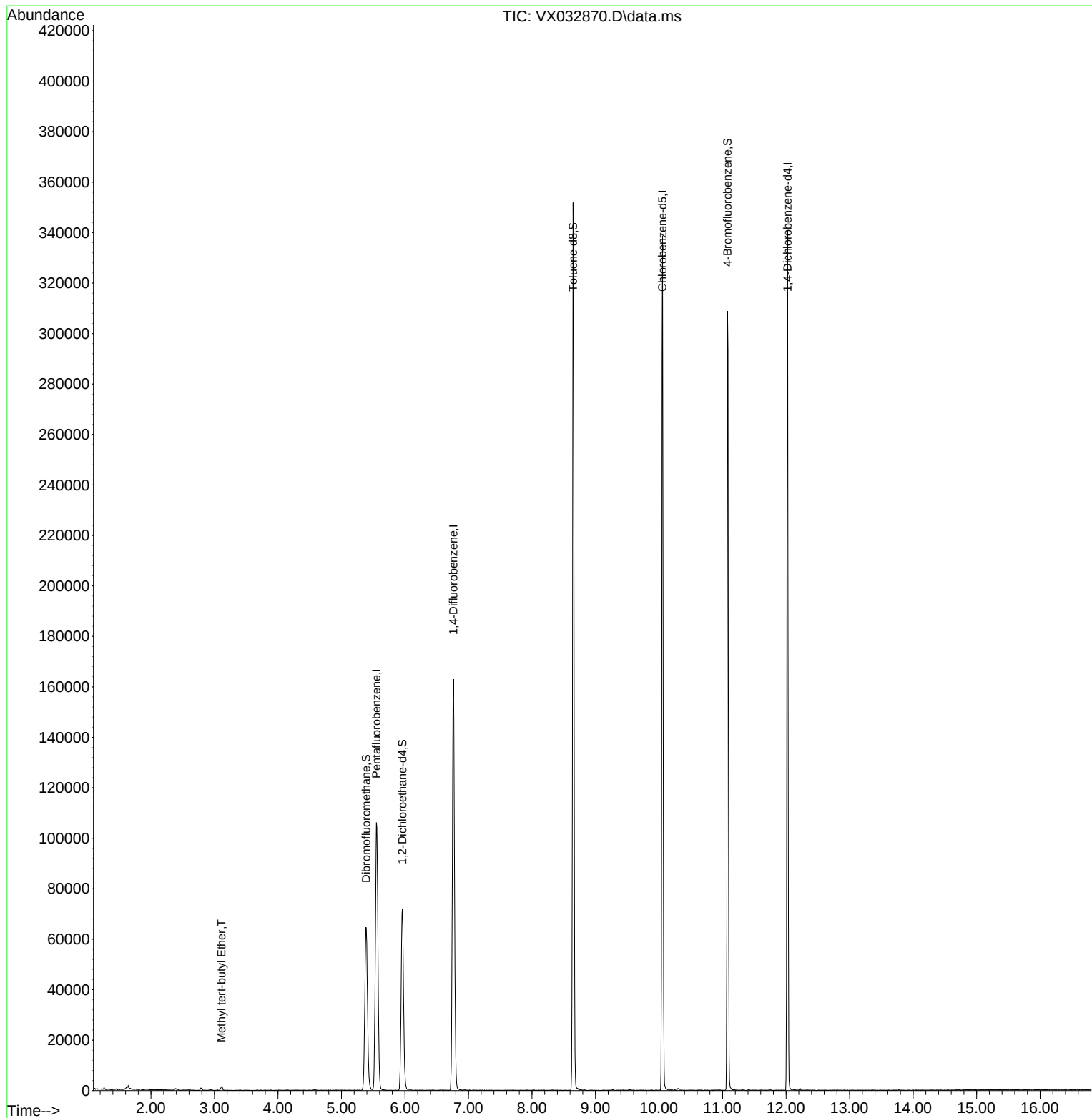
Internal Standards						
1) Pentafluorobenzene	5.550	168	101549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71575	50.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.460%
35) Dibromofluoromethane	5.385	113	55819	46.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.647	98	207358	50.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	78191	48.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.720%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	1757	0.491	ug/l	Qvalue # 82

