

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039006.D
 Acq On : 22 Nov 2023 16:32
 Operator : JC/MD
 Sample : 05431-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Quant Time: Nov 23 01:35:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

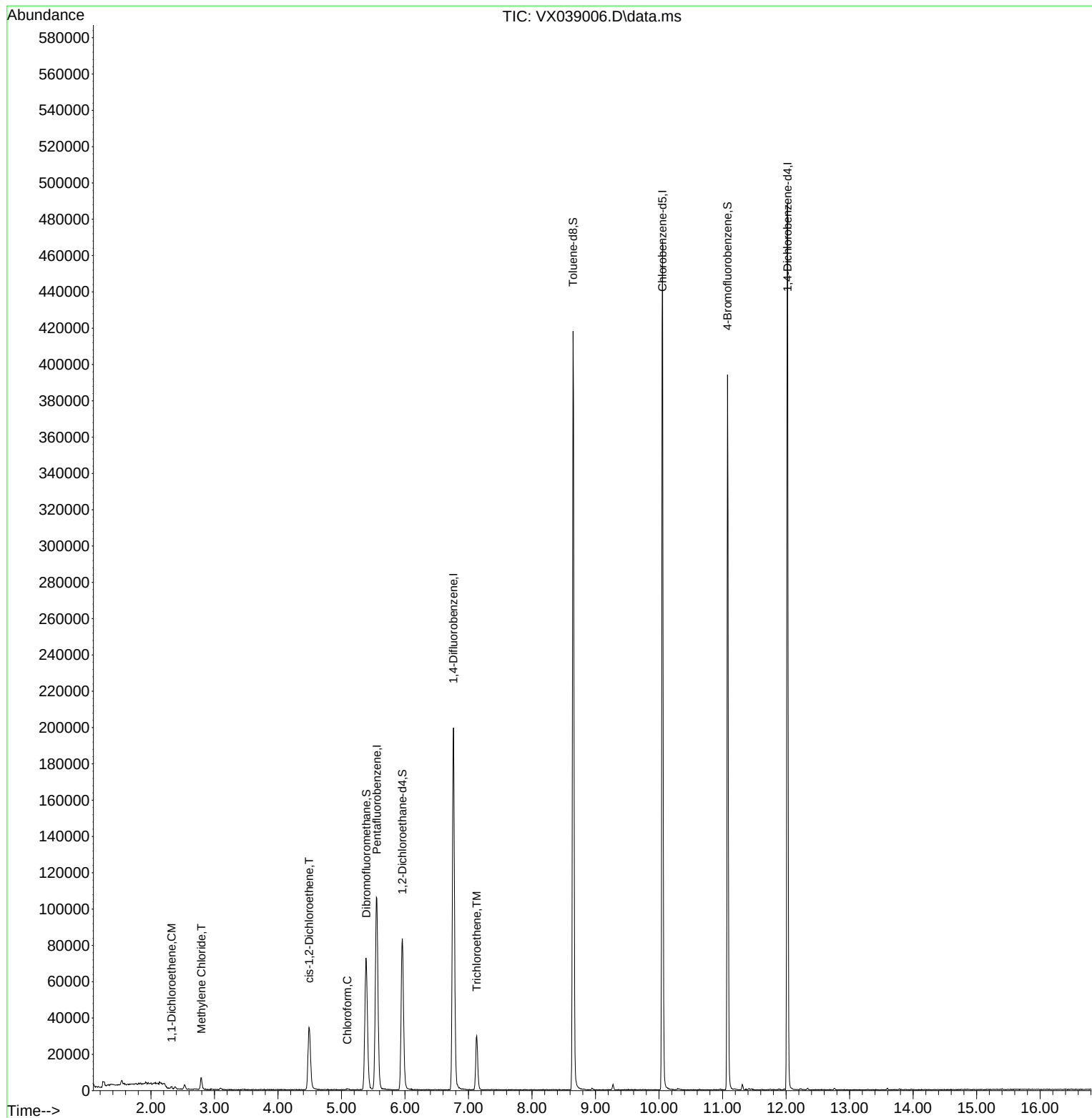
Internal Standards						
1) Pentafluorobenzene	5.556	168	92960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79662	53.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.360%
35) Dibromofluoromethane	5.391	113	63305	44.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	247855	45.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	106527	49.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	397	0.343	ug/l #	74
20) Methylene Chloride	2.794	84	2848	1.981	ug/l #	84
27) cis-1,2-Dichloroethene	4.489	96	21725	14.579	ug/l	87
30) Chloroform	5.093	83	729	0.314	ug/l #	76
44) Trichloroethene	7.129	130	10871	7.468	ug/l	99

