

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043131.D
 Acq On : 24 Sep 2024 18:31
 Operator : JC/MD
 Sample : P4164-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240919

Quant Time: Sep 25 01:34:43 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)

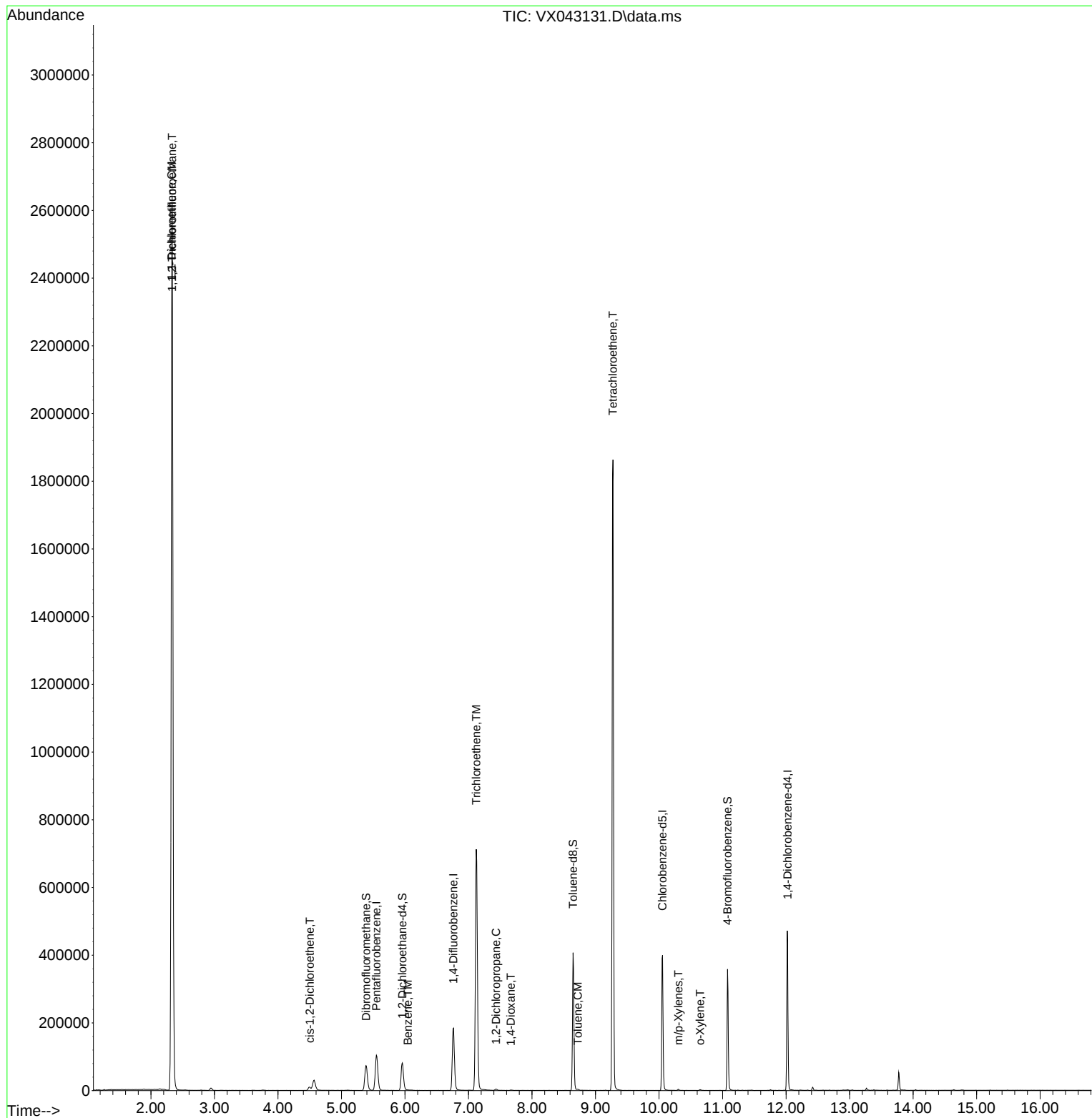
Internal Standards						
1) Pentafluorobenzene	5.550	168	95083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83838	53.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.160%	
35) Dibromofluoromethane	5.385	113	64808	48.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.000%	
50) Toluene-d8	8.647	98	232053	51.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	11.079	95	95729	52.584	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.160%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	1026986	974.806	ug/l	Qvalue 98
12) 1,1-Dichloroethene	2.325	96	8046	7.984	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	6728	5.183	ug/l	89
40) Benzene	6.044	78	1269	0.262	ug/l	98
44) Trichloroethene	7.123	130	270131	203.785	ug/l	99
45) 1,2-Dichloropropane	7.434	63	1641	1.360	ug/l #	87
49) 1,4-Dioxane	7.665	88	815	25.517	ug/l #	67
52) Toluene	8.720	92	1129	0.362	ug/l	100
64) Tetrachloroethene	9.275	164	335012	258.266	ug/l	97
68) m/p-Xylenes	10.305	106	882	0.355	ug/l	81
69) o-Xylene	10.646	106	621	0.249	ug/l	93

