

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043161.D
 Acq On : 25 Sep 2024 18:16
 Operator : JC/MD
 Sample : P4164-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20240923

Quant Time: Sep 26 01:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

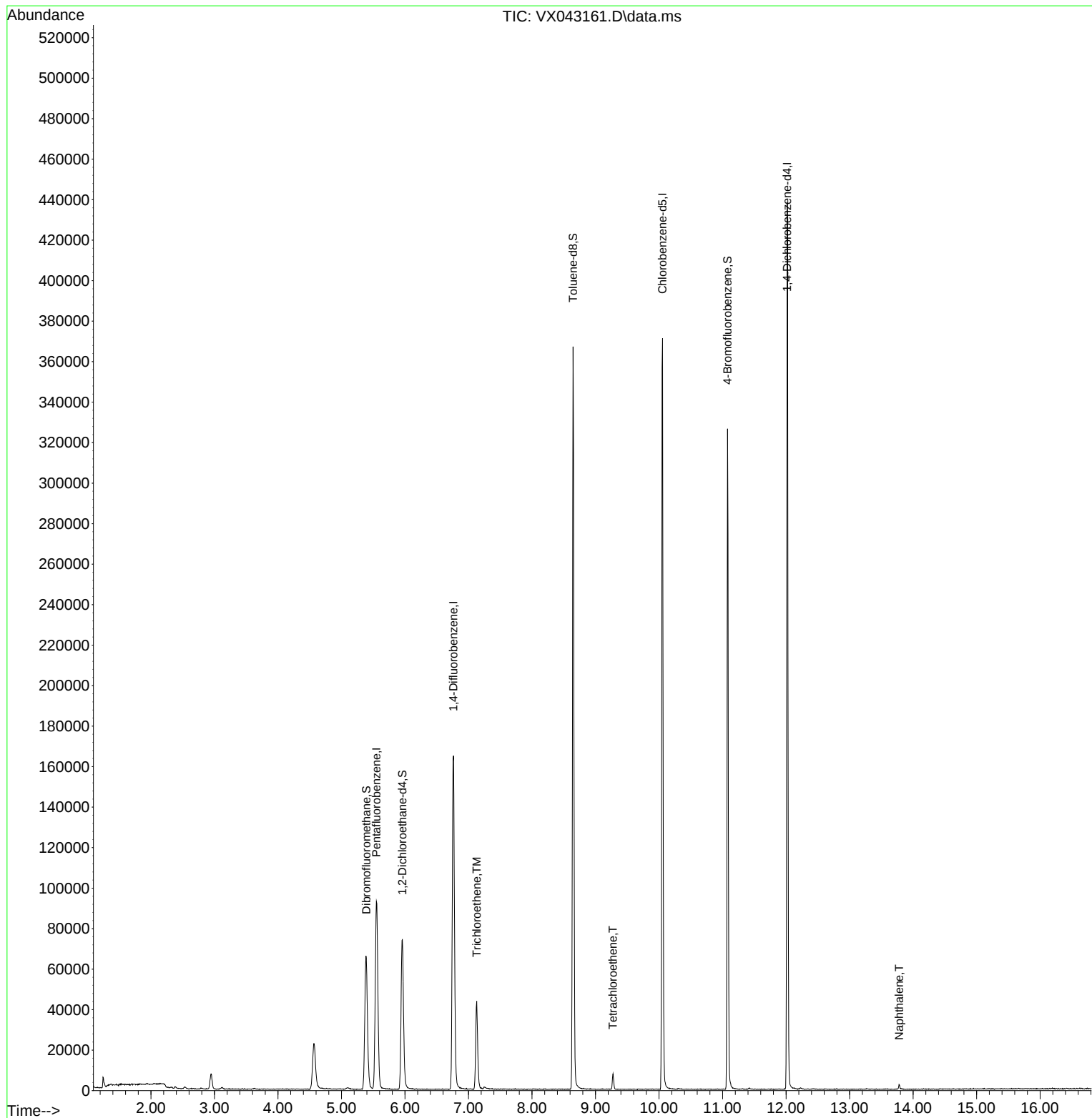
Internal Standards						
1) Pentafluorobenzene	5.550	168	84917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76787	54.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.880%
35) Dibromofluoromethane	5.391	113	58767	48.841	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.680%
50) Toluene-d8	8.647	98	209017	51.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.700%
62) 4-Bromofluorobenzene	11.079	95	86441	52.729	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.460%
Target Compounds						
						Qvalue
44) Trichloroethene	7.129	130	16514	13.835	ug/l	94
64) Tetrachloroethene	9.275	164	1351	1.140	ug/l	91
95) Naphthalene	13.780	128	2412	0.396	ug/l #	89

