

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034519.D
 Acq On : 15 Mar 2023 19:30
 Operator : JC/MD
 Sample : 01903-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230312

Quant Time: Mar 16 05:23:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

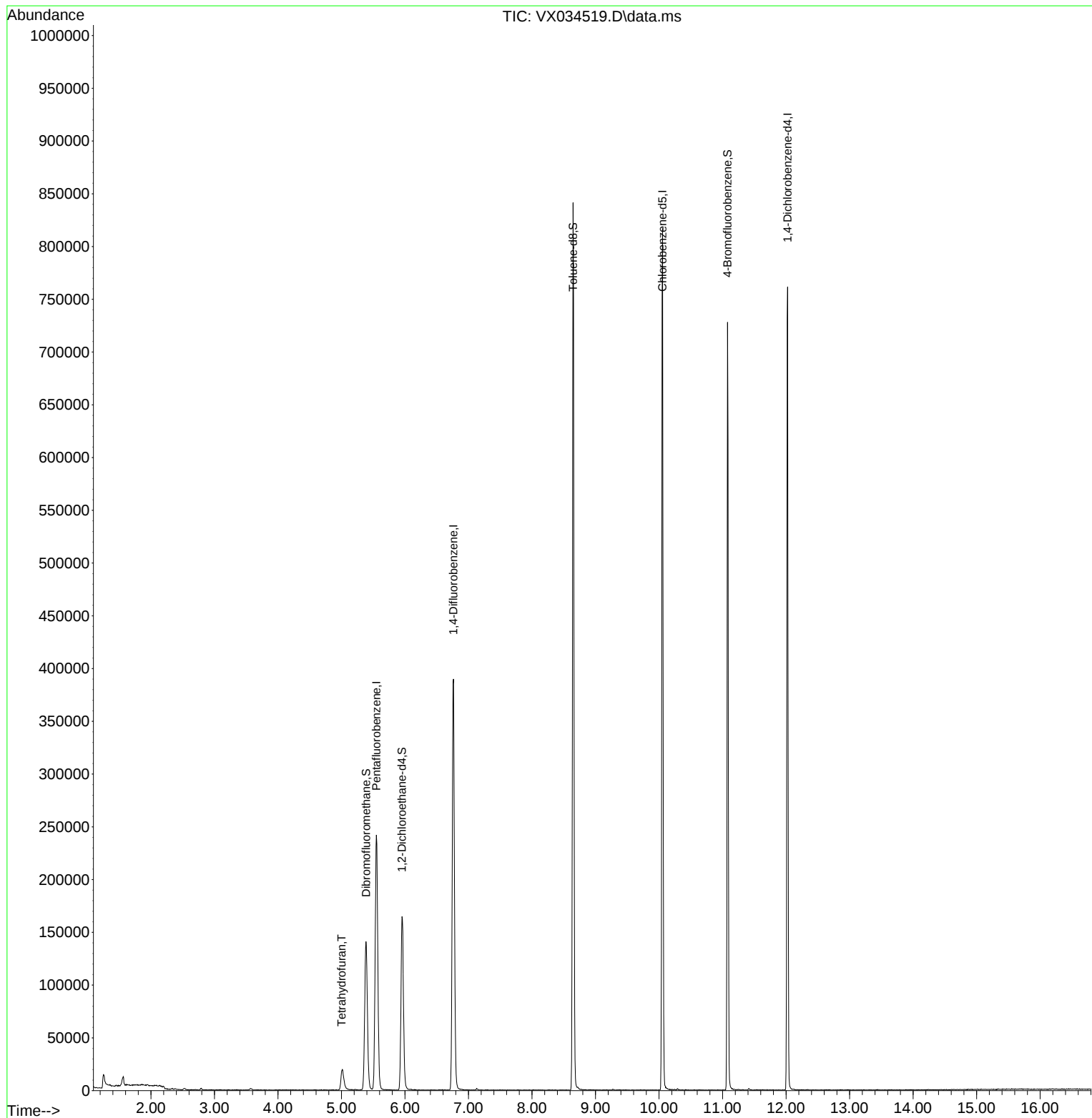
Internal Standards						
1) Pentafluorobenzene	5.550	168	231207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156190	46.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.385	113	123444	47.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	480240	49.071	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	186725	47.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%
Target Compounds						
29) Tetrahydrofuran	5.001	42	20588	14.717	ug/l	Qvalue 97

