

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043143.D
 Acq On : 25 Sep 2024 11:20
 Operator : JC/MD
 Sample : P4164-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:32:03 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)

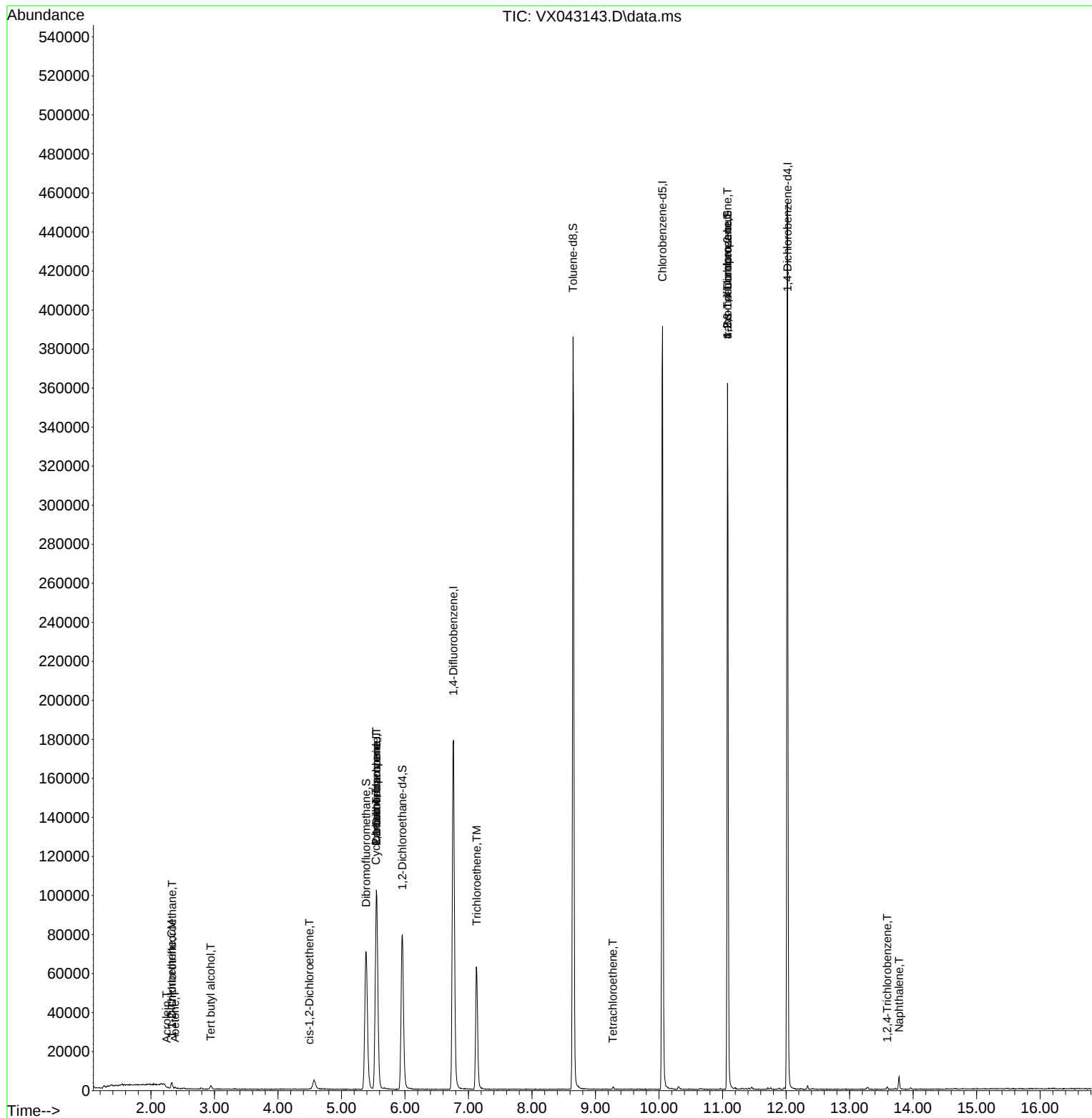
Internal Standards						
1) Pentafluorobenzene	5.550	168	90673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81303	53.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.385	113	62844	49.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	8.647	98	224368	51.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	11.079	95	94346	54.126	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	817	0.813	ug/l	98
11) Tert butyl alcohol	2.940	59	827	2.459	ug/l #	71
12) 1,1-Dichloroethene	2.325	96	541	0.563	ug/l	88
13) Acrolein	2.245	56	21	0.474	ug/l #	15
16) Acetone	2.380	43	769	1.092	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	252	0.204	ug/l	84
31) Cyclohexane	5.544	56	2255	1.522	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	8346	5.309	ug/l #	48
38) Carbon Tetrachloride	5.550	117	9991	4.934	ug/l #	15
44) Trichloroethene	7.129	130	24243	19.101	ug/l	97
64) Tetrachloroethene	9.275	164	260	0.205	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	51414	26.625	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51414	63.436	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	489	0.269	ug/l	74
95) Naphthalene	13.780	128	4717	0.745	ug/l	98

