

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043132.D
 Acq On : 24 Sep 2024 18:54
 Operator : JC/MD
 Sample : P4164-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240919

Quant Time: Sep 25 04:21:56 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)

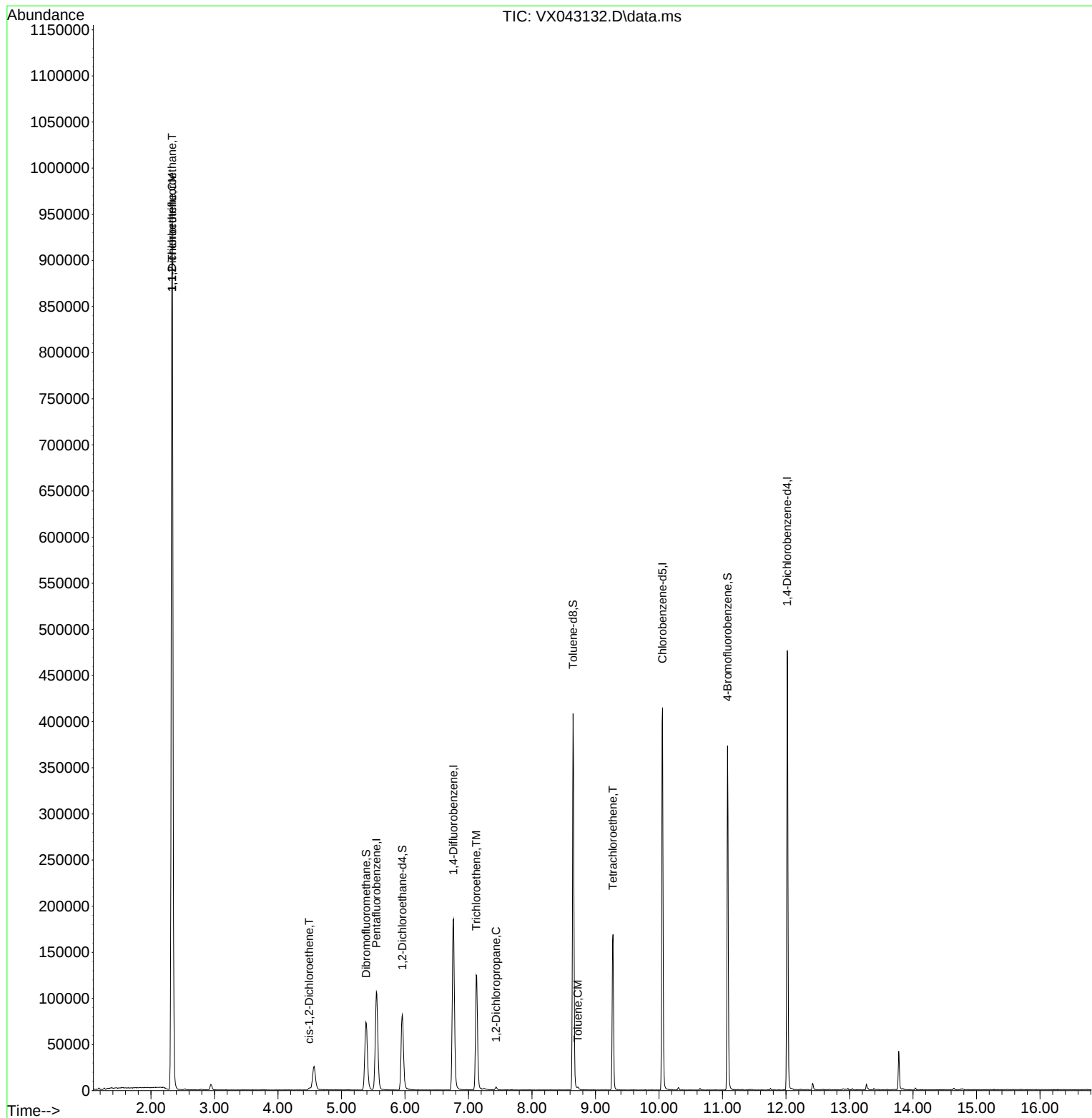
Internal Standards						
1) Pentafluorobenzene	5.550	168	96830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84221	52.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.720%	
35) Dibromofluoromethane	5.385	113	64232	47.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	8.647	98	235735	51.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	11.079	95	98003	53.643	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.280%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	374845	349.380	ug/l	99
12) 1,1-Dichloroethene	2.331	96	2459	2.396	ug/l #	55
27) cis-1,2-Dichloroethene	4.489	96	1580	1.195	ug/l	81
44) Trichloroethene	7.123	130	48072	36.138	ug/l	98
45) 1,2-Dichloropropane	7.434	63	1199	0.990	ug/l #	80
52) Toluene	8.720	92	967	0.309	ug/l	92
64) Tetrachloroethene	9.275	164	29974	22.411	ug/l	98

