

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025327.D
 Acq On : 24 Nov 2021 15:25
 Operator : JC/MD
 Sample : M4775-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10D-20211118RE

Quant Time: Nov 26 10:35:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

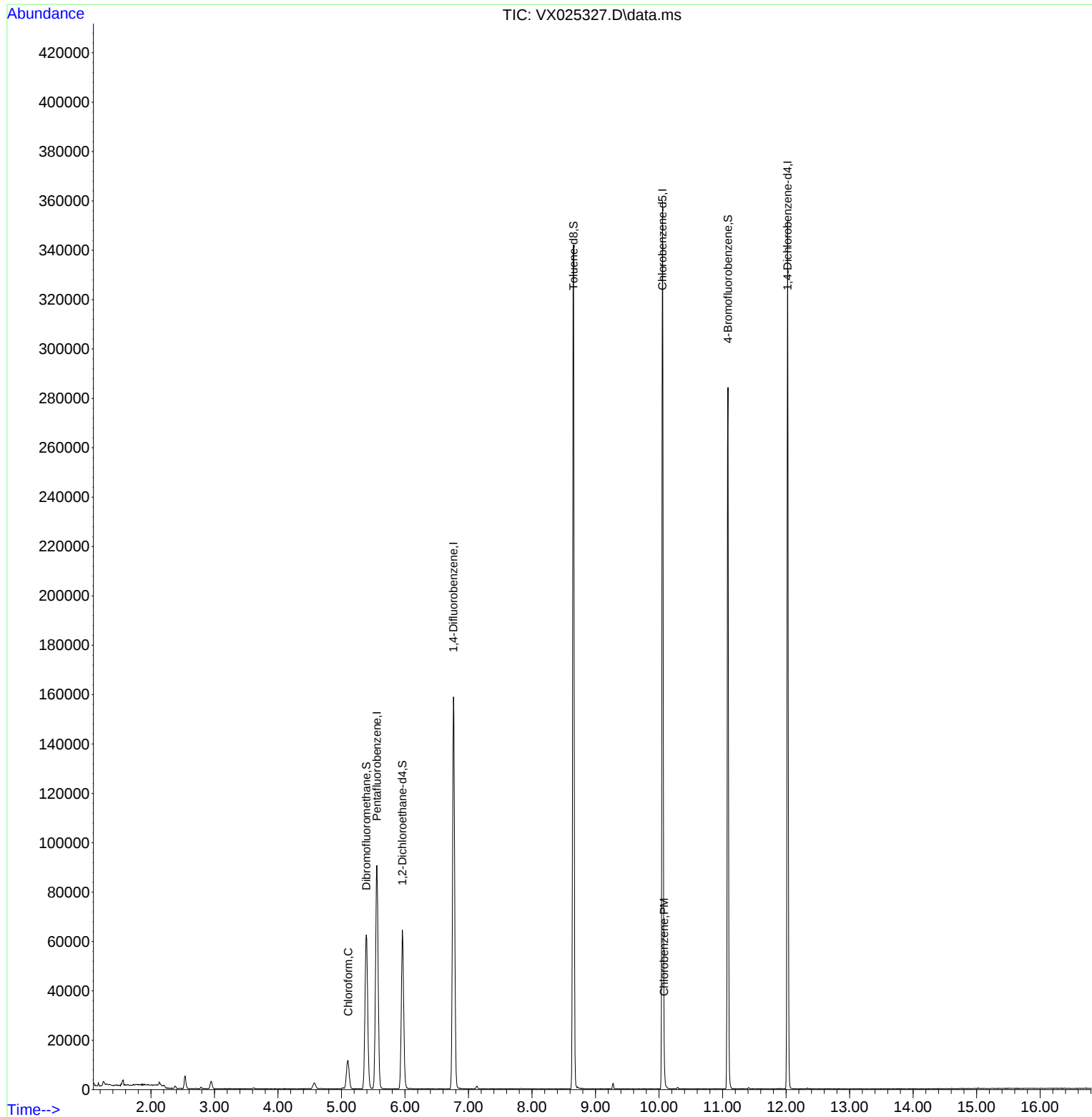
Internal Standards						
1) Pentafluorobenzene	5.556	168	92924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58128	59.346	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 118.700%#		
35) Dibromofluoromethane	5.391	113	55285	53.151	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.300%		
50) Toluene-d8	8.653	98	202907	51.883	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.760%		
62) 4-Bromofluorobenzene	11.085	95	76377	51.623	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.240%		
Target Compounds						Qvalue
30) Chloroform	5.105	83	14387	8.523	ug/l	97
65) Chlorobenzene	10.079	112	3313	0.978	ug/l	99