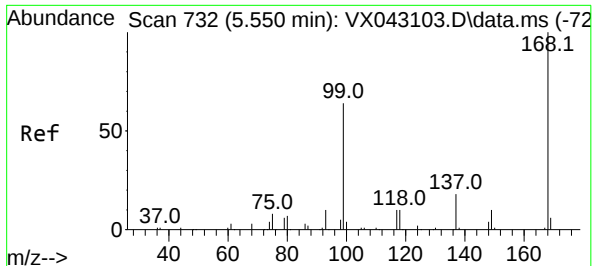
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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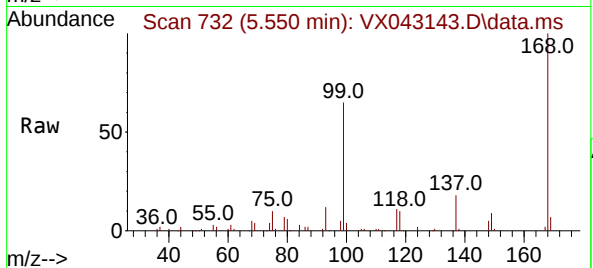
Quant Time: Sep 26 01:32:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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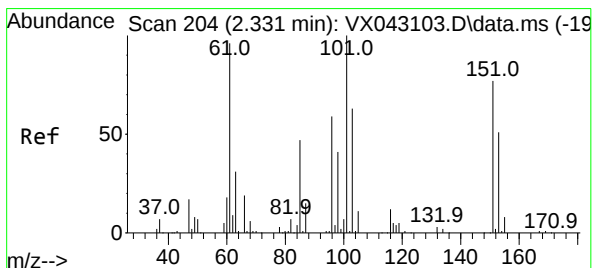
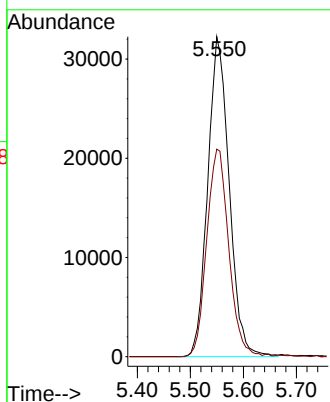
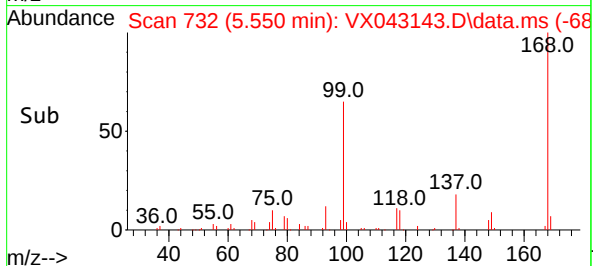


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

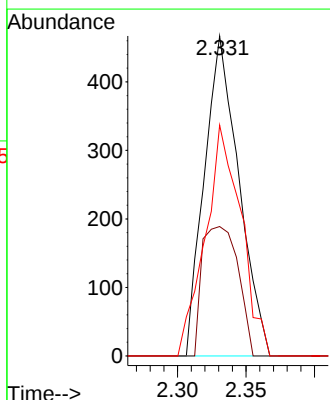
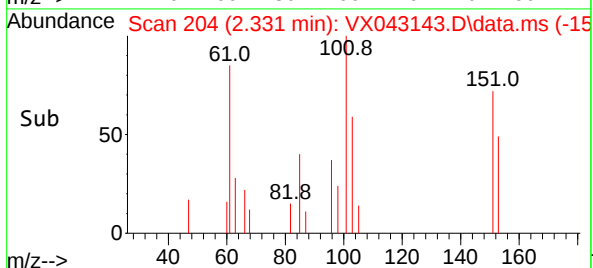
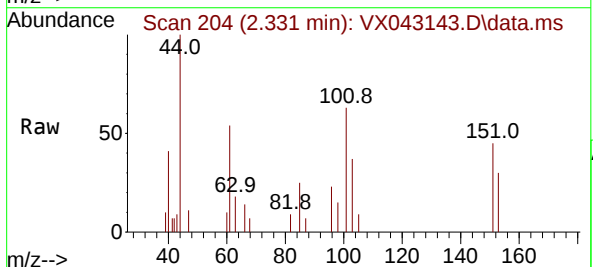


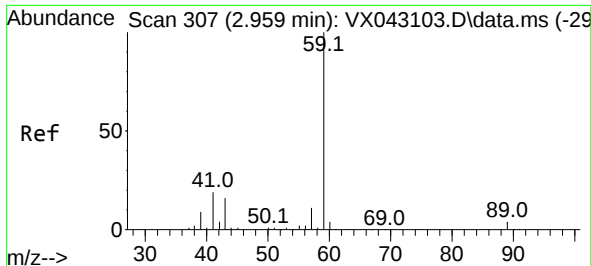
Tgt Ion:168 Resp: 90673
Ion Ratio Lower Upper
168 100
99 64.9 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.813 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion:101 Resp: 817
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.4
151 75.0 60.2 90.4