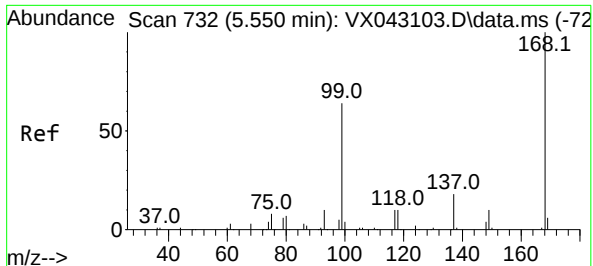
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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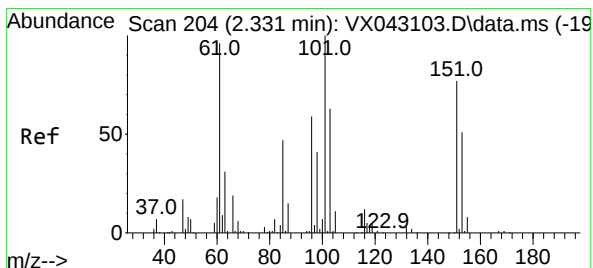
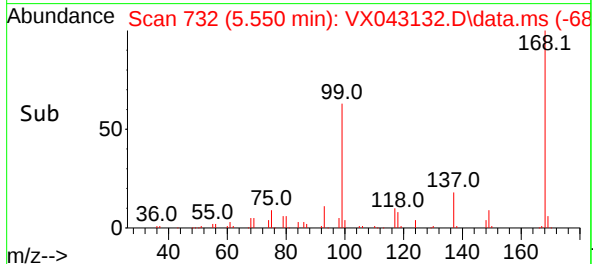
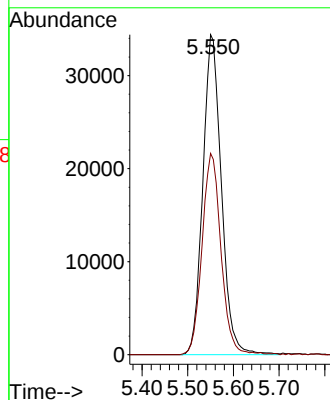
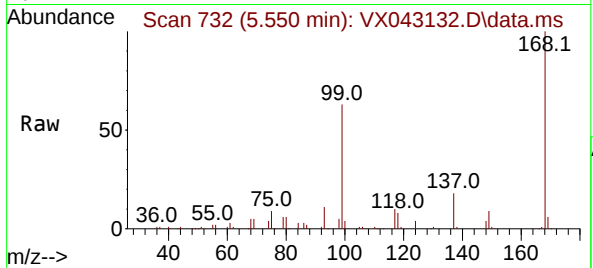




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

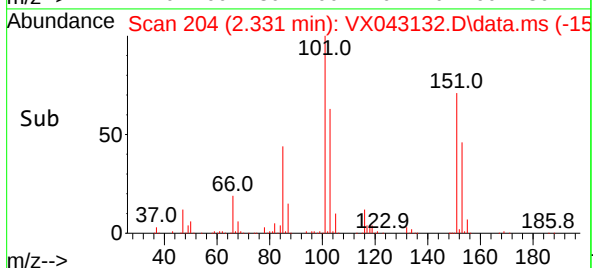
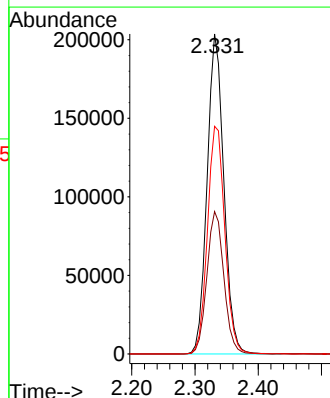
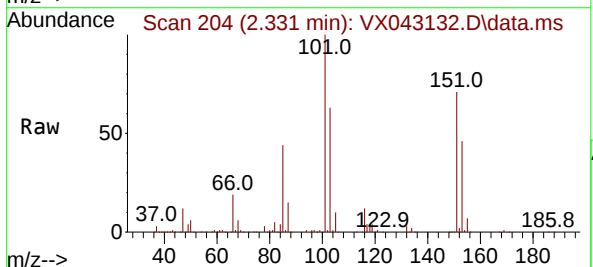
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240919

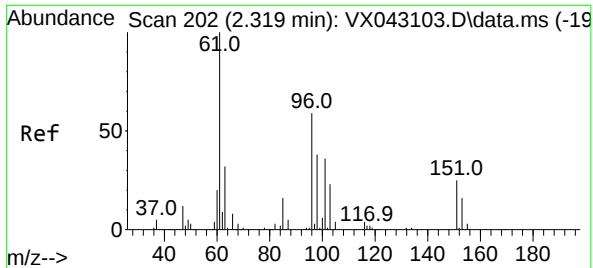
Tgt Ion:168 Resp: 96830
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 349.380 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

