

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032850.D
 Acq On : 16 Nov 2022 06:57
 Operator : JC/MD
 Sample : N5640-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-5

Quant Time: Nov 16 08:07:59 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)

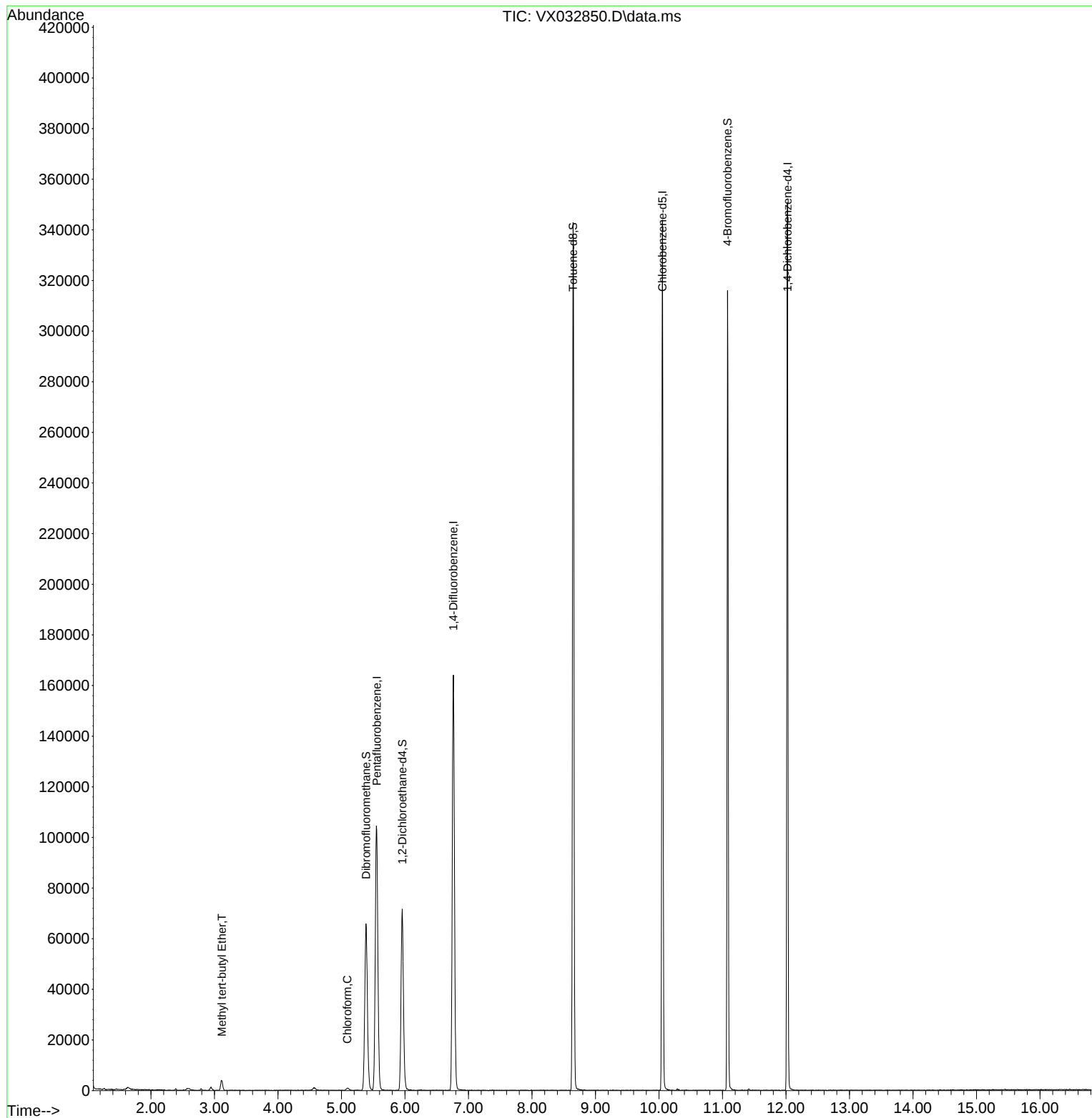
Internal Standards						
1) Pentafluorobenzene	5.556	168	100113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70752	50.862	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.720%
35) Dibromofluoromethane	5.385	113	56612	47.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	207628	49.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.079	95	78674	48.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	4581	1.298	ug/l	91
30) Chloroform	5.093	83	1210	0.554	ug/l	95

