

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038776.D
 Acq On : 13 Nov 2023 13:13
 Operator : JC/MD
 Sample : 05358-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20231108DL

Quant Time: Nov 14 05:31:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

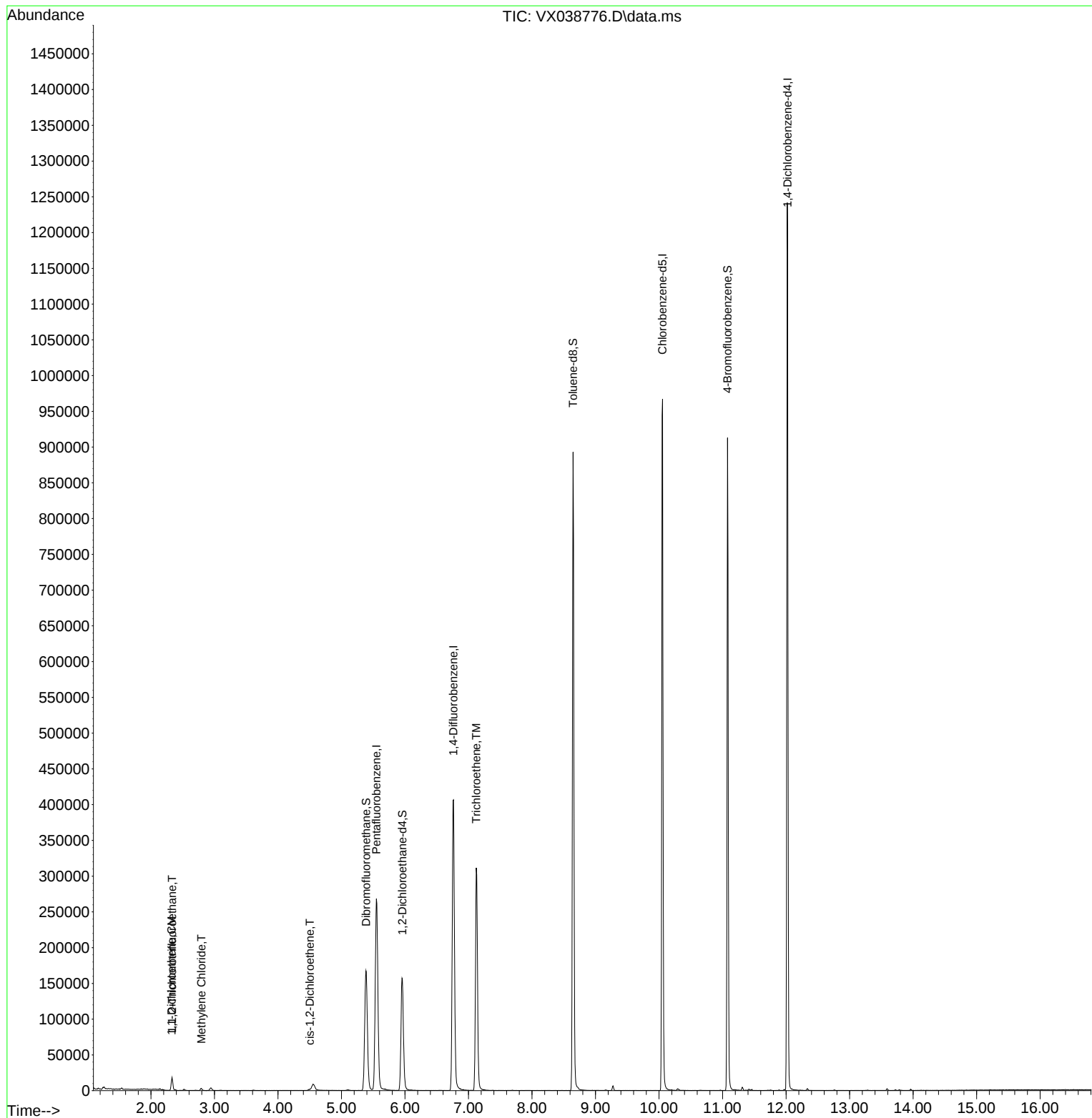
Internal Standards						
1) Pentafluorobenzene	5.550	168	281923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	291534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160777	45.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.385	113	151634	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	554534	46.474	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	243924	52.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.460%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	6004	2.186	ug/l	93
12) 1,1-Dichloroethene	2.325	96	1229	0.467	ug/l	# 78
20) Methylene Chloride	2.794	84	1614	0.542	ug/l	# 75
27) cis-1,2-Dichloroethene	4.501	96	1240	0.375	ug/l	92
44) Trichloroethene	7.123	130	133406	35.939	ug/l	93