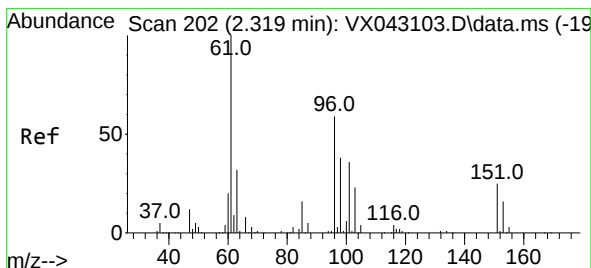
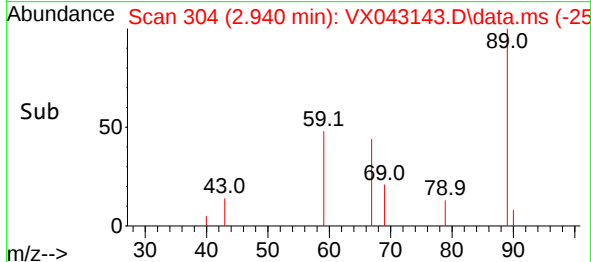
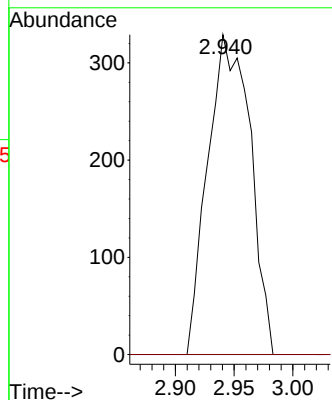
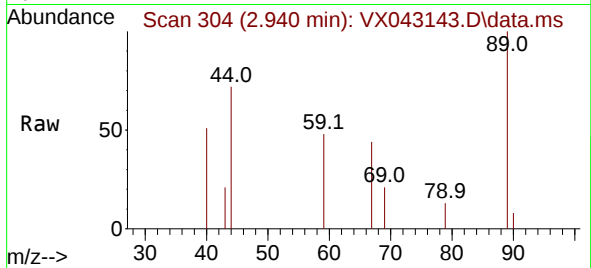




#11
Tert butyl alcohol
Concen: 2.459 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

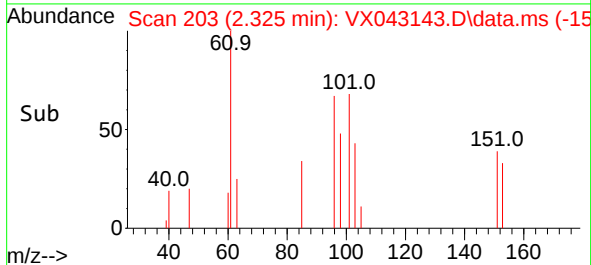
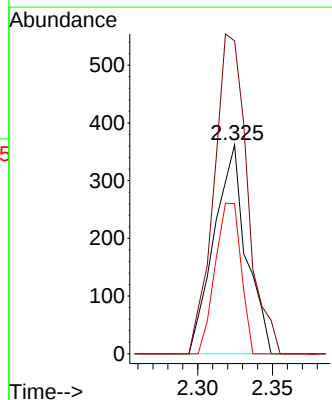
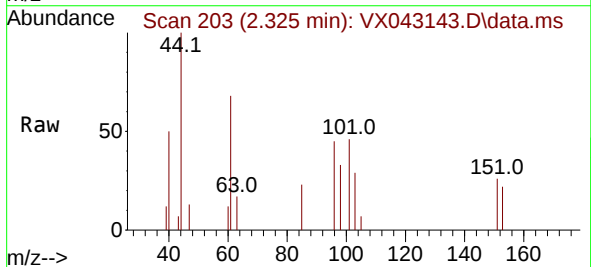
Instrument :
MSVOA_X
ClientSampleId :

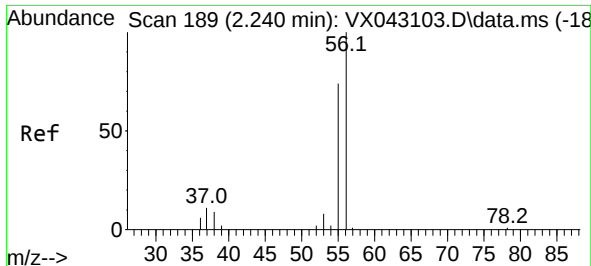
Tgt Ion: 59 Resp: 827
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 0.563 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion: 96 Resp: 541
Ion Ratio Lower Upper
96 100
61 149.7 134.7 202.1
98 71.8 51.6 77.4