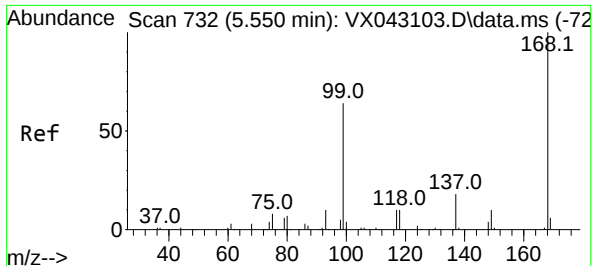
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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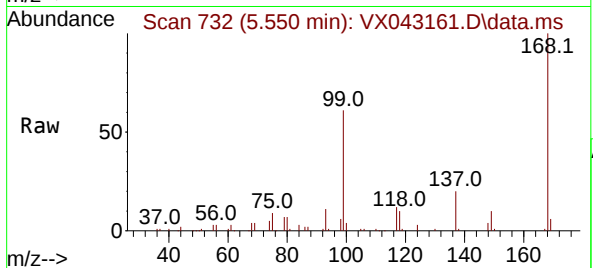
Quant Time: Sep 26 01:39:48 2024
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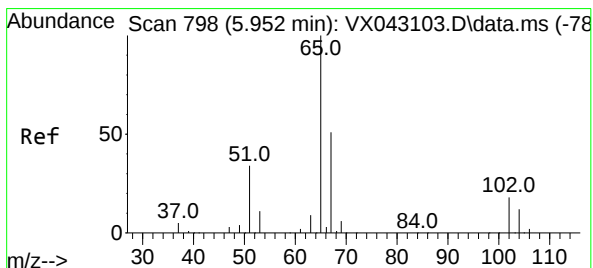
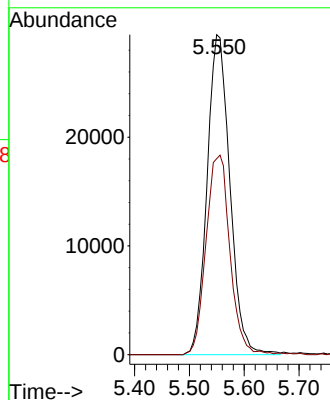
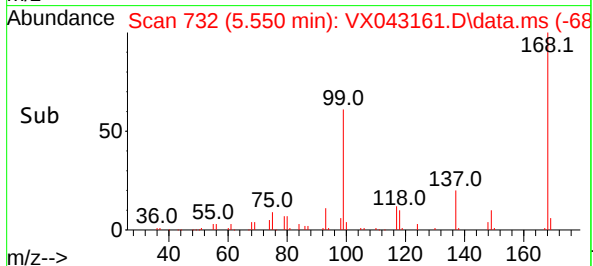


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240923

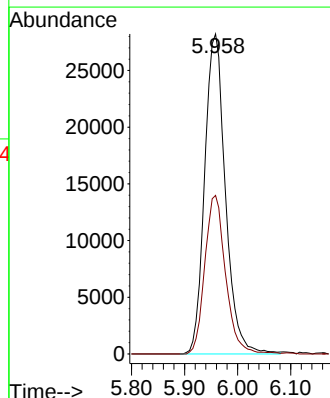
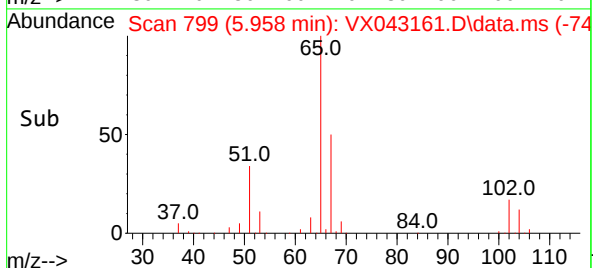
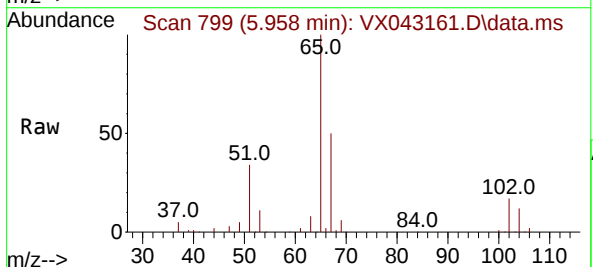


