

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034463.D
 Acq On : 14 Mar 2023 14:33
 Operator : JC/MD
 Sample : 01879-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20230308

Quant Time: Mar 15 06:41:08 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)

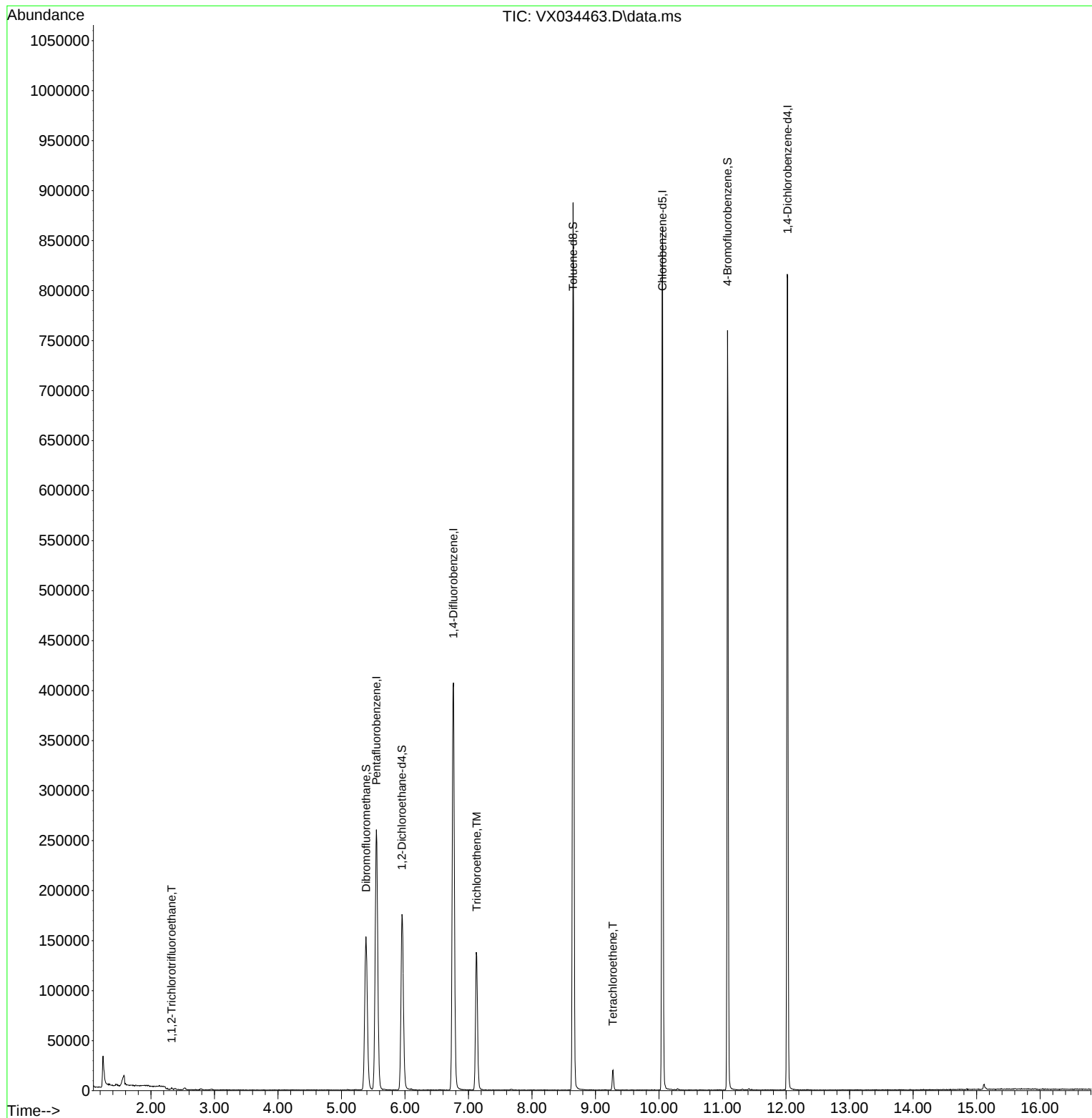
Internal Standards						
1) Pentafluorobenzene	5.550	168	246395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164600	45.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.385	113	133132	47.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	512672	49.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	196709	46.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	559	0.204	ug/l #	73
44) Trichloroethene	7.129	130	54097	16.621	ug/l	97
64) Tetrachloroethene	9.275	164	3542	1.377	ug/l	94