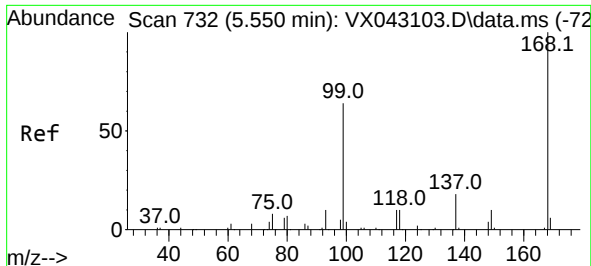
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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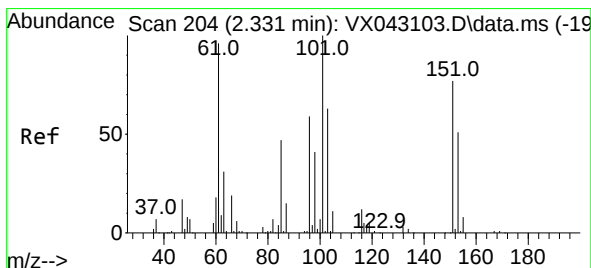
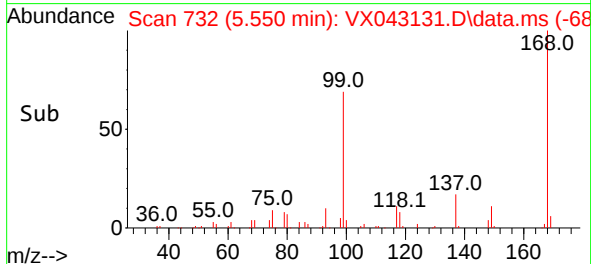
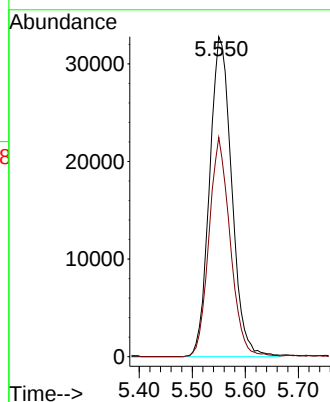
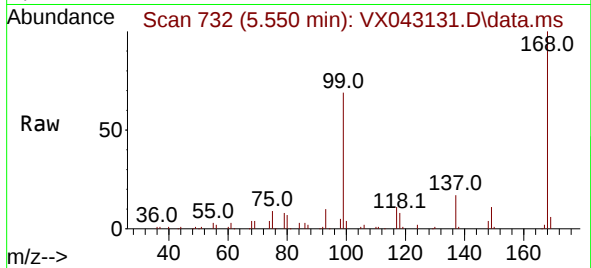




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

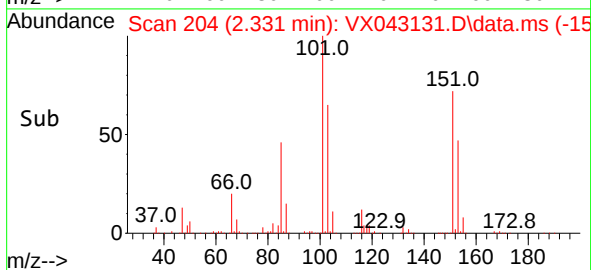
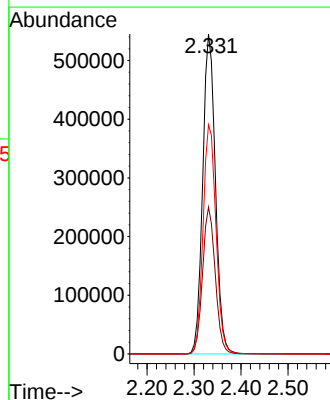
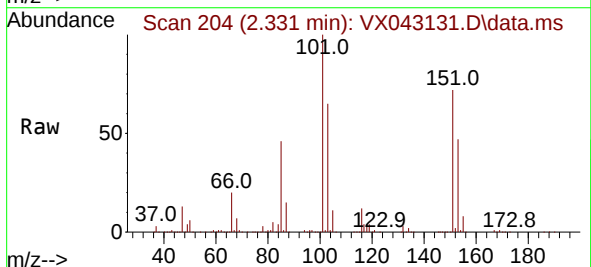
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240919

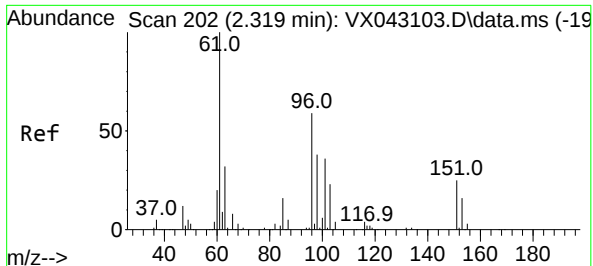
Tgt Ion:168 Resp: 95083
Ion Ratio Lower Upper
168 100
99 68.6 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 974.806 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

Tgt Ion:101 Resp: 1026986
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.4
151 73.2 60.2 90.4





#12

1,1-Dichloroethene

Concen: 7.984 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043131.D

Acq: 24 Sep 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240919

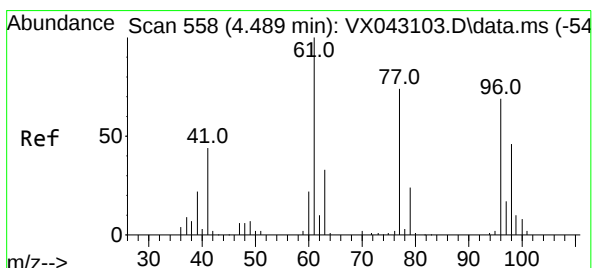
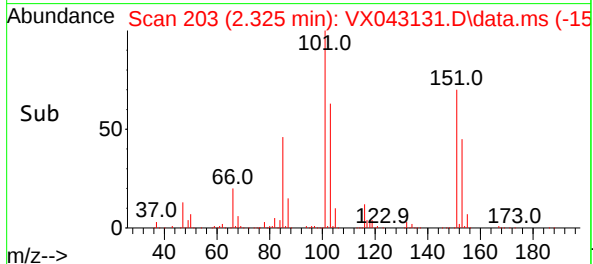
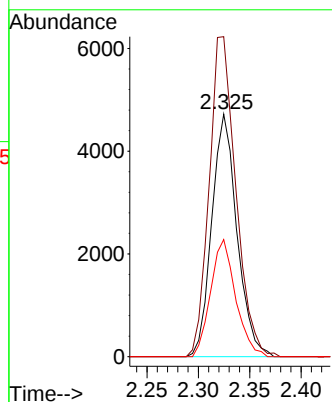
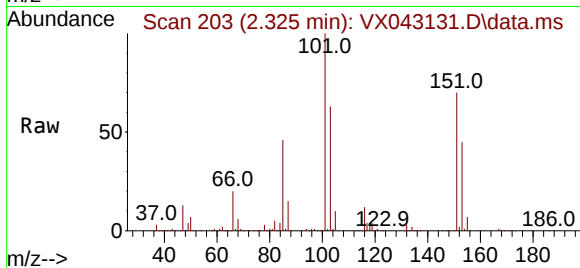
Tgt Ion: 96 Resp: 8046