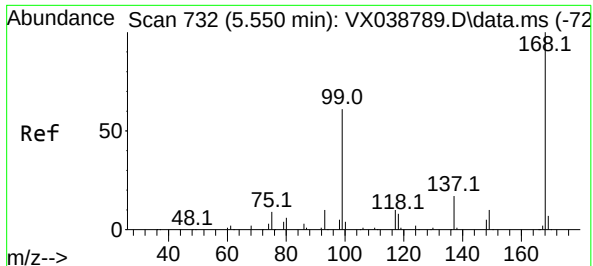
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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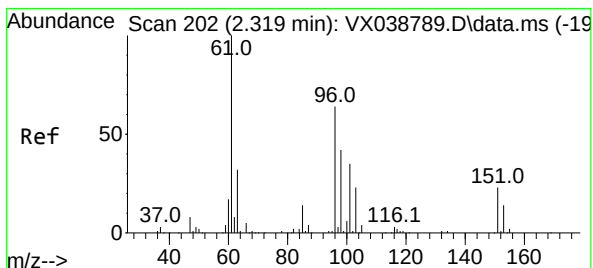
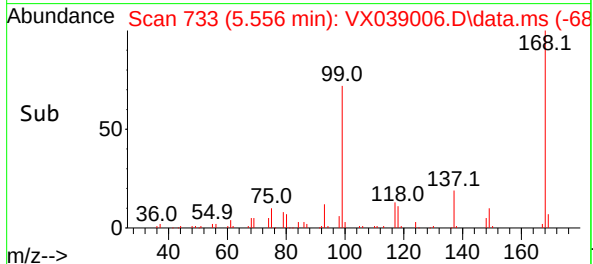
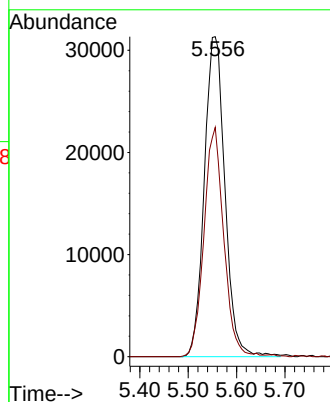
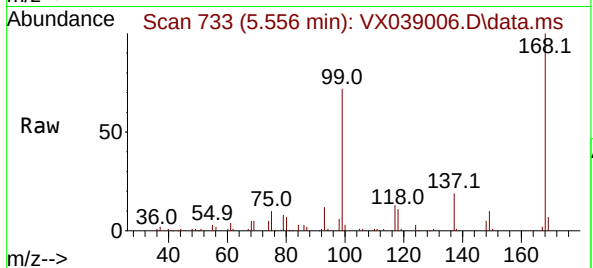




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

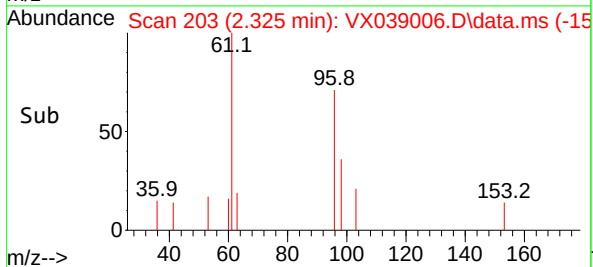
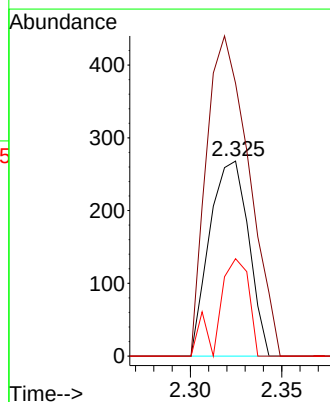
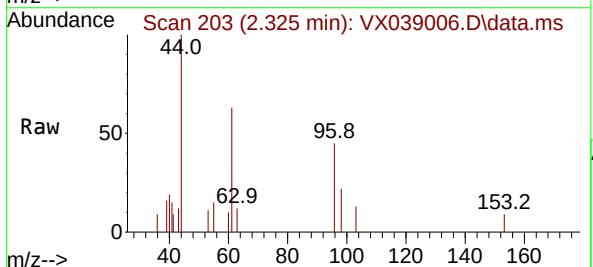
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