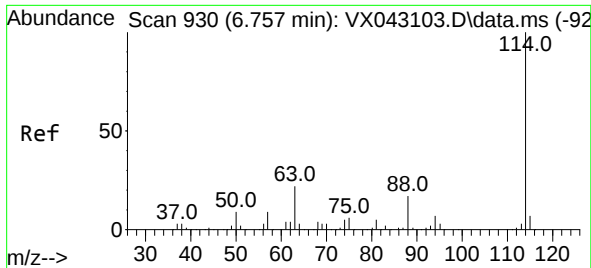
Tgt Ion:168 Resp: 84917
Ion Ratio Lower Upper
168 100
99 61.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.439 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Tgt Ion: 65 Resp: 76787
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

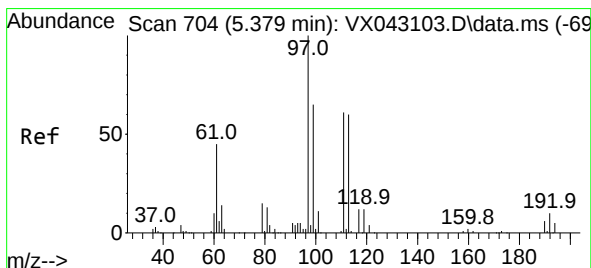
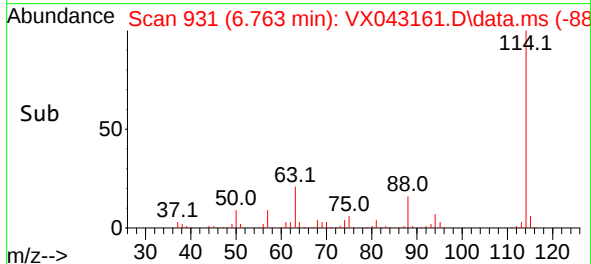
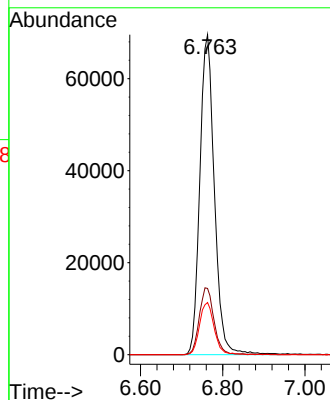
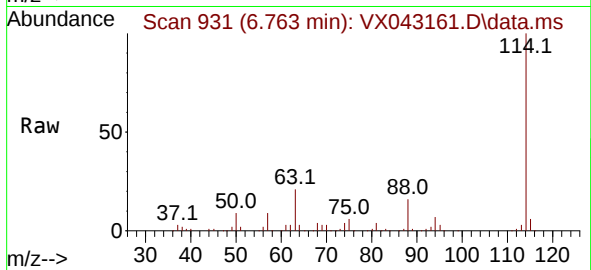