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

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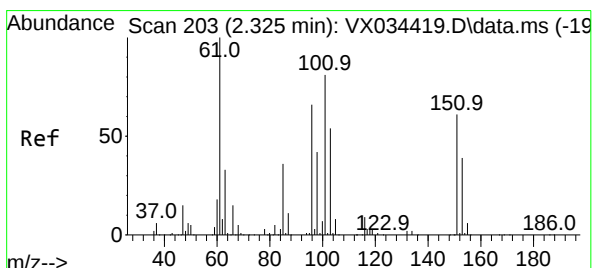
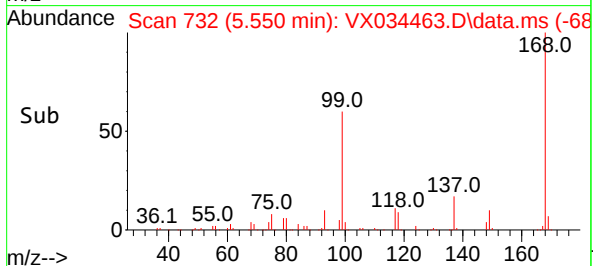
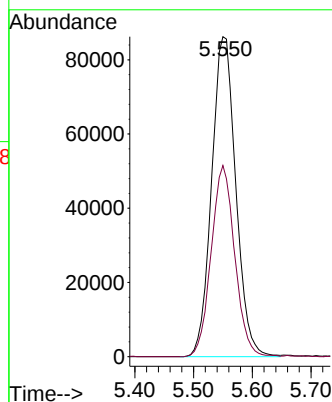
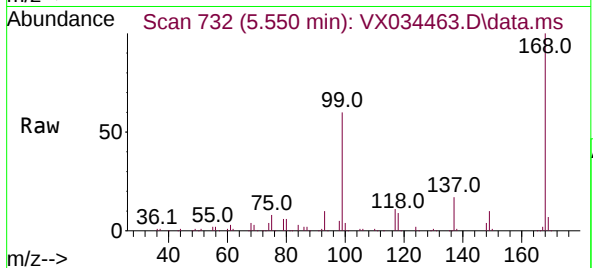




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

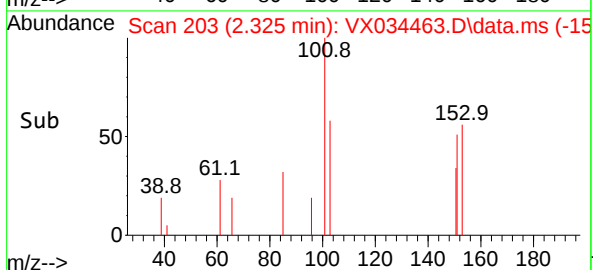
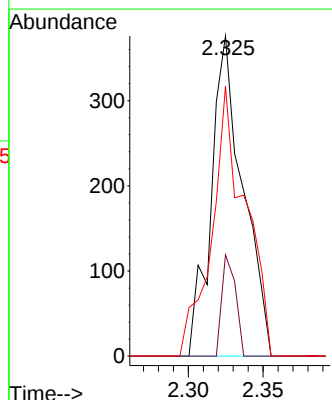
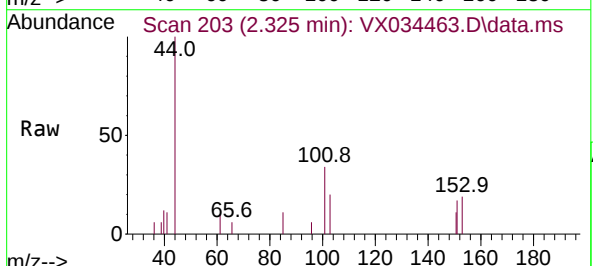
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20230308