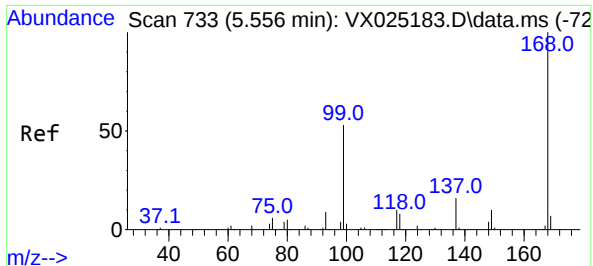
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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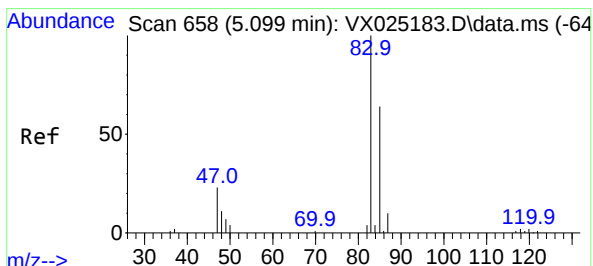
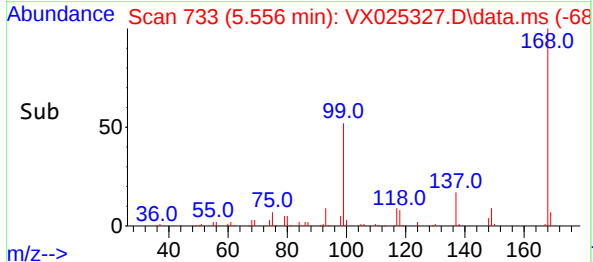
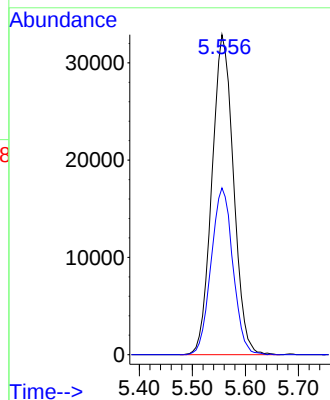
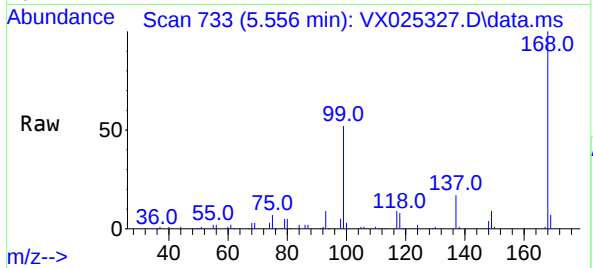




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

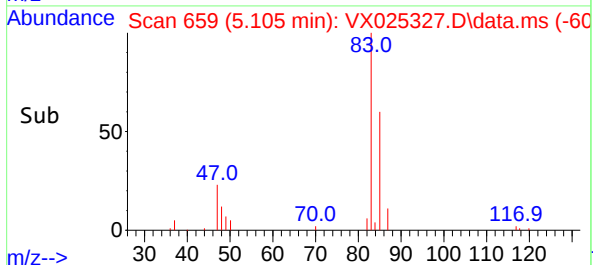
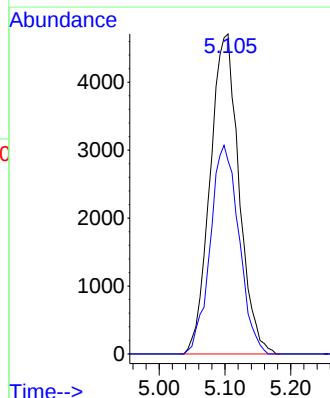
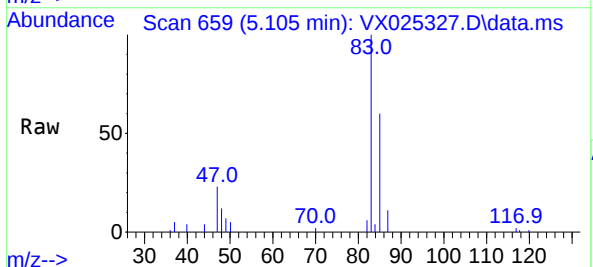
Instrument :
MSVOA_X
ClientSampleId :
PK-10D-20211118RE