Ion Ratio Lower Upper

96 100

61 131.9 134.7 202.1#

98 48.3 51.6 77.4#



#27

cis-1,2-Dichloroethene

Concen: 5.183 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX043131.D

Acq: 24 Sep 2024 18:31

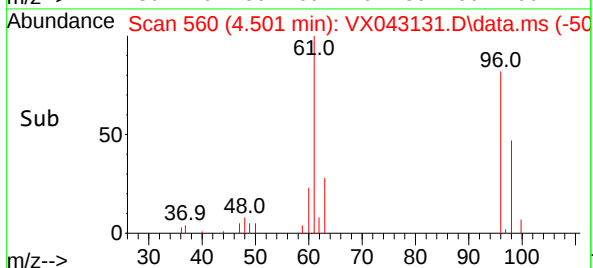
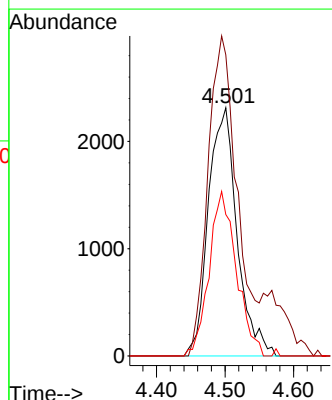
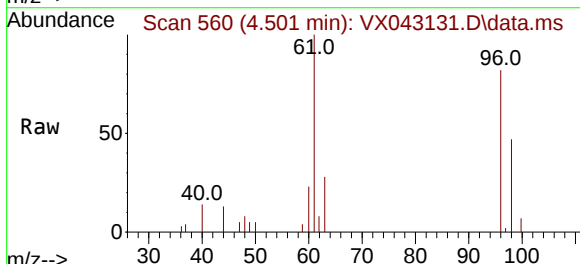
Tgt Ion: 96 Resp: 6728

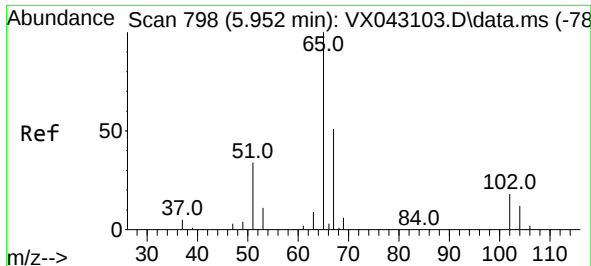
Ion Ratio Lower Upper

96 100

61 131.2 0.0 297.8

98 63.1 0.0 131.2





#33

1,2-Dichloroethane-d4

Concen: 53.083 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043131.D

Acq: 24 Sep 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

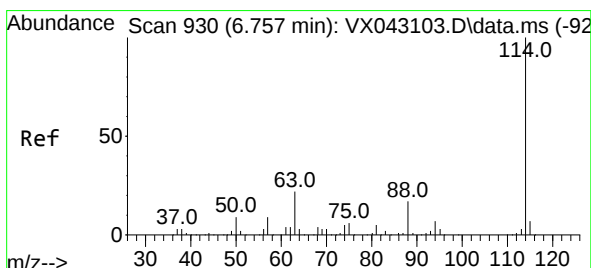
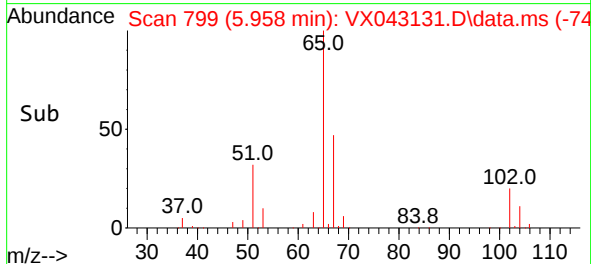
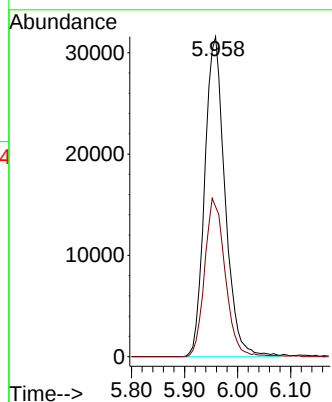
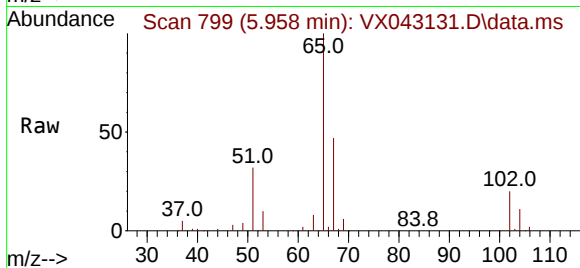
RE134D3-20240919