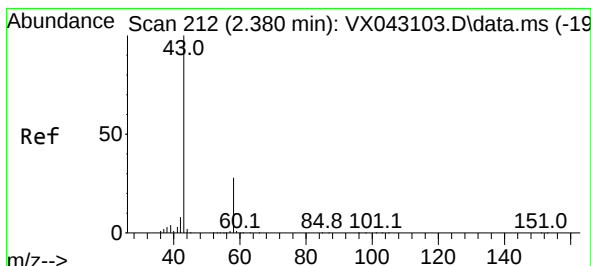
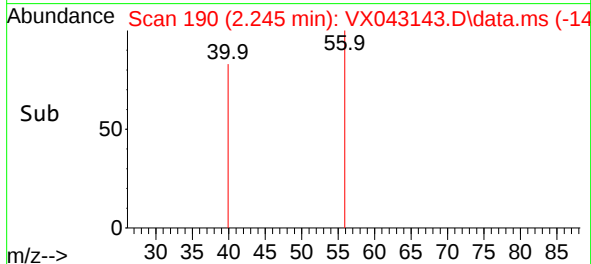
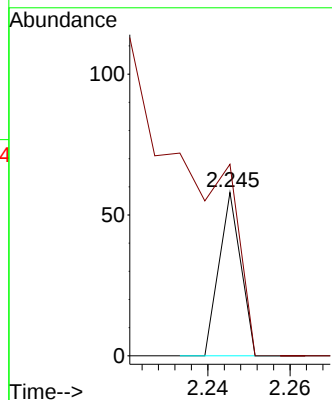
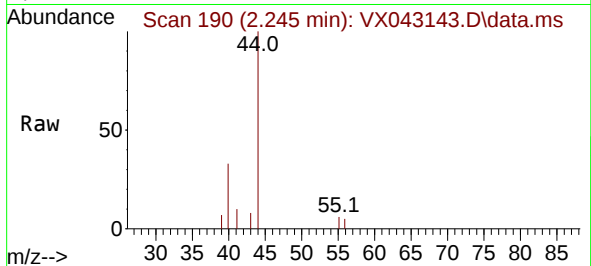




#13
Acrolein
Concen: 0.474 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

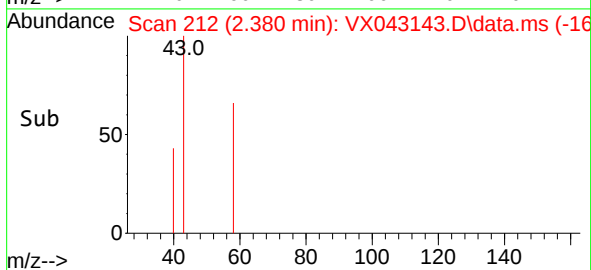
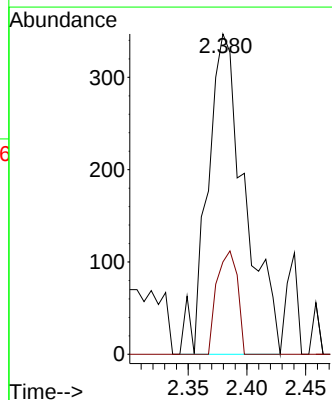
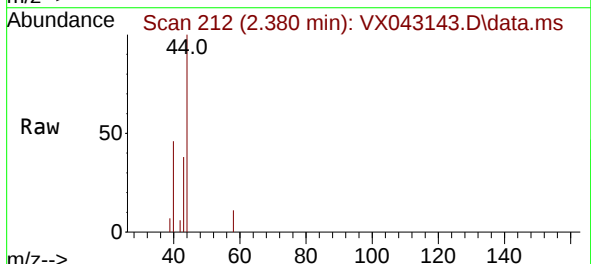
Instrument :
MSVOA_X
ClientSampleId :

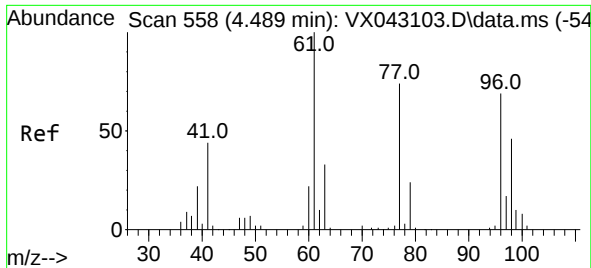
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#16
Acetone
Concen: 1.092 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 28.8 22.6 34.0