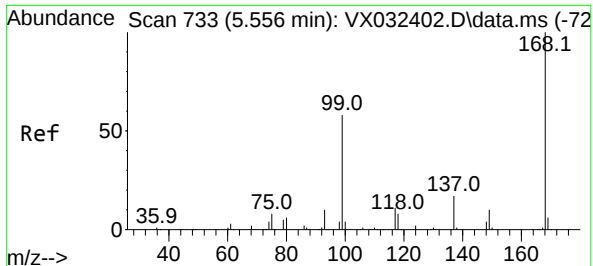
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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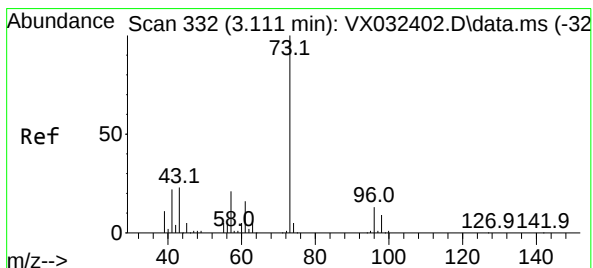
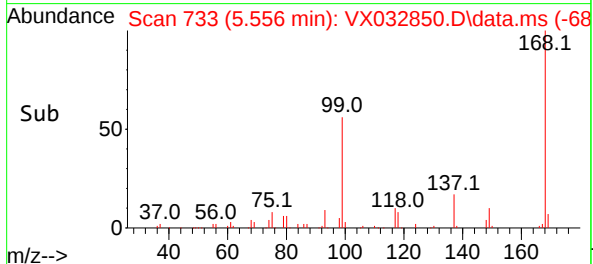
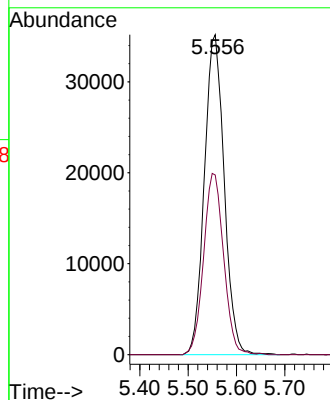
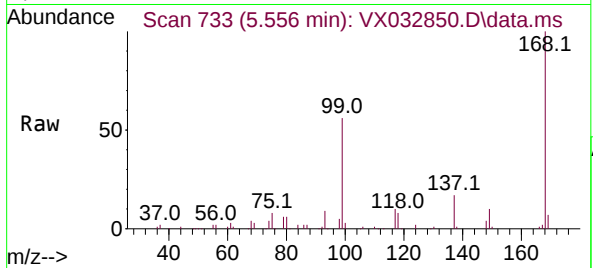




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

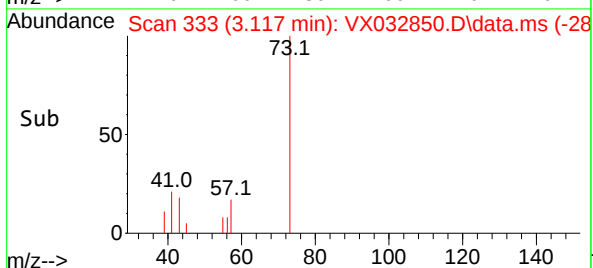
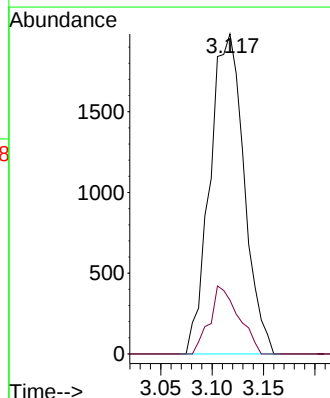
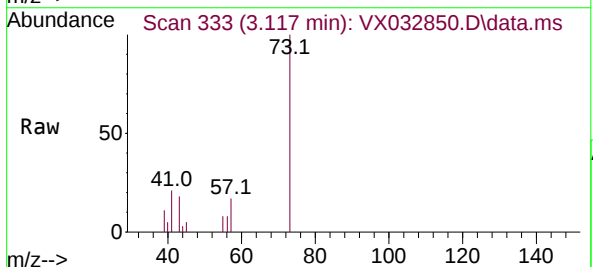
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

