

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043141.D
 Acq On : 25 Sep 2024 10:34
 Operator : JC/MD
 Sample : P4164-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240919DL

Quant Time: Sep 26 01:31:01 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)

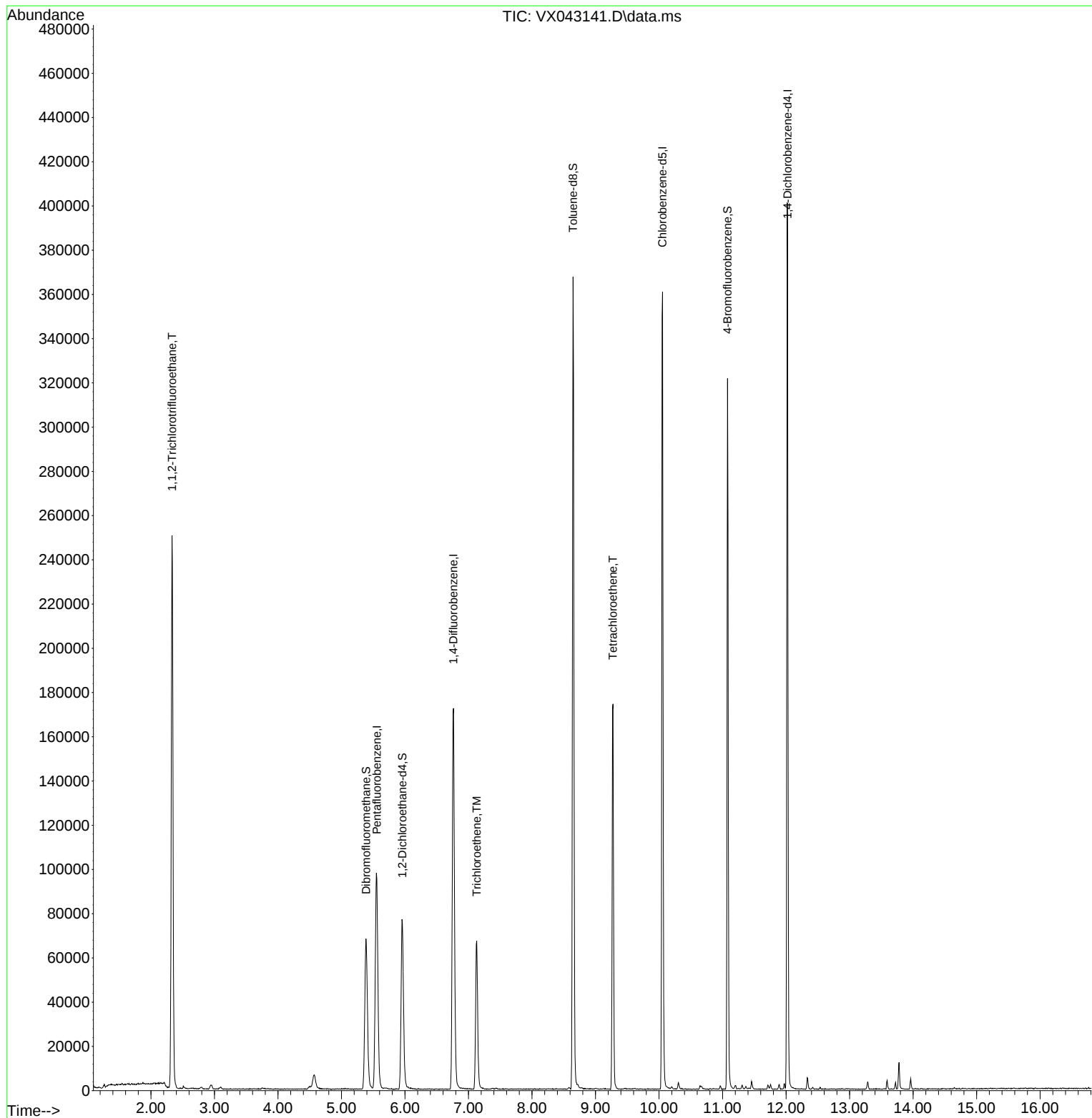
Internal Standards						
1) Pentafluorobenzene	5.556	168	88750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77544	52.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.200%
35) Dibromofluoromethane	5.385	113	59693	48.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	211837	50.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.079	95	85146	50.486	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.980%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	98655	100.325	ug/l	99
44) Trichloroethene	7.129	130	26124	21.273	ug/l	94
64) Tetrachloroethene	9.275	164	32348	27.600	ug/l	97