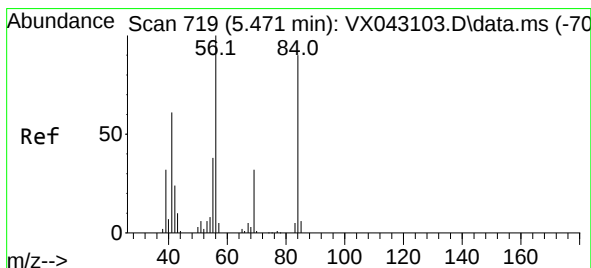
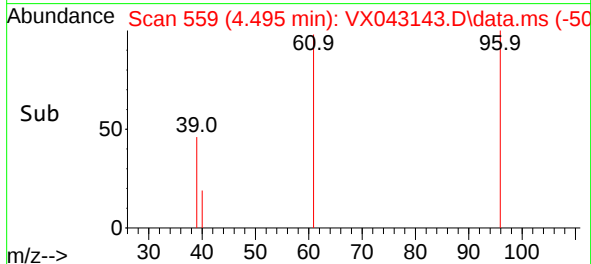
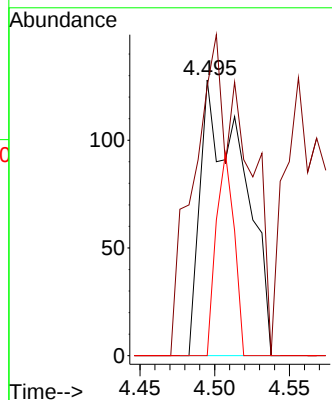
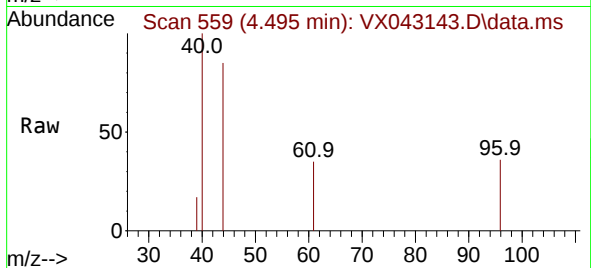




#27
 cis-1,2-Dichloroethene
 Concen: 0.204 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX043143.D
 Acq: 25 Sep 2024 11:20

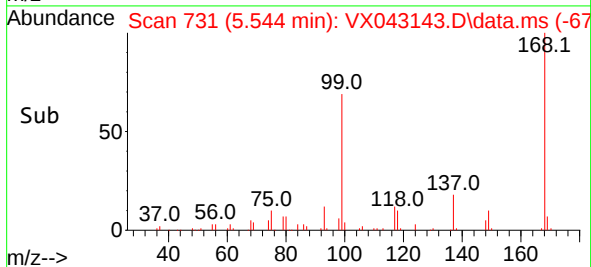
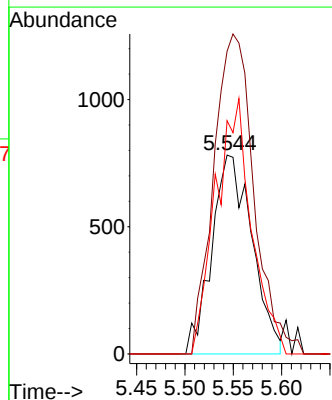
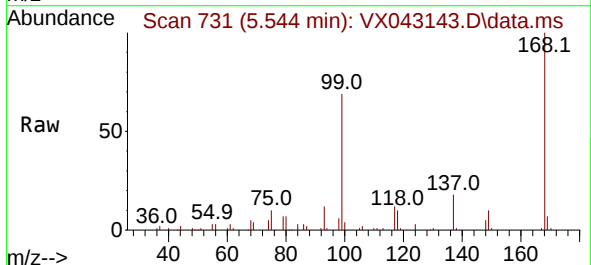
Instrument :
 MSVOA_X
 ClientSampleId :

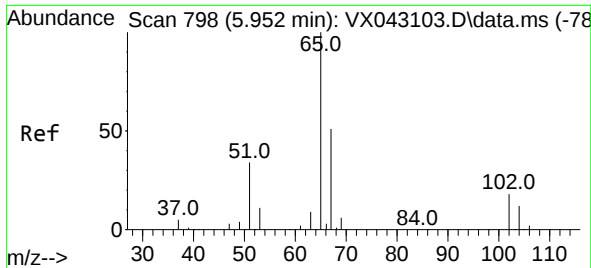
Tgt Ion: 96	Resp: 252
Ion Ratio	Lower Upper
96 100	
61 143.3	0.0 297.8
98 31.3	0.0 131.2



#31
 Cyclohexane
 Concen: 1.522 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX043143.D
 Acq: 25 Sep 2024 11:20

Tgt Ion: 56	Resp: 2255		
Ion Ratio	Lower	Upper	
56	100		
69	152.2	25.8	38.6#
84	117.3	72.4	108.6#





#33

1,2-Dichloroethane-d4

Concen: 53.982 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

Instrument :