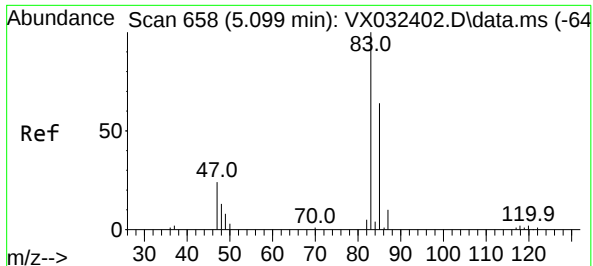
Tgt Ion:168 Resp: 100113
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 1.298 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 73 Resp: 4581
Ion Ratio Lower Upper
73 100
57 16.8 16.6 25.0





#30

Chloroform

Concen: 0.554 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032850.D

Acq: 16 Nov 2022 06:57

Instrument :

MSVOA_X

ClientSampleId :

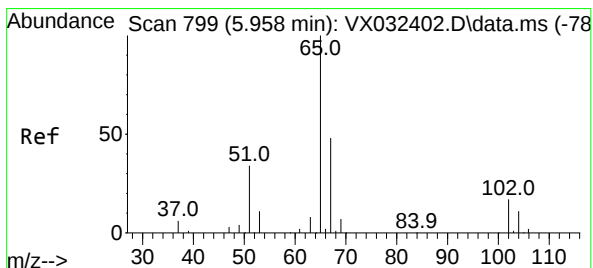
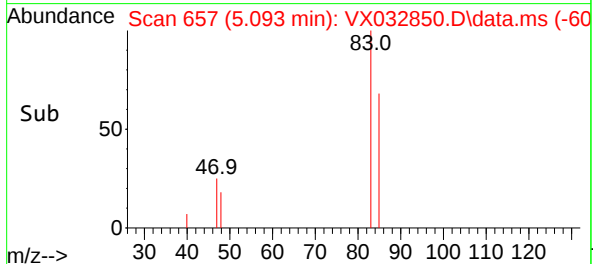
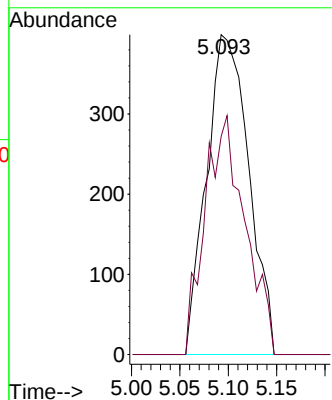
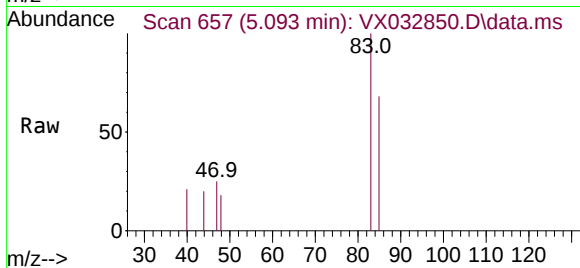
PZ-5

Tgt Ion: 83 Resp: 1210

Ion Ratio Lower Upper

83 100

85 68.2 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 50.862 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032850.D

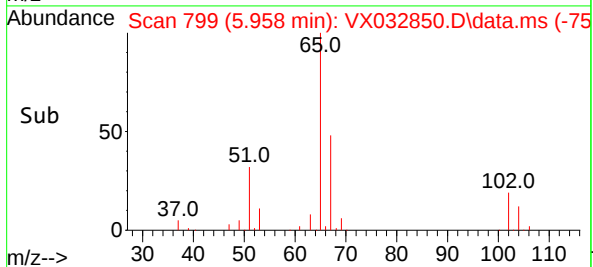
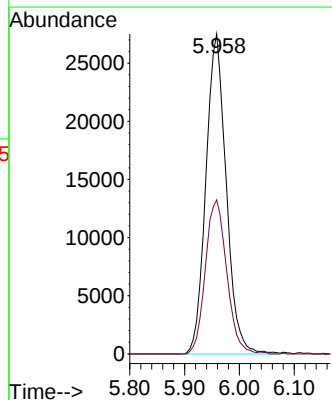
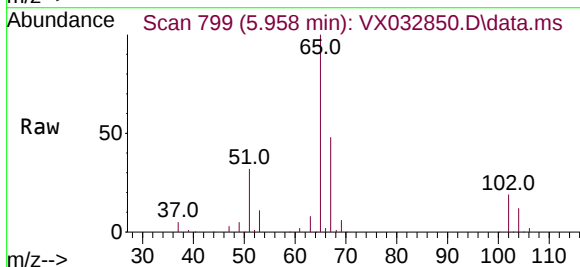
Acq: 16 Nov 2022 06:57