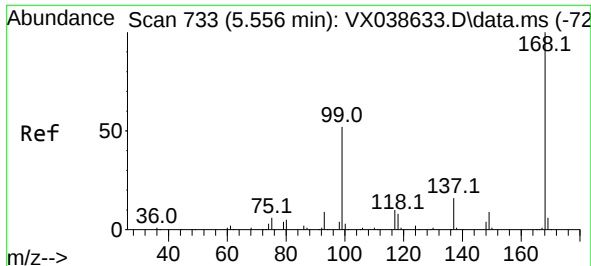
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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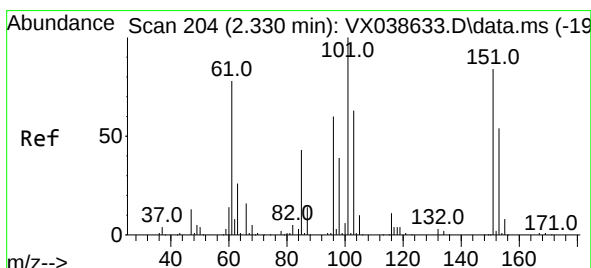
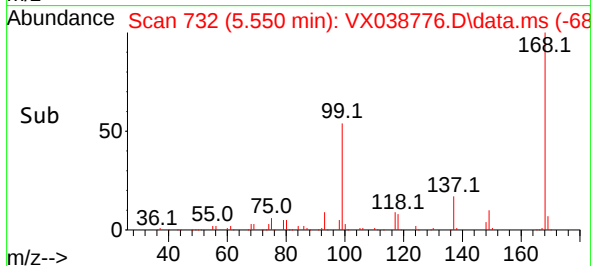
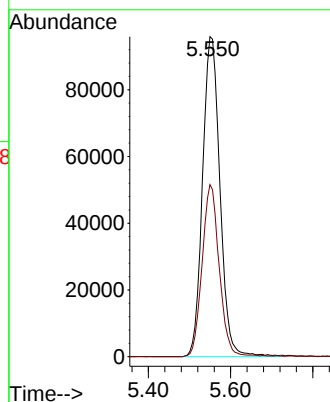
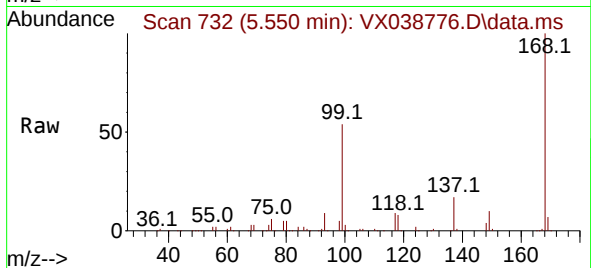




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

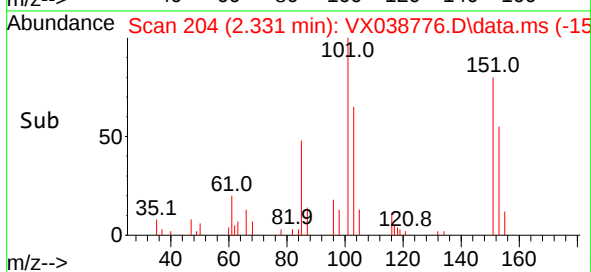
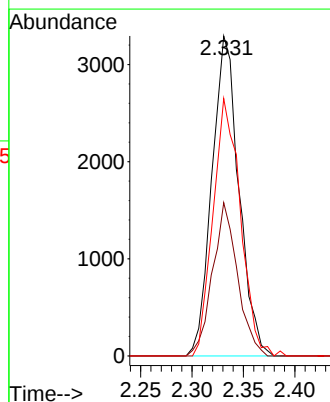
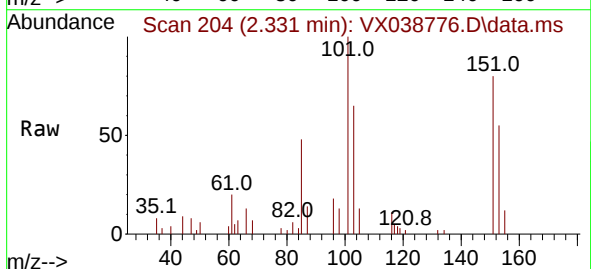
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108DL

