

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034485.D
 Acq On : 15 Mar 2023 05:50
 Operator : JC/MD
 Sample : 01903-21 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230312

Quant Time: Mar 15 07:00:55 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)

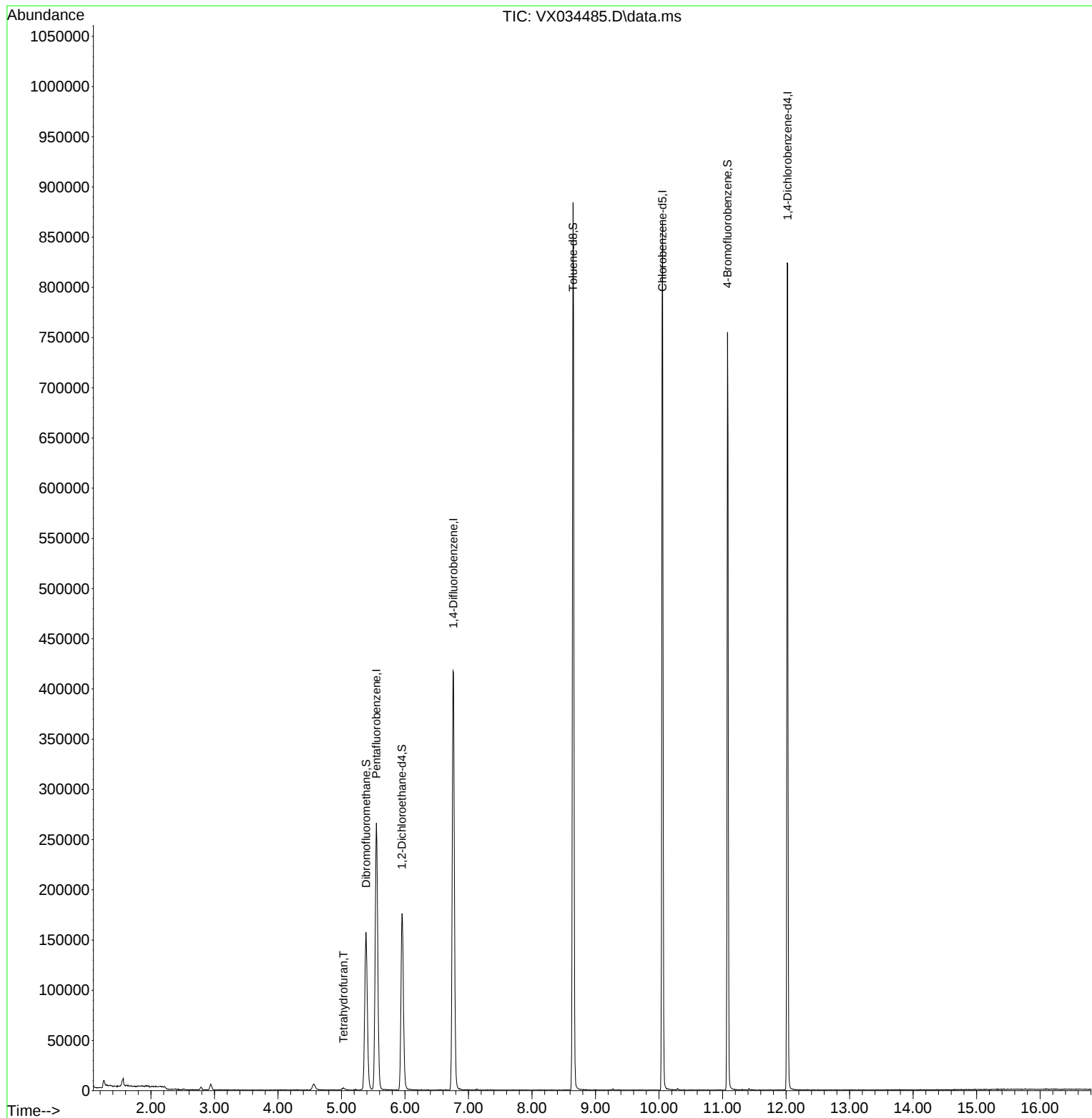
Internal Standards						
1) Pentafluorobenzene	5.550	168	249224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166220	45.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.385	113	134955	47.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.647	98	509168	48.168	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	197101	46.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
29) Tetrahydrofuran	5.032	42	2086	1.383	ug/l	Qvalue # 75