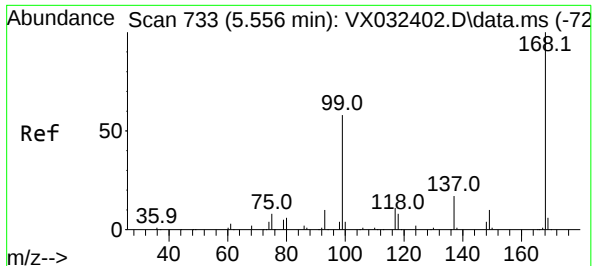
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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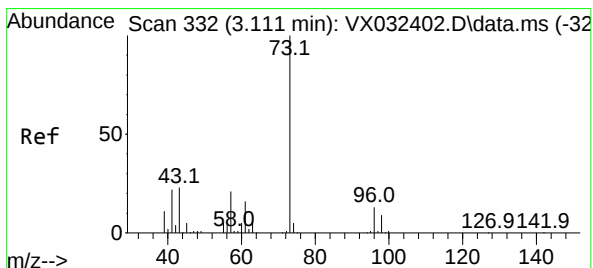
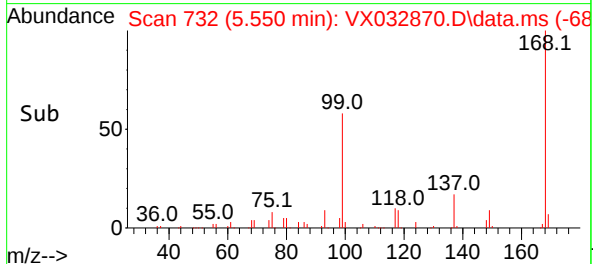
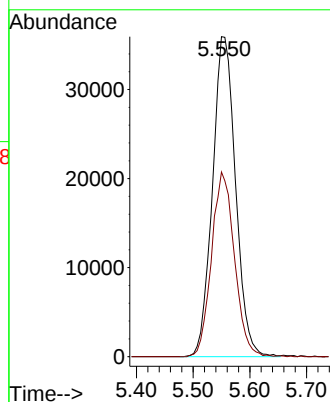
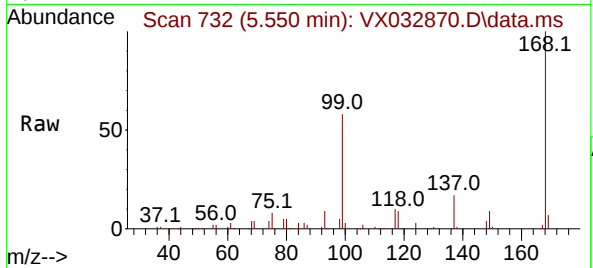




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

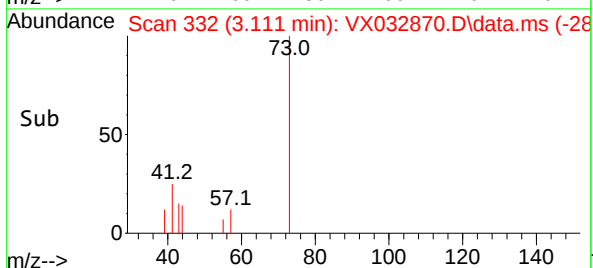
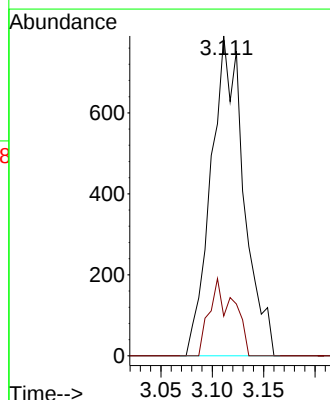
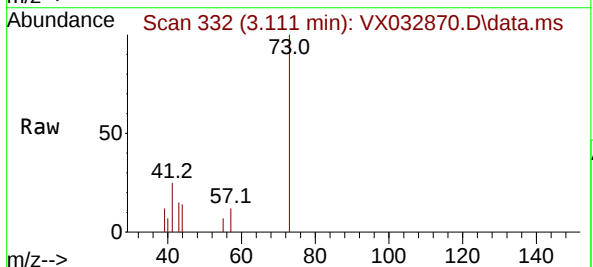
Instrument :
MSVOA_X
ClientSampleId :
SW-1