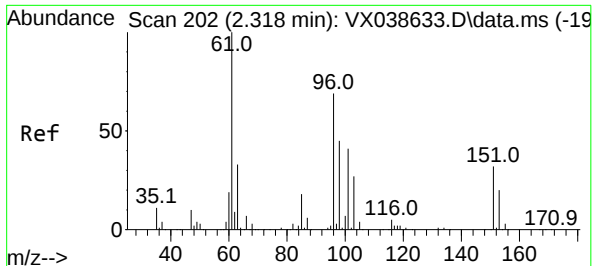
Tgt Ion:168 Resp: 281923
Ion Ratio Lower Upper
168 100
99 53.8 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.186 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion:101 Resp: 6004
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 81.7 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.467 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20231108DL

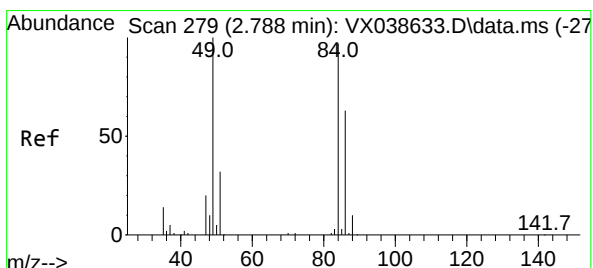
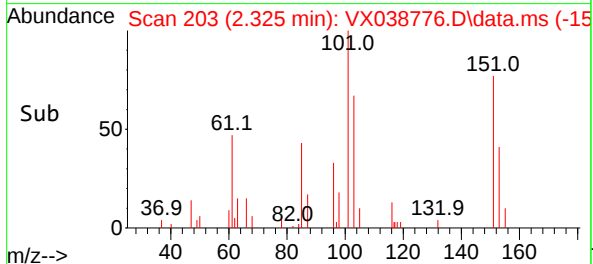
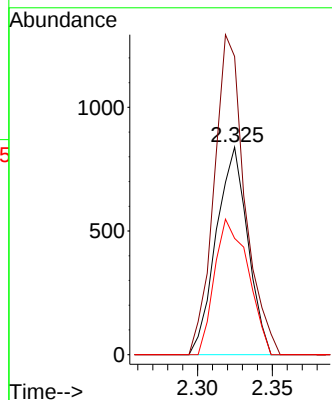
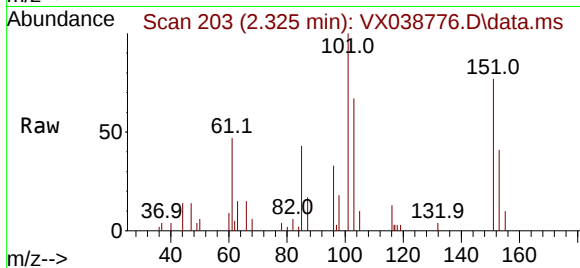
Tgt Ion: 96 Resp: 1229