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

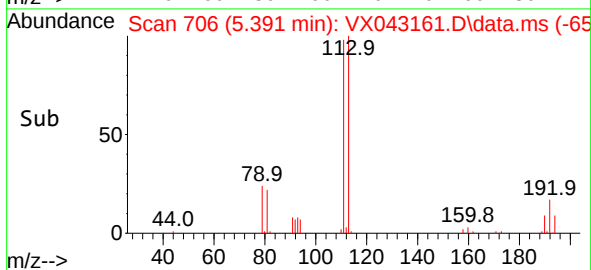
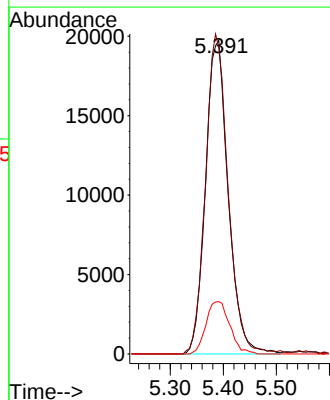
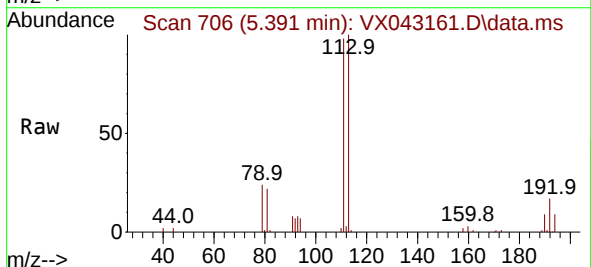
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240923

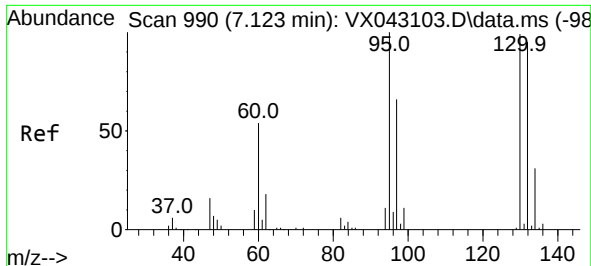
Tgt Ion:114 Resp: 170565
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Tgt Ion:113 Resp: 58767
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 17.4 14.6 22.0

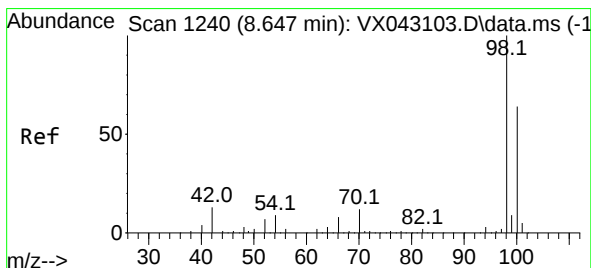
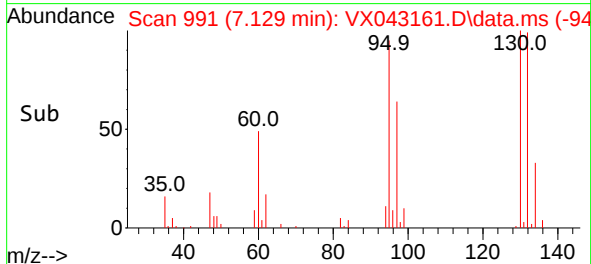
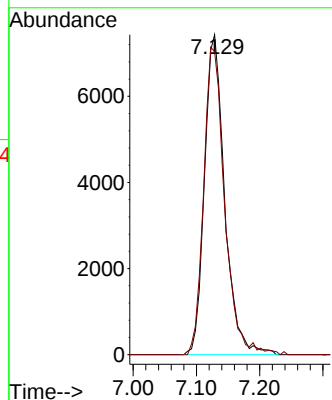
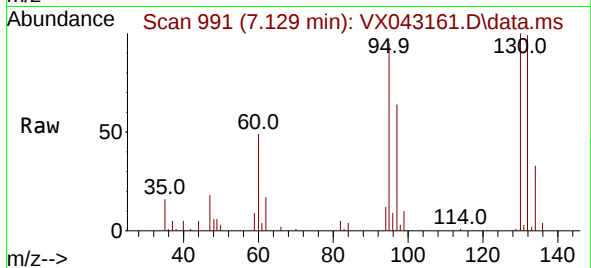




#44
Trichloroethene
Concen: 13.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