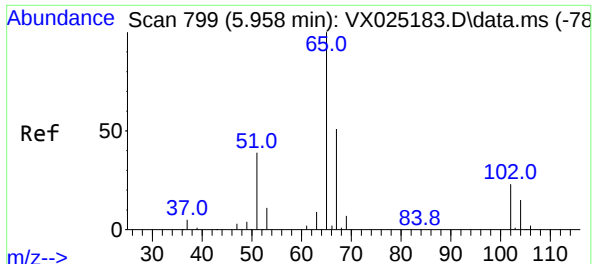
Tgt Ion:168 Resp: 92924
Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6



#30
Chloroform
Concen: 8.523 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

Tgt Ion: 83 Resp: 14387
Ion Ratio Lower Upper
83 100
85 60.4 50.2 75.2

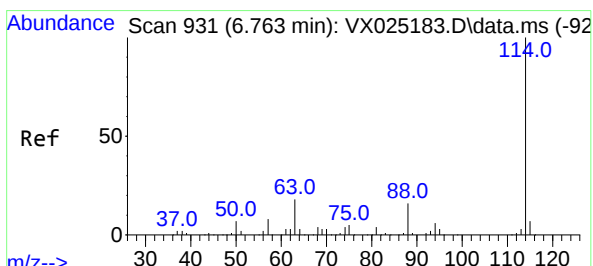
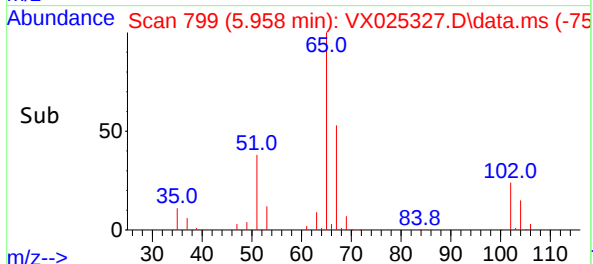
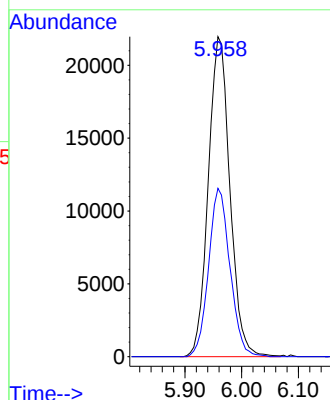
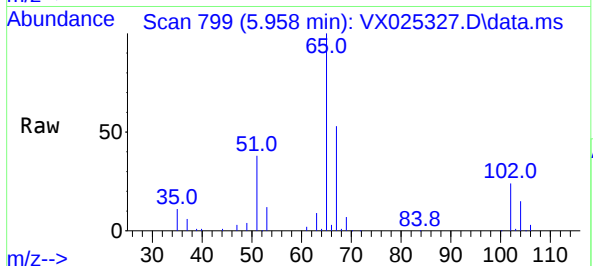




#33
 1,2-Dichloroethane-d4
 Concen: 59.346 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025327.D
 Acq: 24 Nov 2021 15:25

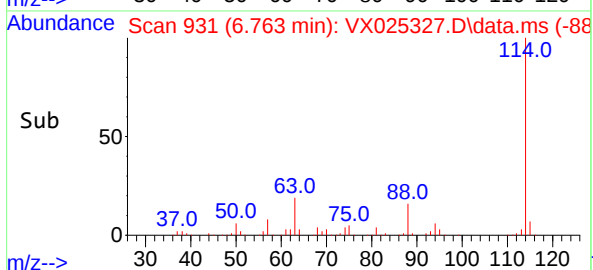
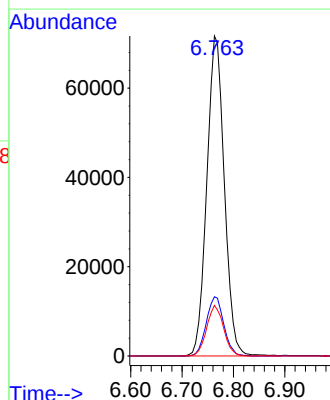
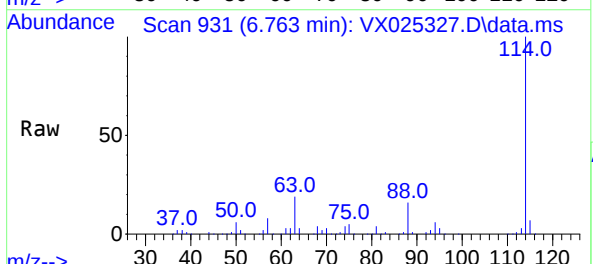
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10D-20211118RE