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

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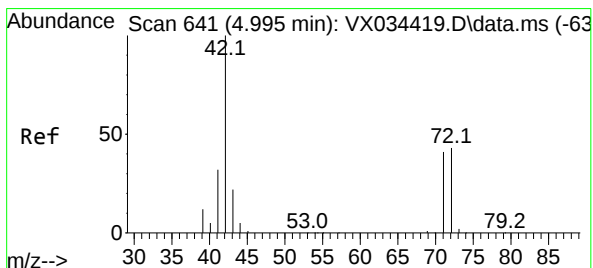
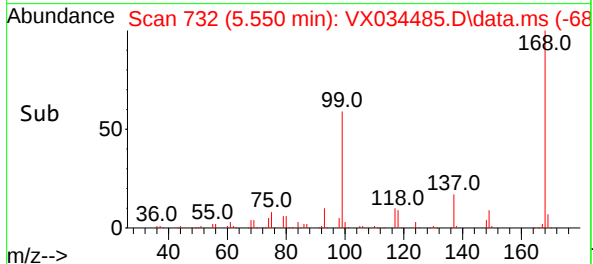
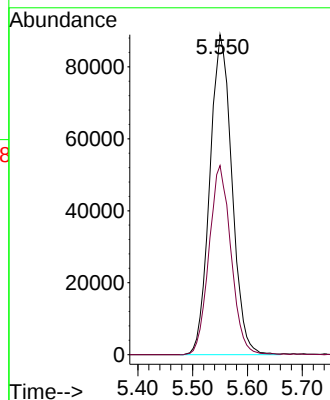
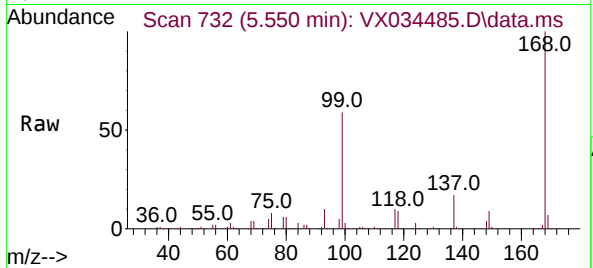




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

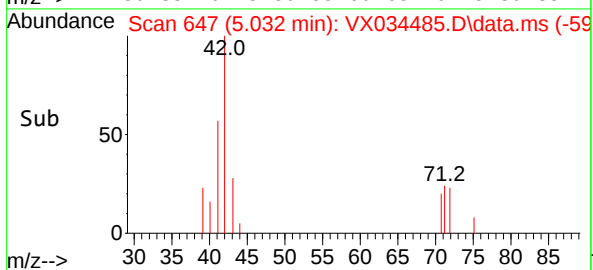
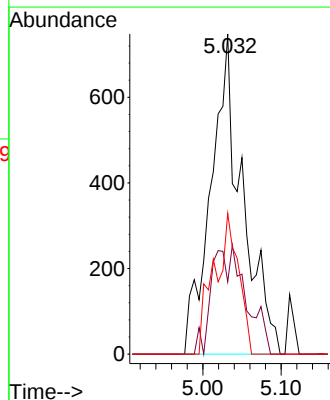
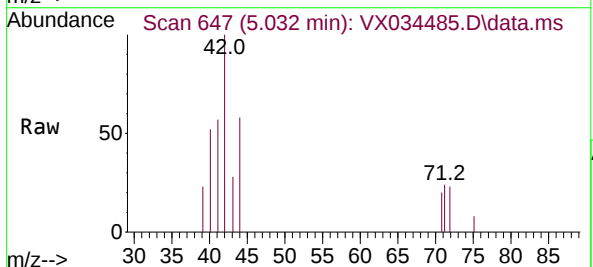
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230312