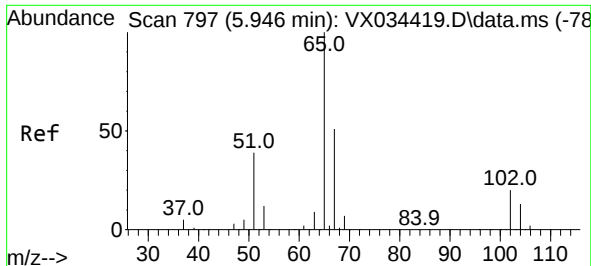
Tgt Ion:168 Resp: 246395
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.204 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion:101 Resp: 559
Ion Ratio Lower Upper
101 100
85 13.6 35.4 53.2#
151 88.2 60.2 90.4





#33

1,2-Dichloroethane-d4

Concen: 45.919 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034463.D

Acq: 14 Mar 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

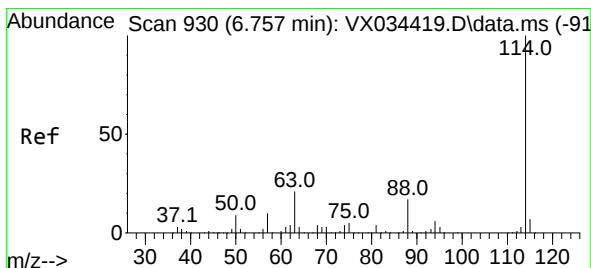
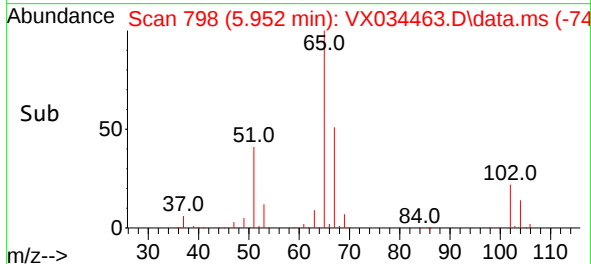
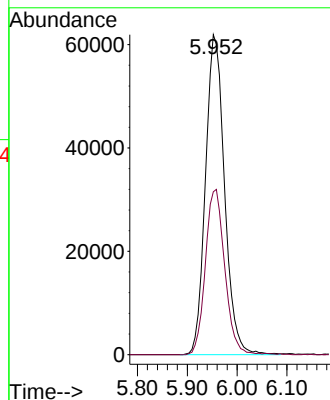
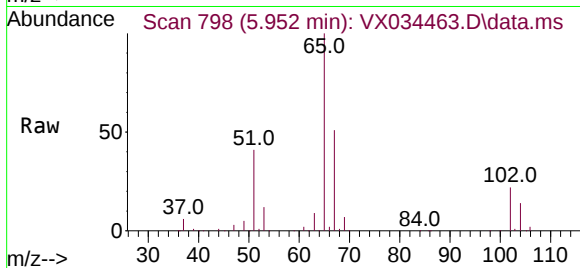
DUP01-20230308