Ion Ratio Lower Upper

96 100

61 143.7 144.6 216.8#

98 56.0 50.4 75.6



#20

Methylene Chloride

Concen: 0.542 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

Tgt Ion: 84 Resp: 1614

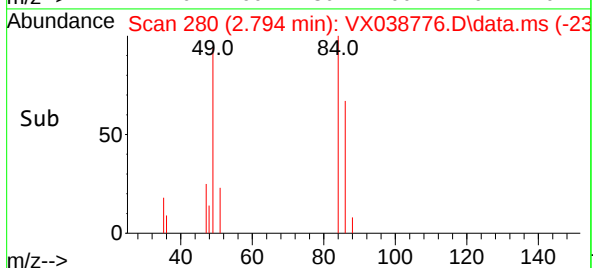
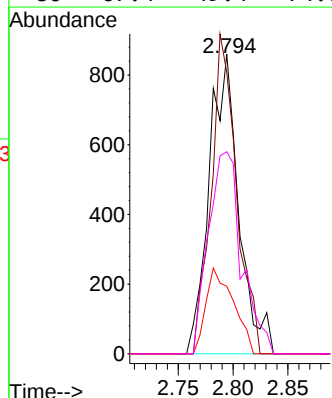
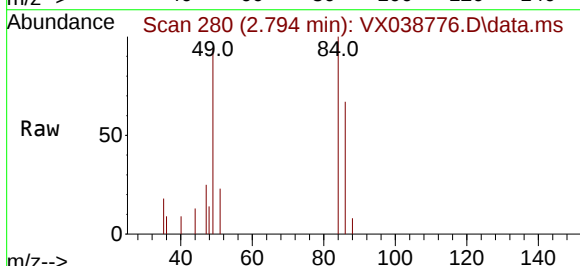
Ion Ratio Lower Upper

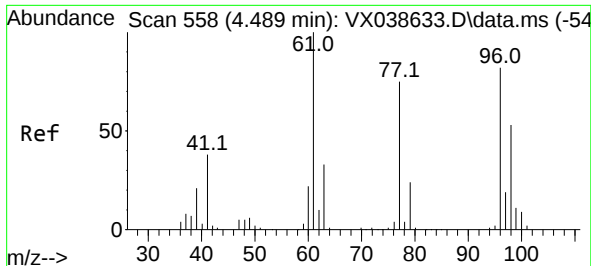
84 100

49 94.0 103.6 155.4#

51 22.6 33.8 50.6#

86 67.4 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.375 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX038776.D

Acq: 13 Nov 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20231108DL

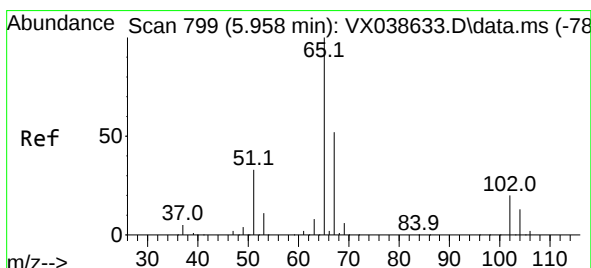
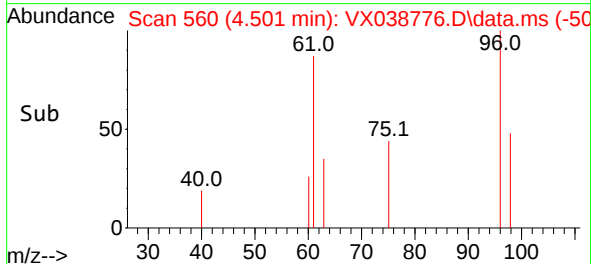
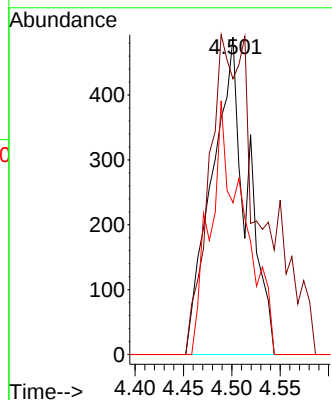
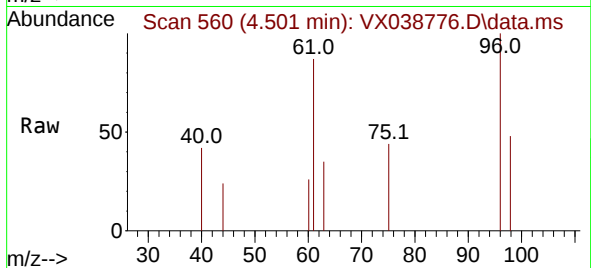
Tgt Ion: 96 Resp: 1240

