

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025320.D
 Acq On : 24 Nov 2021 12:42
 Operator : JC/MD
 Sample : M4775-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S-20211118

Quant Time: Nov 26 10:32:41 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	5.550	168	103179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63516	58.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.800%
35) Dibromofluoromethane	5.385	113	61433	52.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.800%
50) Toluene-d8	8.647	98	223790	51.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.079	95	84973	51.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%

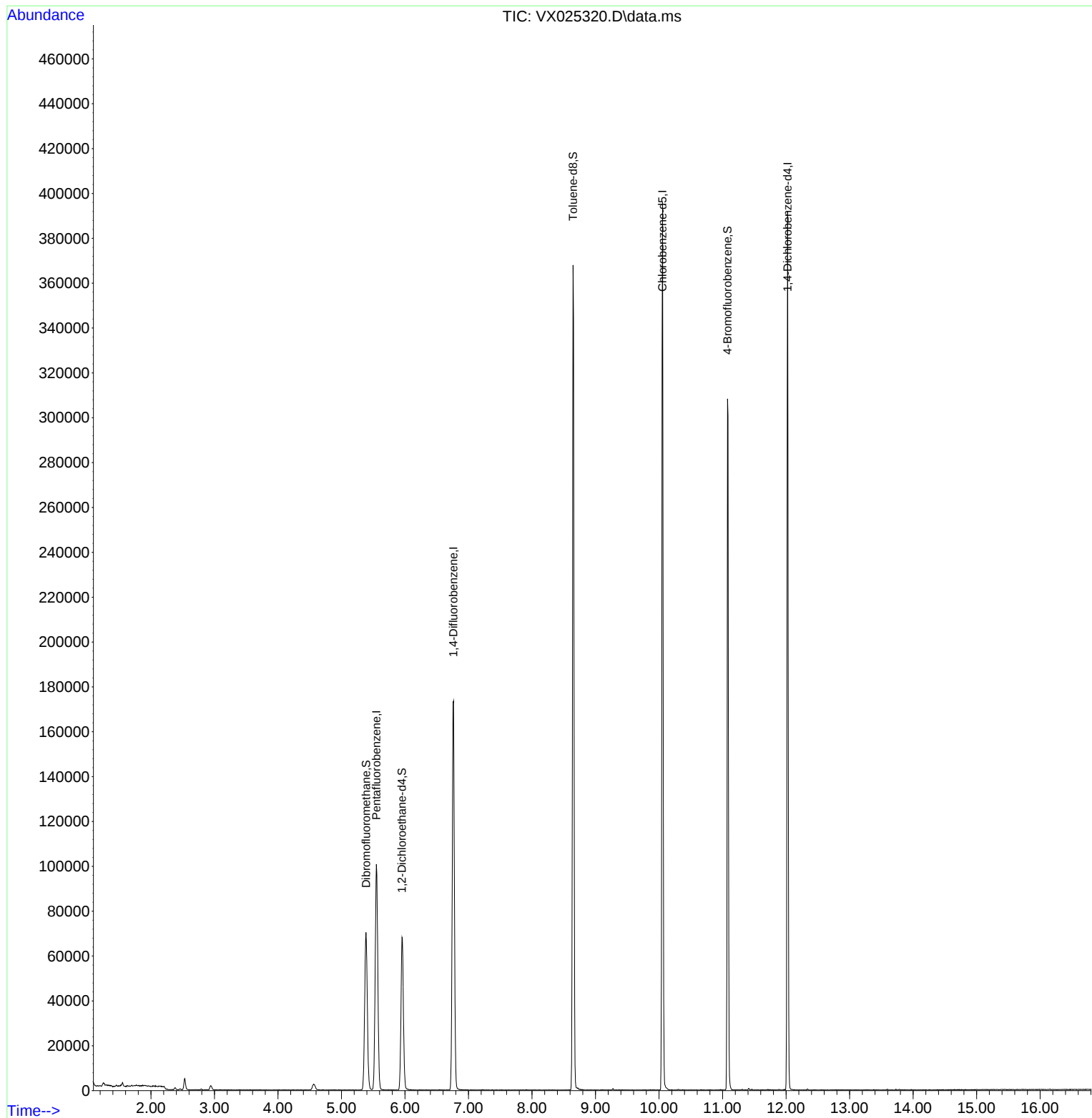
Target Compounds	Qvalue

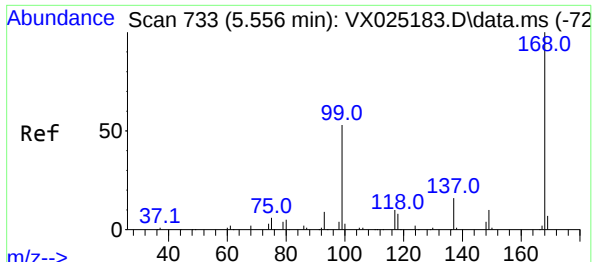
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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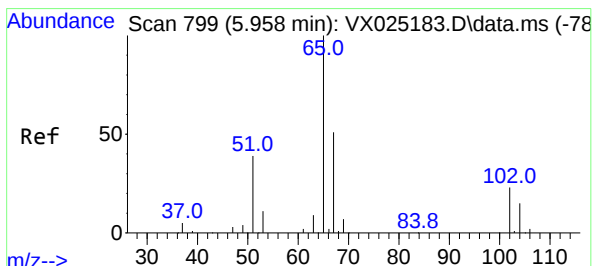
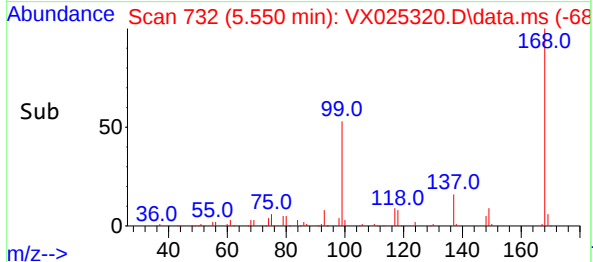
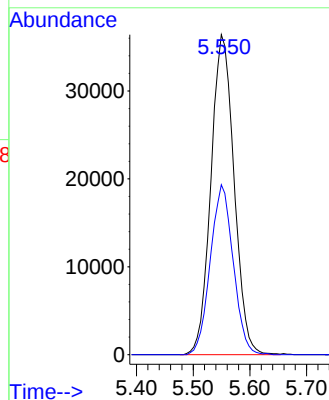
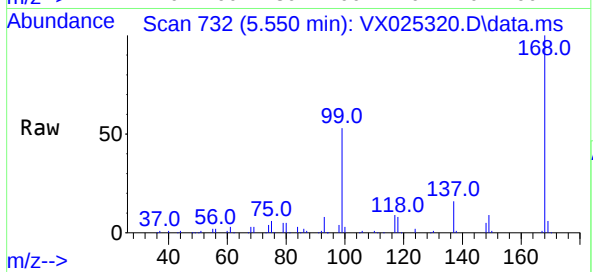




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

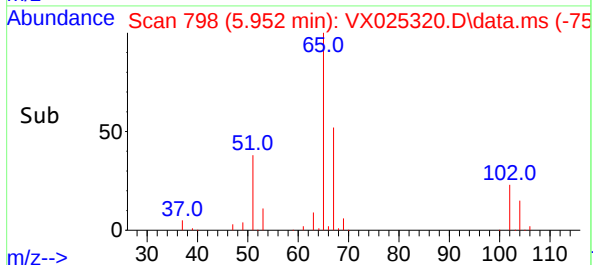
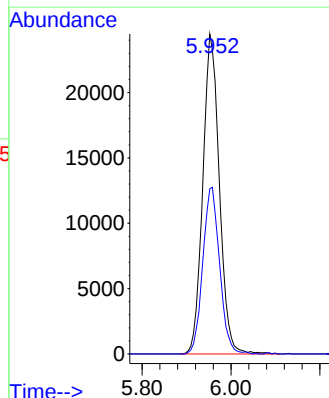
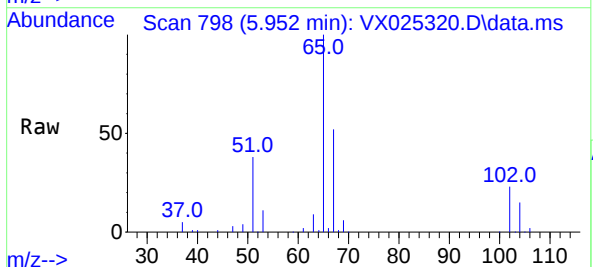
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