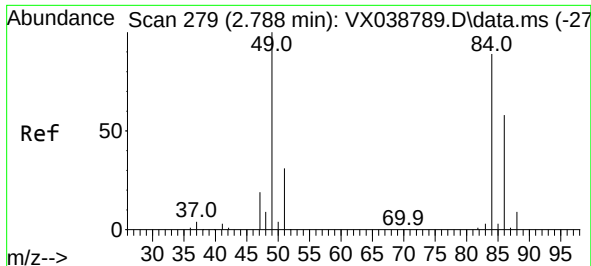
Tgt Ion:168 Resp: 92960
Ion Ratio Lower Upper
168 100
99 71.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.343 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

Tgt Ion: 96 Resp: 397
Ion Ratio Lower Upper
96 100
61 139.9 144.6 216.8#
98 50.0 50.4 75.6#





#20

Methylene Chloride

Concen: 1.981 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039006.D

Acq: 22 Nov 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

22BR-20231113

Tgt Ion: 84 Resp: 2848

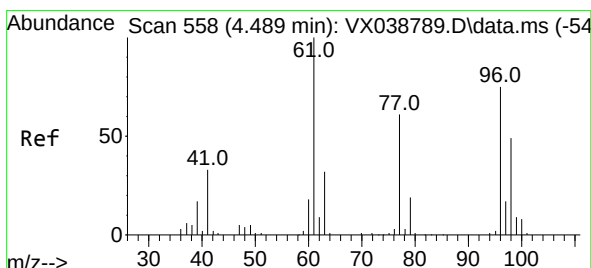
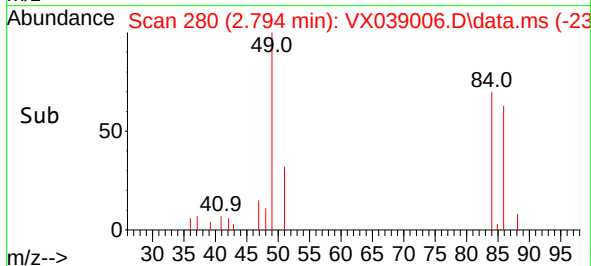
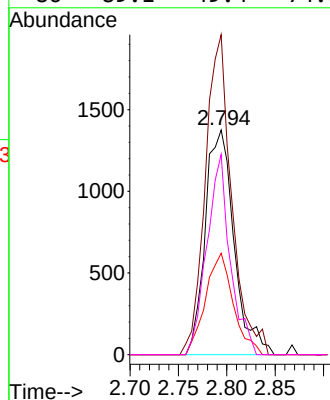
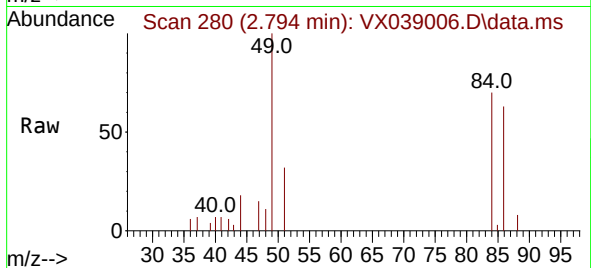
Ion Ratio Lower Upper

84 100

49 142.5 103.6 155.4

51 45.2 33.8 50.6

86 89.1 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 14.579 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX039006.D