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

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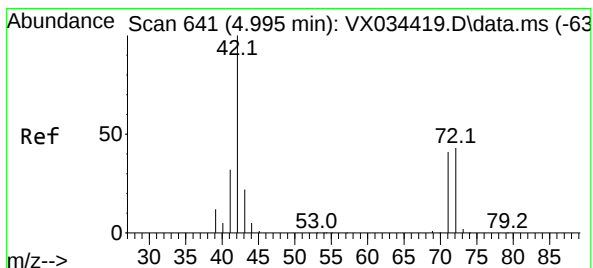
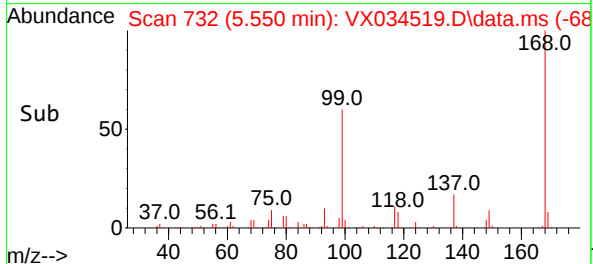
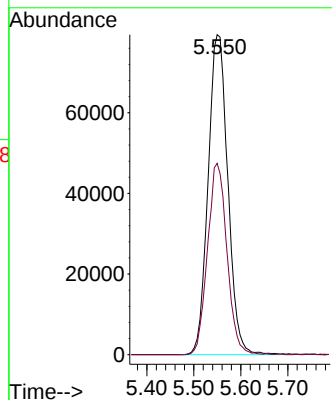
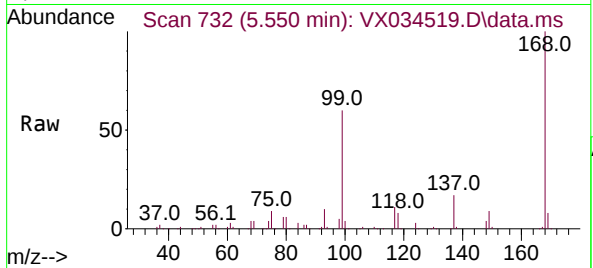




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

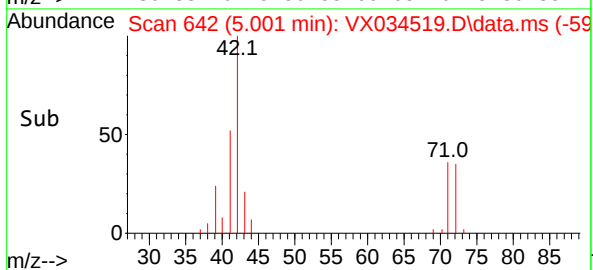
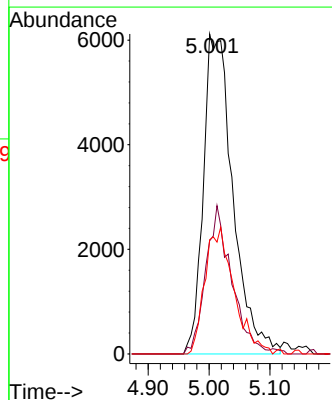
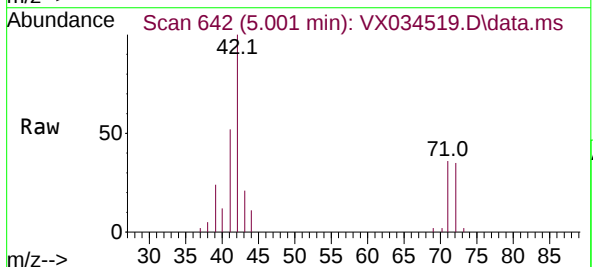
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