Tgt Ion:101 Resp: 374845
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.4
151 74.1 60.2 90.4

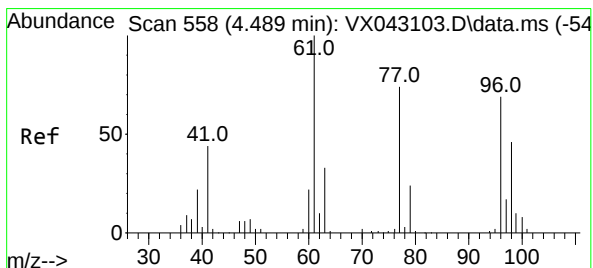
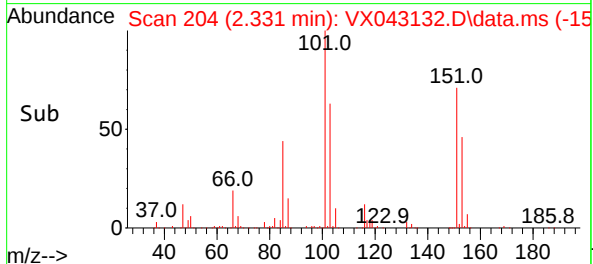
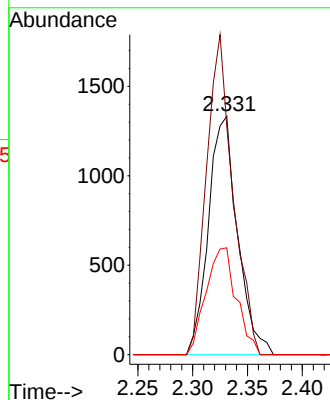
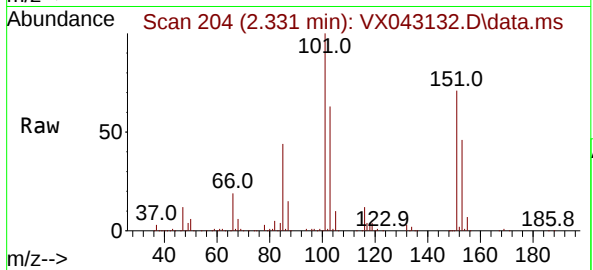




#12
1,1-Dichloroethene
Concen: 2.396 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

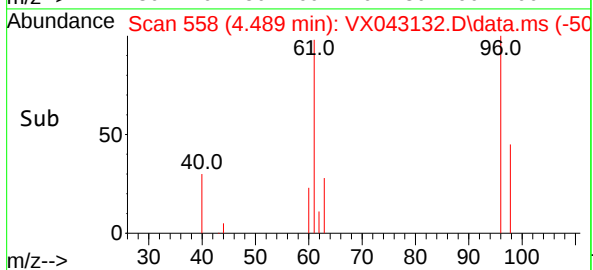
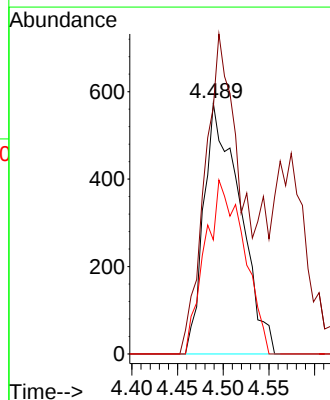
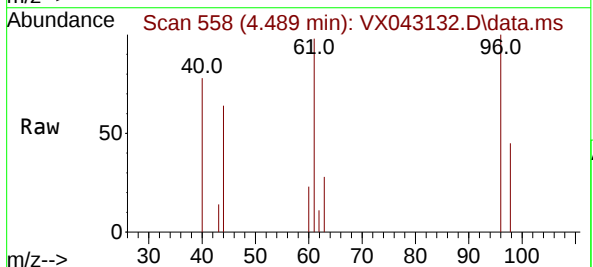
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240919

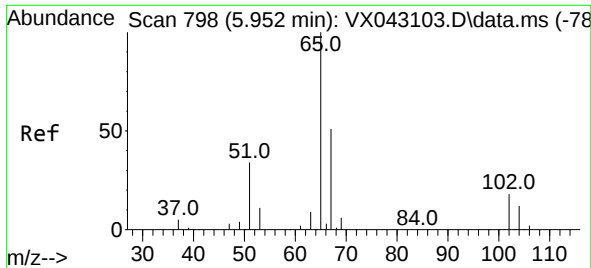
Tgt Ion: 96 Resp: 2459
Ion Ratio Lower Upper
96 100
61 95.9 134.7 202.1#
98 44.8 51.6 77.4#



#27
cis-1,2-Dichloroethene
Concen: 1.195 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