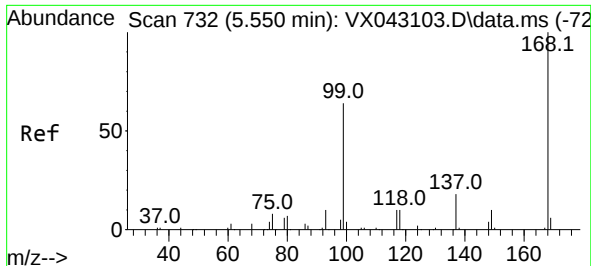
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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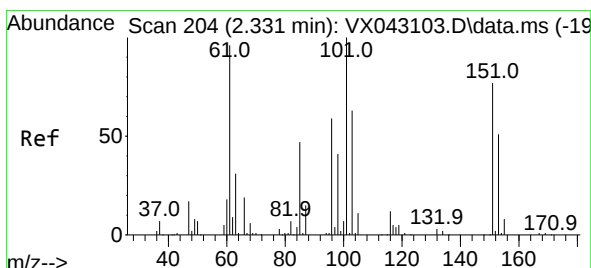
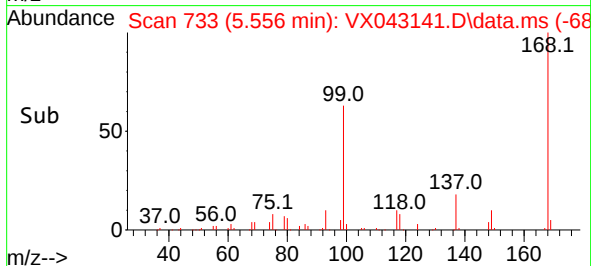
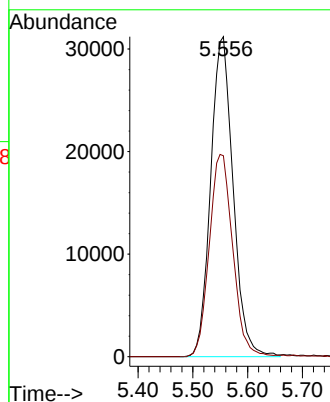
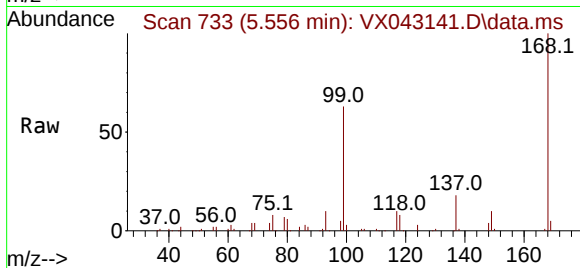




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043141.D
Acq: 25 Sep 2024 10:34

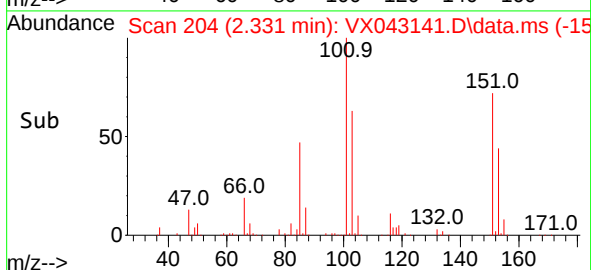
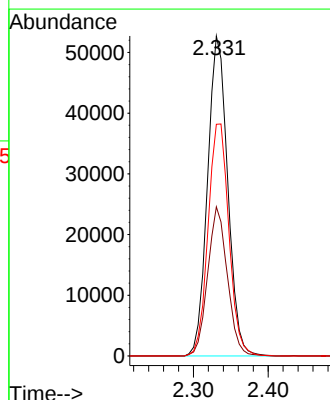
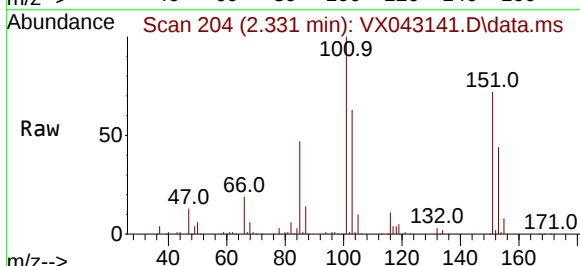
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240919DL