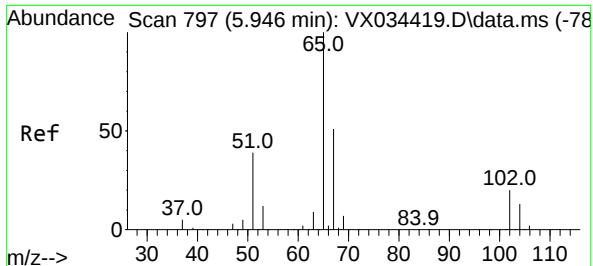
Tgt Ion:168 Resp: 249224
Ion Ratio Lower Upper
168 100
99 59.1 45.7 68.5



#29
Tetrahydrofuran
Concen: 1.383 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

Tgt Ion: 42 Resp: 2086
Ion Ratio Lower Upper
42 100
72 18.1 34.5 51.7#
71 34.1 32.1 48.1

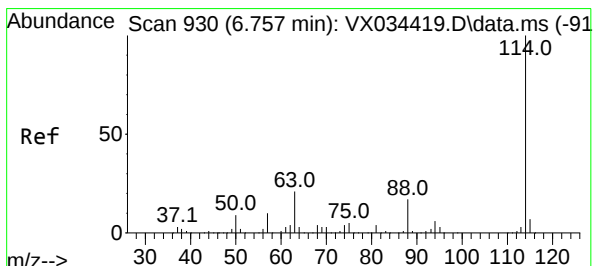
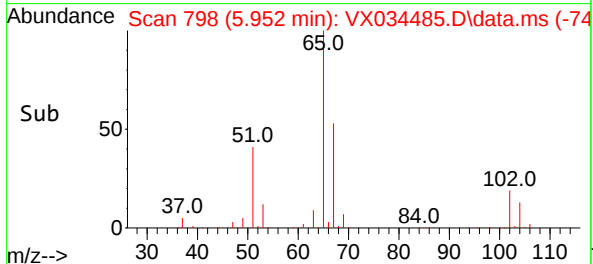
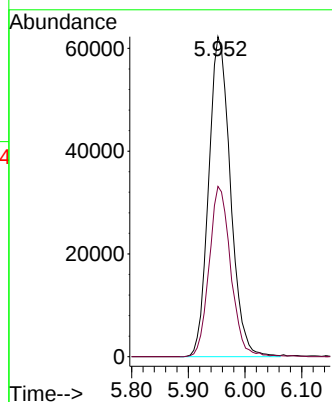
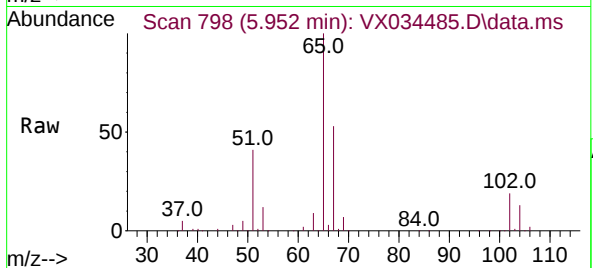




#33
 1,2-Dichloroethane-d4
 Concen: 45.845 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034485.D
 Acq: 15 Mar 2023 05:50

