

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034518.D
 Acq On : 15 Mar 2023 19:06
 Operator : JC/MD
 Sample : 01903-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230312

Quant Time: Mar 16 05:23:16 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)

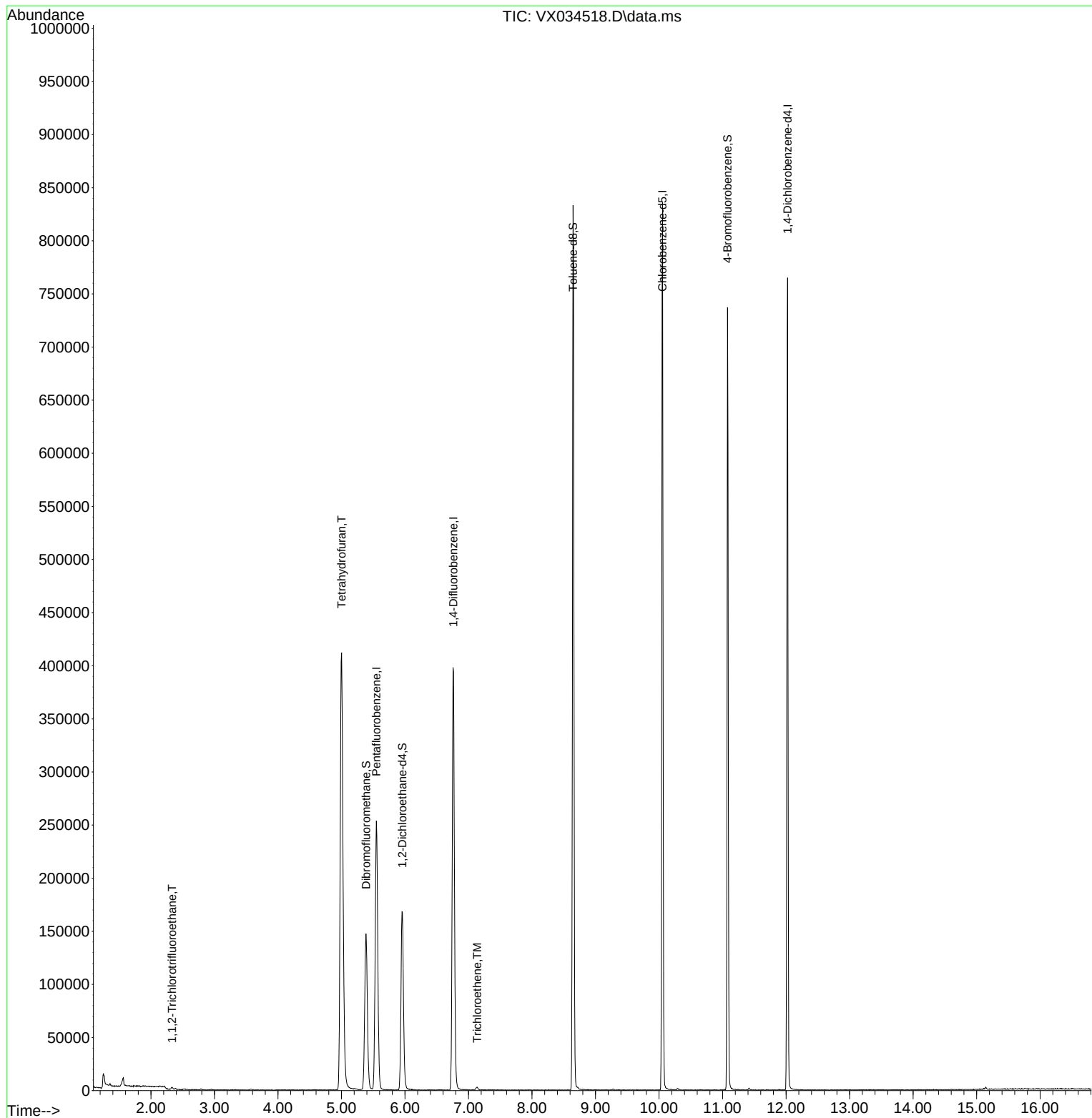
Internal Standards						
1) Pentafluorobenzene	5.550	168	239050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163282	46.951	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.385	113	127480	47.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	492907	48.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	188418	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	848	0.319	ug/l	95
29) Tetrahydrofuran	5.001	42	407064	281.437	ug/l	98
44) Trichloroethene	7.135	130	1175	0.372	ug/l	87