Tgt Ion: 65 Resp: 83838

Ion Ratio Lower Upper

65 100

67 49.9 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: VX043131.D

Acq: 24 Sep 2024 18:31

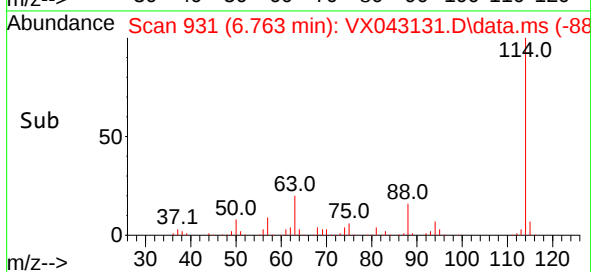
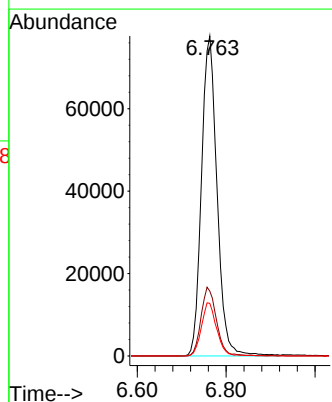
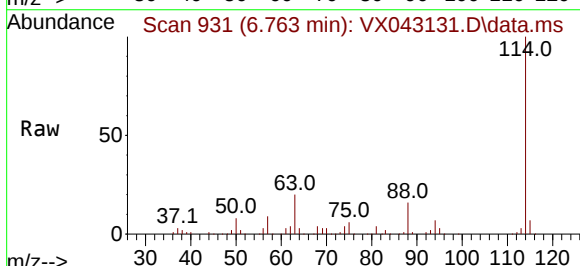
Tgt Ion: 114 Resp: 189413

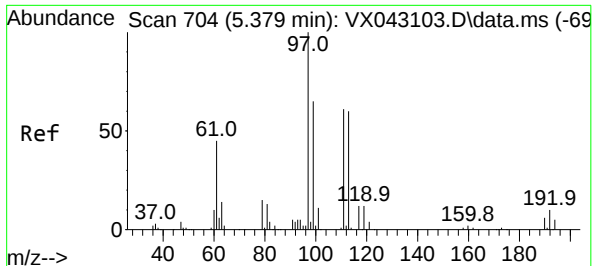
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.502 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043131.D

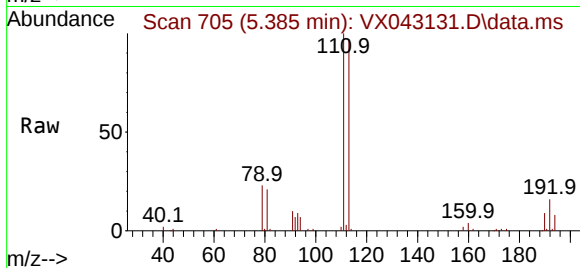
Acq: 24 Sep 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240919



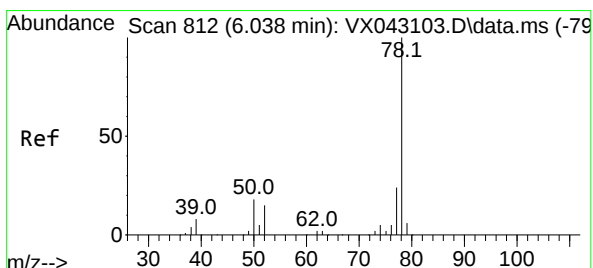
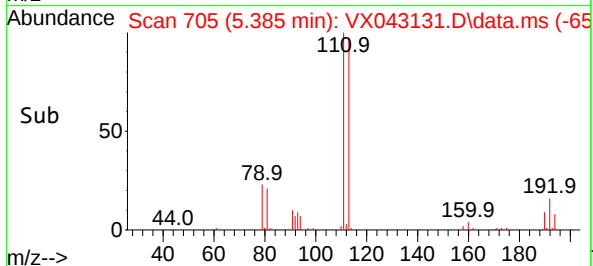
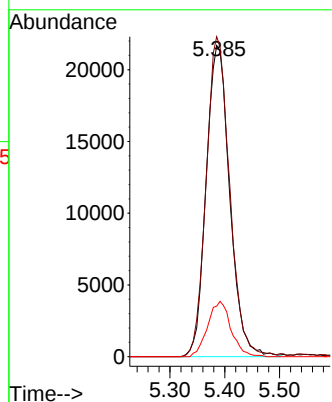
Tgt Ion:113 Resp: 64808

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 17.6 14.6 22.0



#40

Benzene

Concen: 0.262 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX043131.D

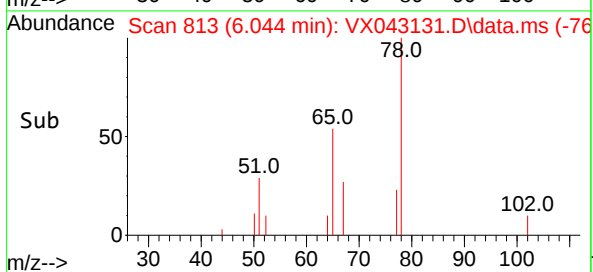
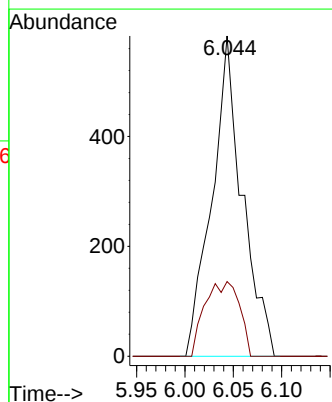
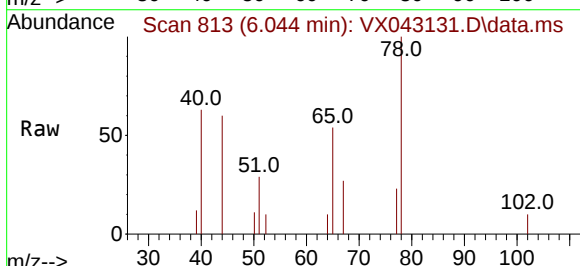
Acq: 24 Sep 2024 18:31