Tgt Ion: 96 Resp: 1580
Ion Ratio Lower Upper
96 100
61 120.3 0.0 297.8
98 74.7 0.0 131.2

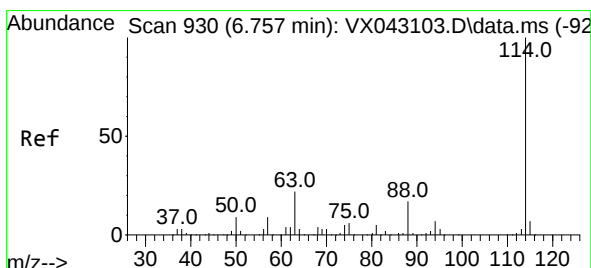
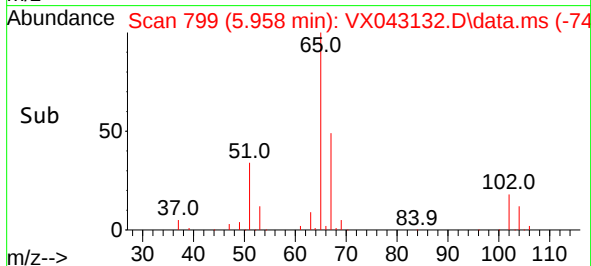
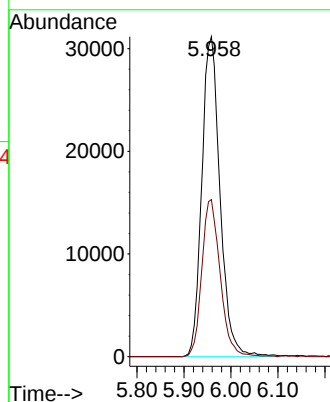
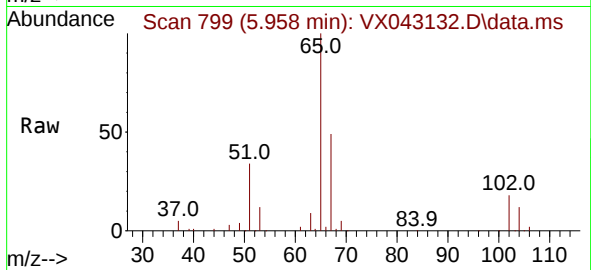




#33
 1,2-Dichloroethane-d4
 Concen: 52.363 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043132.D
 Acq: 24 Sep 2024 18:54

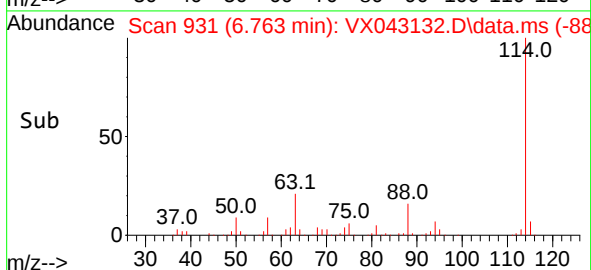
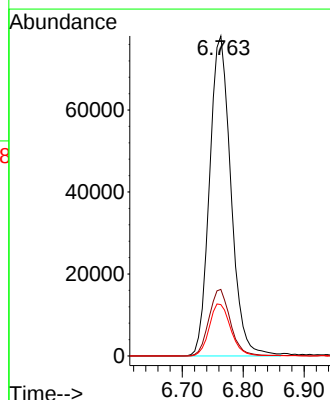
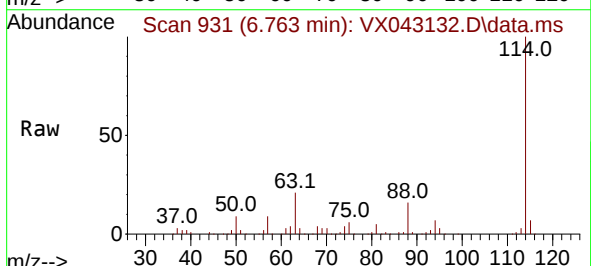
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240919

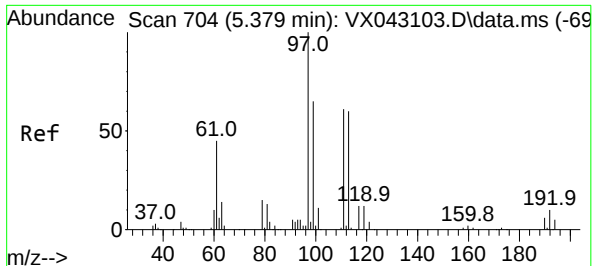
Tgt Ion: 65 Resp: 84221
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043132.D
 Acq: 24 Sep 2024 18:54

Tgt Ion: 114 Resp: 190082
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.1 0.0 33.4