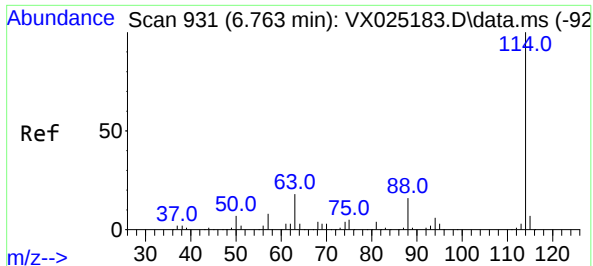
Tgt Ion:168 Resp: 103179
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 58.401 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 65 Resp: 63516
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX025320.D

Acq: 24 Nov 2021 12:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10S-20211118

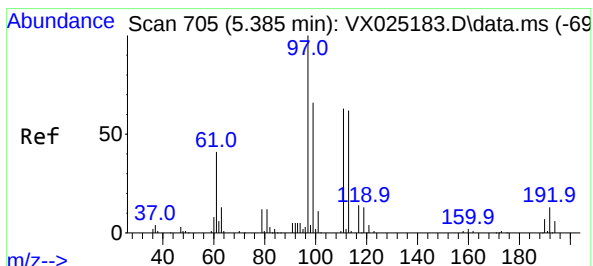
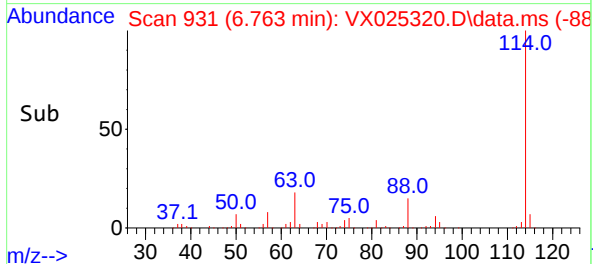
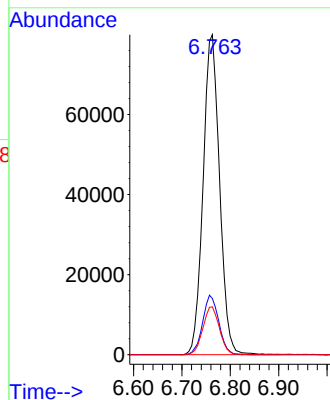
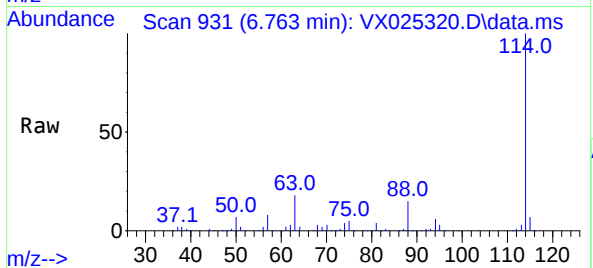
Tgt Ion:114 Resp: 189272

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.900 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025320.D