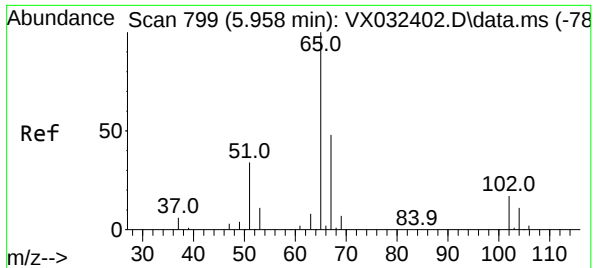
Tgt Ion:168 Resp: 101549
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.491 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 73 Resp: 1757
Ion Ratio Lower Upper
73 100
57 12.4 16.6 25.0#





#33

1,2-Dichloroethane-d4

Concen: 50.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

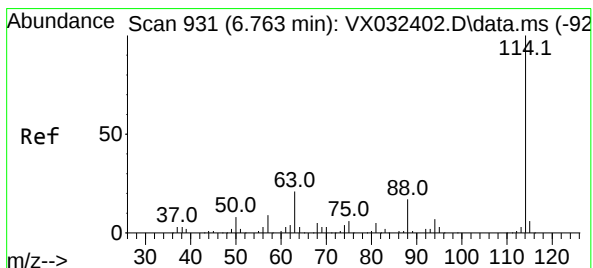
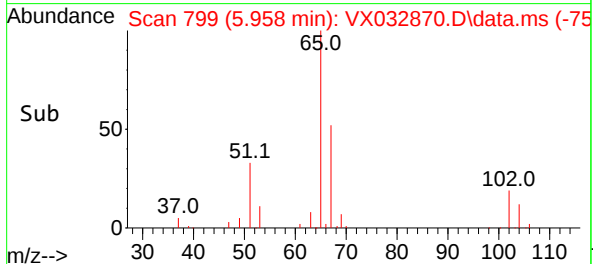
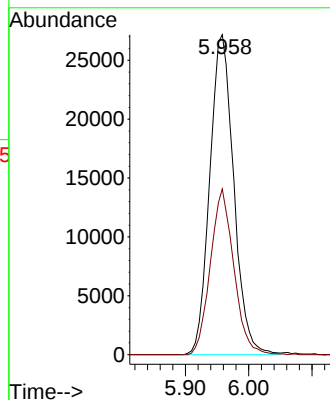
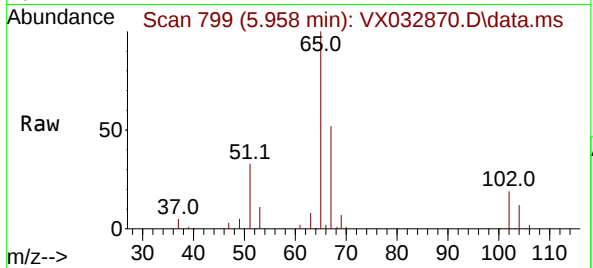
SW-1