MSVOA_X

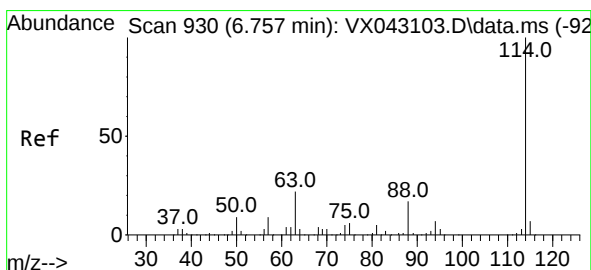
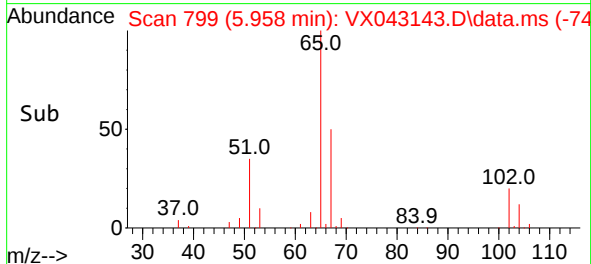
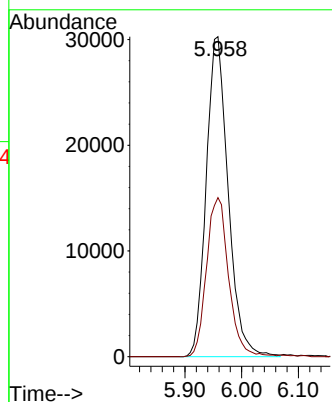
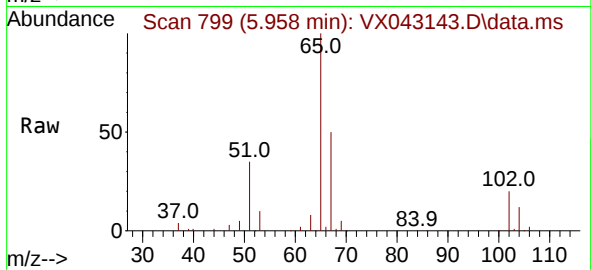
ClientSampleId :

Tgt Ion: 65 Resp: 81303

Ion Ratio Lower Upper

65 100

67 50.1 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: VX043143.D

Acq: 25 Sep 2024 11:20

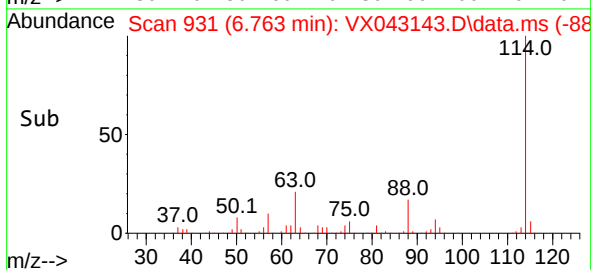
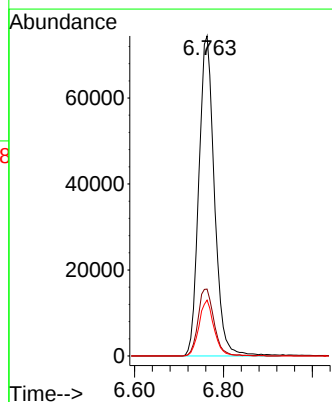
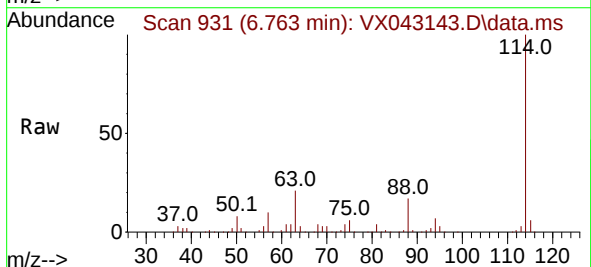
Tgt Ion: 114 Resp: 181358

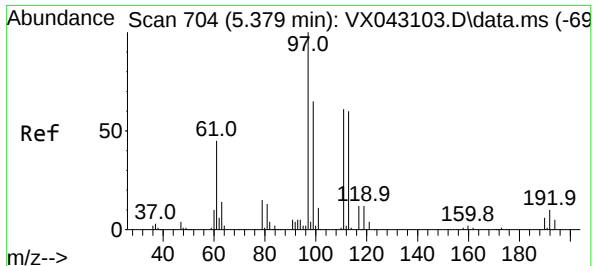
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 17.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

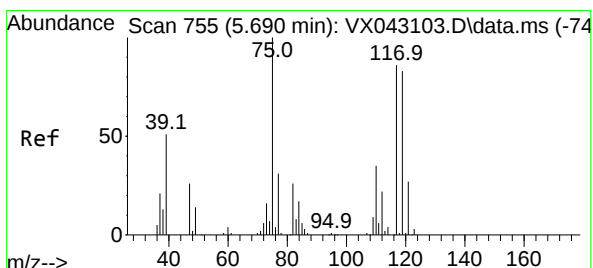
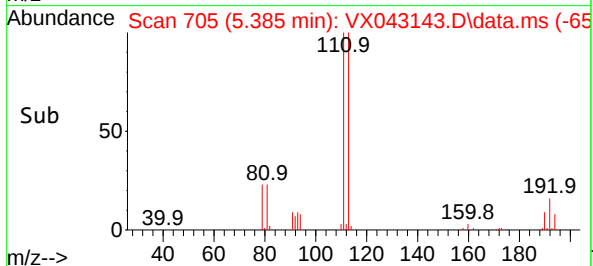
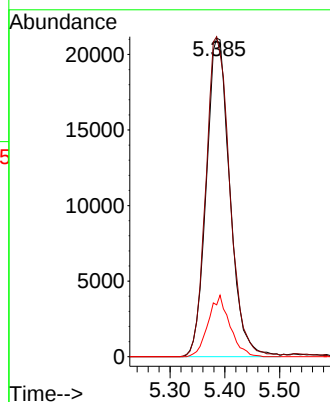
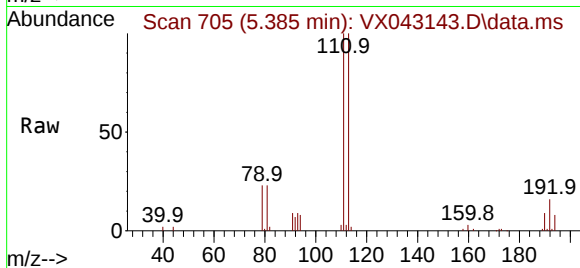
Tgt Ion:113 Resp: 62844