Acq: 24 Nov 2021 12:42

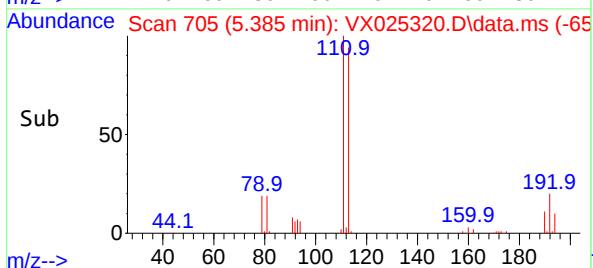
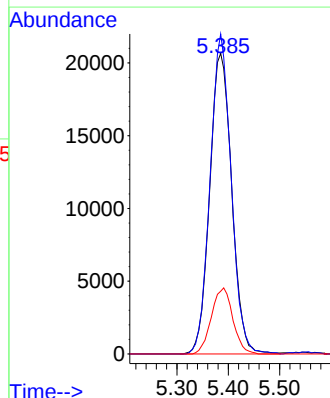
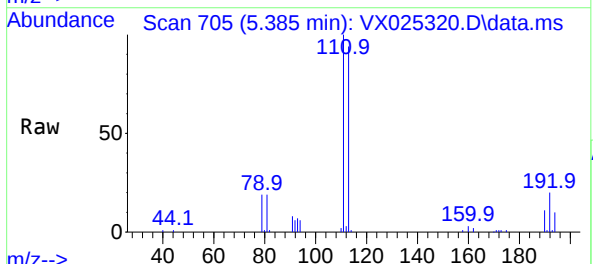
Tgt Ion:113 Resp: 61433

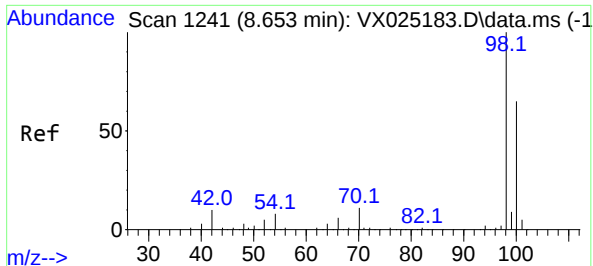
Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 21.4 15.6 23.4

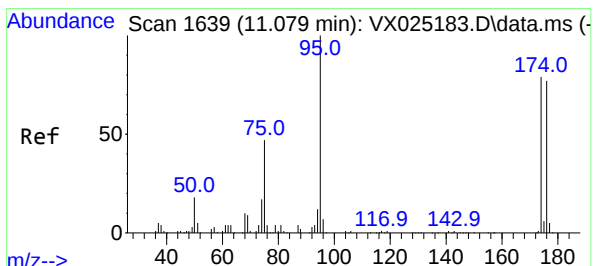
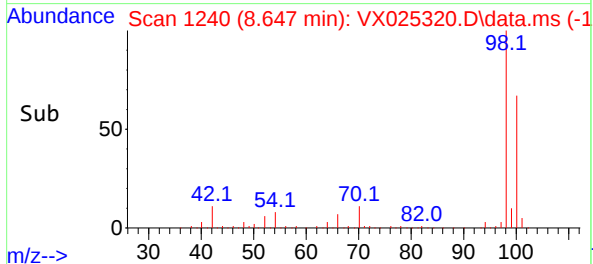
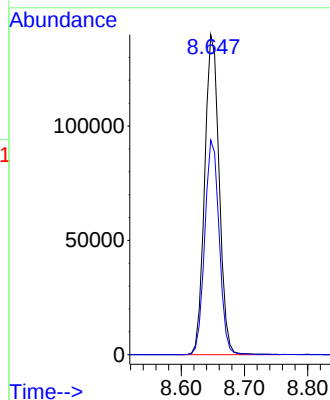
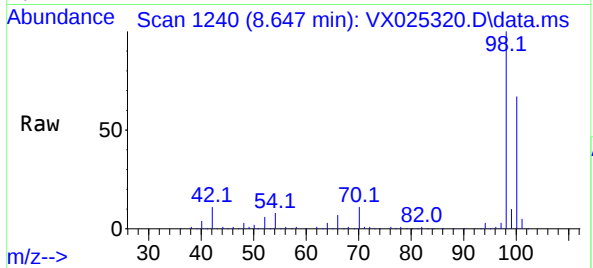




#50
Toluene-d8
Concen: 51.253 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