Tgt Ion: 65 Resp: 71575

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

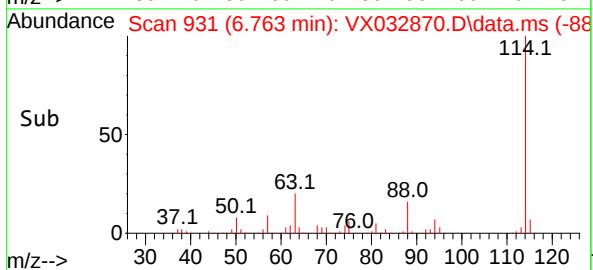
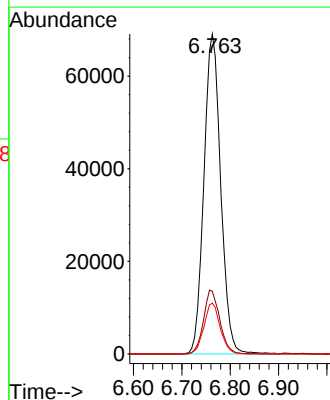
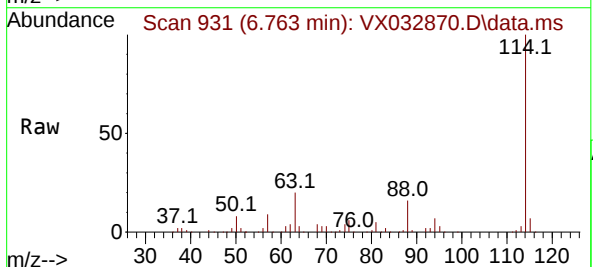
Tgt Ion: 114 Resp: 166873

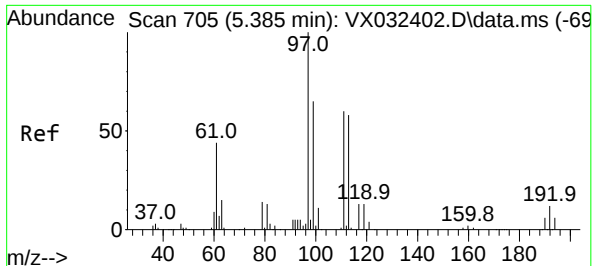
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.9 0.0 33.4

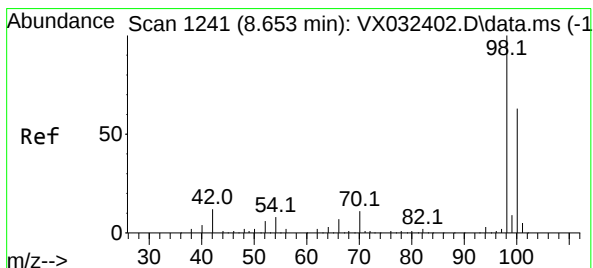
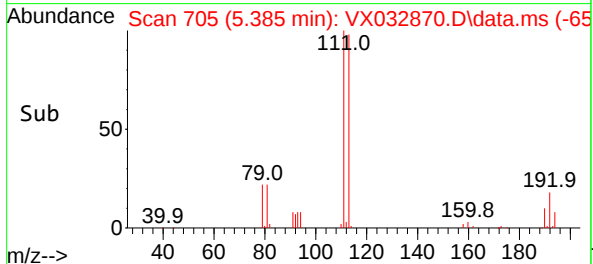
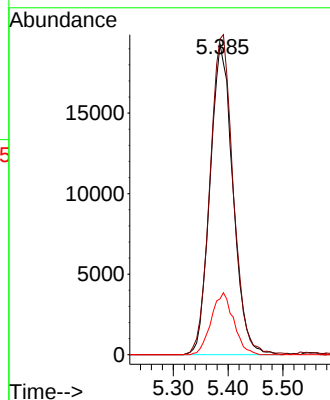
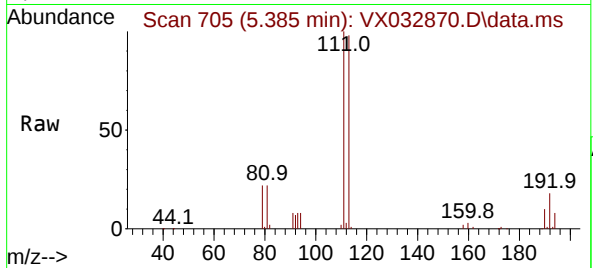




