

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025306.D
 Acq On : 24 Nov 2021 03:55
 Operator : JC/MD
 Sample : M4795-05
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HAR-24

Quant Time: Nov 24 05:02:39 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	103647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	178213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60680	55.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.080%	
35) Dibromofluoromethane	5.397	113	58111	50.966	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	8.653	98	218395	50.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.085	95	82429	50.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.660%	

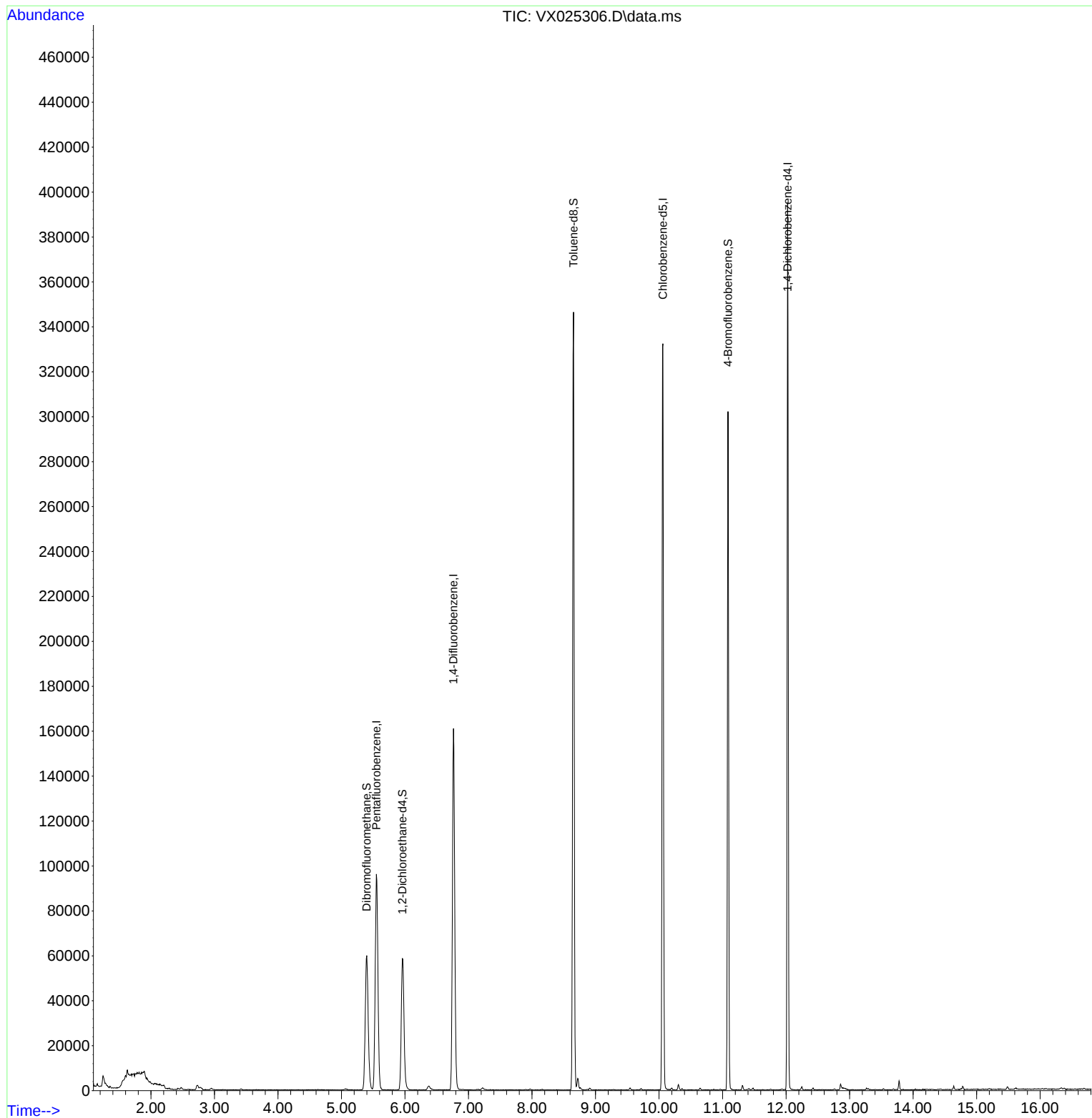
Target Compounds	Qvalue

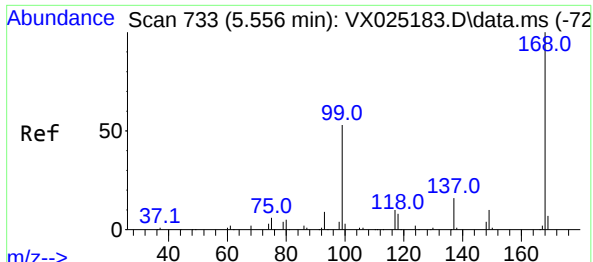
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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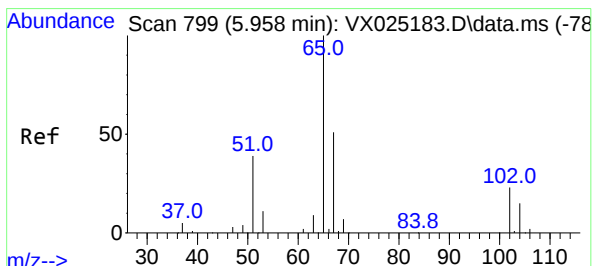
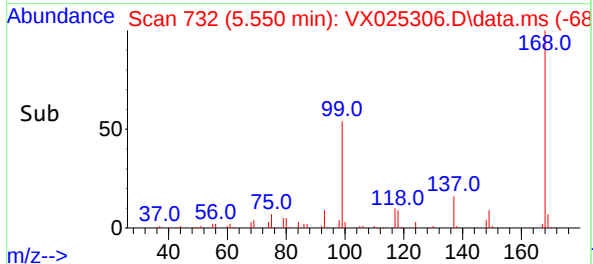
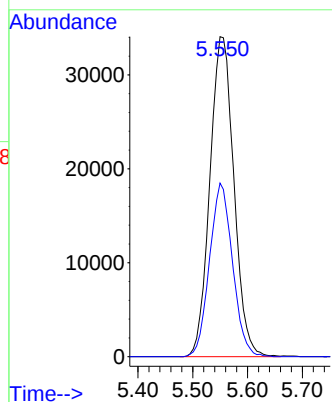
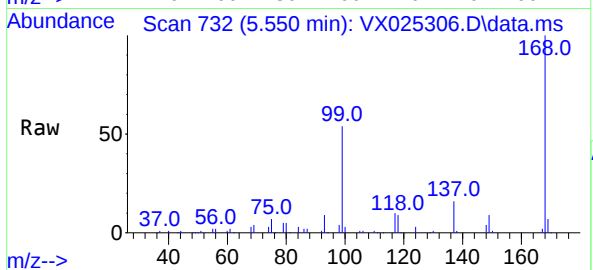




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

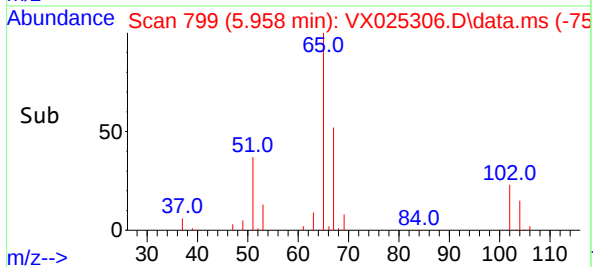
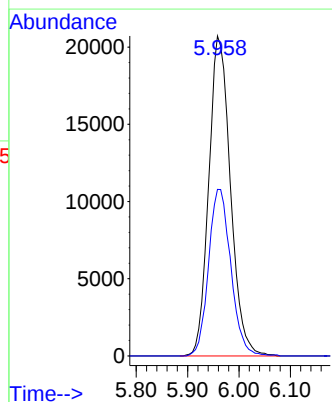
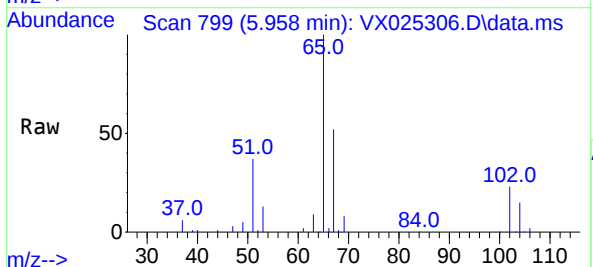
Instrument :
MSVOA_X
ClientSampleId :
HAR-24