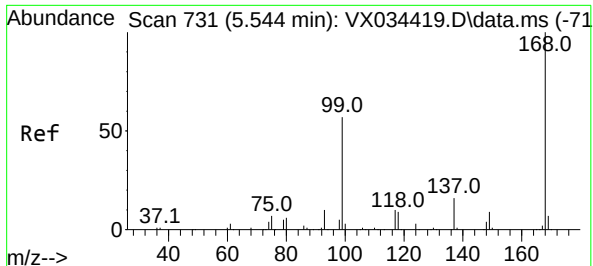
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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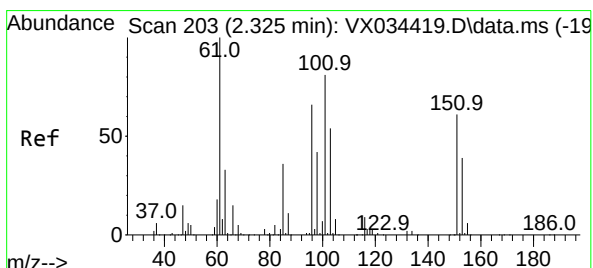
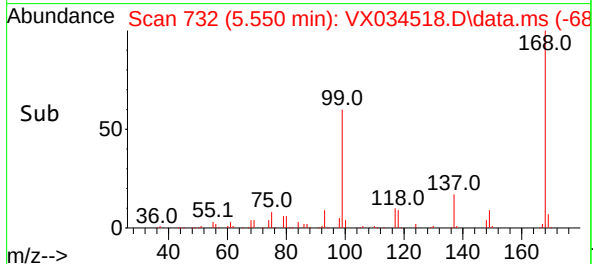
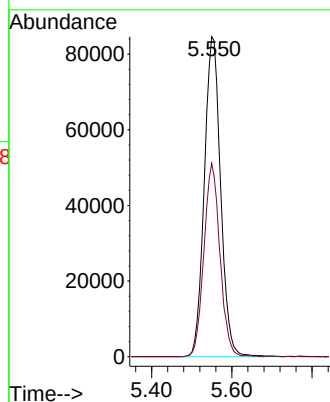
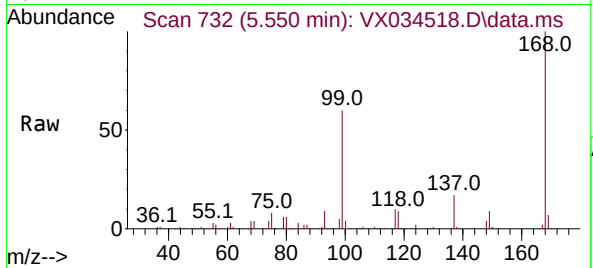




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

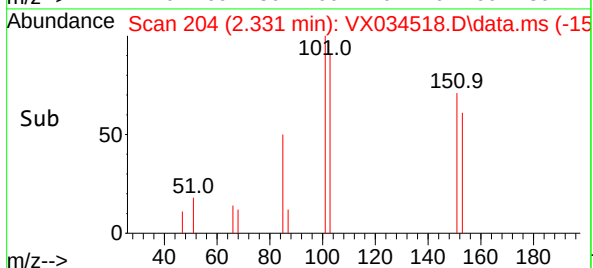
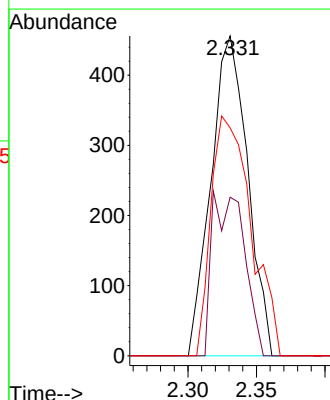
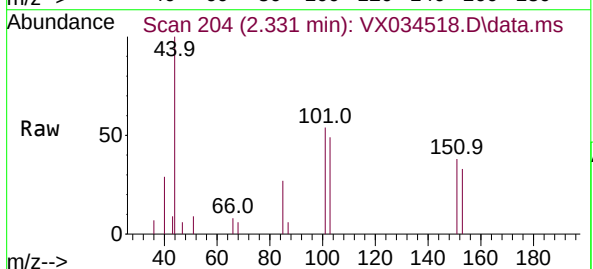
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