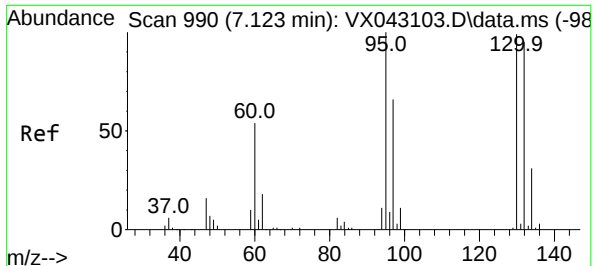
Tgt Ion: 78 Resp: 1269

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

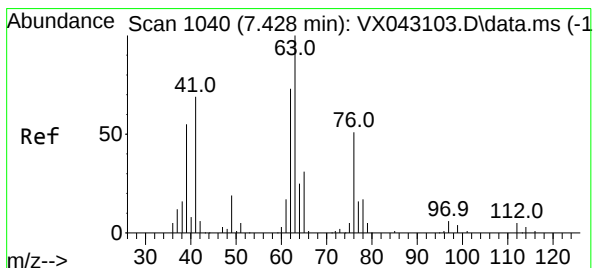
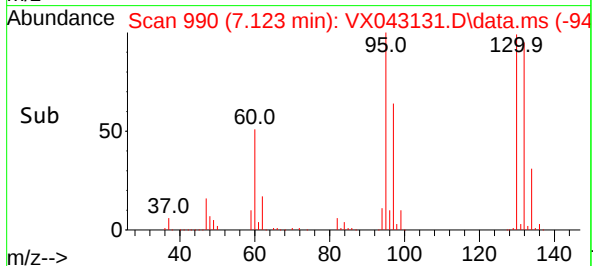
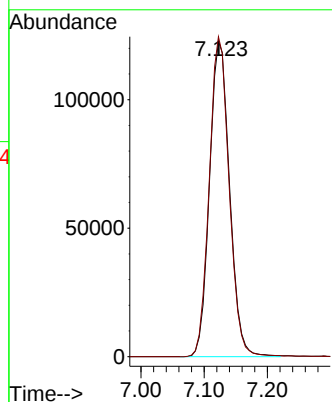
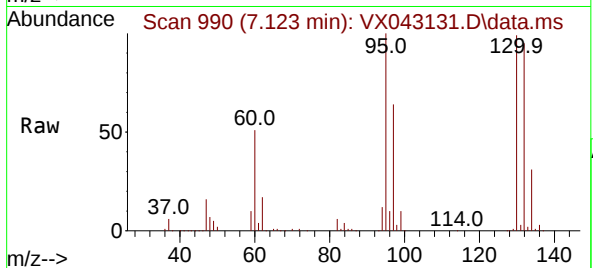




#44
Trichloroethene
Concen: 203.785 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

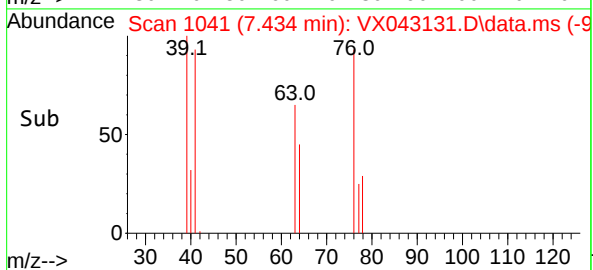
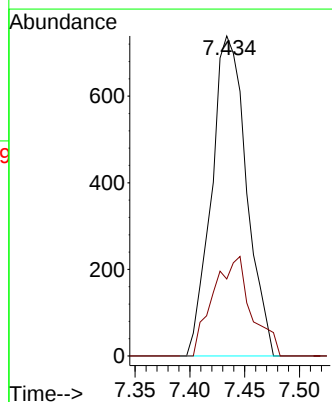
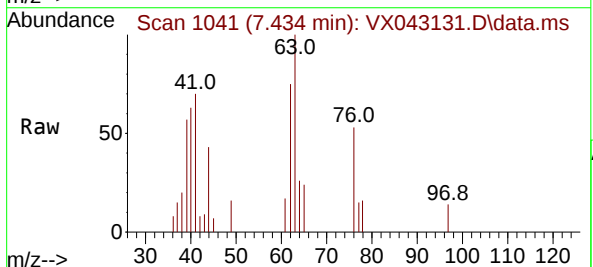
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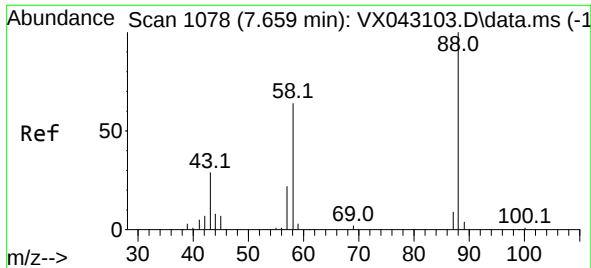
Tgt Ion:130 Resp: 270131
Ion Ratio Lower Upper
130 100
95 101.3 0.0 201.6



#45
1,2-Dichloropropane
Concen: 1.360 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

Tgt Ion: 63 Resp: 1641
Ion Ratio Lower Upper
63 100
65 24.1 25.0 37.6#

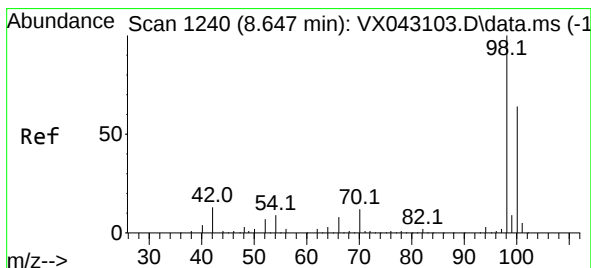
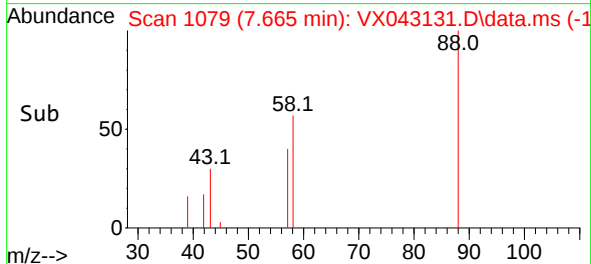
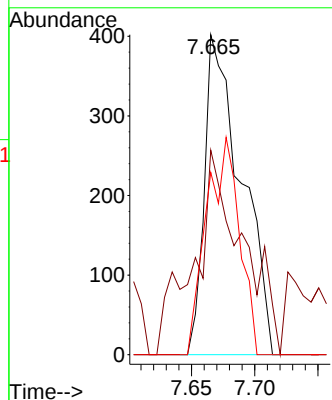
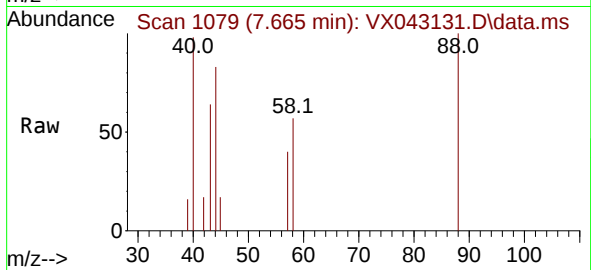