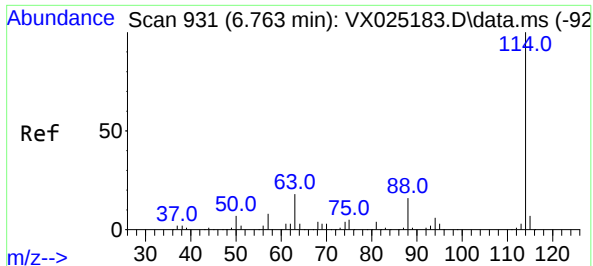
Tgt Ion:168 Resp: 103647
Ion Ratio Lower Upper
168 100
99 54.2 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 55.542 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 65 Resp: 60680
Ion Ratio Lower Upper
65 100
67 53.5 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: VX025306.D

Acq: 24 Nov 2021 03:55

Instrument :

MSVOA_X

ClientSampleId :

HAR-24

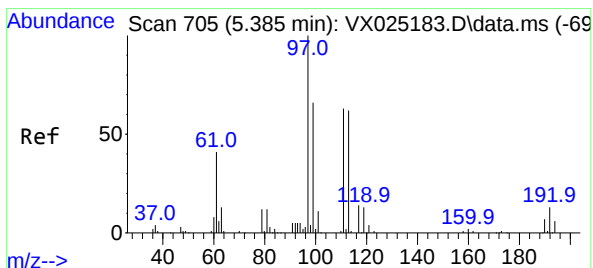
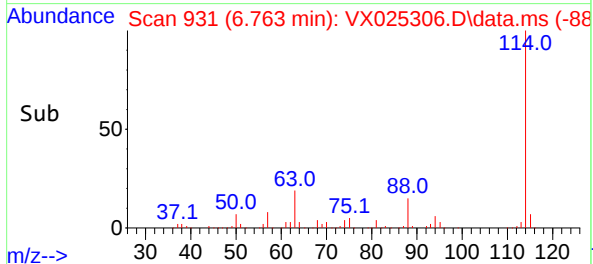
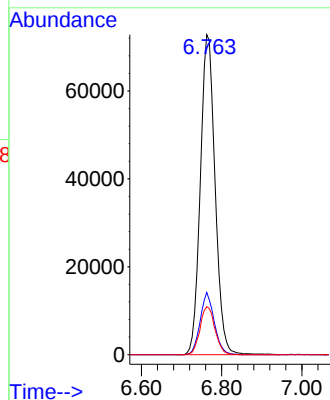
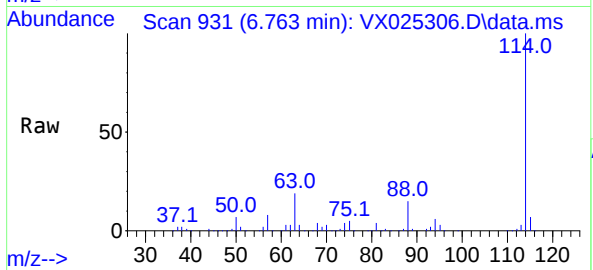
Tgt Ion:114 Resp: 185831

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.966 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX025306.D

Acq: 24 Nov 2021 03:55

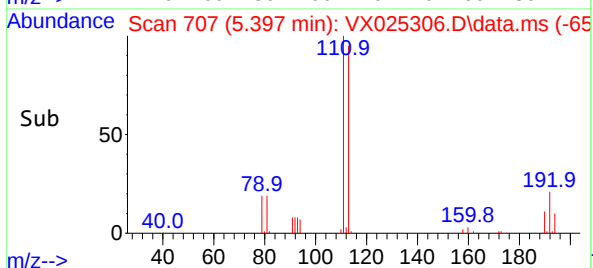
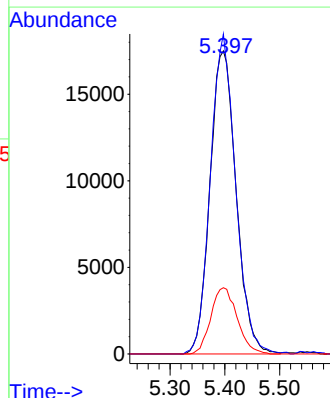
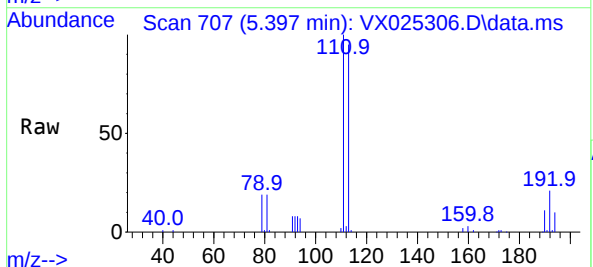
Tgt Ion:113 Resp: 58111