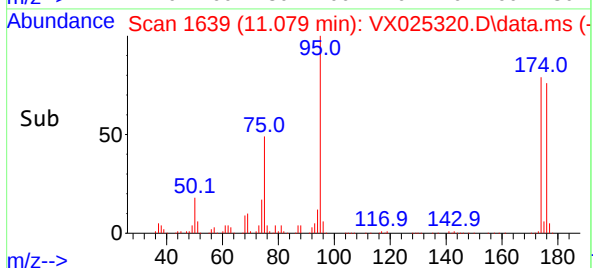
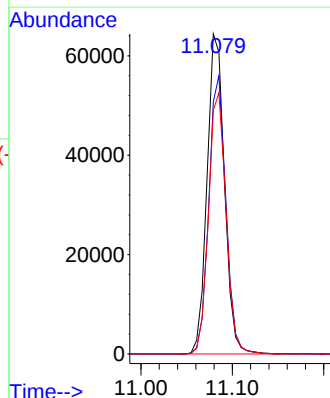
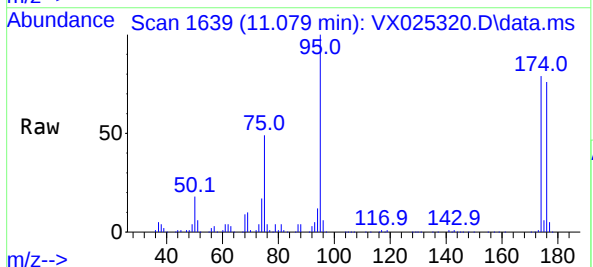
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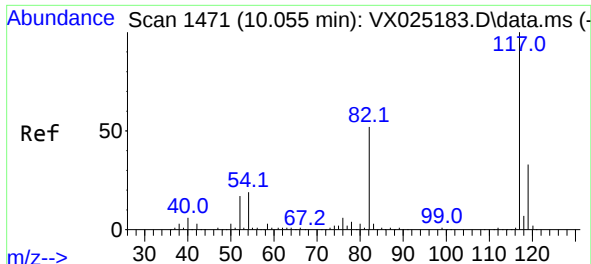
Tgt Ion: 98 Resp: 223790
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 95 Resp: 84973
Ion Ratio Lower Upper
95 100
174 85.6 0.0 158.0
176 82.2 0.0 153.6

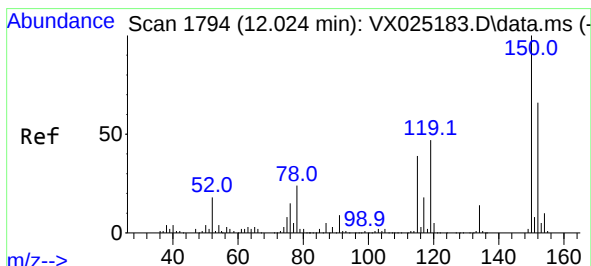
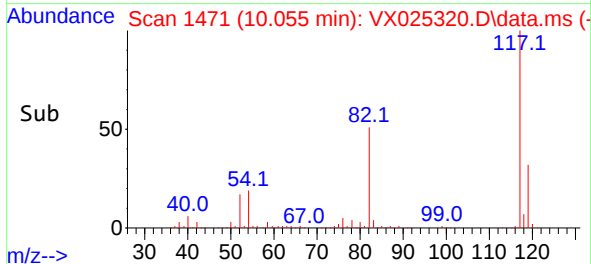
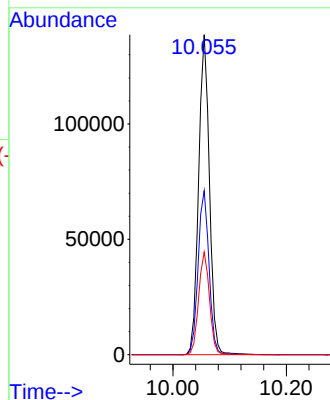
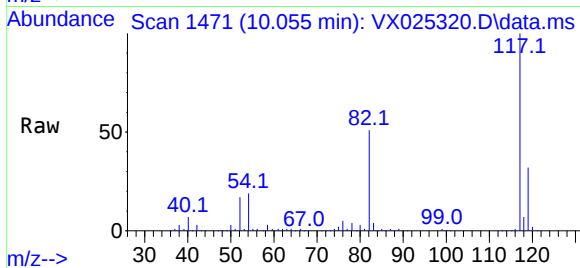




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

Tgt Ion:117 Resp: 183421
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 32.1 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: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion:152 Resp: 82212
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 157.9 0.0 351.2