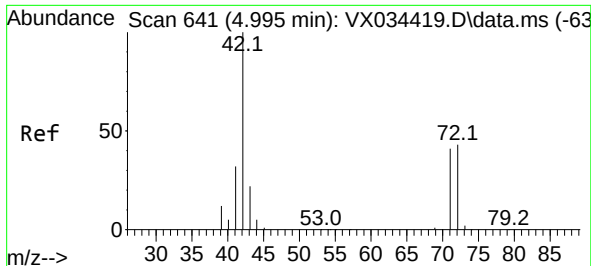
Tgt Ion:168 Resp: 239050
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.319 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

Tgt Ion:101 Resp: 848
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 81.8 60.2 90.4

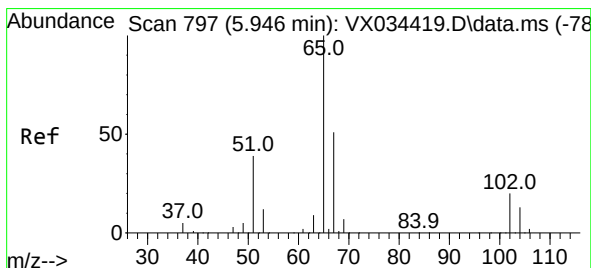
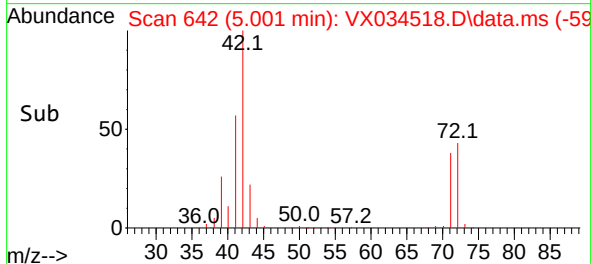
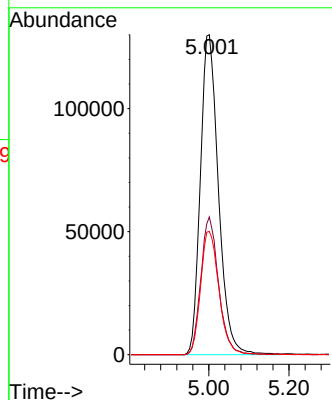
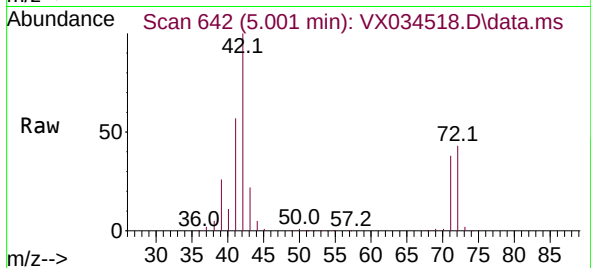




#29
Tetrahydrofuran
Concen: 281.437 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