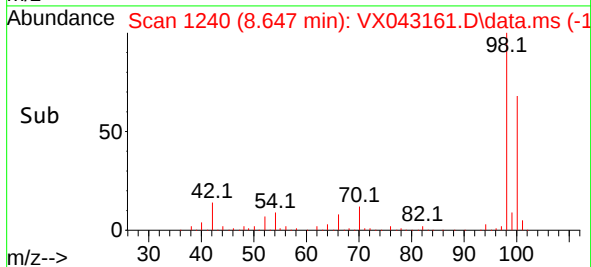
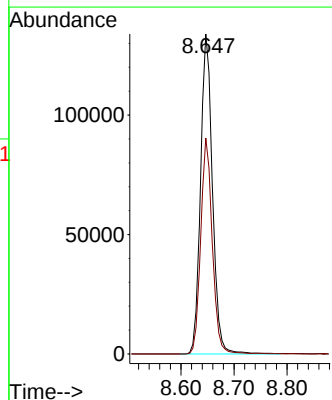
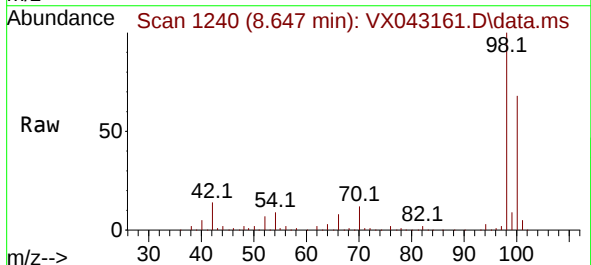
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240923

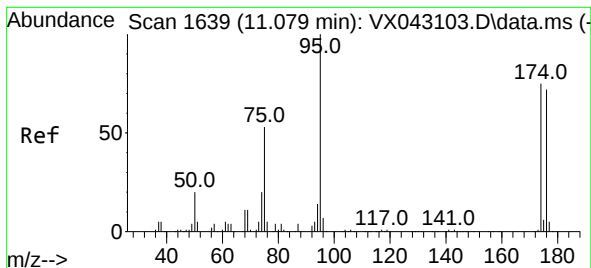
Tgt Ion:130 Resp: 16514
Ion Ratio Lower Upper
130 100
95 94.7 0.0 201.6



#50
Toluene-d8
Concen: 51.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Tgt Ion: 98 Resp: 209017
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

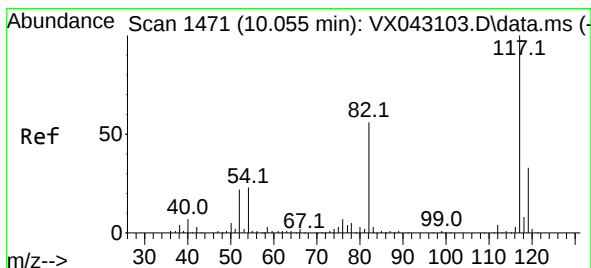
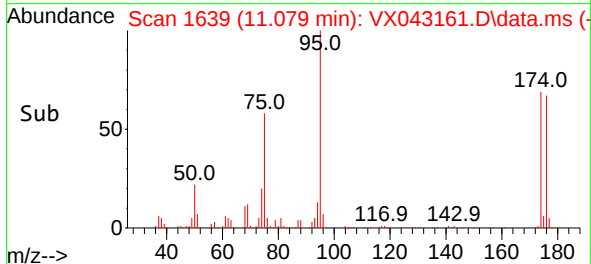
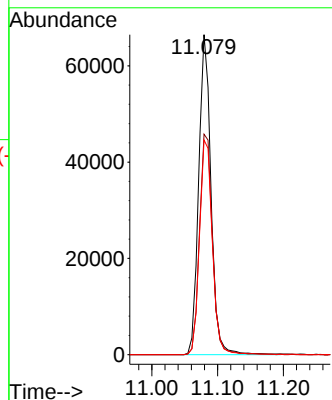
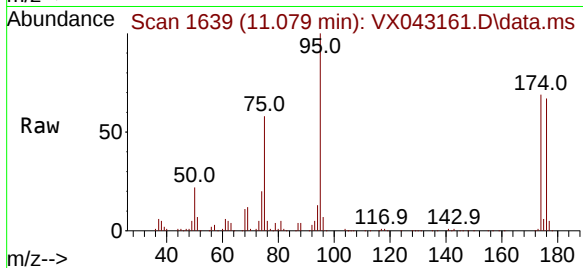