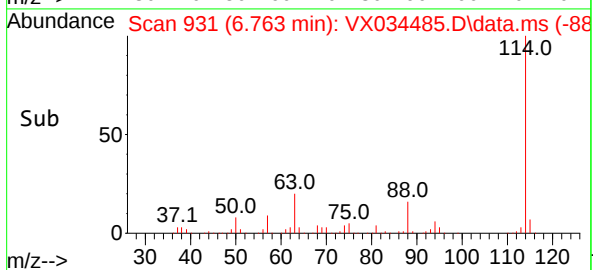
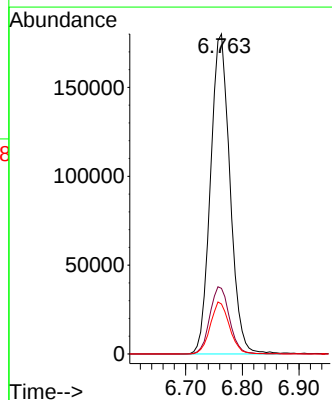
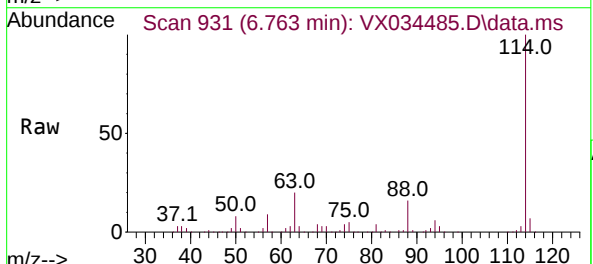
Instrument :
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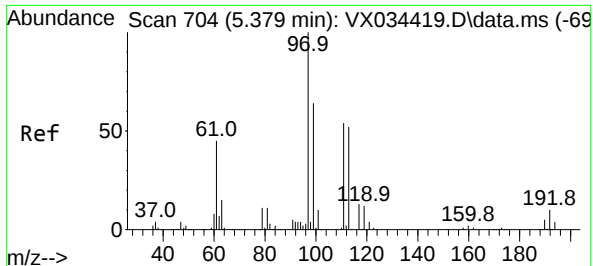
Tgt Ion: 65 Resp: 166220
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034485.D
 Acq: 15 Mar 2023 05:50

Tgt Ion: 114 Resp: 428872
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 15.6 0.0 33.2

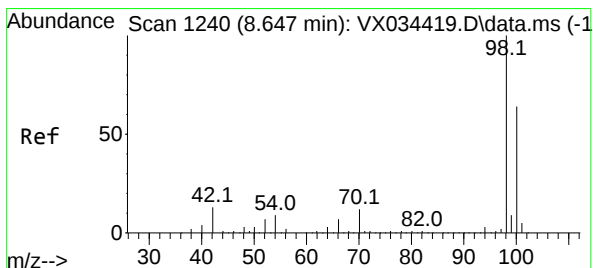
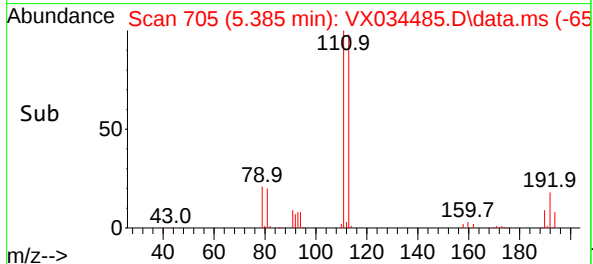
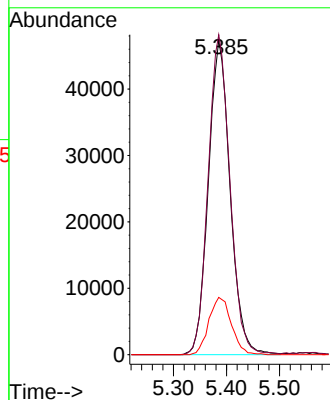
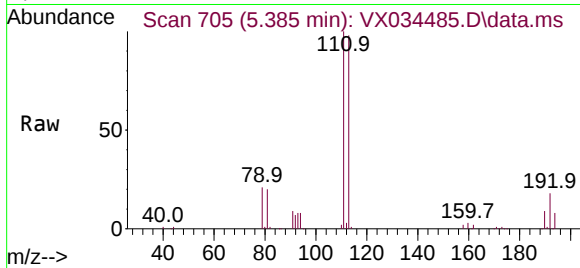