Tgt Ion: 65 Resp: 164600

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: VX034463.D

Acq: 14 Mar 2023 14:33

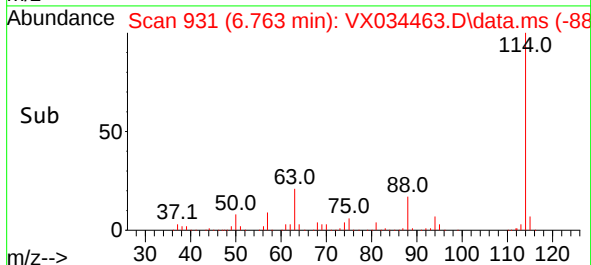
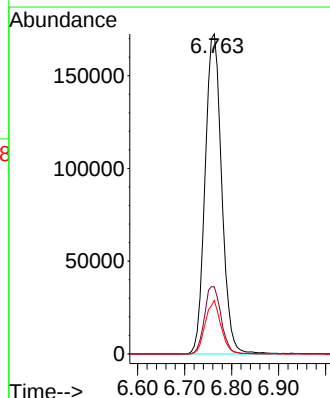
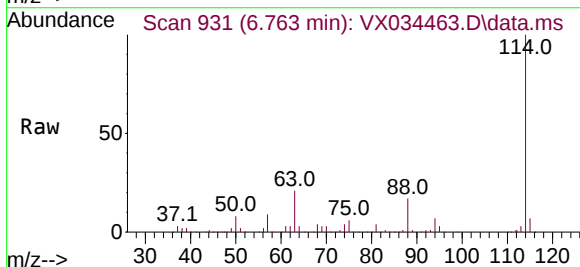
Tgt Ion: 114 Resp: 422248

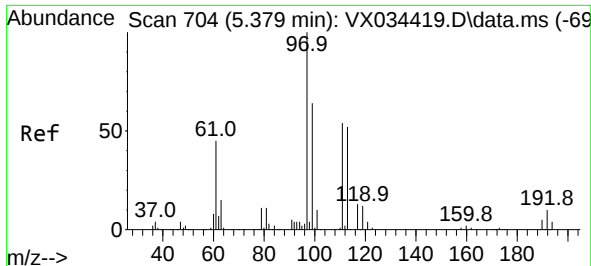
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 16.7 0.0 33.2

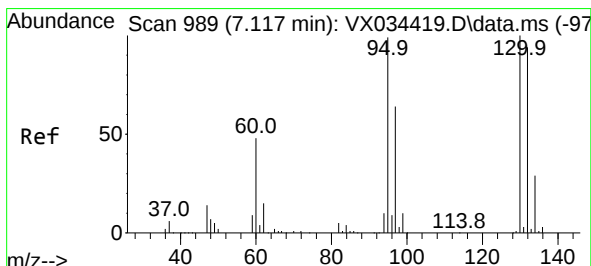
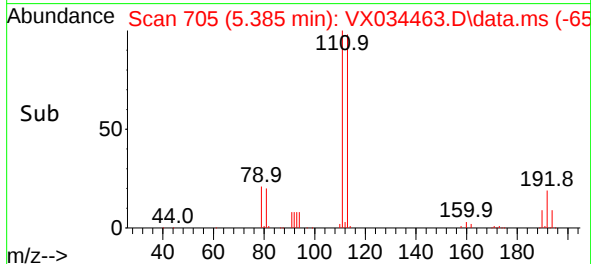
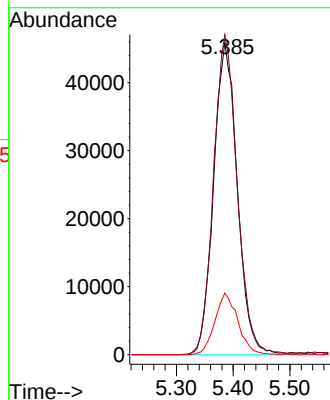
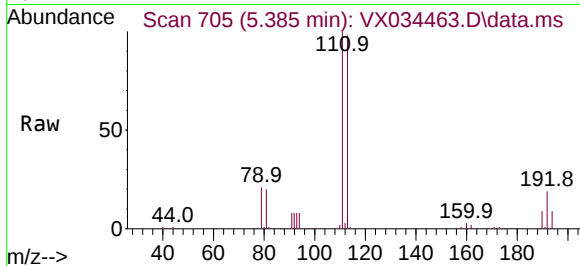




#35
Dibromofluoromethane
Concen: 47.754 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