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 17.7 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

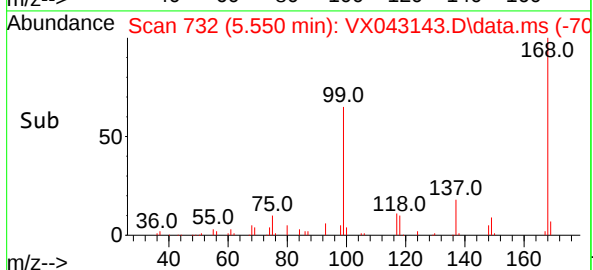
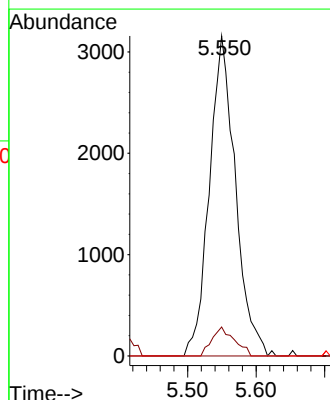
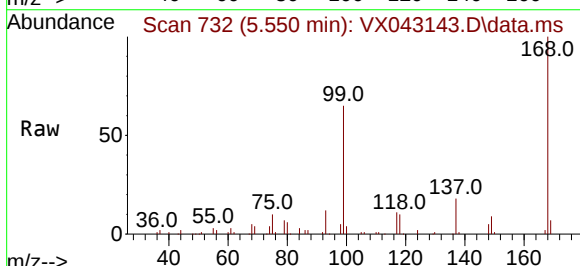
Tgt Ion: 75 Resp: 8346

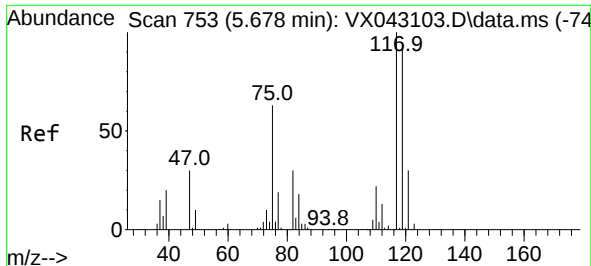
Ion Ratio Lower Upper

75 100

110 7.8 17.8 53.4#

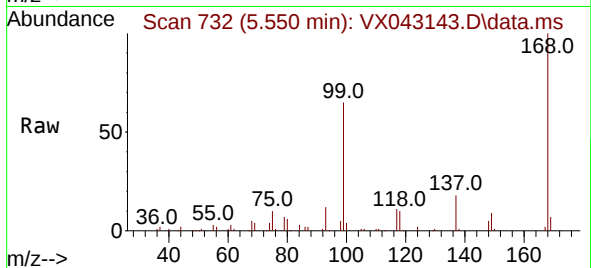
77 0.0 25.2 37.8#



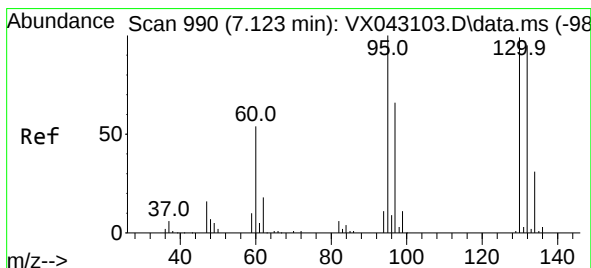
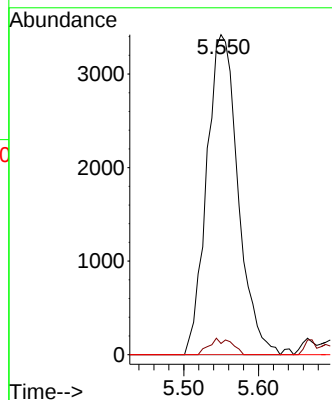
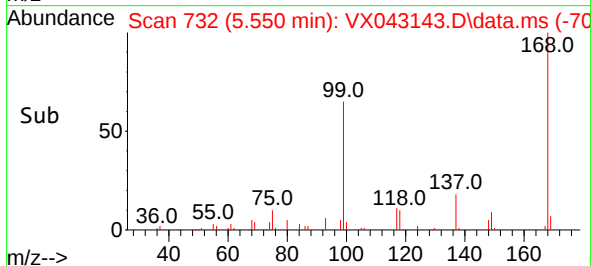