#62
4-Bromofluorobenzene
Concen: 52.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

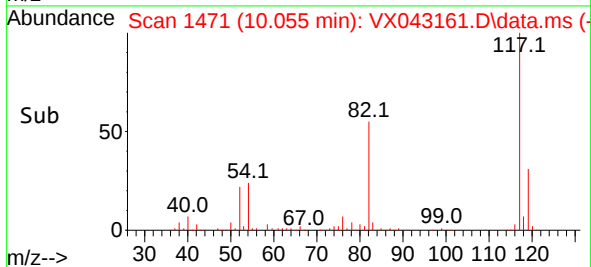
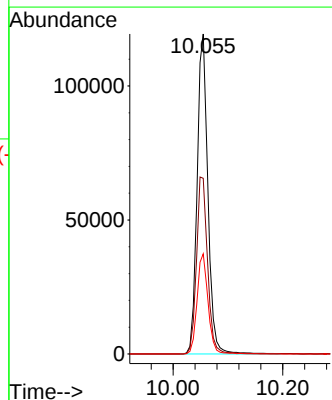
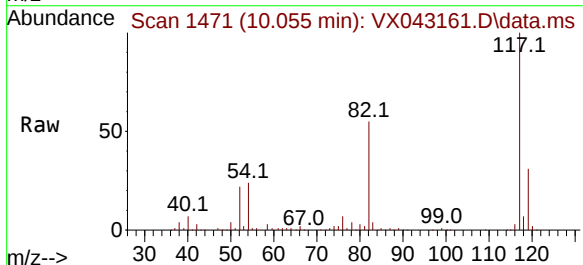
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20240923

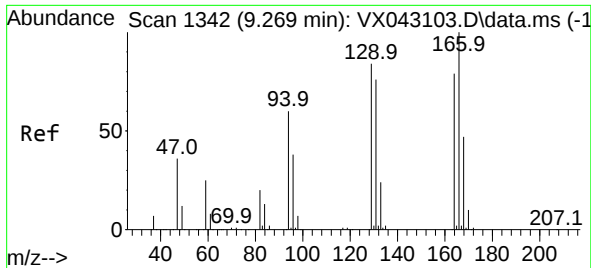
Tgt Ion: 95 Resp: 86441
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.0
176 70.2 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Tgt Ion: 117 Resp: 163590
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 31.3 26.3 39.5





#64

Tetrachloroethene

Concen: 1.140 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043161.D

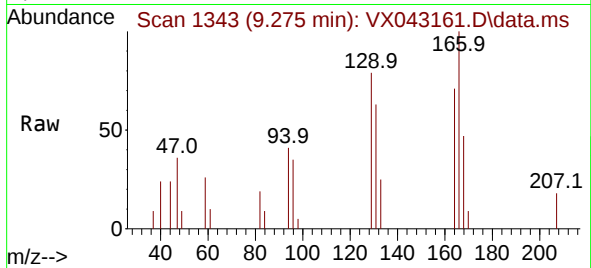
Acq: 25 Sep 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20240923



Tgt Ion:164 Resp: 1351

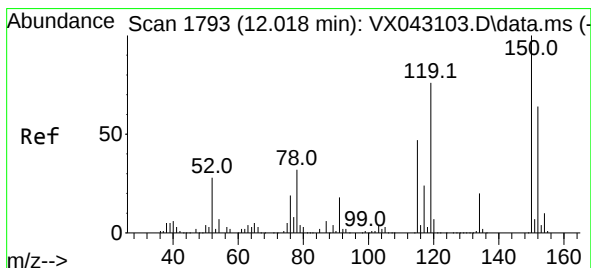
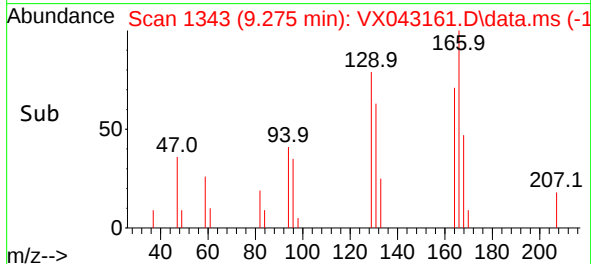
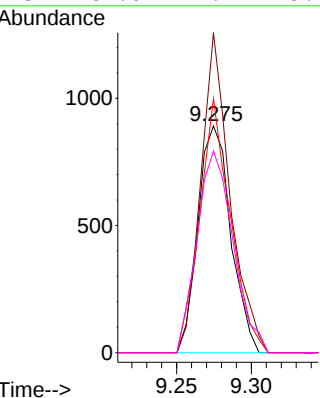
Ion Ratio Lower Upper