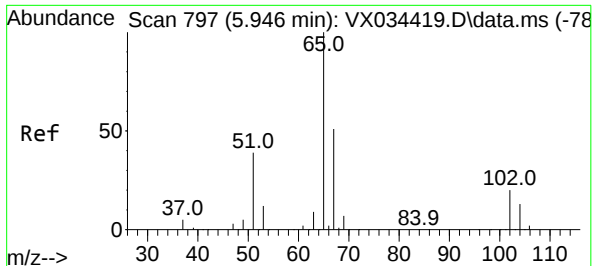
Tgt Ion:168 Resp: 231207
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#29
Tetrahydrofuran
Concen: 14.717 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX034519.D
Acq: 15 Mar 2023 19:30

Tgt Ion: 42 Resp: 20588
Ion Ratio Lower Upper
42 100
72 40.7 34.5 51.7
71 38.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 46.435 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034519.D

Acq: 15 Mar 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

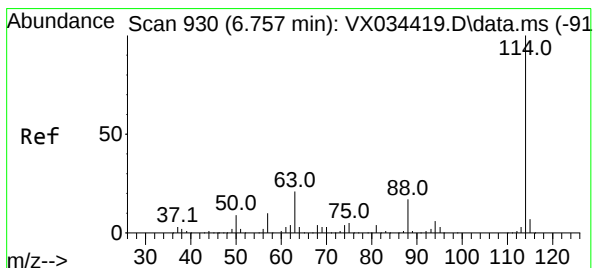
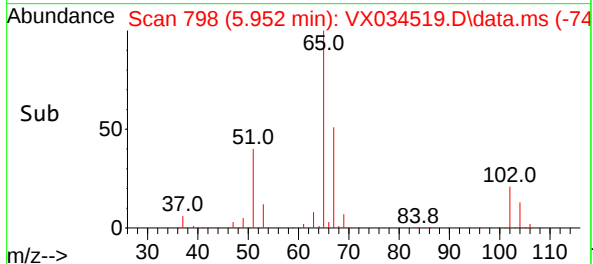
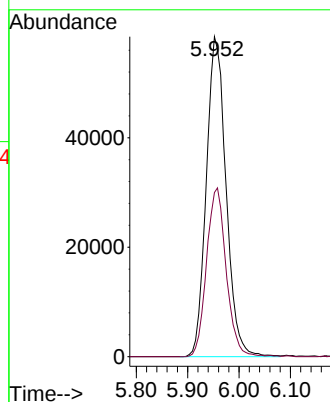
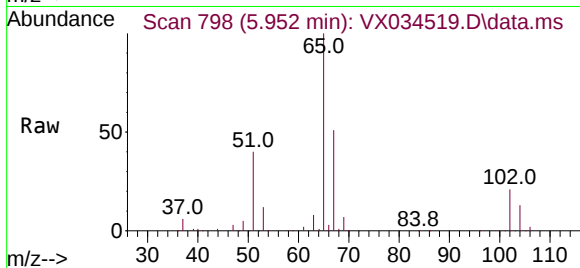
DUP06-20230312