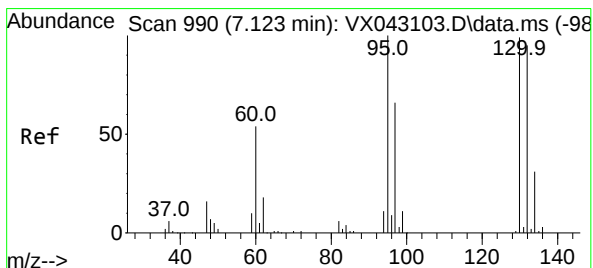
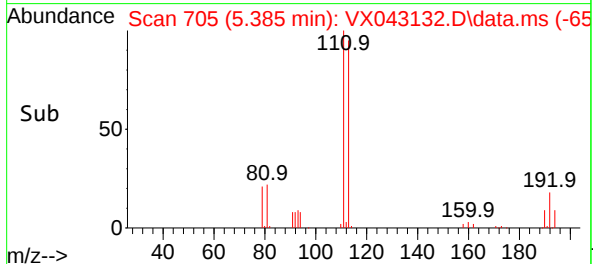
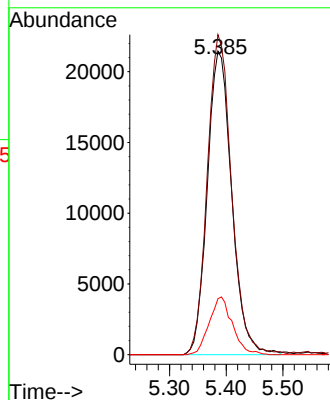
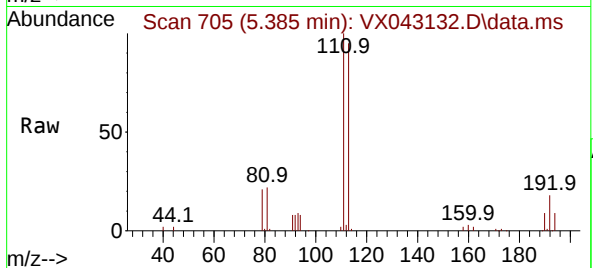




#35
 Dibromofluoromethane
 Concen: 47.902 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX043132.D
 Acq: 24 Sep 2024 18:54

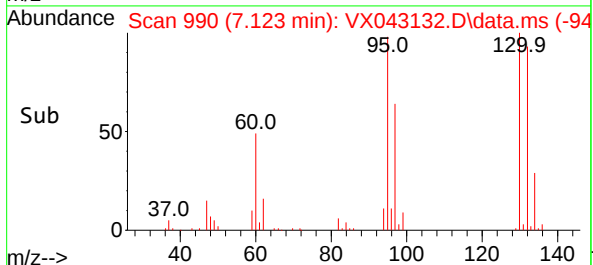
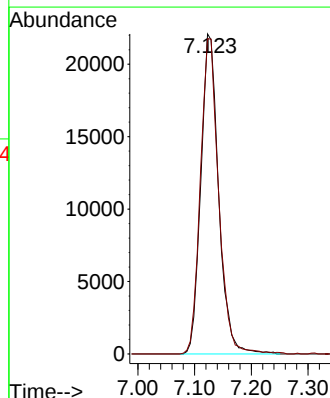
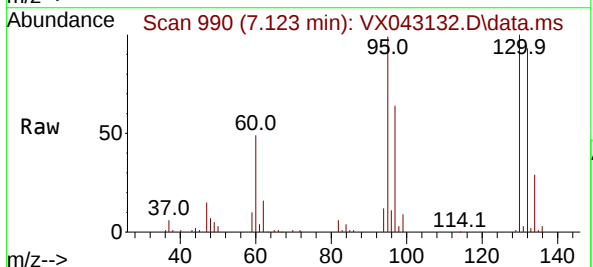
Instrument :
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 ClientSampleId :
 RE134D4-20240919

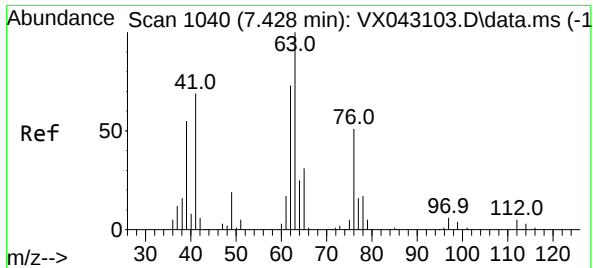
Tgt Ion:113 Resp: 64232
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.6 124.0
 192 18.1 14.6 22.0



#44
 Trichloroethene
 Concen: 36.138 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX043132.D
 Acq: 24 Sep 2024 18:54