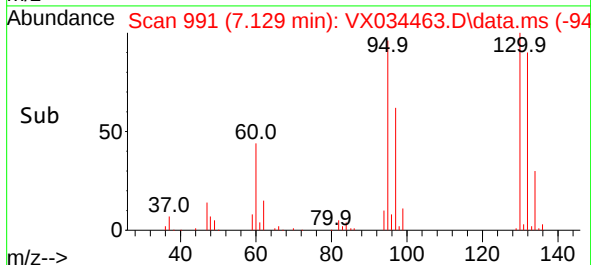
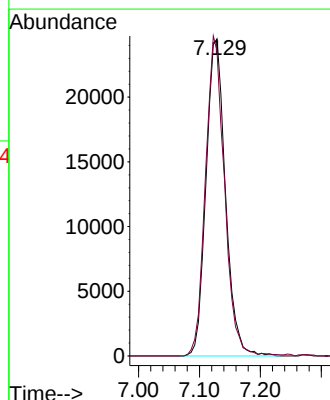
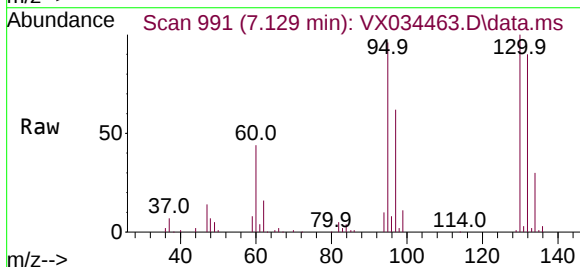
Instrument :
MSVOA_X
ClientSampleId :
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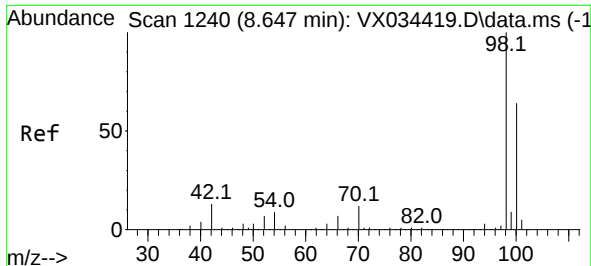
Tgt Ion:113 Resp: 133132
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 19.2 15.4 23.2



#44
Trichloroethene
Concen: 16.621 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion:130 Resp: 54097
Ion Ratio Lower Upper
130 100
95 96.2 0.0 198.4

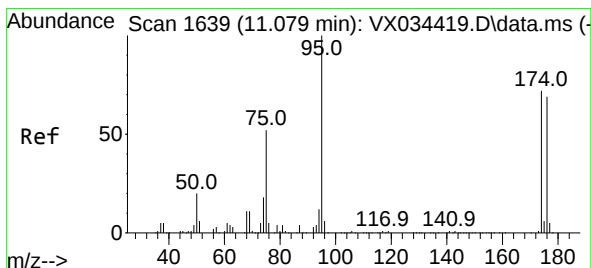
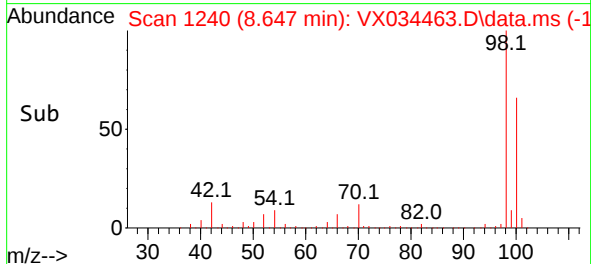
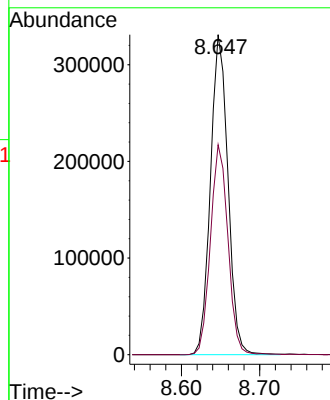
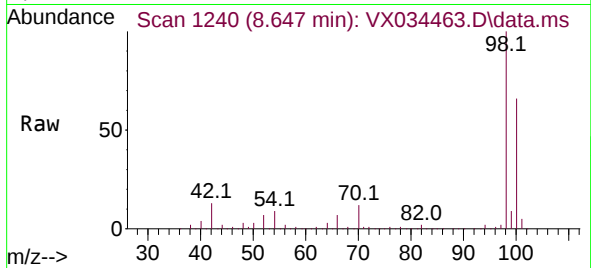