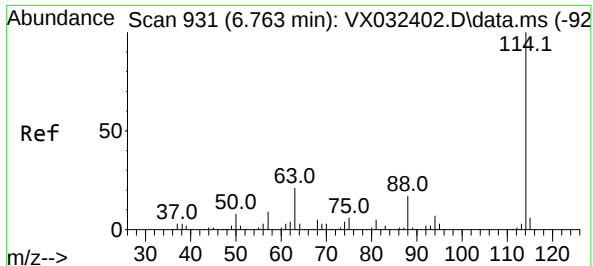
Tgt Ion: 65 Resp: 70752

Ion Ratio Lower Upper

65 100

67 50.5 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: VX032850.D

Acq: 16 Nov 2022 06:57

Instrument :

MSVOA_X

ClientSampleId :

PZ-5

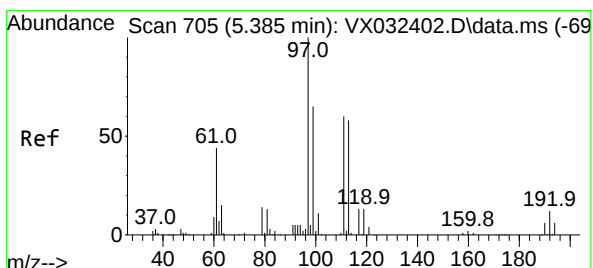
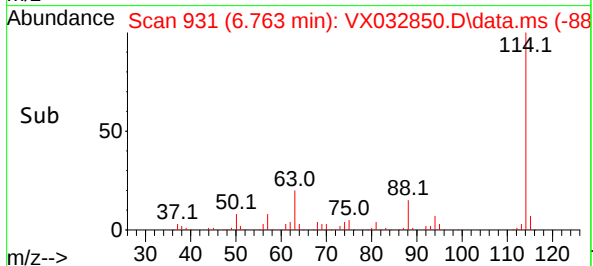
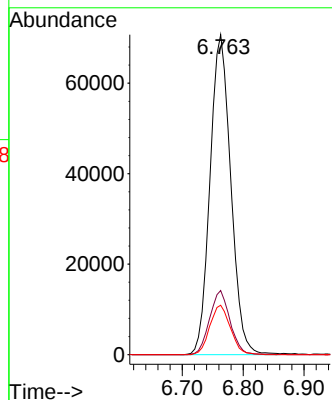
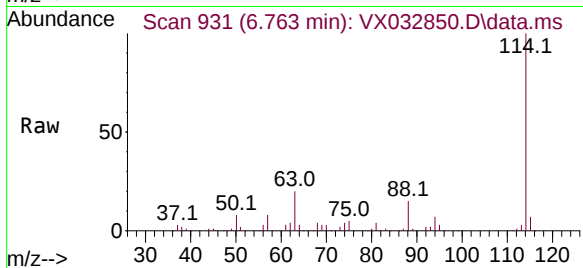
Tgt Ion:114 Resp: 167567

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.363 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032850.D