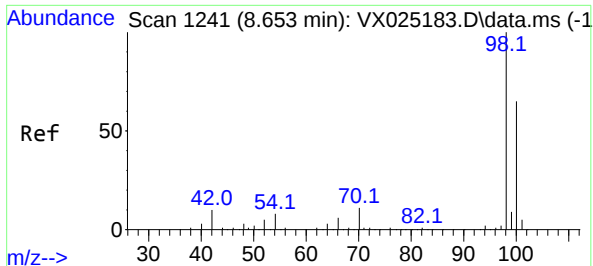
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 21.9 15.6 23.4

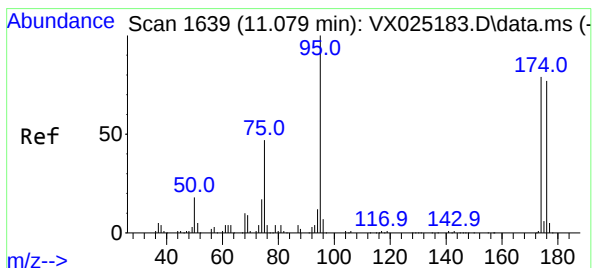
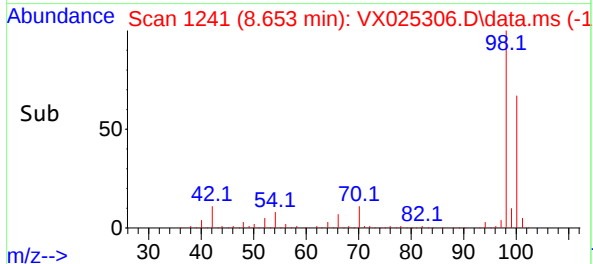
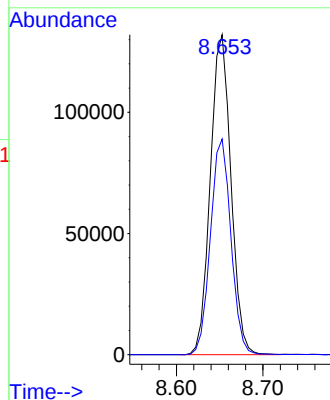
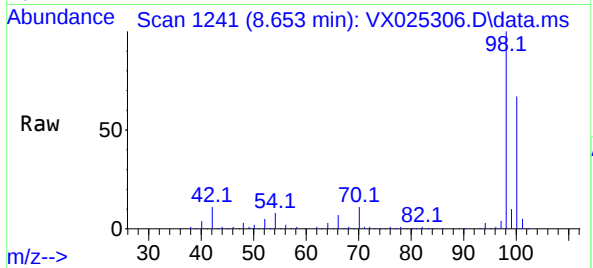




#50
Toluene-d8
Concen: 50.944 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