#49
1,4-Dioxane
Concen: 25.517 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

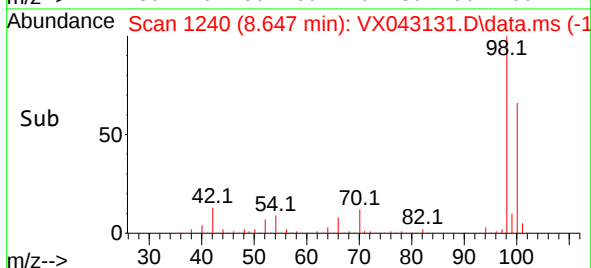
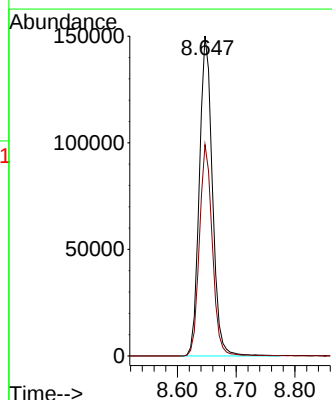
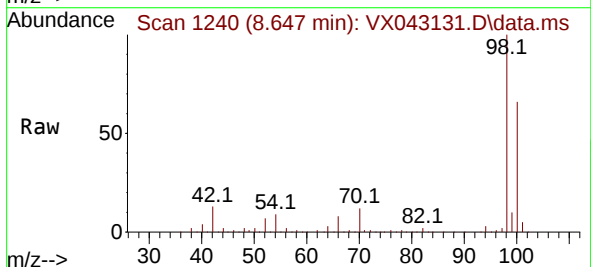
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MSVOA_X
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RE134D3-20240919

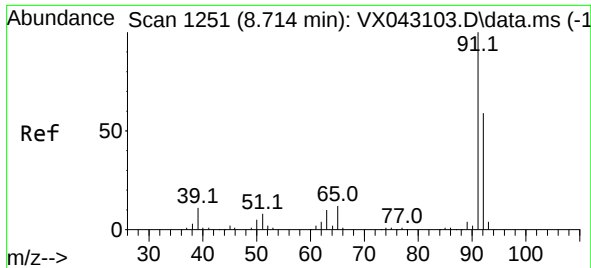
Tgt Ion: 88 Resp: 815
Ion Ratio Lower Upper
88 100
43 85.4 29.5 44.3#
58 60.5 52.5 78.7



#50
Toluene-d8
Concen: 51.332 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

Tgt Ion: 98 Resp: 232053
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

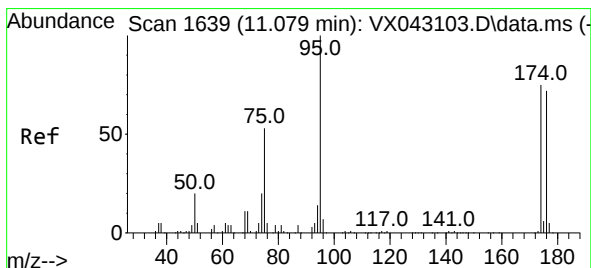
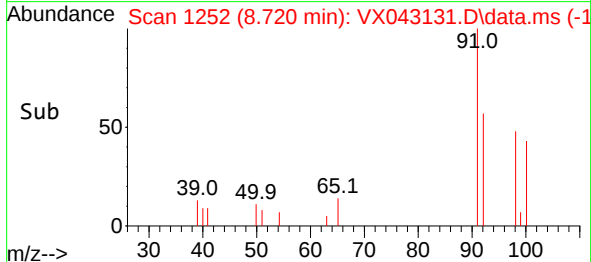
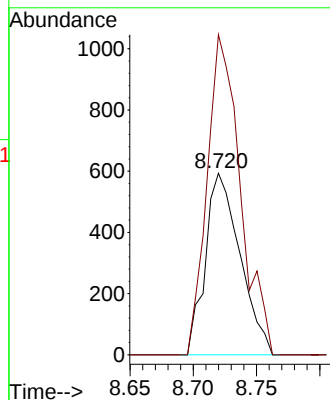
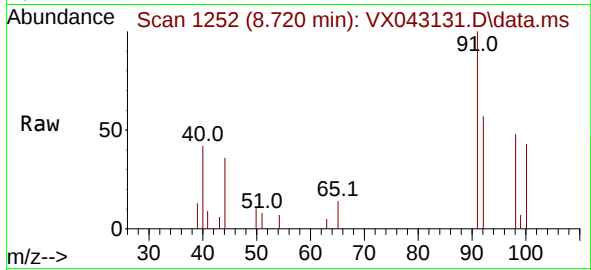