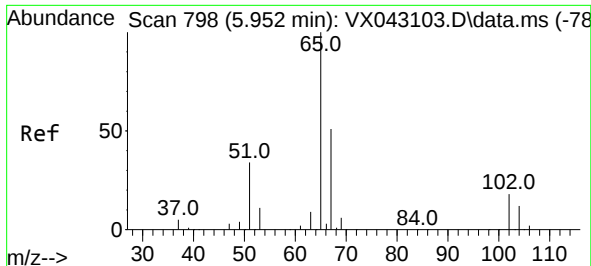
Tgt Ion:168 Resp: 88750
Ion Ratio Lower Upper
168 100
99 62.8 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.325 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043141.D
Acq: 25 Sep 2024 10:34

Tgt Ion:101 Resp: 98655
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 74.9 60.2 90.4





#33

1,2-Dichloroethane-d4

Concen: 52.601 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043141.D

Acq: 25 Sep 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

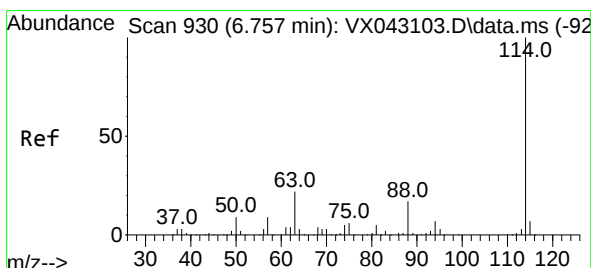
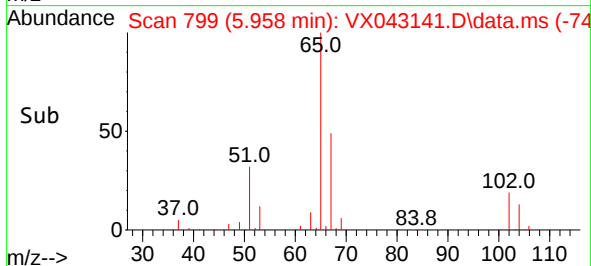
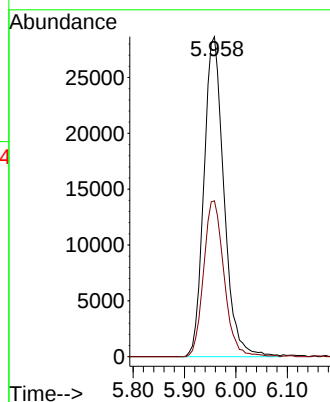
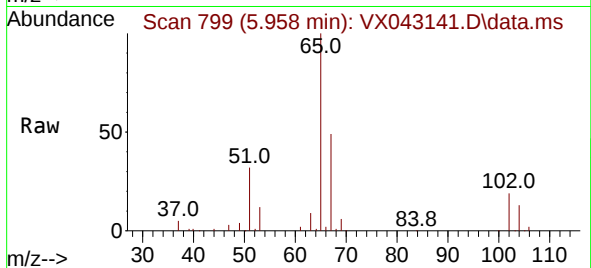
RE134D3-20240919DL