#35
Dibromofluoromethane
Concen: 47.660 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

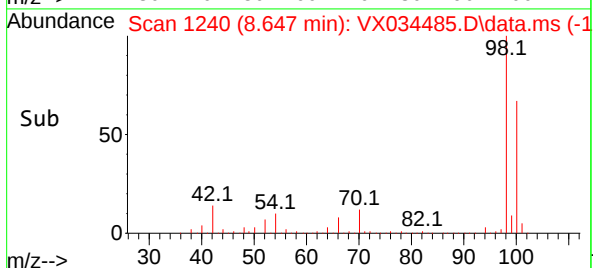
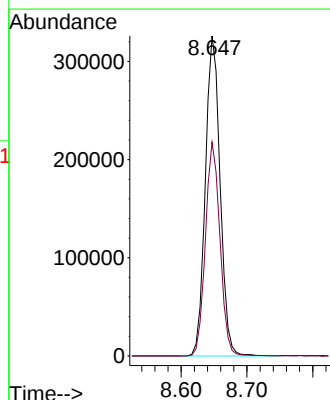
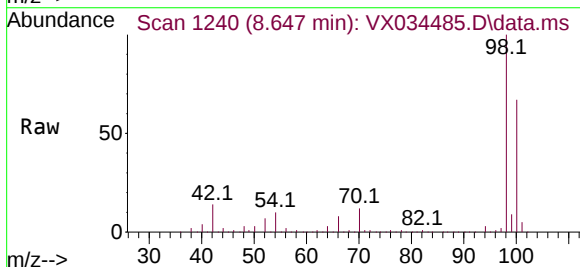
Instrument :
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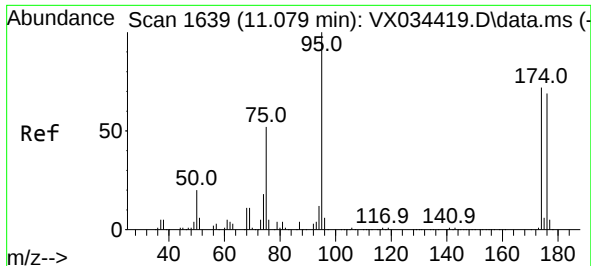
Tgt Ion:113 Resp: 134955
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.9 15.4 23.2



#50
Toluene-d8
Concen: 48.168 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

Tgt Ion: 98 Resp: 509168
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

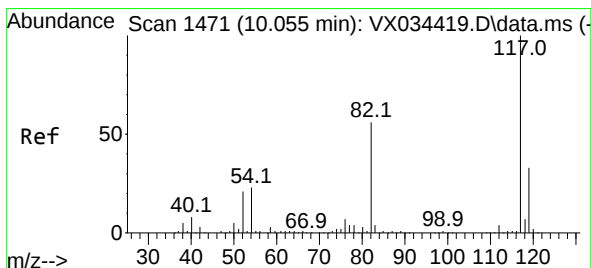
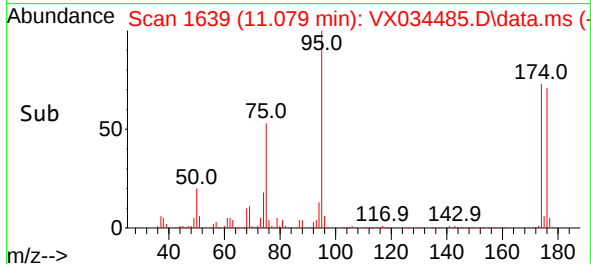
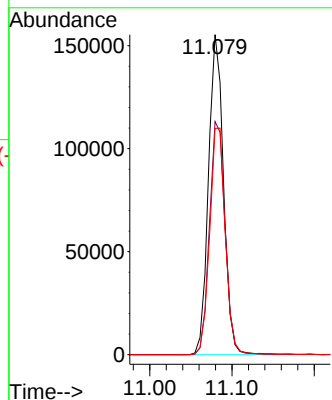
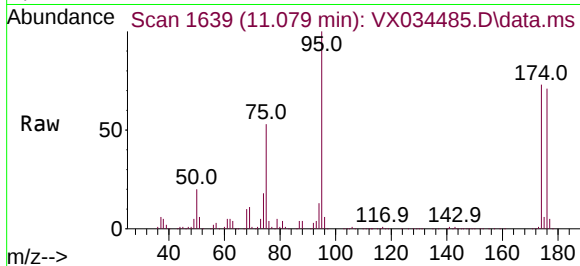