Tgt Ion:130 Resp: 48072
 Ion Ratio Lower Upper
 130 100
 95 98.5 0.0 201.6





#45

1,2-Dichloropropane

Concen: 0.990 ug/l

RT: 7.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043132.D

Acq: 24 Sep 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

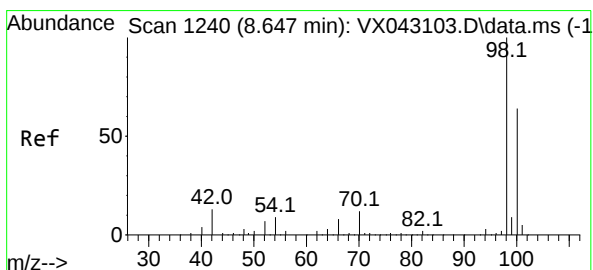
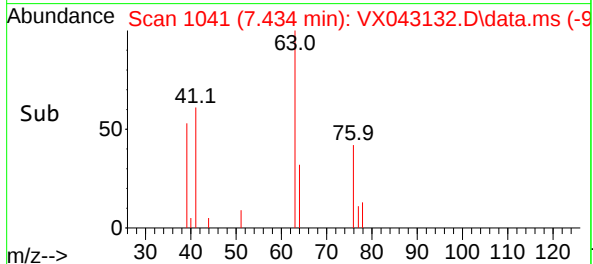
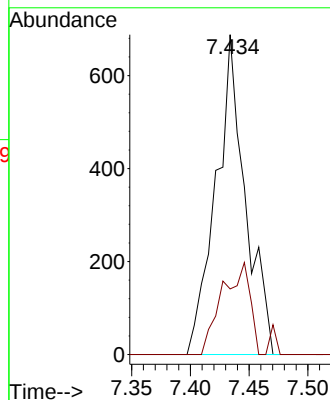
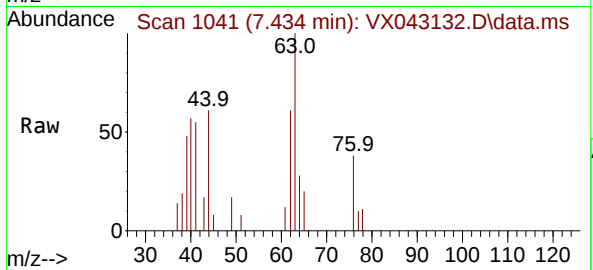
RE134D4-20240919

Tgt Ion: 63 Resp: 1199

Ion Ratio Lower Upper

63 100

65 20.5 25.0 37.6#



#50

Toluene-d8

Concen: 51.963 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043132.D

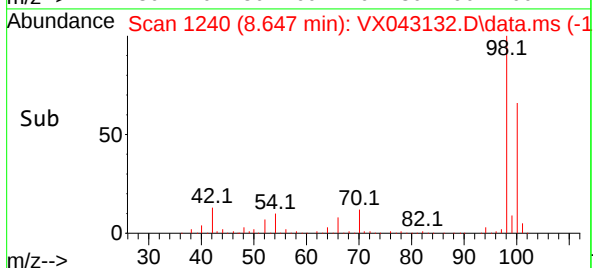
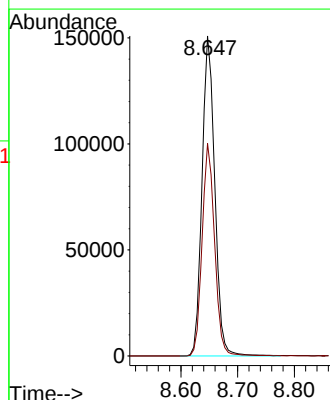
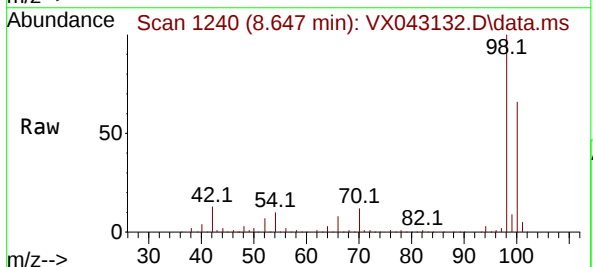
Acq: 24 Sep 2024 18:54