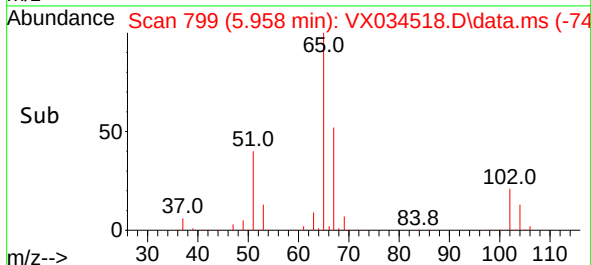
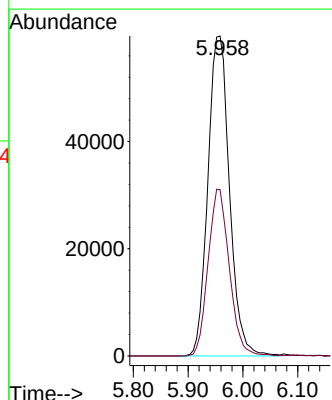
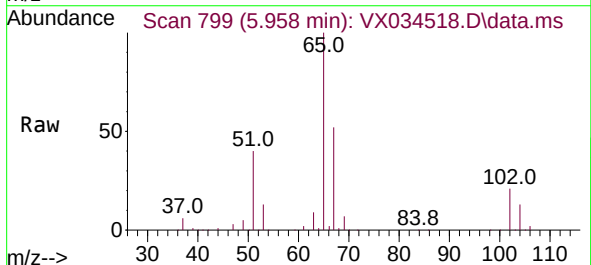
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

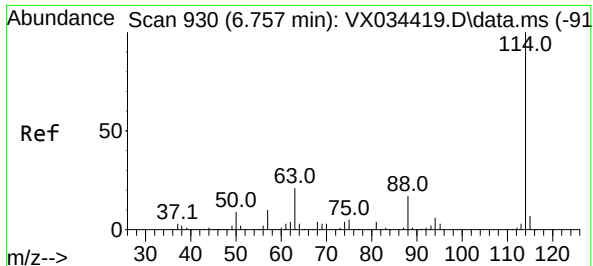
Tgt Ion: 42 Resp: 407064
Ion Ratio Lower Upper
42 100
72 42.2 34.5 51.7
71 39.1 32.1 48.1



#33
1,2-Dichloroethane-d4
Concen: 46.951 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

Tgt Ion: 65 Resp: 163282
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034518.D

Acq: 15 Mar 2023 19:06

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20230312

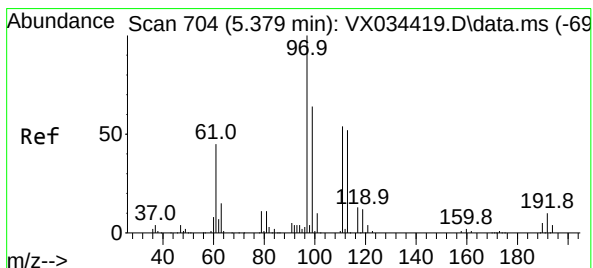
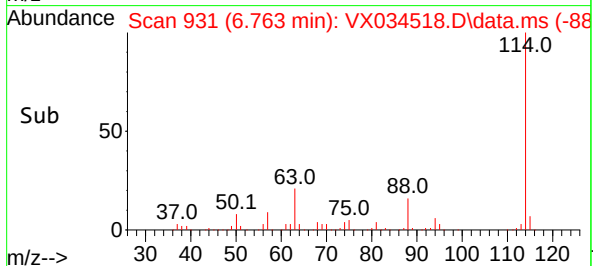
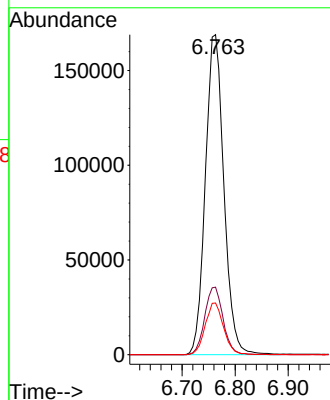
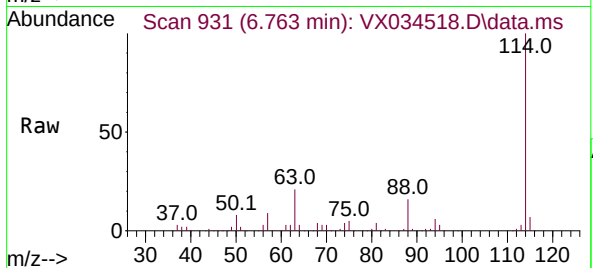
Tgt Ion:114 Resp: 409993

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.093 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034518.D