Ion Ratio Lower Upper

96 100

61 149.6 0.0 312.2

98 75.6 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 45.807 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038776.D

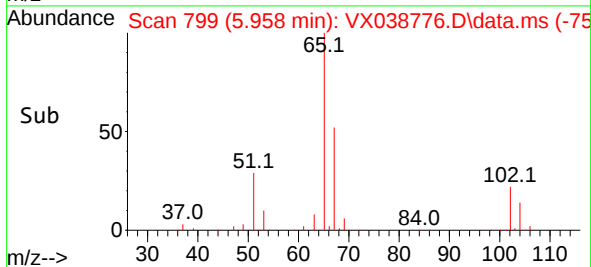
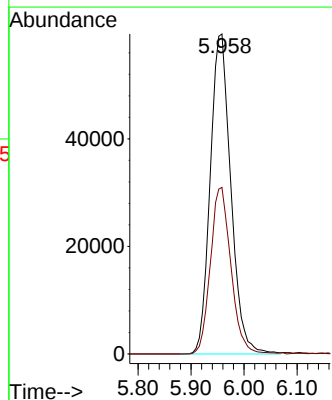
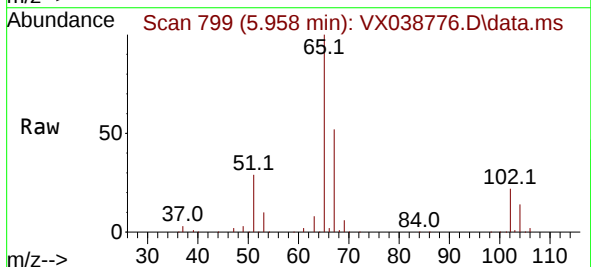
Acq: 13 Nov 2023 13:13

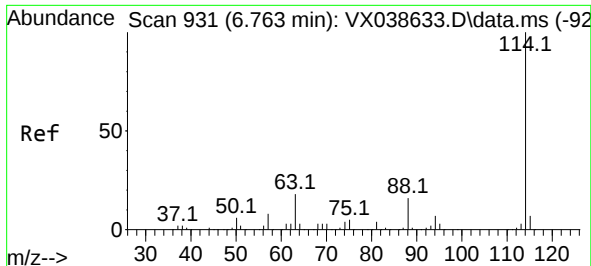
Tgt Ion: 65 Resp: 160777

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

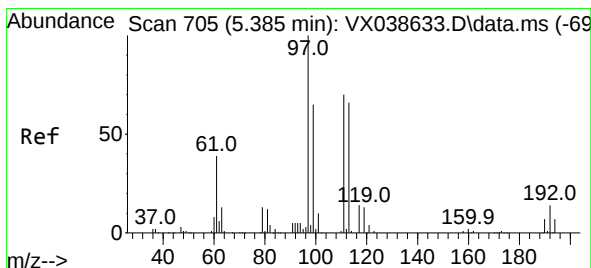
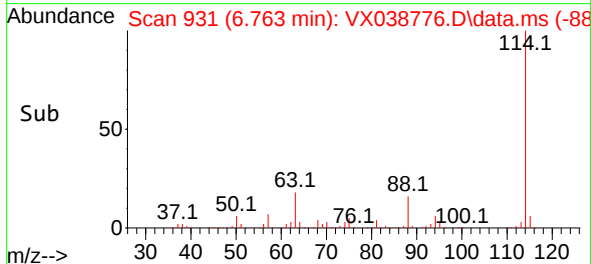
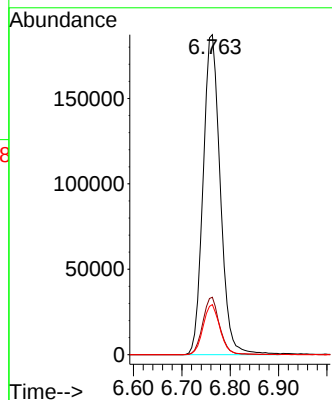
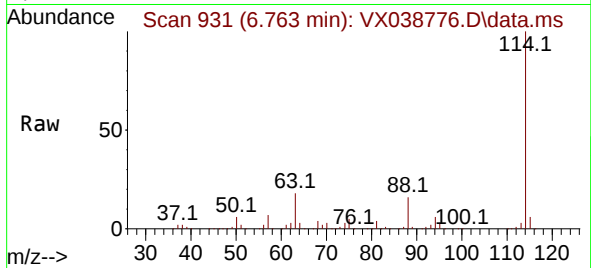