#50
Toluene-d8
Concen: 49.261 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

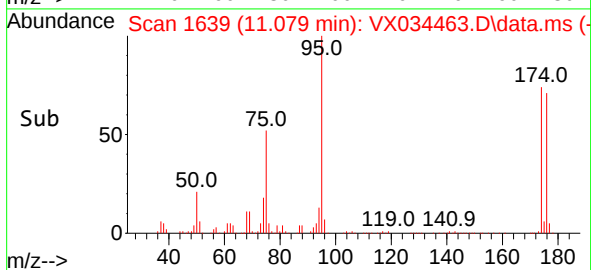
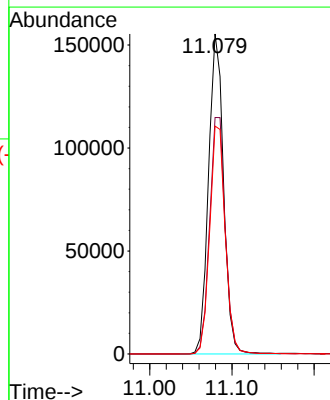
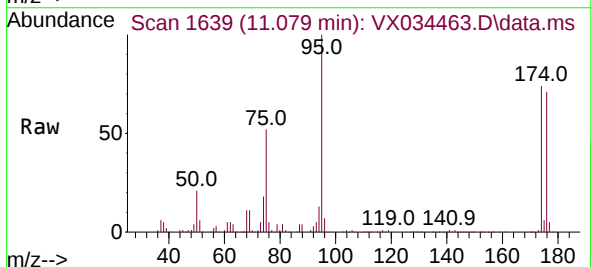
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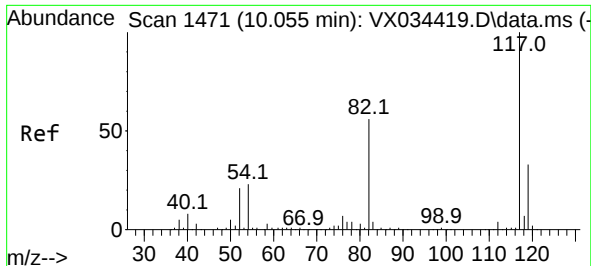
Tgt Ion: 98 Resp: 512672
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion: 95 Resp: 196709
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.4
176 74.0 0.0 140.6

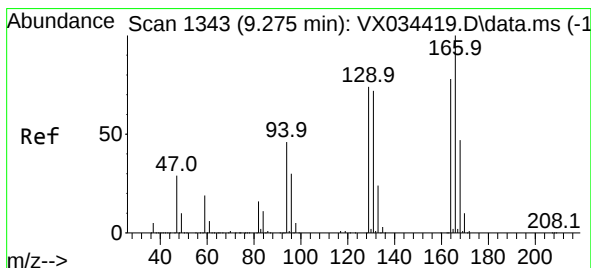
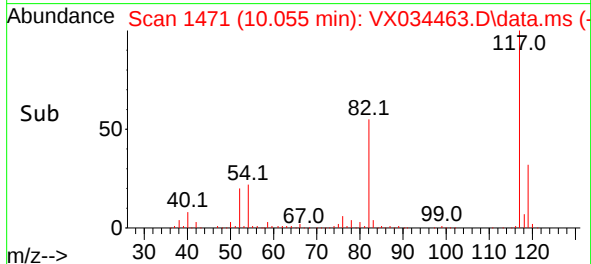
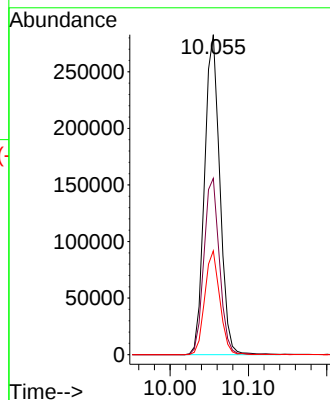
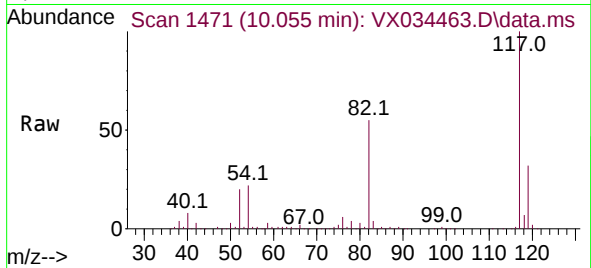