Acq: 22 Nov 2023 16:32

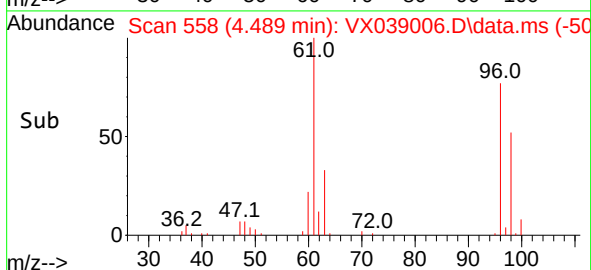
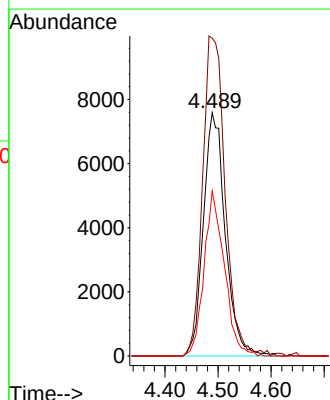
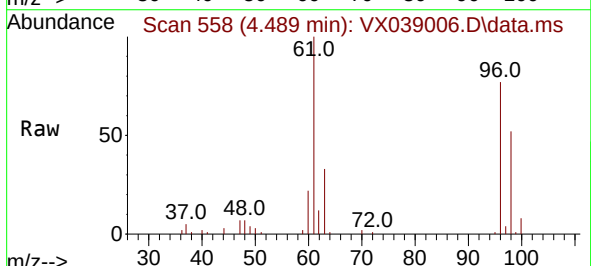
Tgt Ion: 96 Resp: 21725

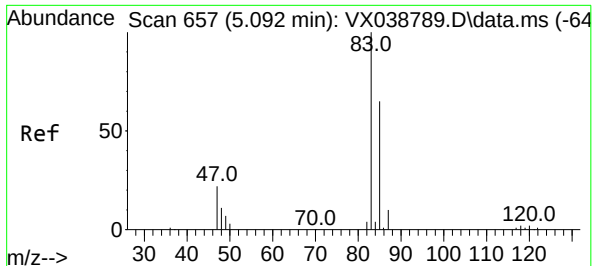
Ion Ratio Lower Upper

96 100

61 134.3 0.0 312.2

98 62.7 0.0 129.0





#30

Chloroform

Concen: 0.314 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039006.D

Acq: 22 Nov 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

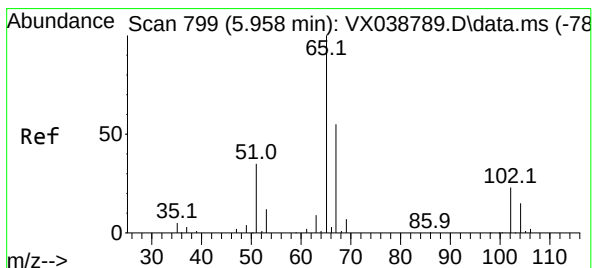
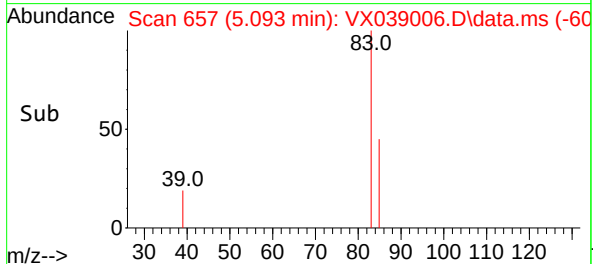
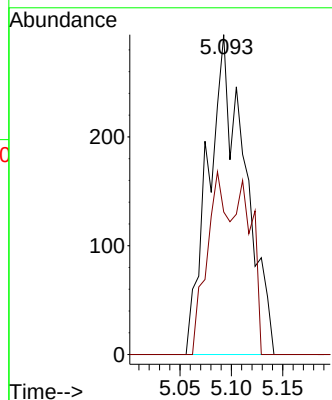
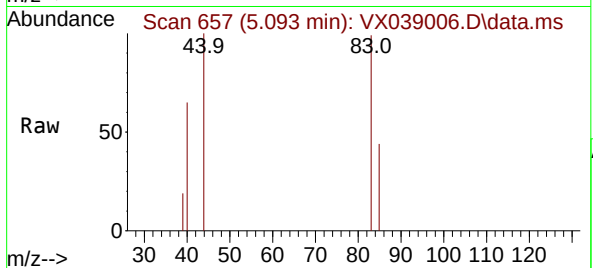
22BR-20231113