Acq: 16 Nov 2022 06:57

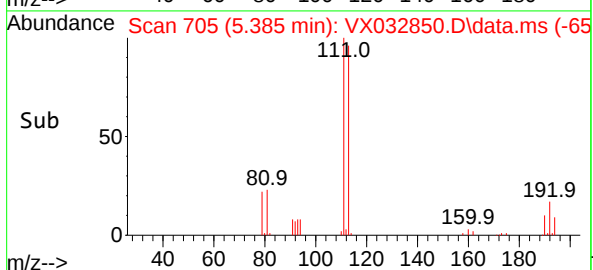
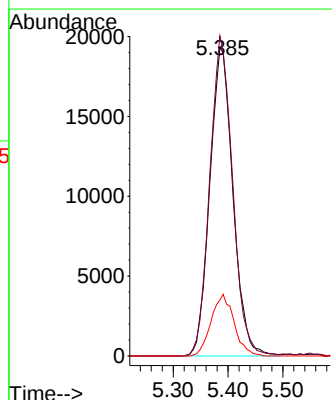
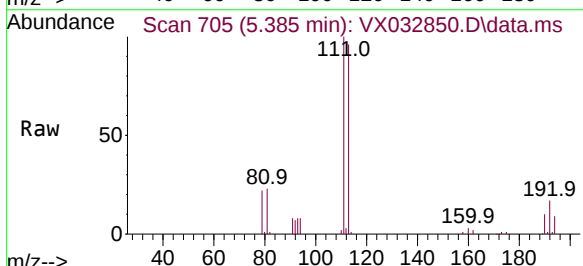
Tgt Ion:113 Resp: 56612

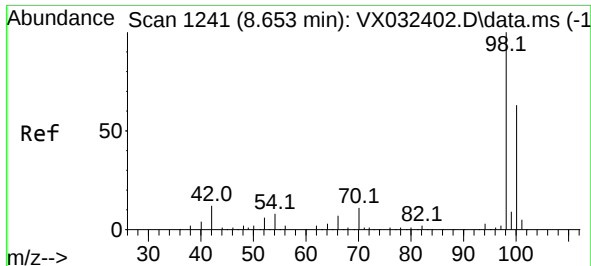
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.8 15.4 23.2

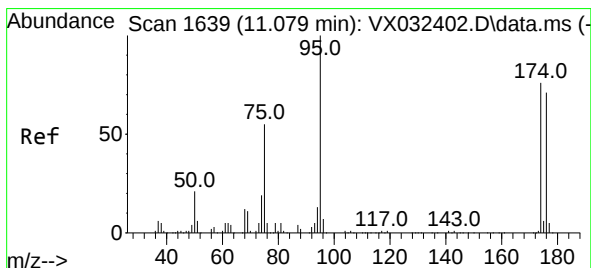
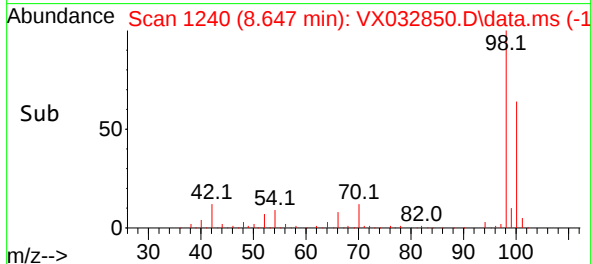
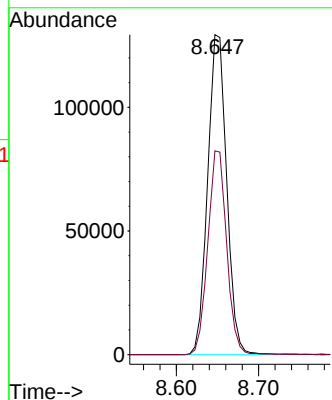
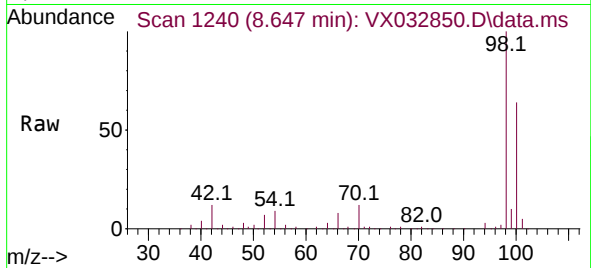




#50
Toluene-d8
Concen: 49.956 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