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

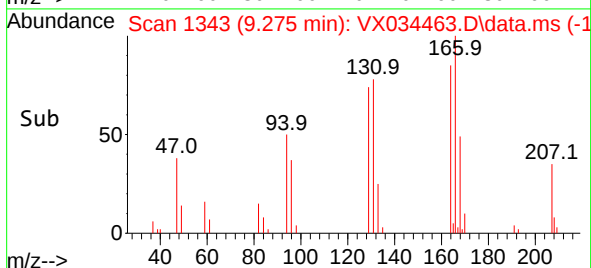
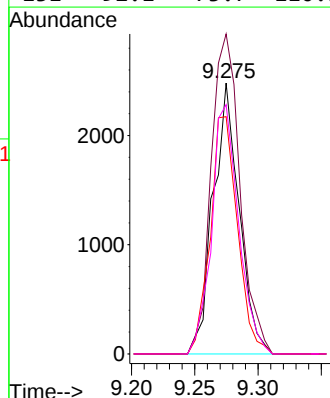
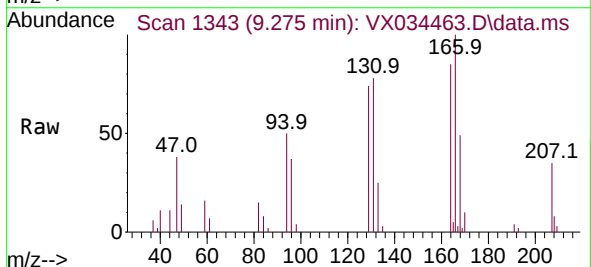
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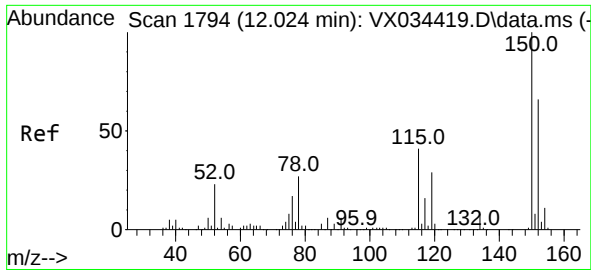
Tgt Ion:117 Resp: 382896
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 1.377 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034463.D
Acq: 14 Mar 2023 14:33

Tgt Ion:164 Resp: 3542
Ion Ratio Lower Upper
164 100
166 118.1 102.7 154.1
129 87.6 75.6 113.4
131 92.1 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034463.D

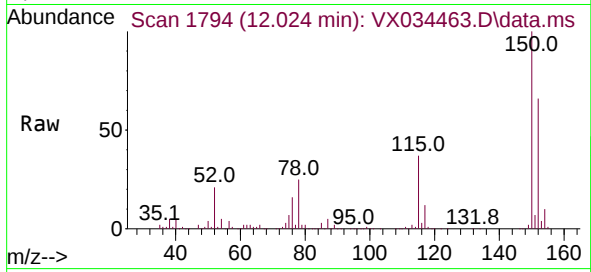
Acq: 14 Mar 2023 14:33

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20230308



Tgt Ion:152 Resp: 172796

Ion Ratio Lower Upper

152 100

115 59.2 45.0 135.0

150 154.9 0.0 352.4