Tgt Ion: 65 Resp: 156190

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034519.D

Acq: 15 Mar 2023 19:30

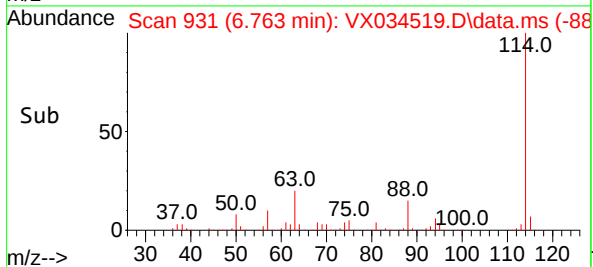
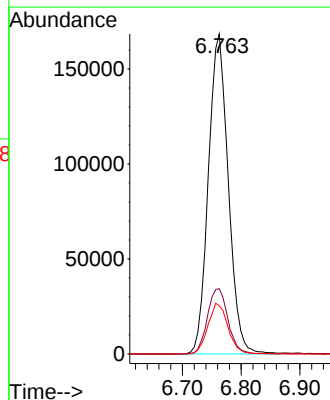
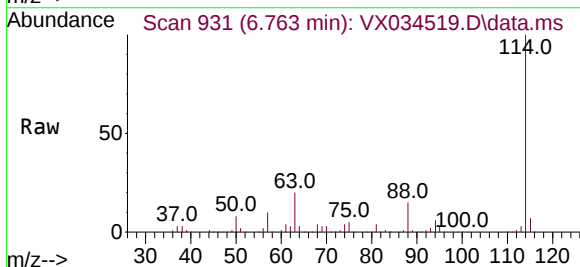
Tgt Ion: 114 Resp: 397068

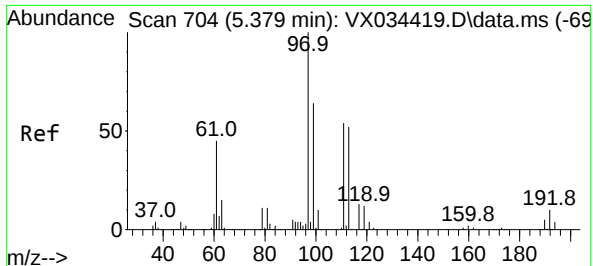
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034519.D

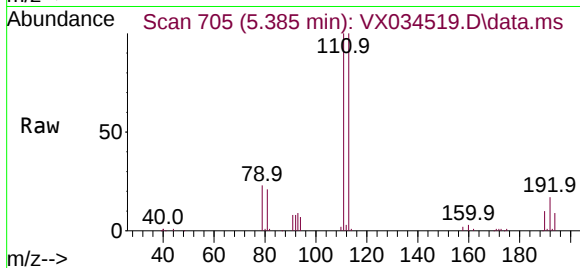
Acq: 15 Mar 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20230312



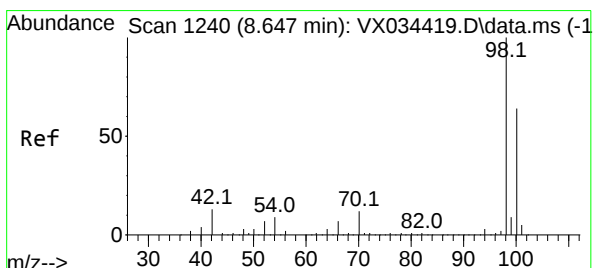
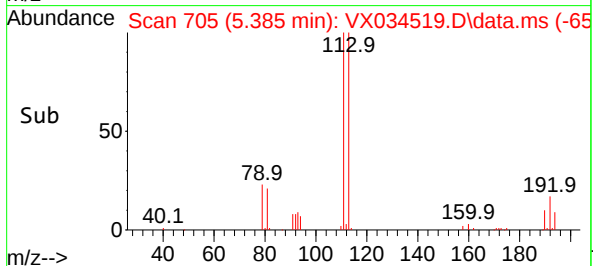
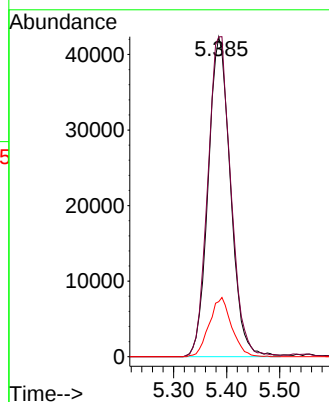
Tgt Ion:113 Resp: 123444

Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 18.6 15.4 23.2



#50

Toluene-d8

Concen: 49.071 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034519.D

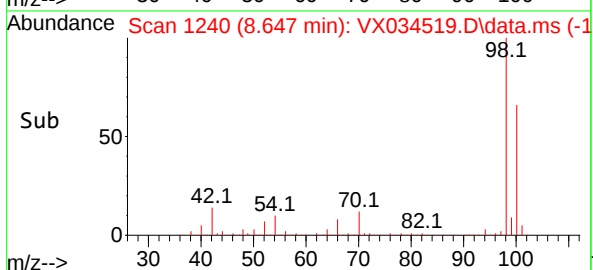
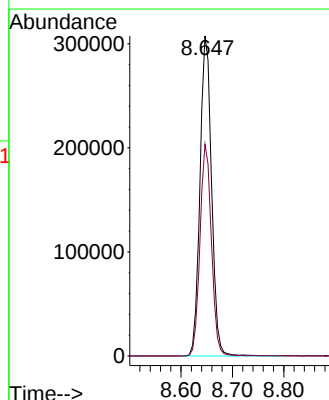
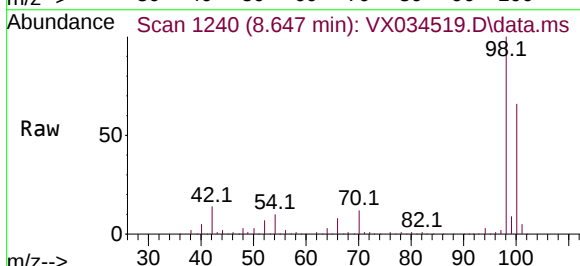
Acq: 15 Mar 2023 19:30

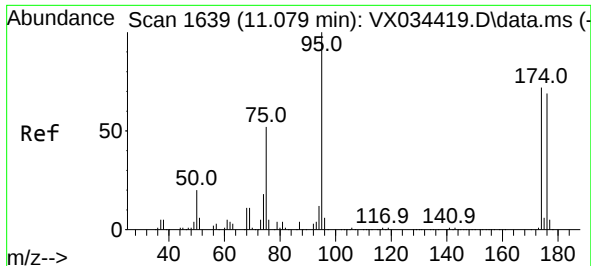
Tgt Ion: 98 Resp: 480240

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.235 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034519.D

Acq: 15 Mar 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20230312

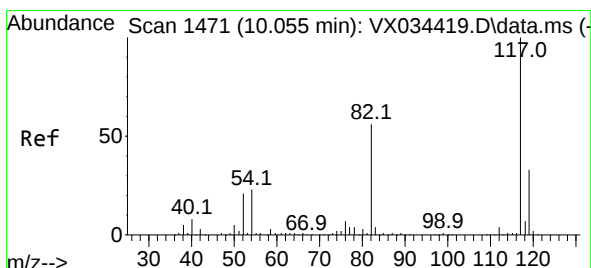
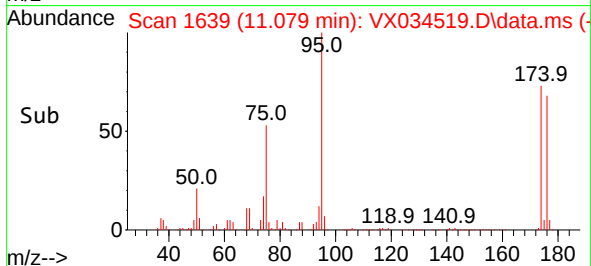
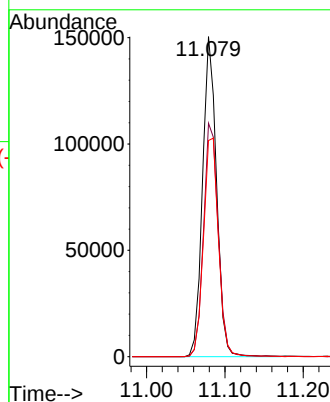
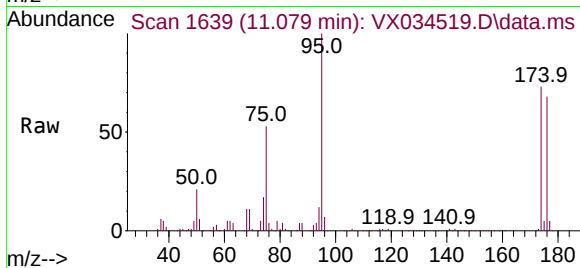
Tgt Ion: 95 Resp: 186725