Acq: 15 Mar 2023 19:06

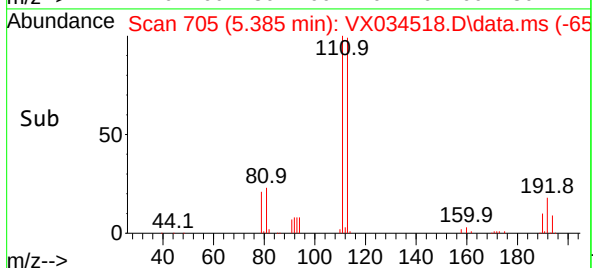
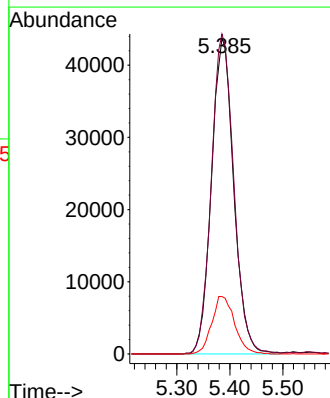
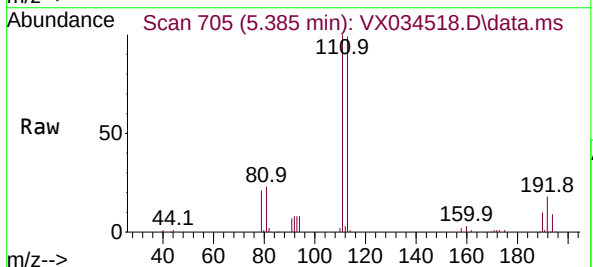
Tgt Ion:113 Resp: 127480

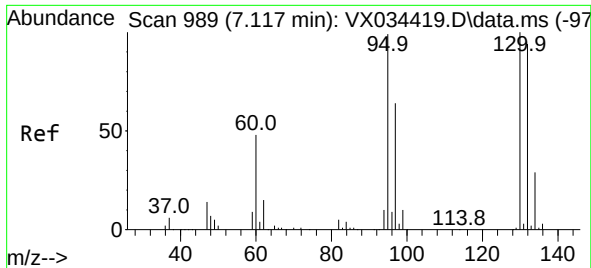
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 18.7 15.4 23.2

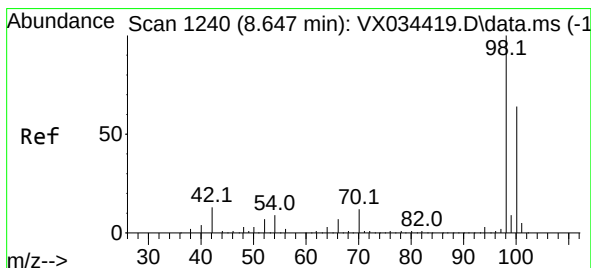
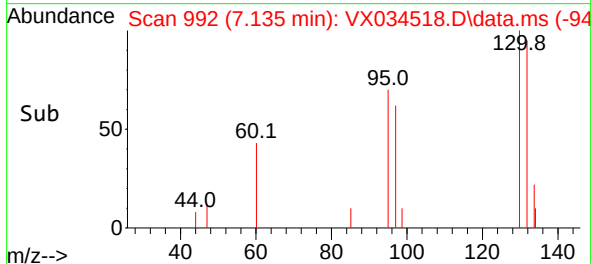
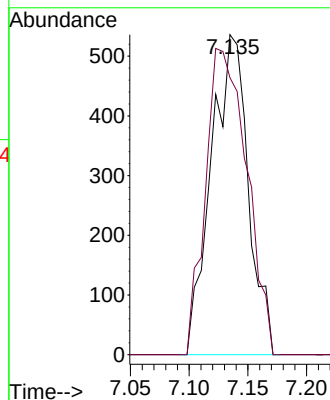
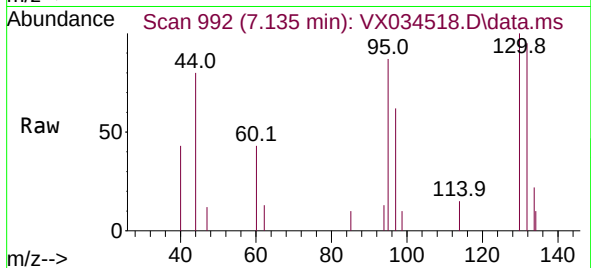