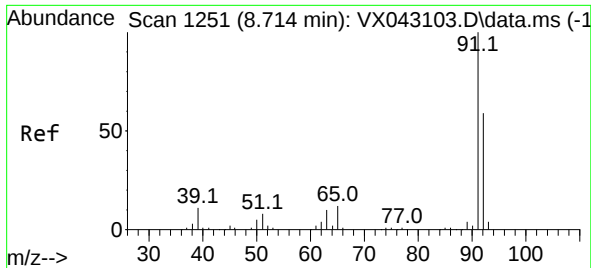
Tgt Ion: 98 Resp: 235735

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

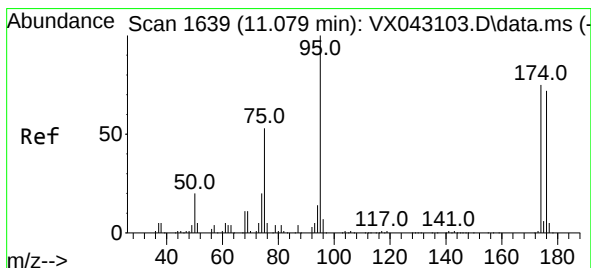
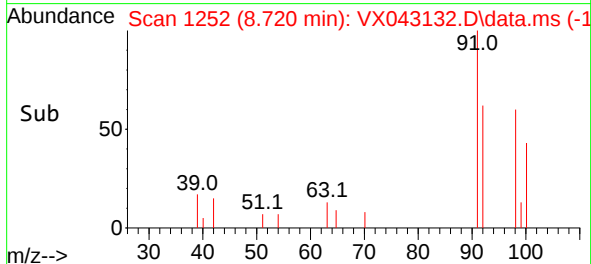
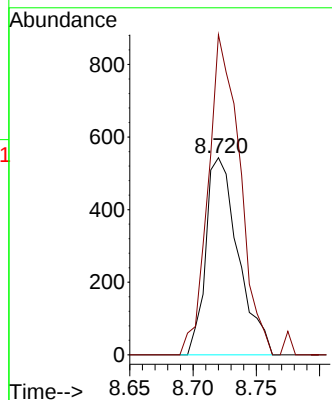
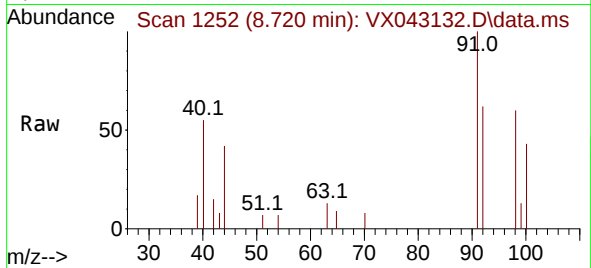




#52
Toluene
Concen: 0.309 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

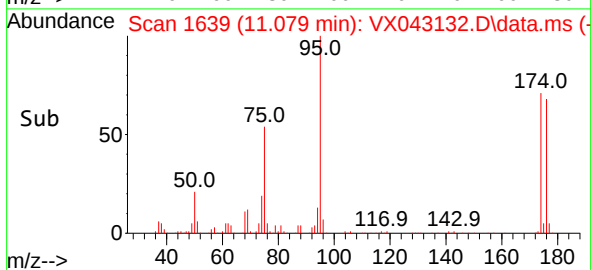
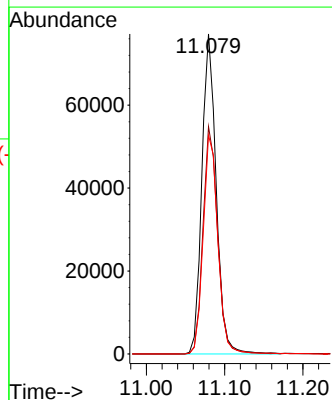
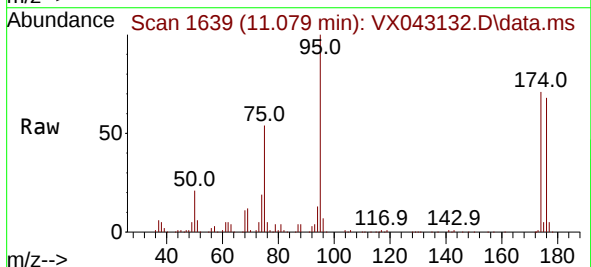
Instrument :
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RE134D4-20240919

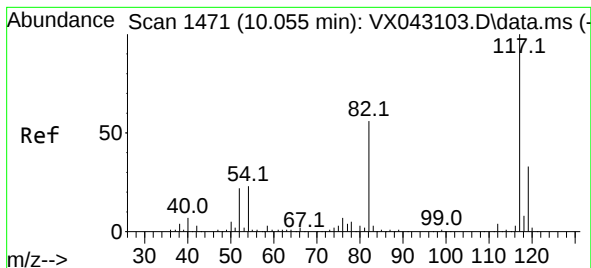
Tgt Ion: 92 Resp: 967
Ion Ratio Lower Upper
92 100
91 159.4 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043132.D
Acq: 24 Sep 2024 18:54

Tgt Ion: 95 Resp: 98003
Ion Ratio Lower Upper
95 100
174 72.4 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: VX043132.D