Tgt Ion: 83 Resp: 729

Ion Ratio Lower Upper

83 100

85 44.6 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 53.182 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX039006.D

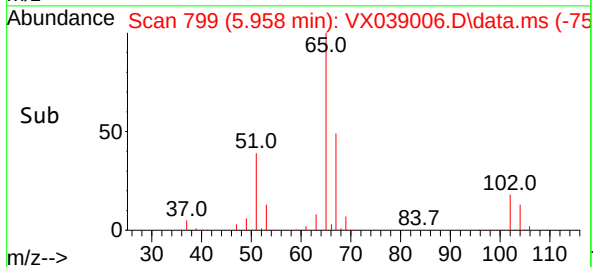
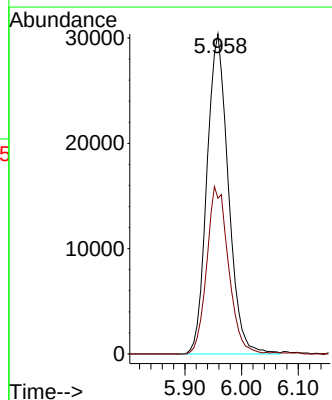
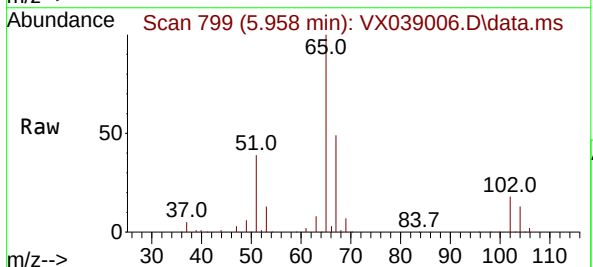
Acq: 22 Nov 2023 16:32

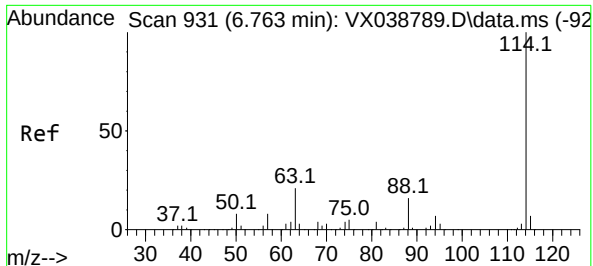
Tgt Ion: 65 Resp: 79662

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2

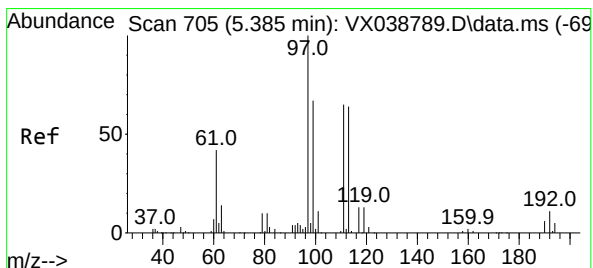
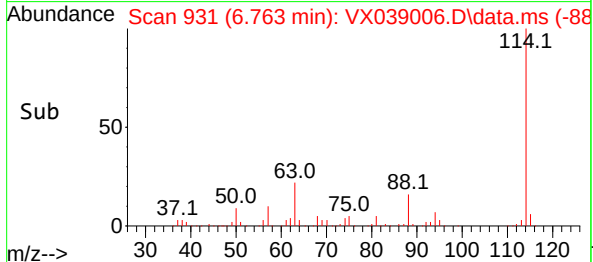
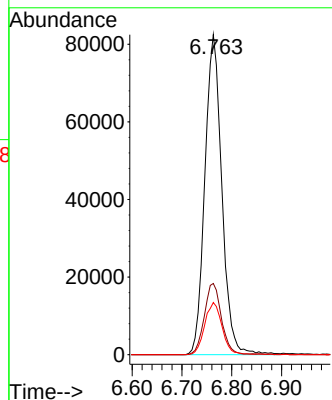
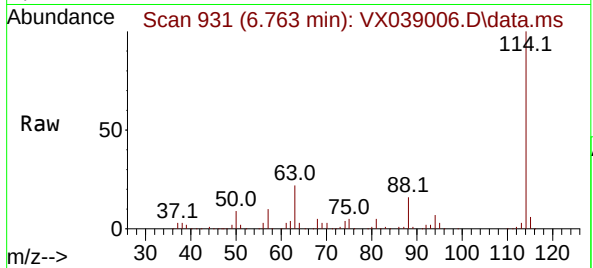