Tgt Ion: 65 Resp: 77544

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043141.D

Acq: 25 Sep 2024 10:34

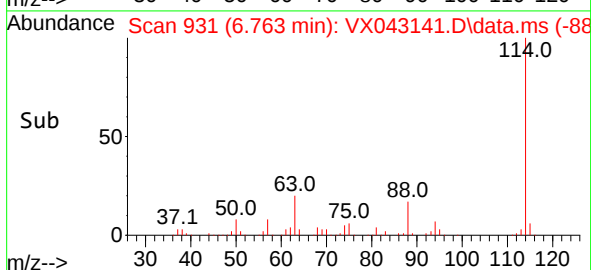
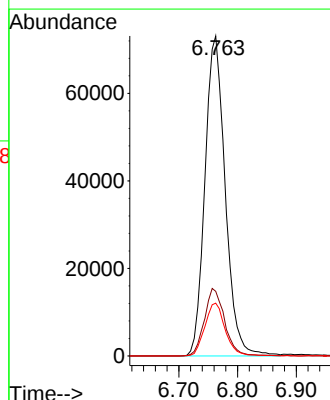
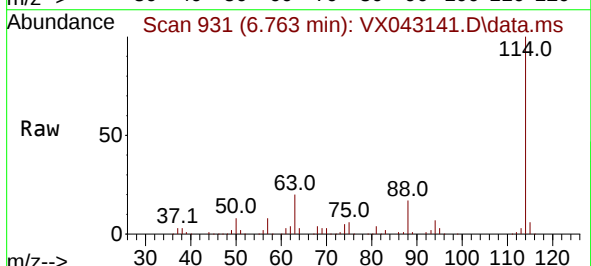
Tgt Ion: 114 Resp: 175473

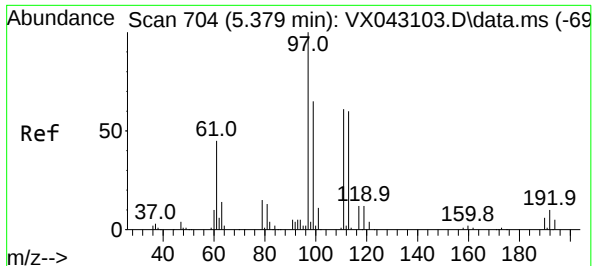
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043141.D

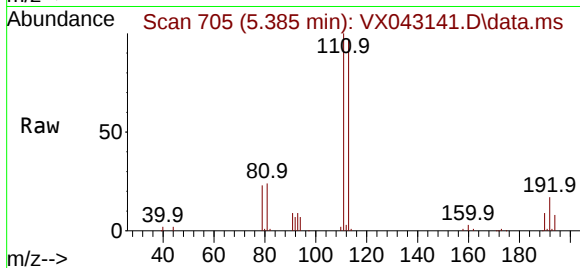
Acq: 25 Sep 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240919DL



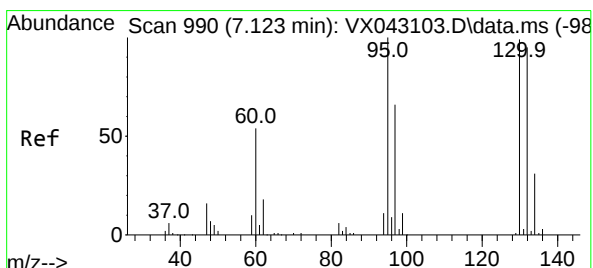
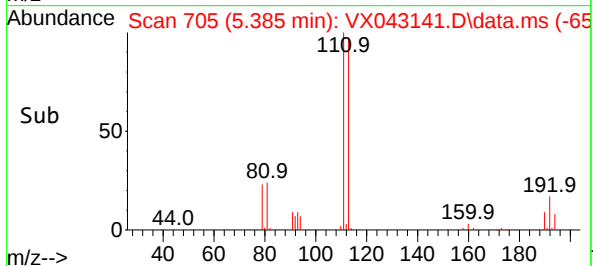
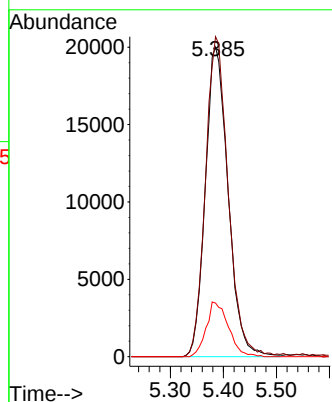
Tgt Ion:113 Resp: 59693

Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 17.2 14.6 22.0



#44

Trichloroethene

Concen: 21.273 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX043141.D

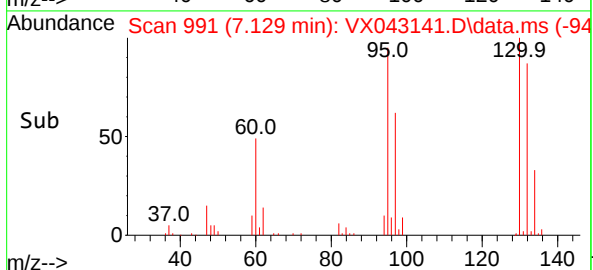
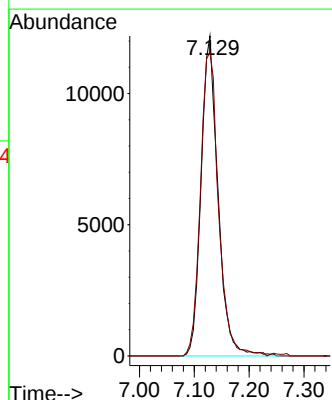
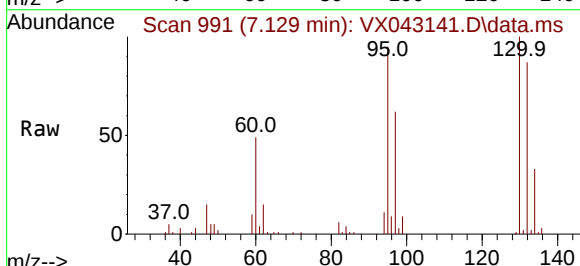
Acq: 25 Sep 2024 10:34

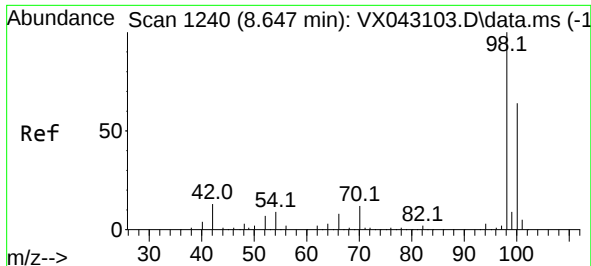
Tgt Ion:130 Resp: 26124

Ion Ratio Lower Upper

130 100

95 94.8 0.0 201.6

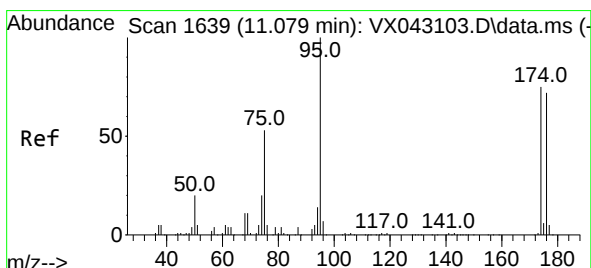
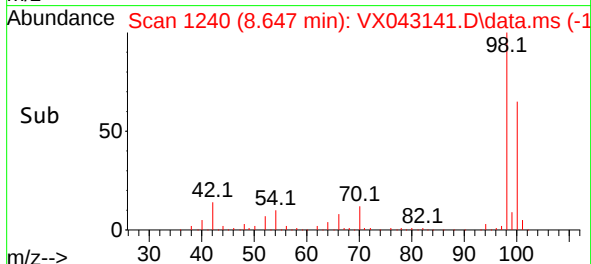
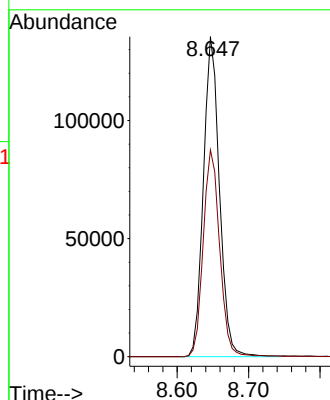
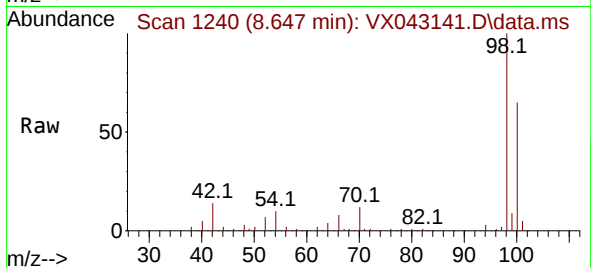