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

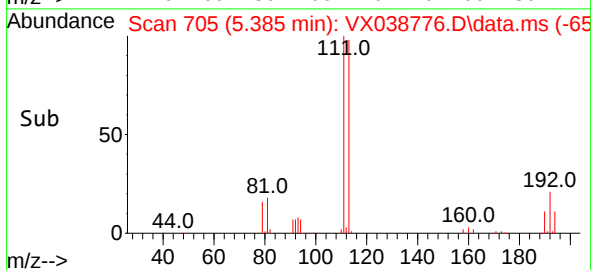
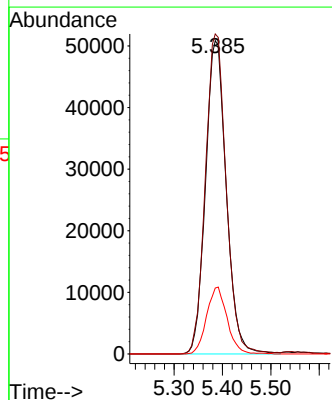
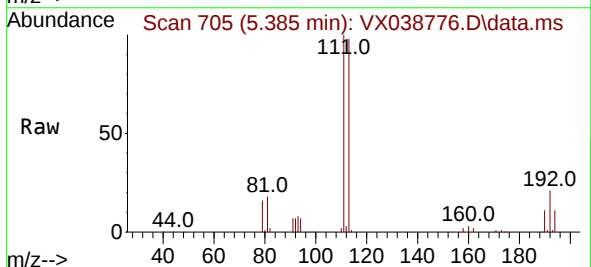
Instrument :
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ClientSampleId :
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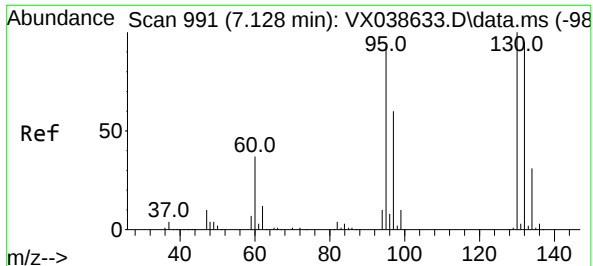
Tgt Ion:114 Resp: 462977
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion:113 Resp: 151634
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 21.1 13.3 19.9#

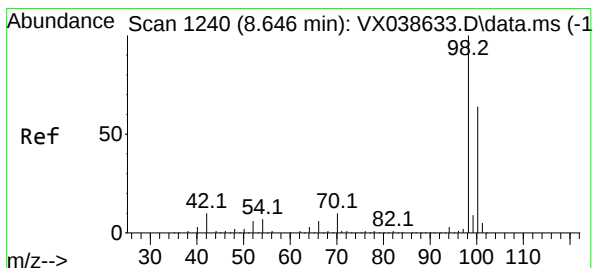
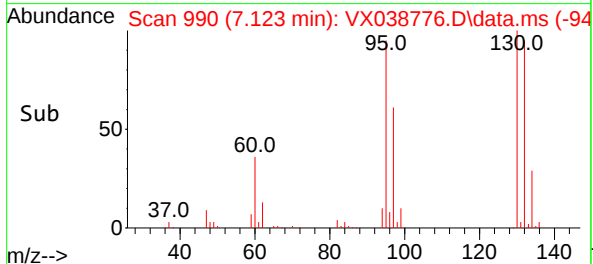
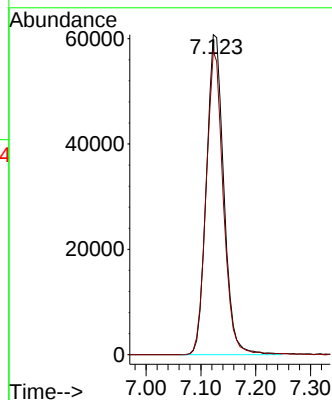
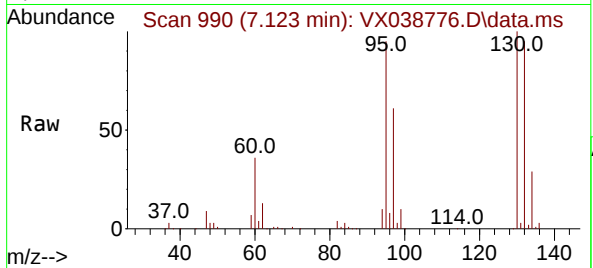