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

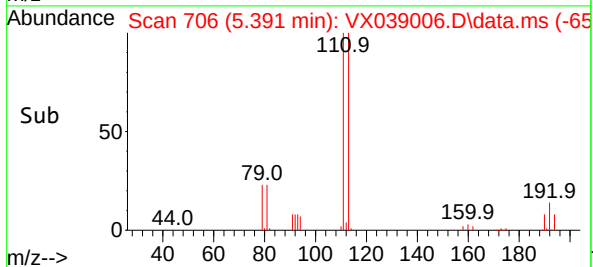
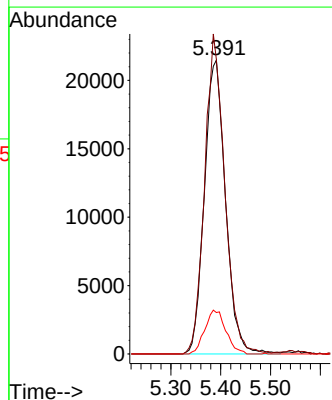
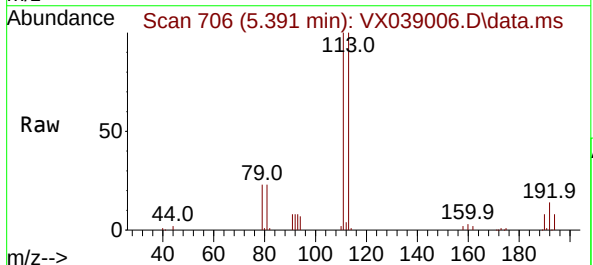
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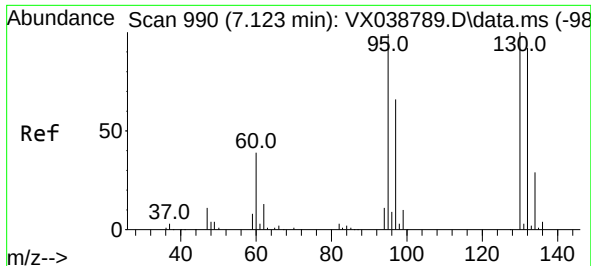
Tgt Ion:114 Resp: 195331
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.874 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

Tgt Ion:113 Resp: 63305
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 14.8 13.3 19.9

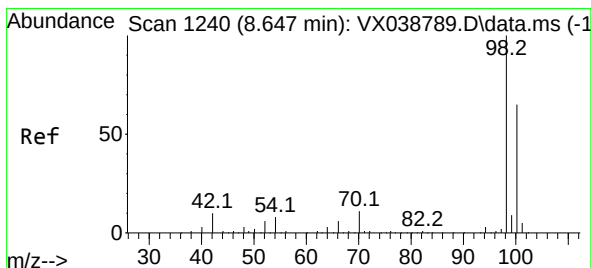
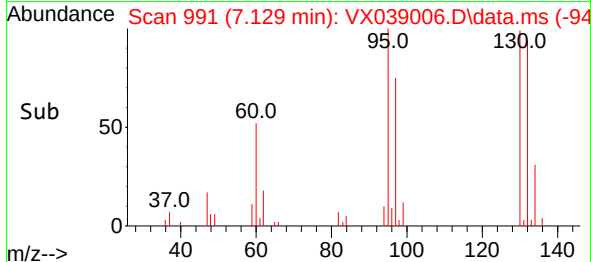
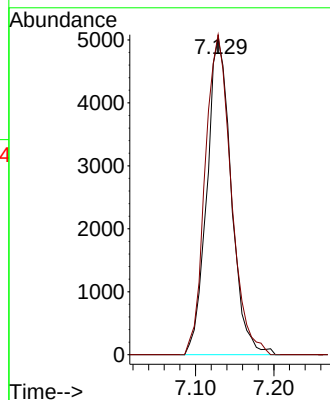
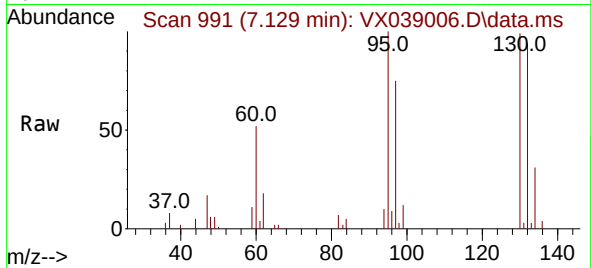