#50
Toluene-d8
Concen: 50.583 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043141.D
Acq: 25 Sep 2024 10:34

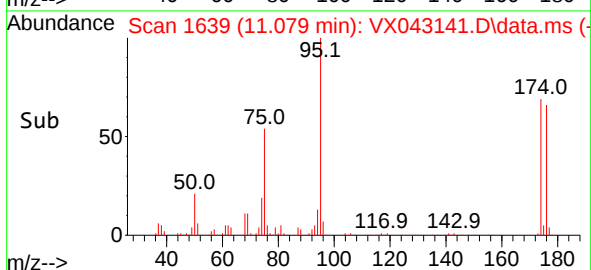
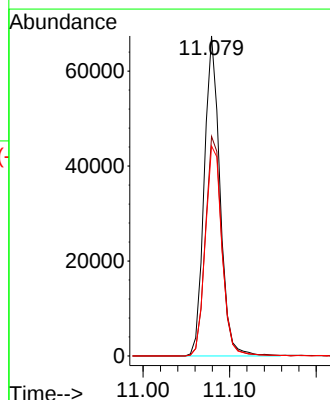
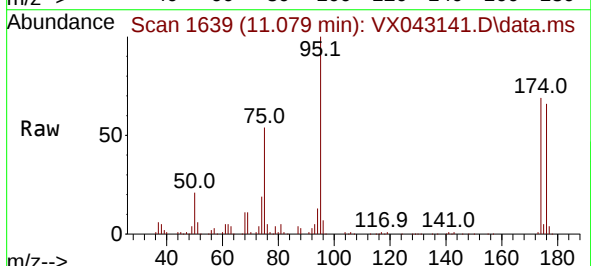
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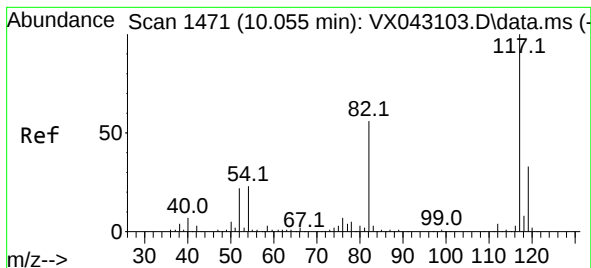
Tgt Ion: 98 Resp: 211837
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043141.D
Acq: 25 Sep 2024 10:34

Tgt Ion: 95 Resp: 85146
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.0
176 69.8 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: VX043141.D

Acq: 25 Sep 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240919DL

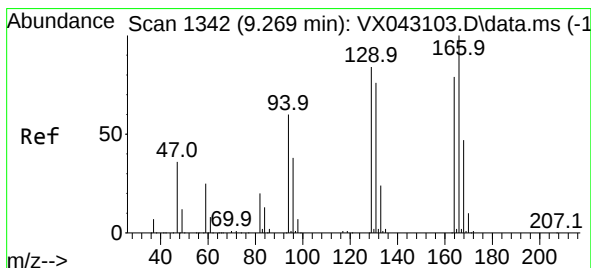
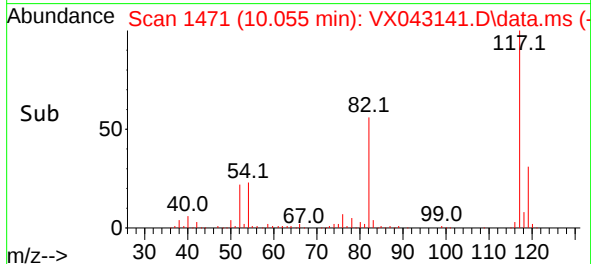
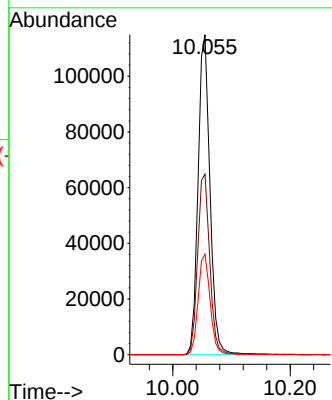
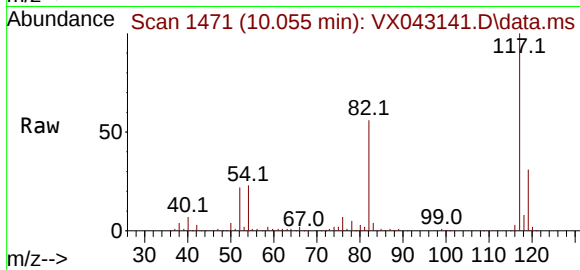
Tgt Ion:117 Resp: 161763