#52
Toluene
Concen: 0.362 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

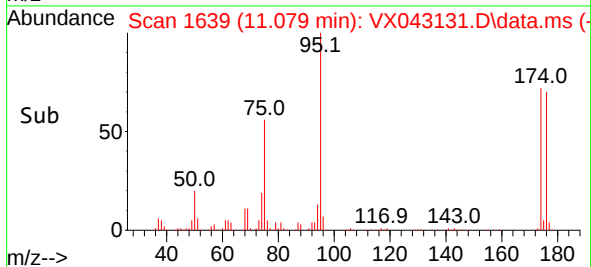
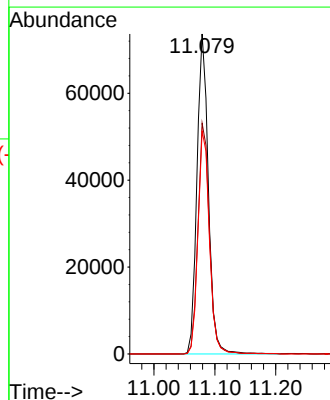
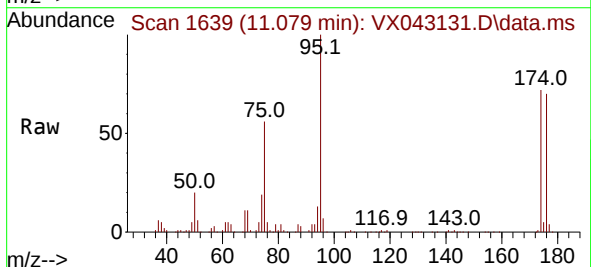
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240919

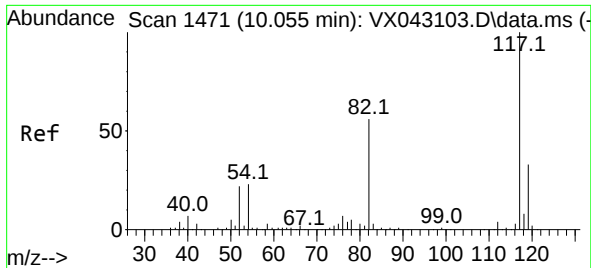
Tgt Ion: 92 Resp: 1129
Ion Ratio Lower Upper
92 100
91 169.7 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 52.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

Tgt Ion: 95 Resp: 95729
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.0
176 70.0 0.0 142.6

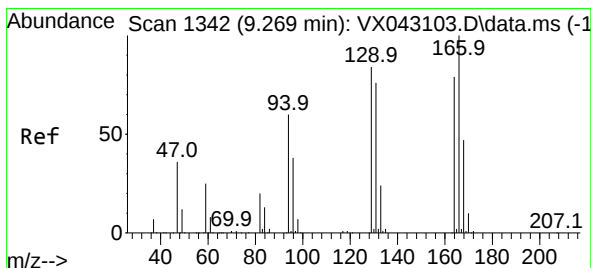
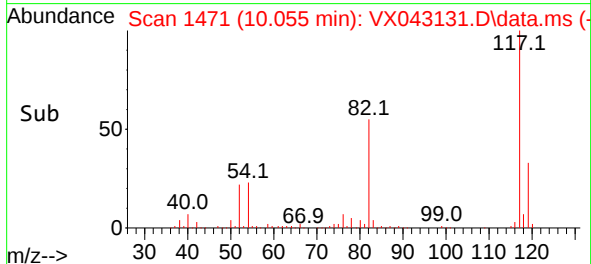
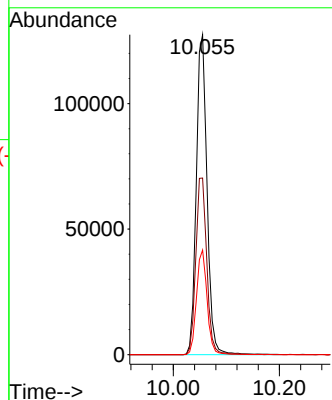
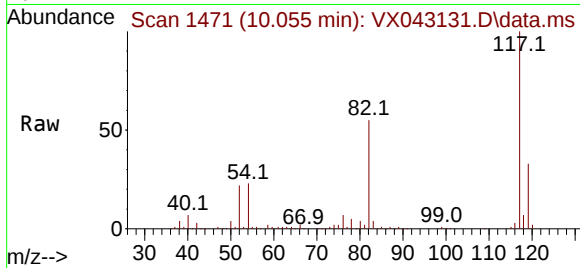




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

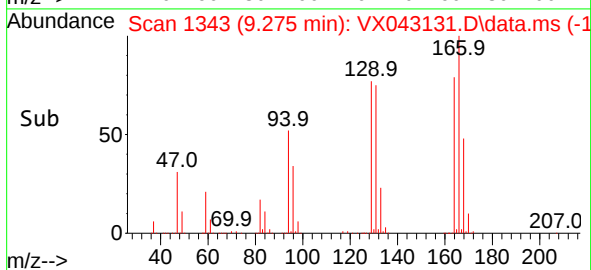
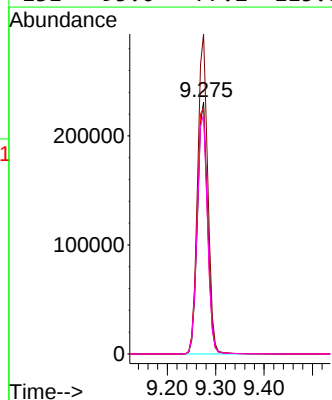
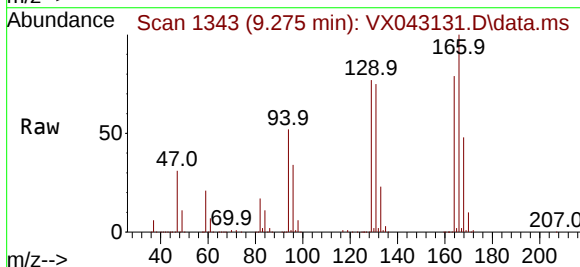
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240919