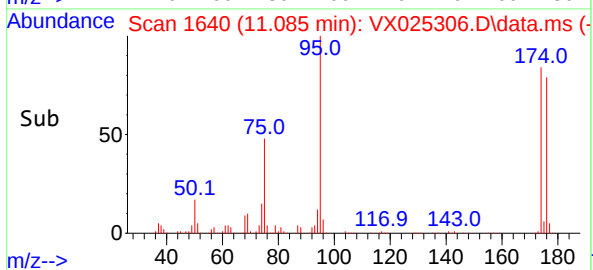
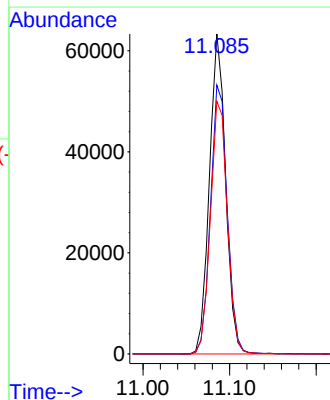
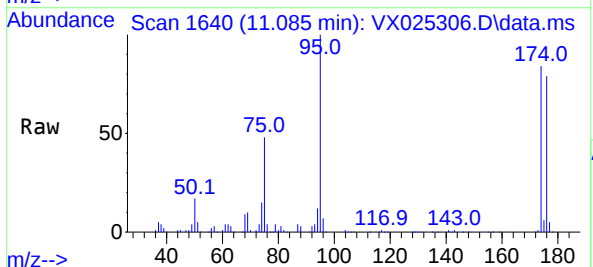
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ClientSampleId :
HAR-24

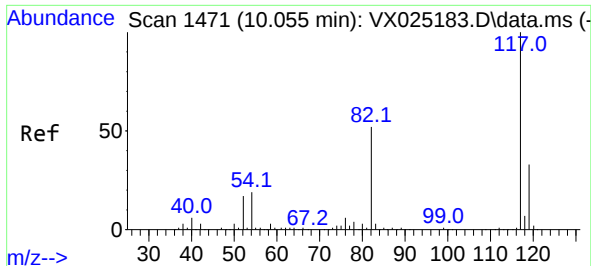
Tgt Ion: 98 Resp: 218395
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.825 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion: 95 Resp: 82429
Ion Ratio Lower Upper
95 100
174 86.9 0.0 158.0
176 82.3 0.0 153.6

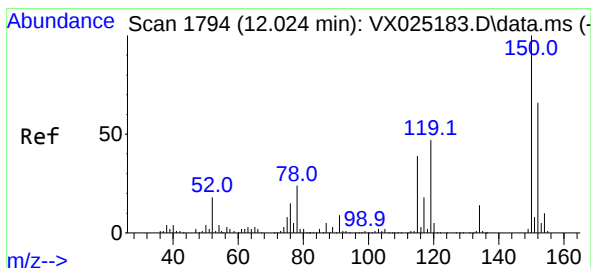
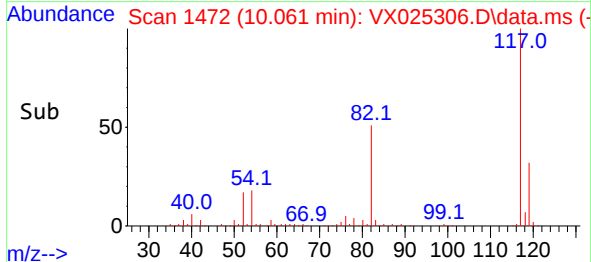
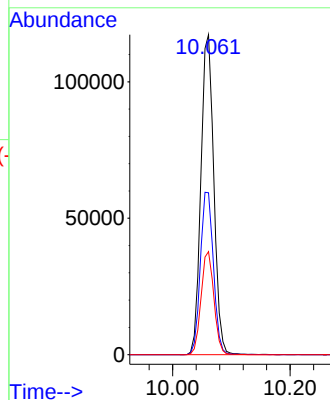
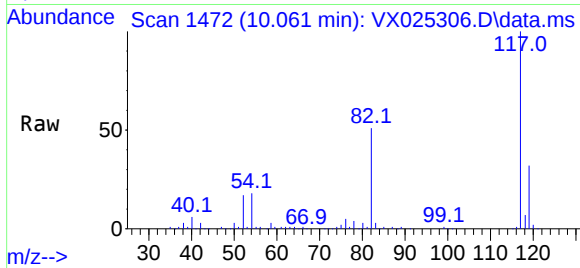




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX025306.D
Acq: 24 Nov 2021 03:55

Instrument :
MSVOA_X
ClientSampleId :
HAR-24

Tgt Ion:117 Resp: 178213
Ion Ratio Lower Upper
117 100
82 50.6 44.6 67.0
119 32.2 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: VX025306.D
Acq: 24 Nov 2021 03:55

Tgt Ion:152 Resp: 84674
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.8
150 159.6 0.0 351.2