#44
Trichloroethene
Concen: 7.468 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

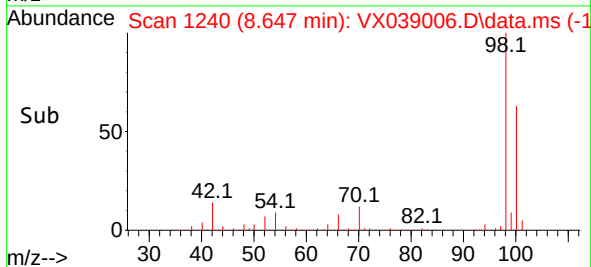
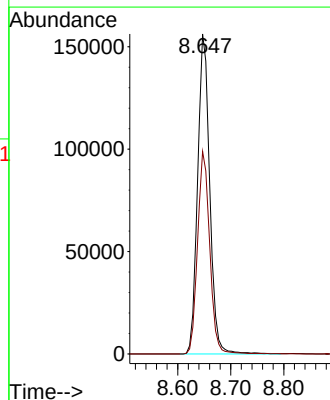
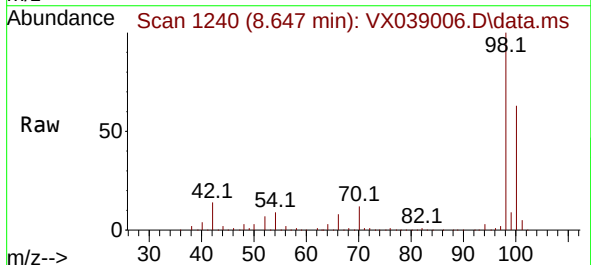
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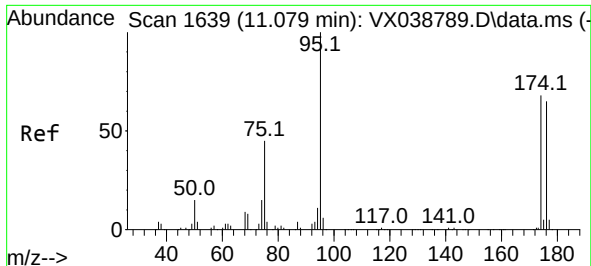
Tgt Ion:130 Resp: 10871
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4



#50
Toluene-d8
Concen: 45.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

Tgt Ion: 98 Resp: 247855
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

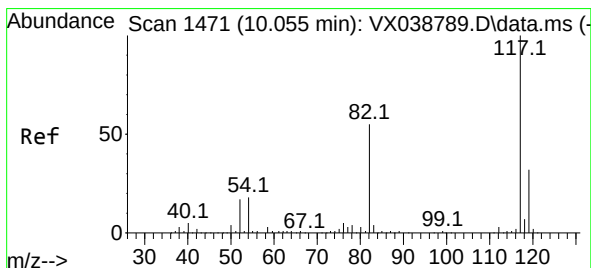
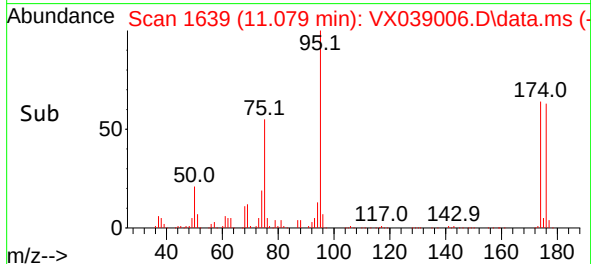
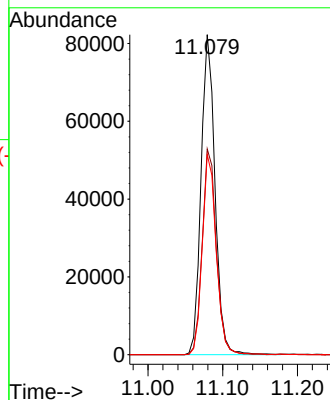
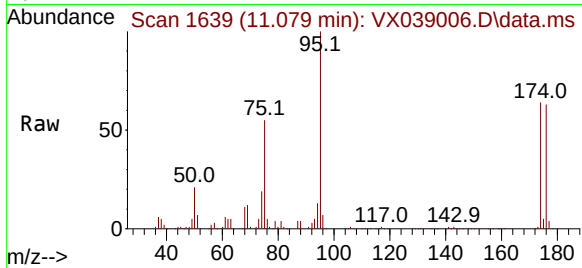