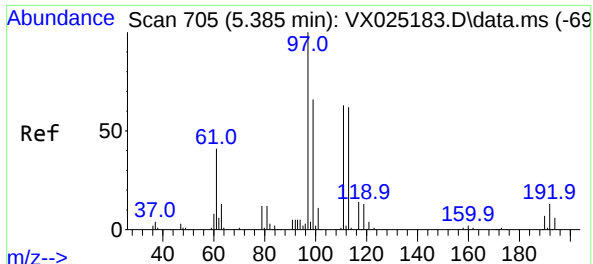
Tgt Ion: 65 Resp: 58128
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025327.D
 Acq: 24 Nov 2021 15:25

Tgt Ion: 114 Resp: 169526
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.0
 88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.151 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025327.D

Acq: 24 Nov 2021 15:25

Instrument :

MSVOA_X

ClientSampleId :

PK-10D-20211118RE

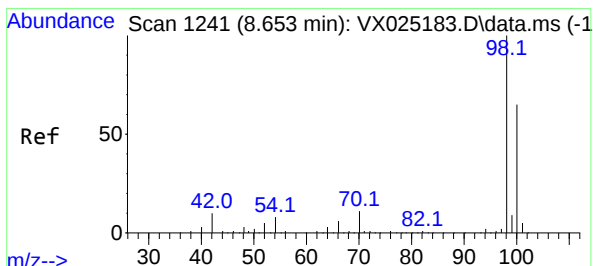
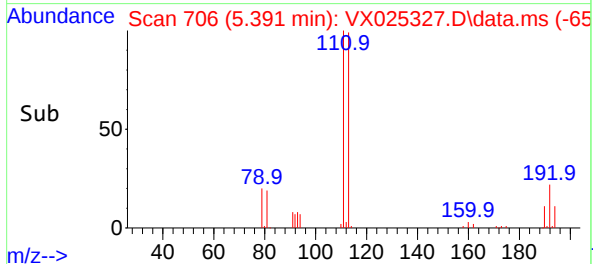
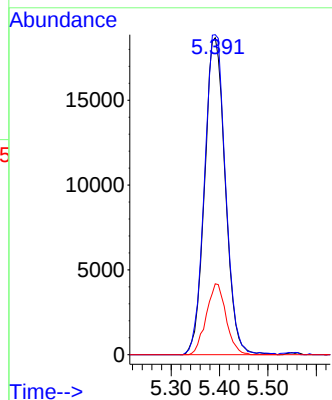
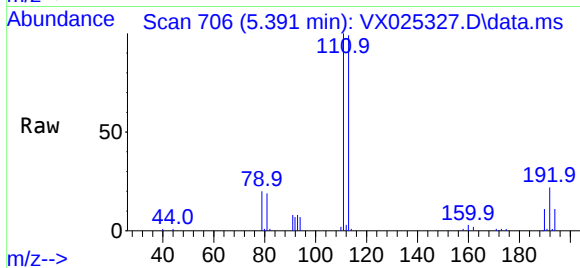
Tgt Ion:113 Resp: 55285