#35
Dibromofluoromethane
Concen: 46.894 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

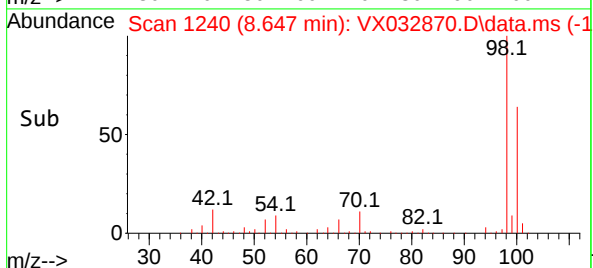
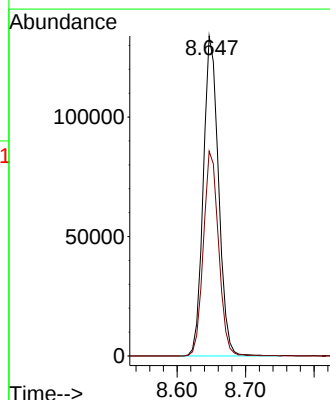
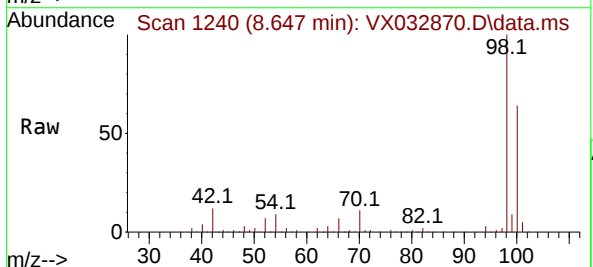
Instrument :
MSVOA_X
ClientSampleId :
SW-1

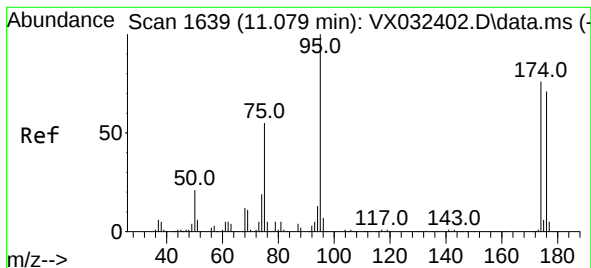
Tgt Ion:113 Resp: 55819
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 19.6 15.4 23.2



#50
Toluene-d8
Concen: 50.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 98 Resp: 207358
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

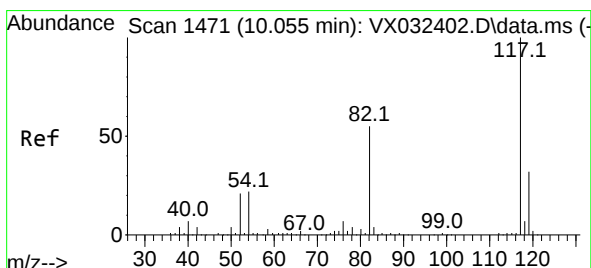
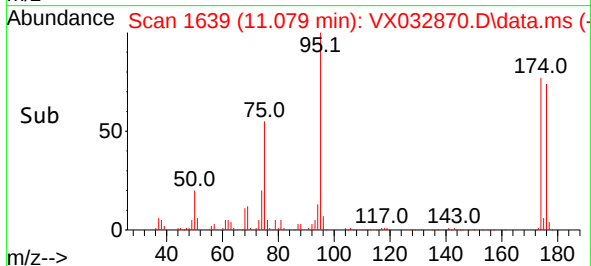
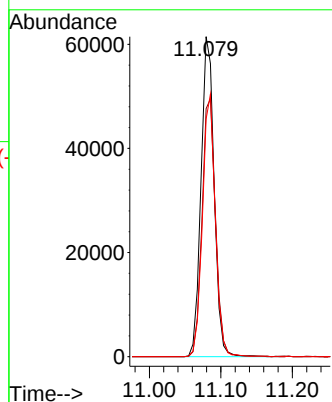
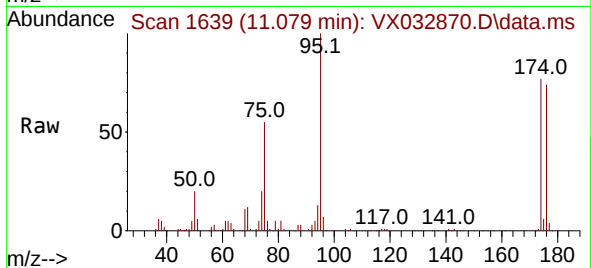