#44
Trichloroethene
Concen: 35.939 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

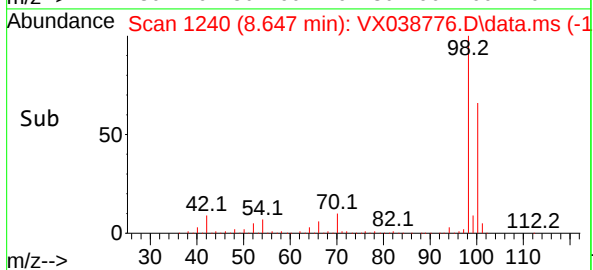
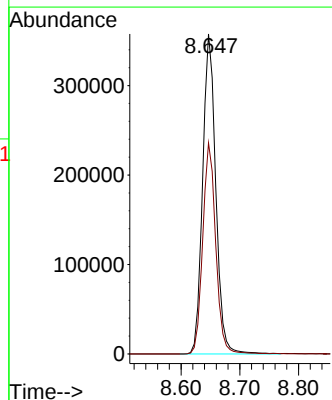
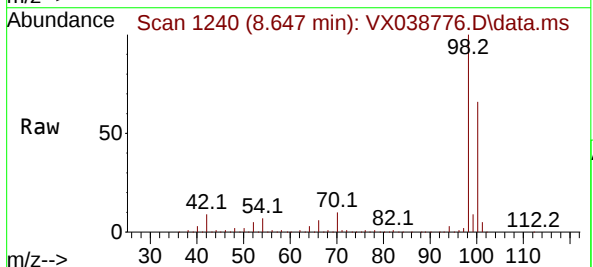
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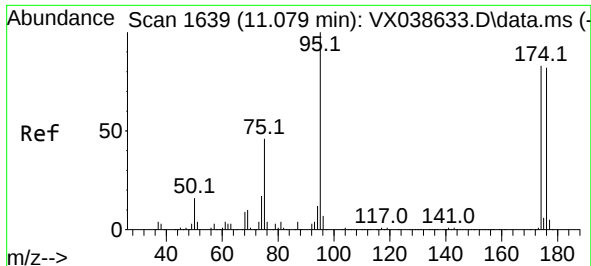
Tgt Ion:130 Resp: 133406
Ion Ratio Lower Upper
130 100
95 94.8 0.0 204.4



#50
Toluene-d8
Concen: 46.474 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 98 Resp: 554534
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

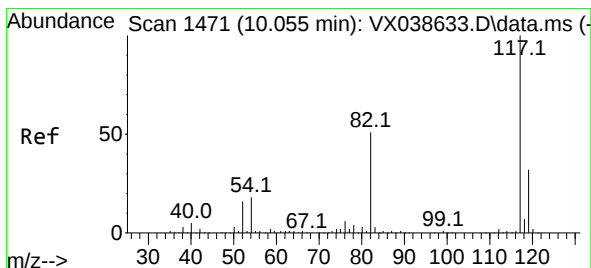
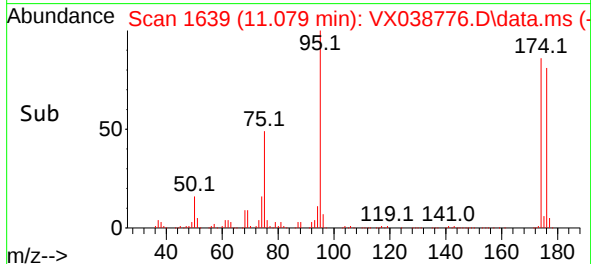
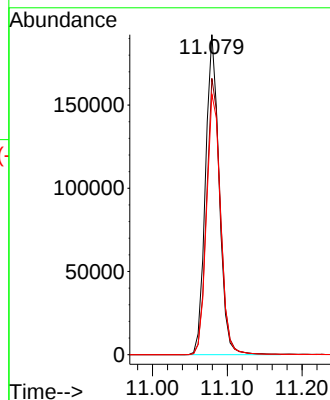
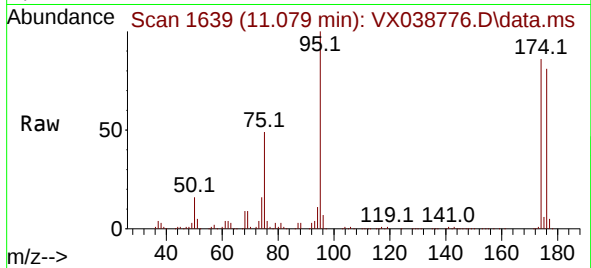