Ion Ratio Lower Upper

117 100

82 56.4 44.7 67.1

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 27.600 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043141.D

Acq: 25 Sep 2024 10:34

Tgt Ion:164 Resp: 32348

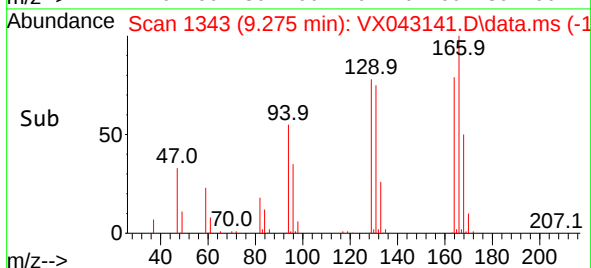
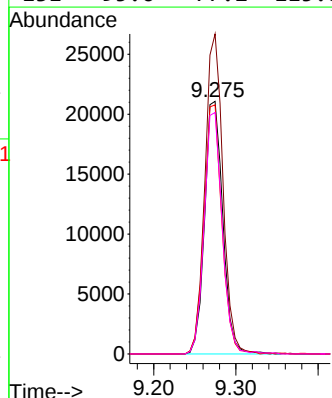
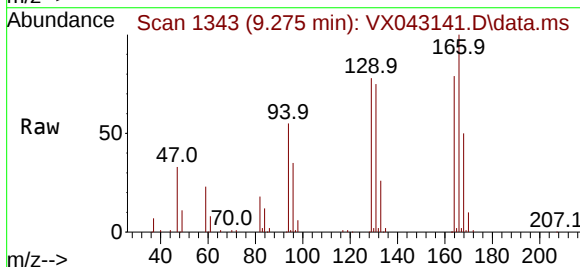
Ion Ratio Lower Upper

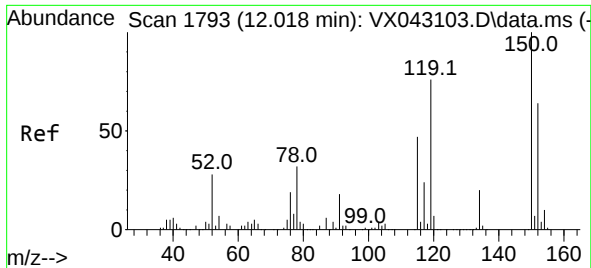
164 100

166 126.7 101.2 151.8

129 98.6 84.7 127.1

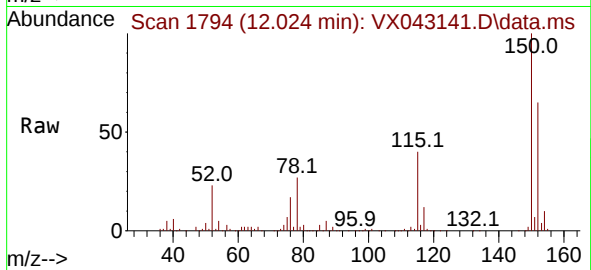
131 95.6 77.2 115.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043141.D
 Acq: 25 Sep 2024 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240919DL



Tgt Ion:152 Resp: 79081
 Ion Ratio Lower Upper
 152 100
 115 65.0 43.7 131.1
 150 157.1 0.0 344.6