#62
4-Bromofluorobenzene
Concen: 49.303 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

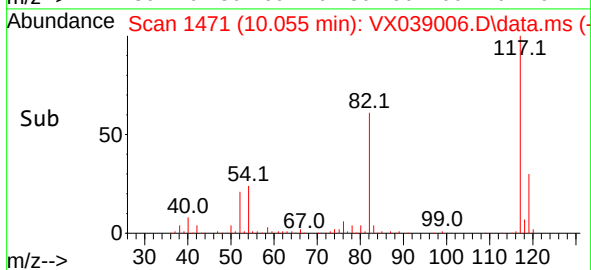
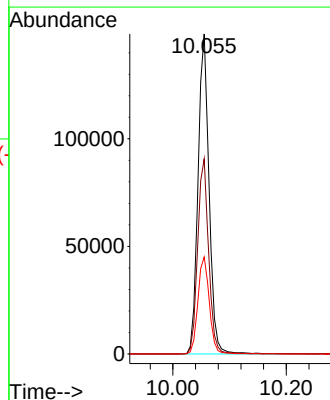
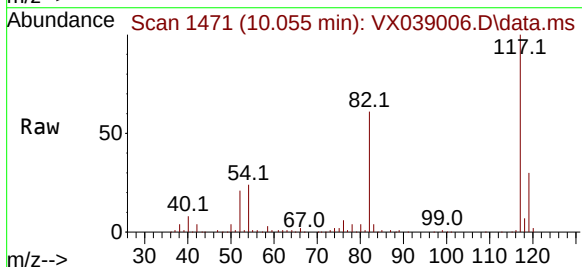
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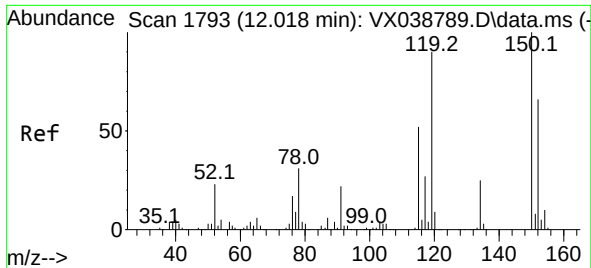
Tgt Ion: 95 Resp: 106527
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 62.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039006.D
Acq: 22 Nov 2023 16:32

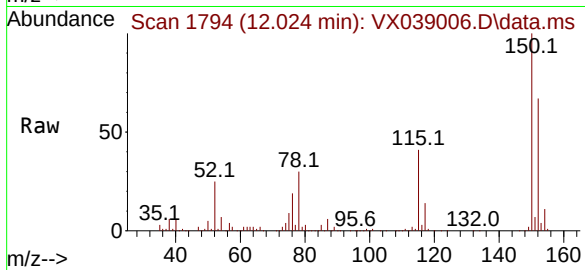
Tgt Ion: 117 Resp: 200289
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 30.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039006.D
 Acq: 22 Nov 2023 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113



Tgt Ion:152 Resp: 99140
 Ion Ratio Lower Upper
 152 100
 115 65.6 43.3 129.9
 150 155.9 0.0 345.0