#62
4-Bromofluorobenzene
Concen: 48.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

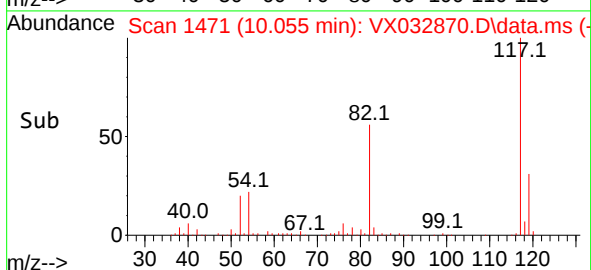
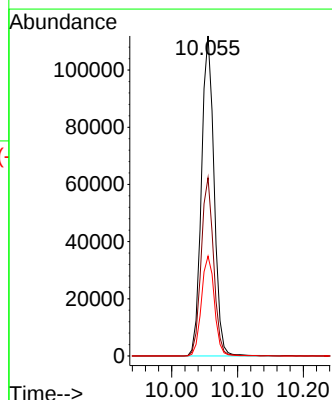
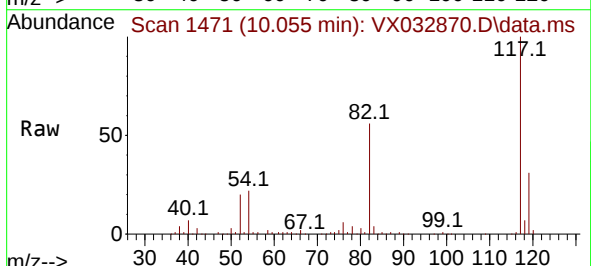
Instrument :
MSVOA_X
ClientSampleId :
SW-1

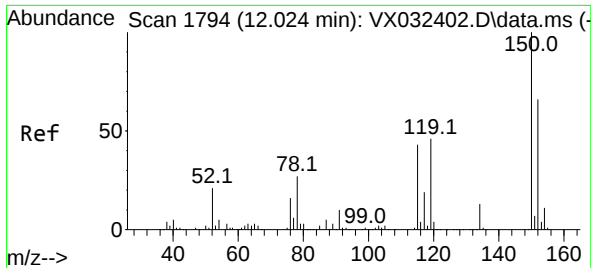
Tgt Ion: 95 Resp: 78191
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

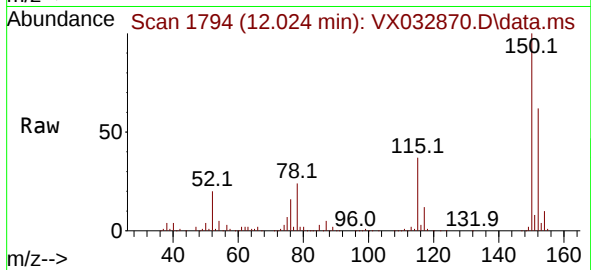
Tgt Ion: 117 Resp: 149549
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032870.D
 Acq: 16 Nov 2022 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1



Tgt Ion:152 Resp: 68029
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 157.8 0.0 351.8