#62
4-Bromofluorobenzene
Concen: 52.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

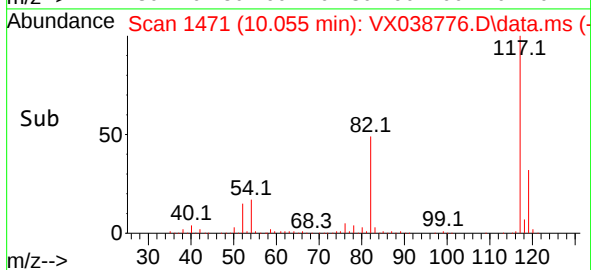
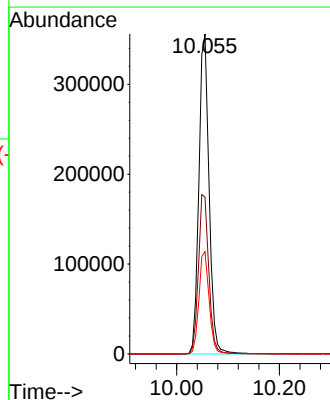
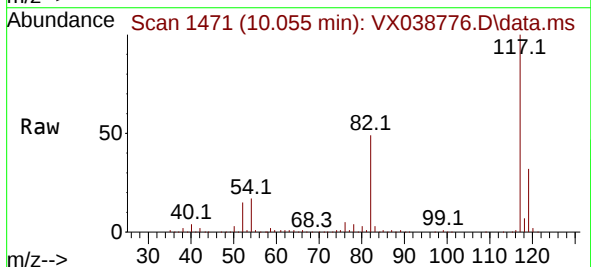
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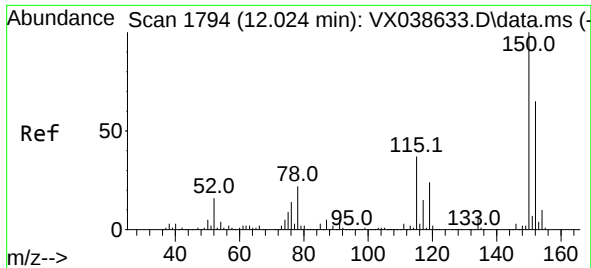
Tgt Ion: 95 Resp: 243924
Ion Ratio Lower Upper
95 100
174 87.9 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038776.D
Acq: 13 Nov 2023 13:13

Tgt Ion: 117 Resp: 490894
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038776.D

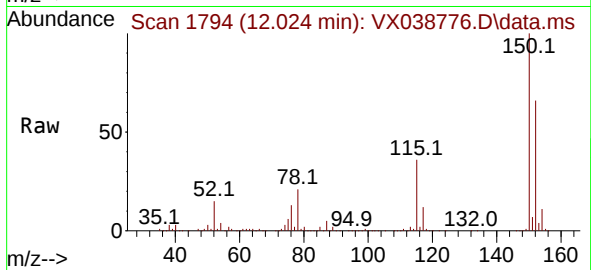
Acq: 13 Nov 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20231108DL



Tgt Ion:152 Resp: 291534

Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 154.1 0.0 345.0