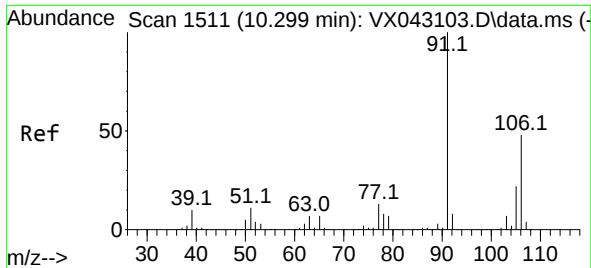
Tgt Ion:117 Resp: 179030
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 258.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

Tgt Ion:164 Resp: 335012
Ion Ratio Lower Upper
164 100
166 127.1 101.2 151.8
129 97.8 84.7 127.1
131 95.0 77.2 115.8

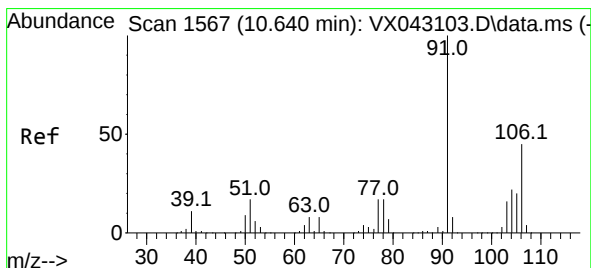
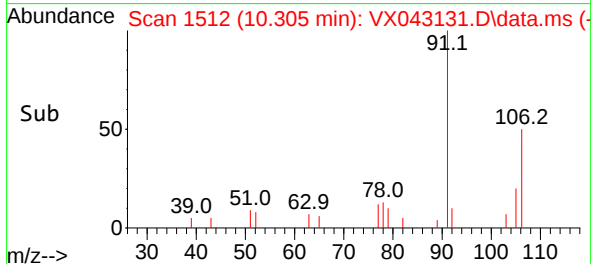
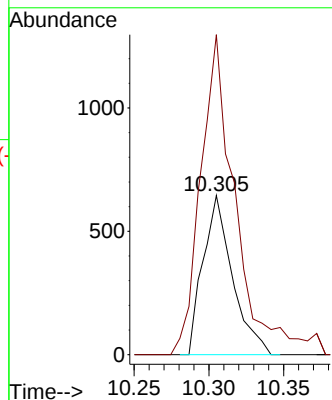
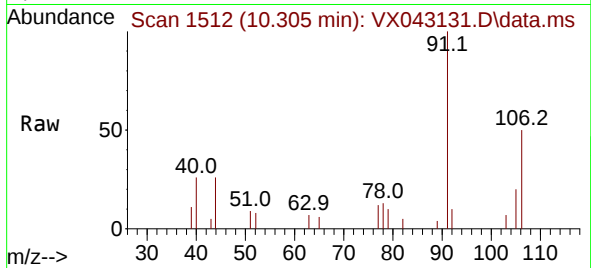




#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

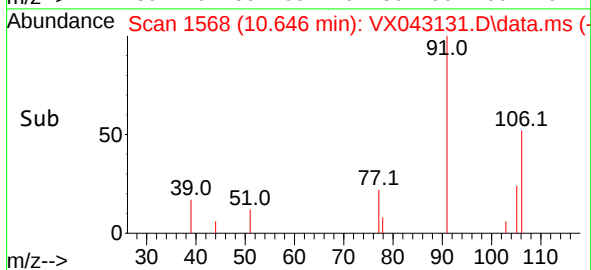
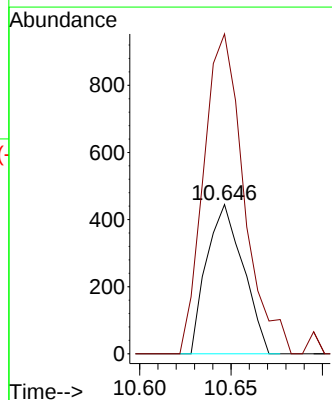
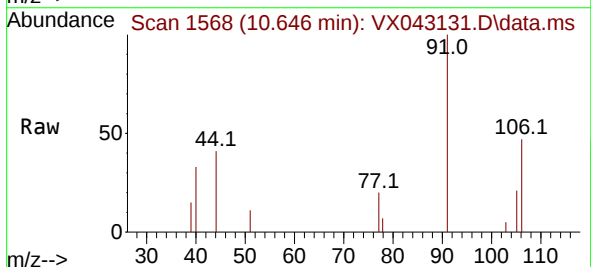
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240919

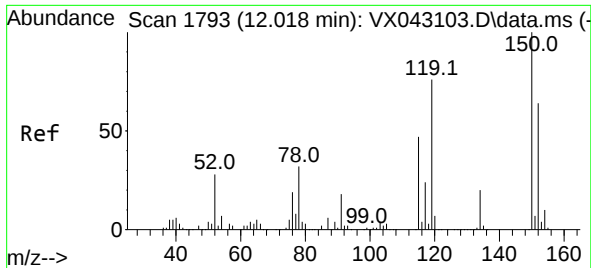
Tgt Ion:106 Resp: 882
Ion Ratio Lower Upper
106 100
91 239.7 167.5 251.3



#69
o-Xylene
Concen: 0.249 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX043131.D
Acq: 24 Sep 2024 18:31

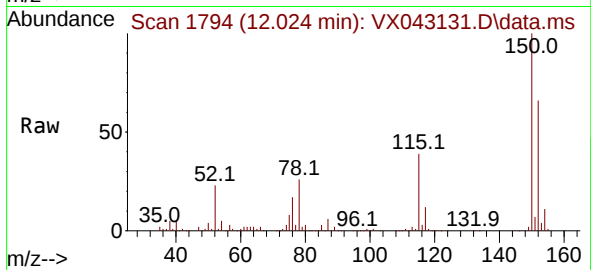
Tgt Ion:106 Resp: 621
Ion Ratio Lower Upper
106 100
91 236.4 112.5 337.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043131.D
 Acq: 24 Sep 2024 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240919



Tgt Ion:152 Resp: 93706
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.7 131.1
 150 158.1 0.0 344.6