#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

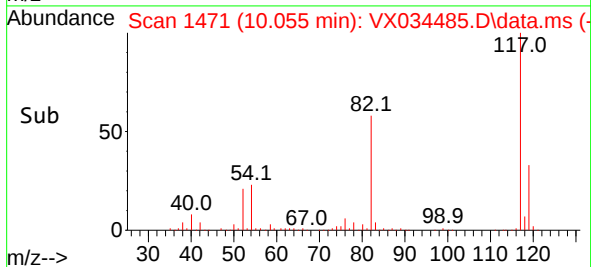
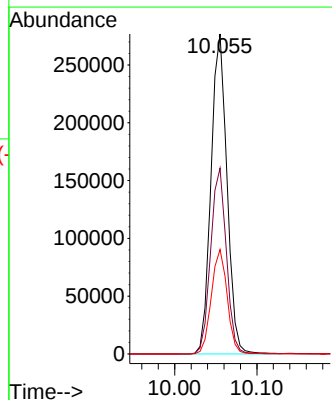
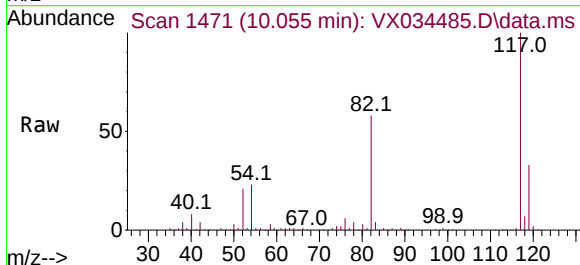
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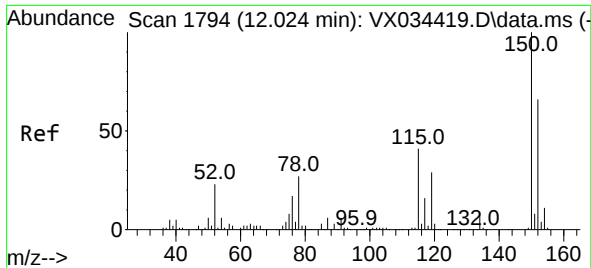
Tgt Ion: 95 Resp: 197101
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.4
176 73.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034485.D
Acq: 15 Mar 2023 05:50

Tgt Ion: 117 Resp: 372926
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.7 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: VX034485.D

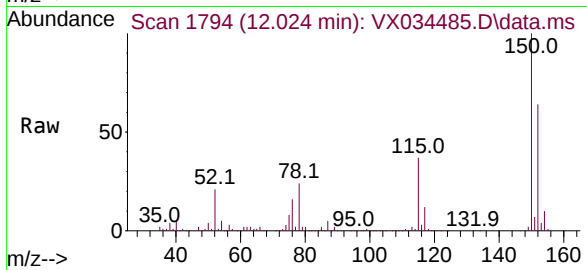
Acq: 15 Mar 2023 05:50

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20230312



Tgt Ion:152 Resp: 165491

Ion Ratio Lower Upper

152 100

115 59.6 45.0 135.0

150 157.6 0.0 352.4