Acq: 24 Sep 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20240919

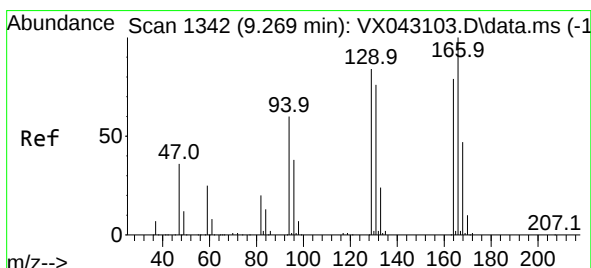
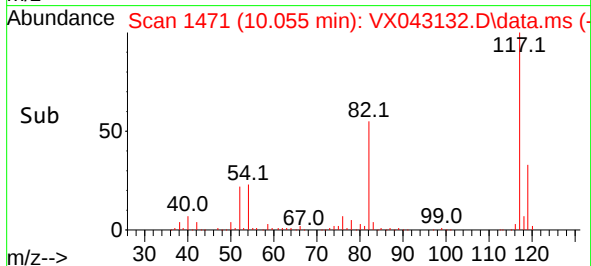
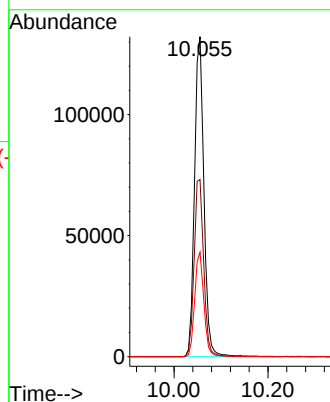
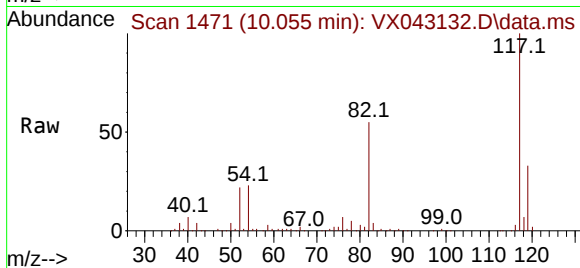
Tgt Ion:117 Resp: 184595

Ion Ratio Lower Upper

117 100

82 55.3 44.7 67.1

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 22.411 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043132.D

Acq: 24 Sep 2024 18:54

Tgt Ion:164 Resp: 29974

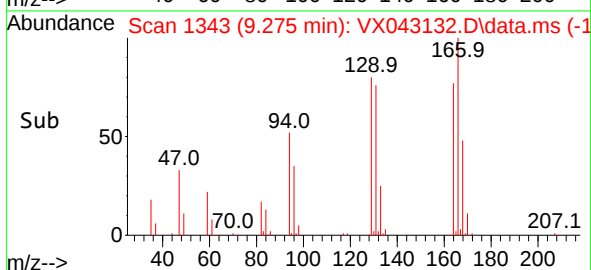
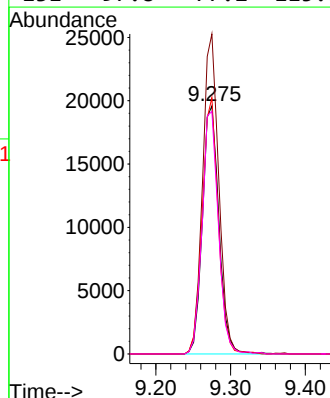
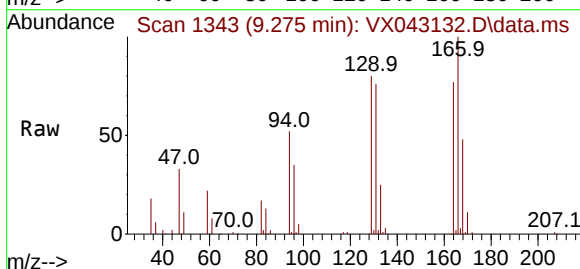
Ion Ratio Lower Upper

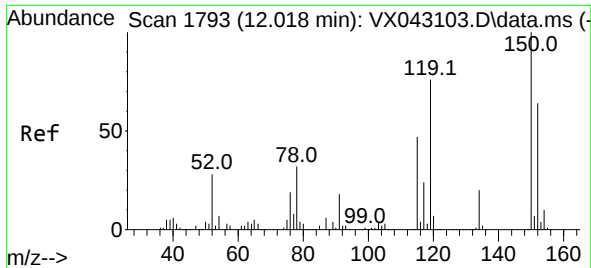
164 100

166 129.0 101.2 151.8

129 103.4 84.7 127.1

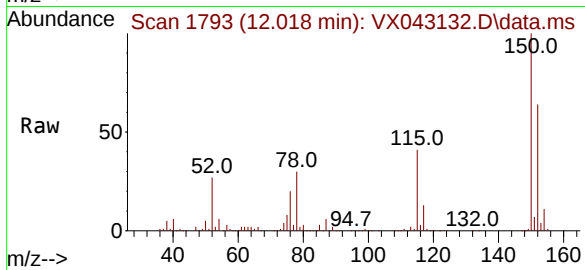
131 97.8 77.2 115.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043132.D
 Acq: 24 Sep 2024 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240919



Tgt Ion:152 Resp: 96243
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.7 131.1
 150 157.4 0.0 344.6