#44
 Trichloroethene
 Concen: 0.372 ug/l
 RT: 7.135 min Scan# 992
 Delta R.T. 0.018 min
 Lab File: VX034518.D
 Acq: 15 Mar 2023 19:06

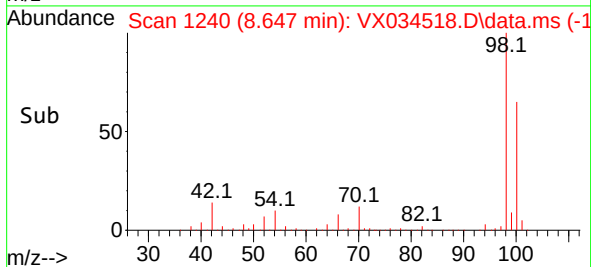
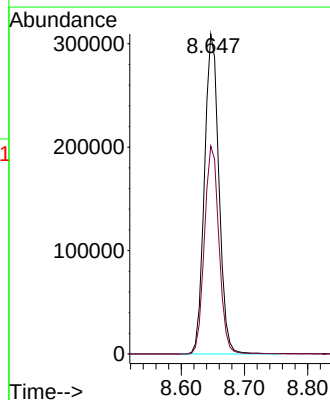
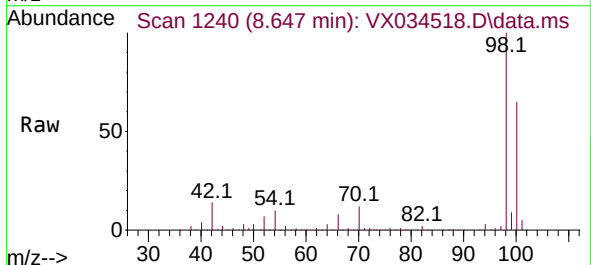
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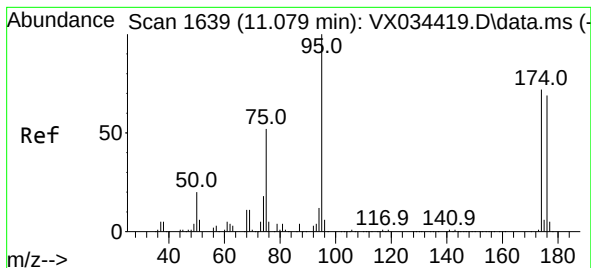
Tgt Ion:130 Resp: 1175
 Ion Ratio Lower Upper
 130 100
 95 86.6 0.0 198.4



#50
 Toluene-d8
 Concen: 48.777 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX034518.D
 Acq: 15 Mar 2023 19:06

Tgt Ion: 98 Resp: 492907
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.5 78.7

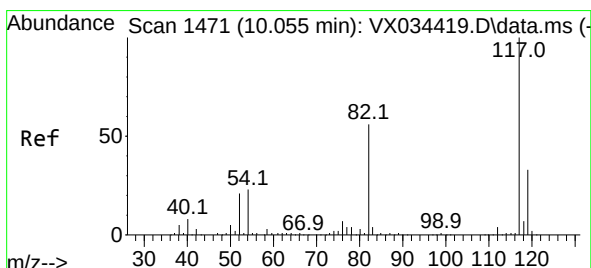
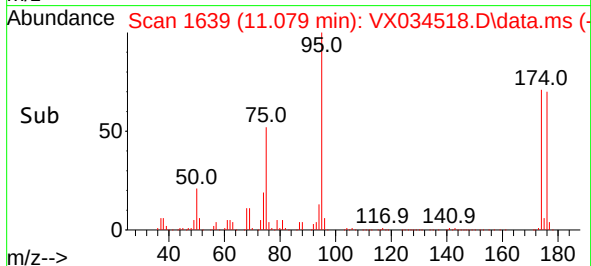
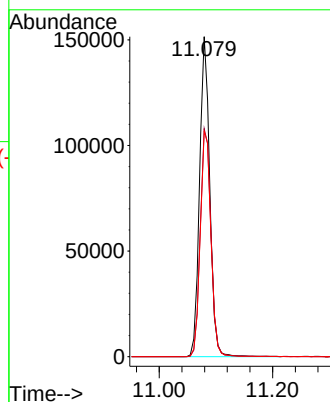
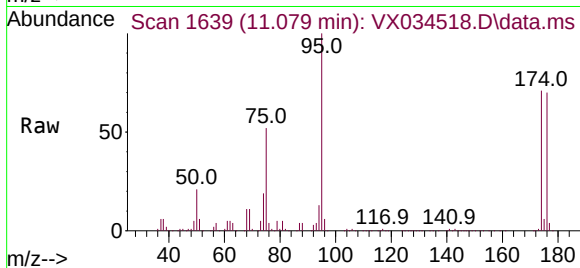