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 21.5 15.6 23.4



#50

Toluene-d8

Concen: 51.883 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025327.D

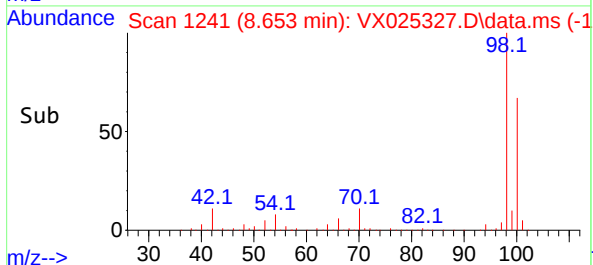
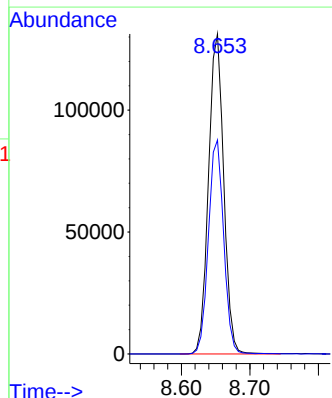
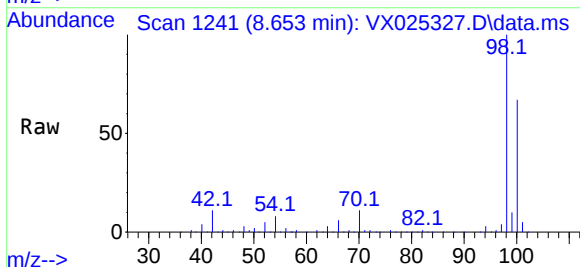
Acq: 24 Nov 2021 15:25

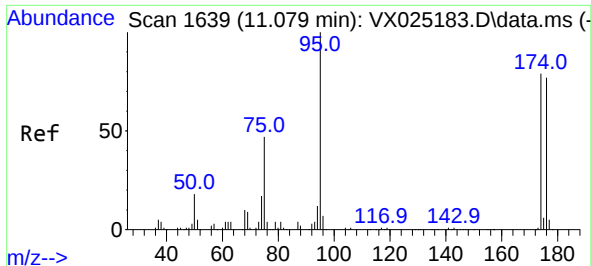
Tgt Ion: 98 Resp: 202907

Ion Ratio Lower Upper

98 100

100 67.0 51.4 77.0

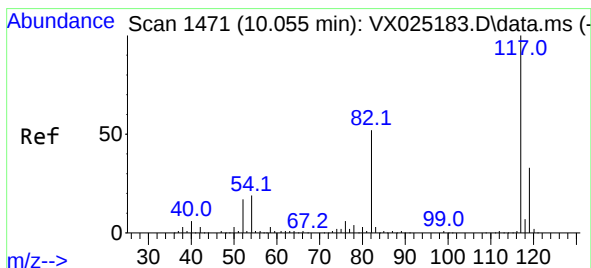
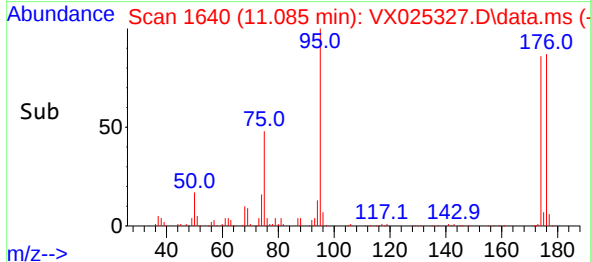
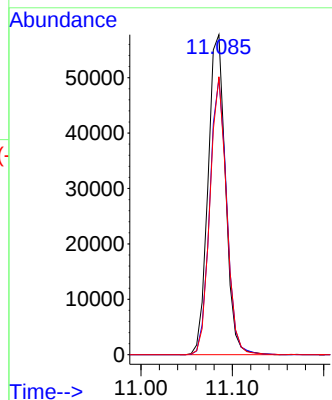
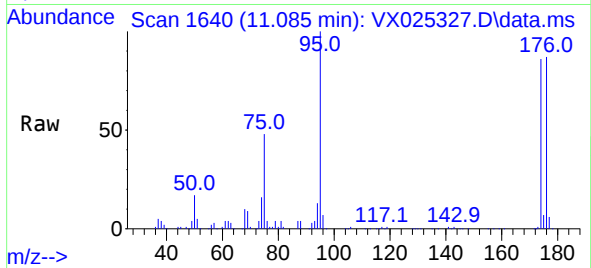




#62
4-Bromofluorobenzene
Concen: 51.623 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