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.4

176 73.3 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034519.D

Acq: 15 Mar 2023 19:30

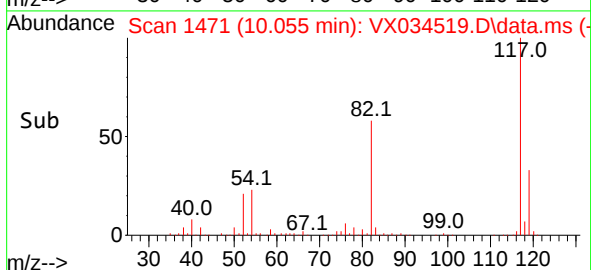
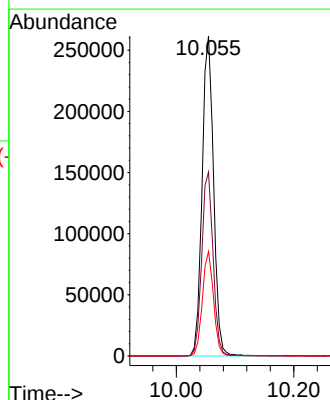
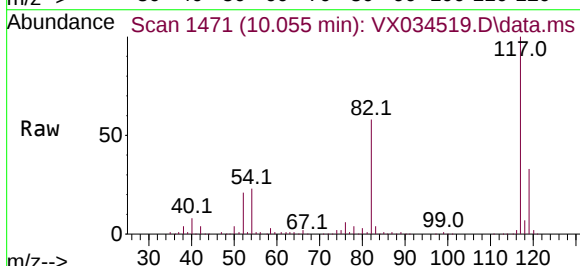
Tgt Ion: 117 Resp: 354807

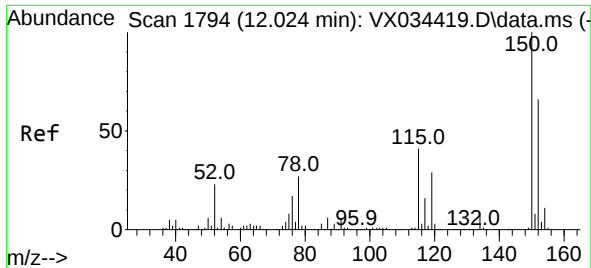
Ion Ratio Lower Upper

117 100

82 57.5 45.0 67.4

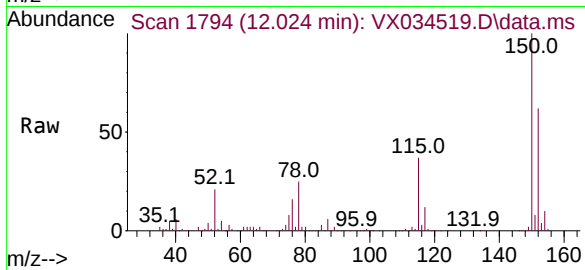
119 32.6 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034519.D
 Acq: 15 Mar 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230312



Tgt Ion:152 Resp: 152661
 Ion Ratio Lower Upper
 152 100
 115 60.8 45.0 135.0
 150 160.0 0.0 352.4