#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

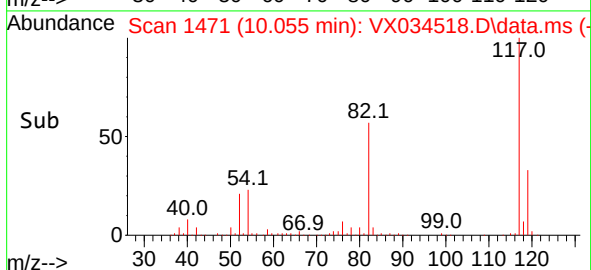
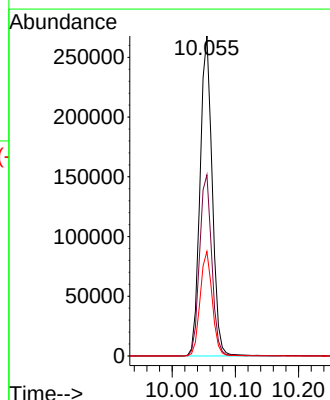
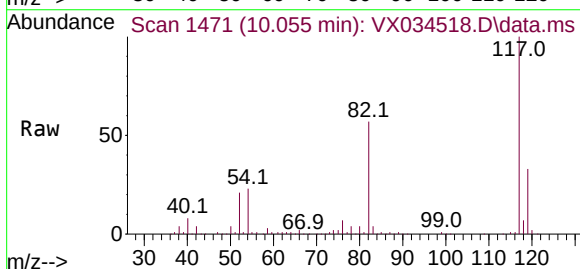
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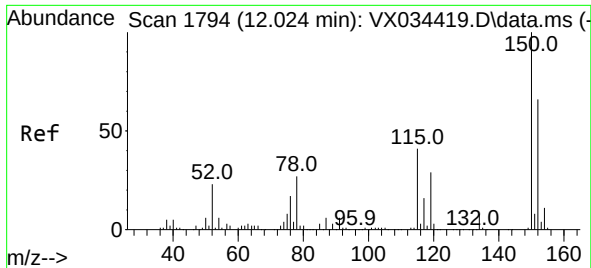
Tgt Ion: 95 Resp: 188418
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 73.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034518.D
Acq: 15 Mar 2023 19:06

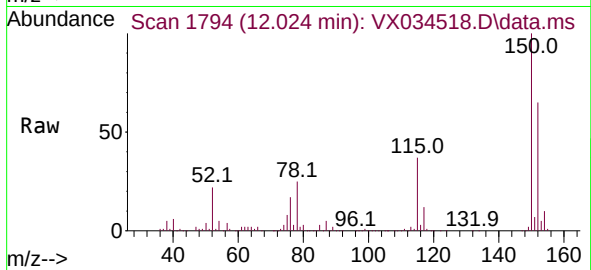
Tgt Ion: 117 Resp: 358548
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.6 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034518.D
 Acq: 15 Mar 2023 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230312



Tgt Ion:152 Resp: 155226
 Ion Ratio Lower Upper
 152 100
 115 60.3 45.0 135.0
 150 156.7 0.0 352.4