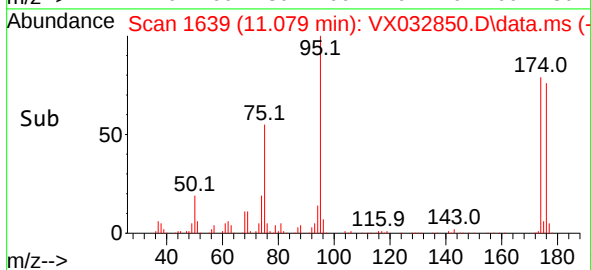
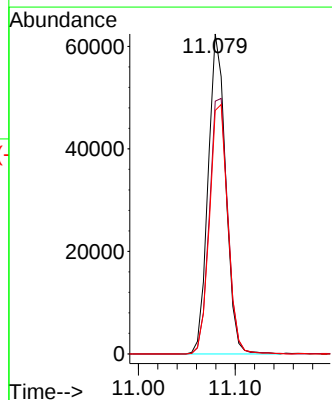
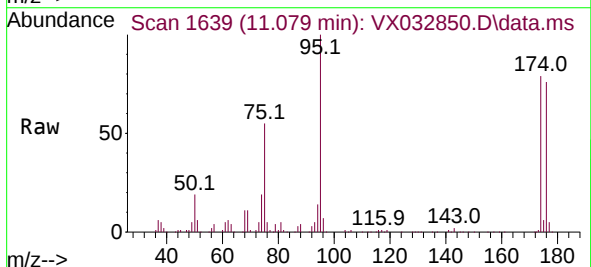
Instrument :
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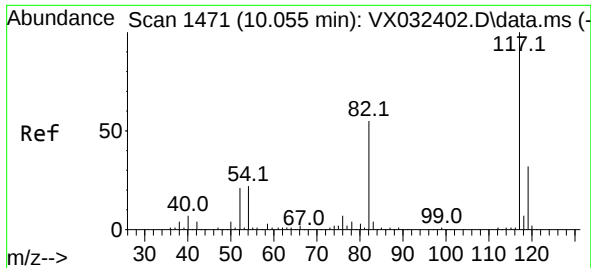
Tgt Ion: 98 Resp: 207628
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 95 Resp: 78674
Ion Ratio Lower Upper
95 100
174 83.9 0.0 164.0
176 81.4 0.0 154.4

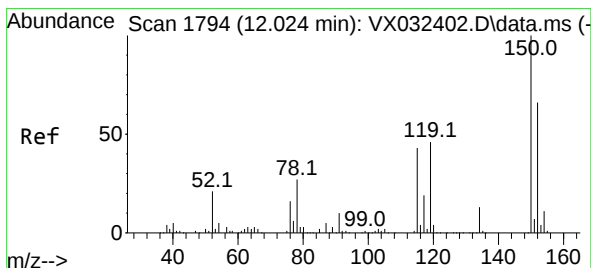
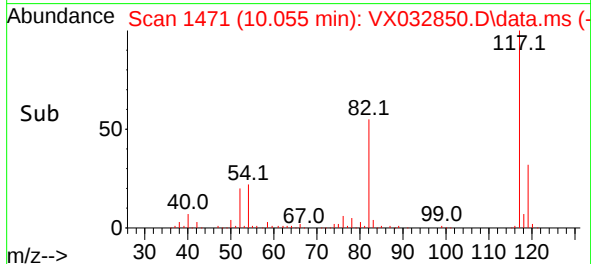
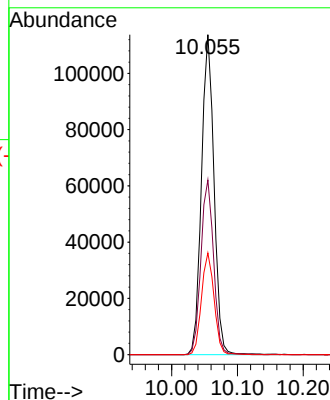
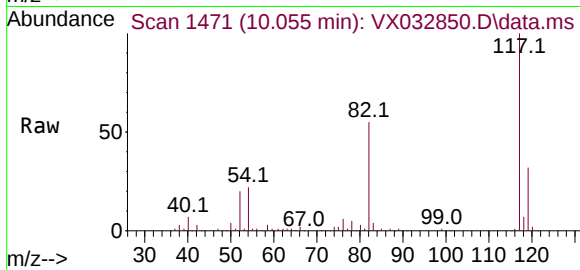




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:117 Resp: 150649
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion:152 Resp: 72269
Ion Ratio Lower Upper
152 100
115 58.9 44.0 132.0
150 155.8 0.0 351.8