164 100

166 141.2 101.2 151.8

129 112.1 84.7 127.1

131 89.0 77.2 115.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX043161.D

Acq: 25 Sep 2024 18:16

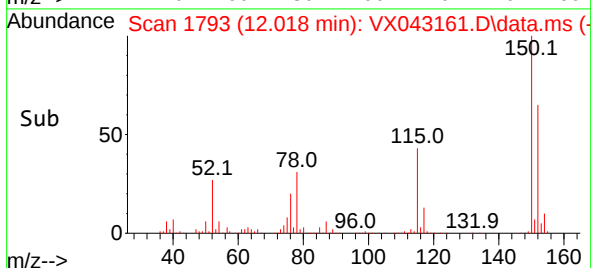
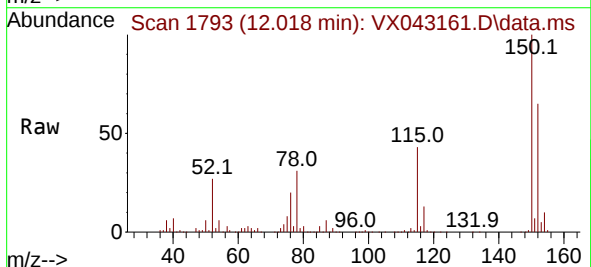
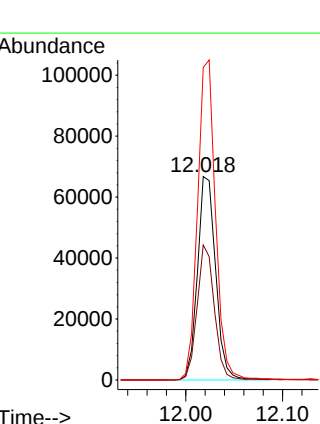
Tgt Ion:152 Resp: 87345

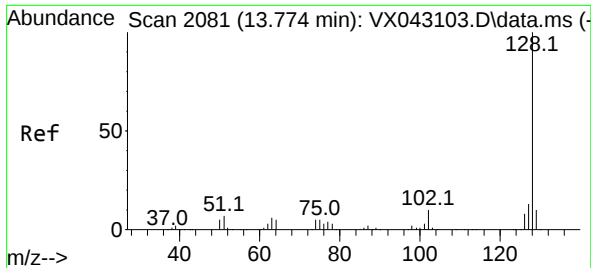
Ion Ratio Lower Upper

152 100

115 63.5 43.7 131.1

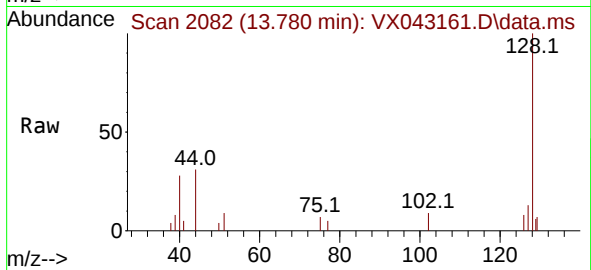
150 155.8 0.0 344.6





#95
Naphthalene
Concen: 0.396 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043161.D
Acq: 25 Sep 2024 18:16

Instrument :
MSVOA_X
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Tgt Ion:128 Resp: 2412
Ion Ratio Lower Upper
128 100
127 8.7 10.2 15.4#
129 6.1 8.6 13.0#