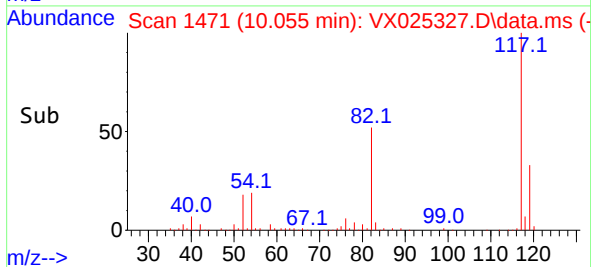
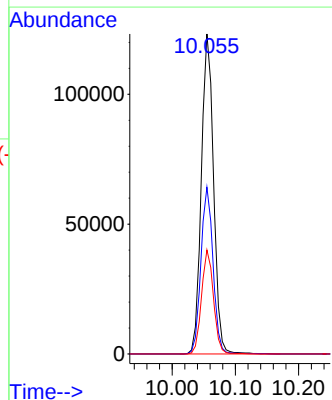
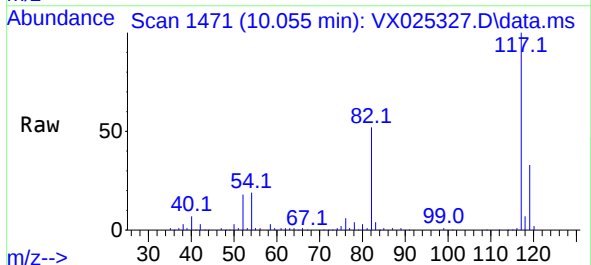
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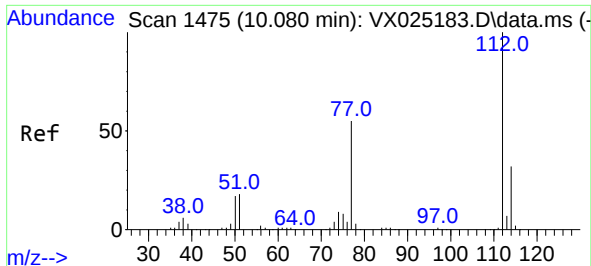
Tgt Ion: 95 Resp: 76377
Ion Ratio Lower Upper
95 100
174 84.1 0.0 158.0
176 82.8 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

Tgt Ion: 117 Resp: 166288
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 32.5 24.8 37.2

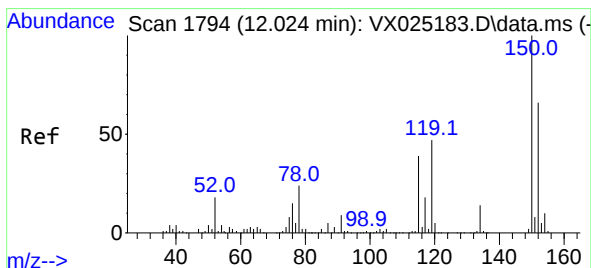
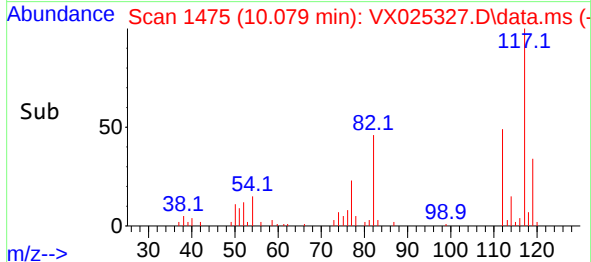
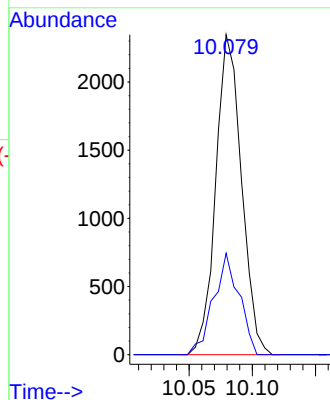
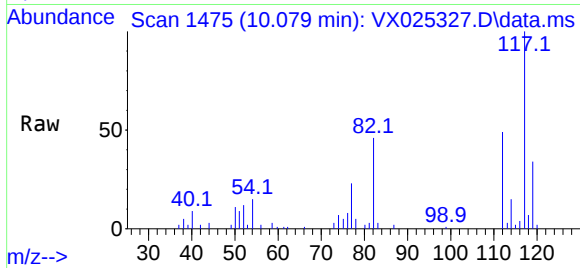




#65
Chlorobenzene
Concen: 0.978 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

Instrument :
MSVOA_X
ClientSampleId :
PK-10D-20211118RE

Tgt Ion:112 Resp: 3313
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025327.D
Acq: 24 Nov 2021 15:25

Tgt Ion:152 Resp: 73585
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 156.2 0.0 351.2