#38
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

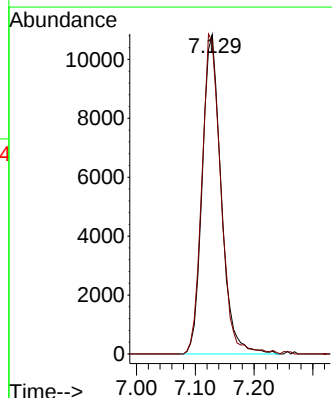
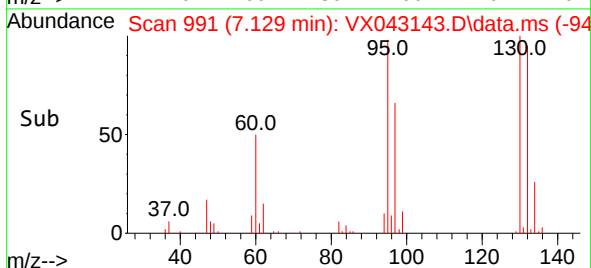
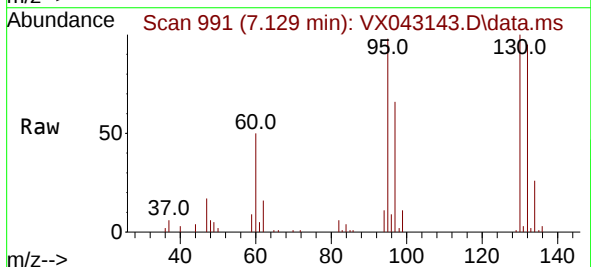


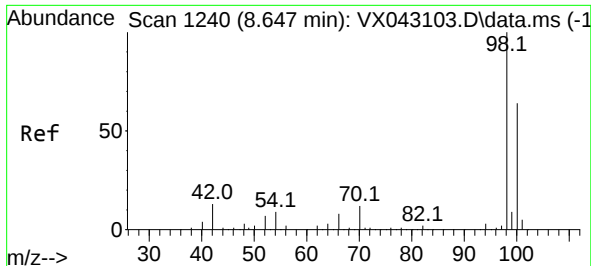
Tgt Ion:117 Resp: 9991
Ion Ratio Lower Upper
117 100
119 3.5 75.5 113.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 19.101 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion:130 Resp: 24243
Ion Ratio Lower Upper
130 100
95 97.8 0.0 201.6

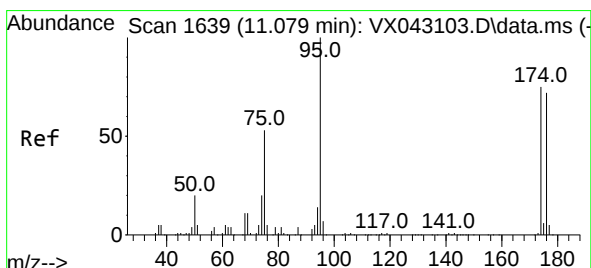
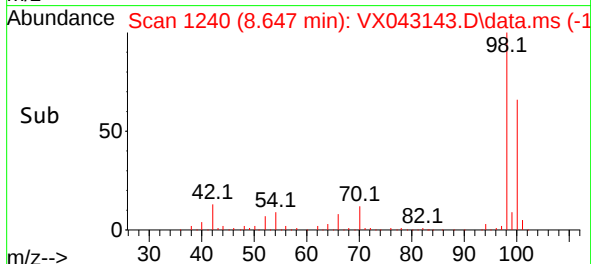
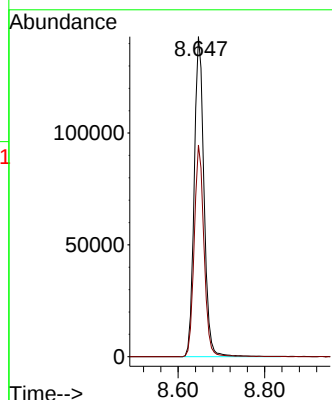
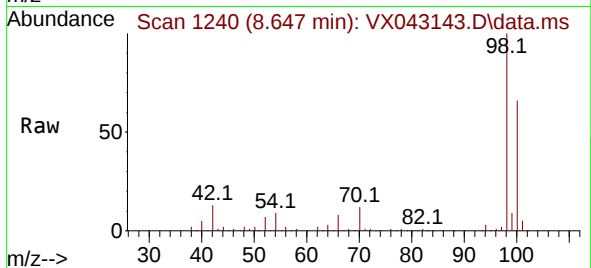




#50
Toluene-d8
Concen: 51.837 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

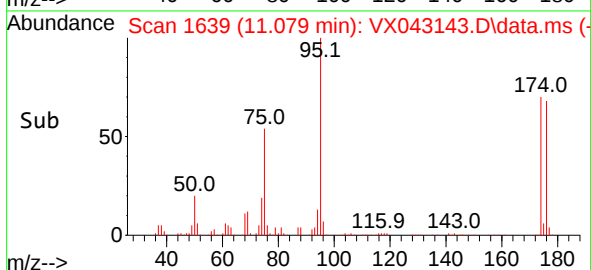
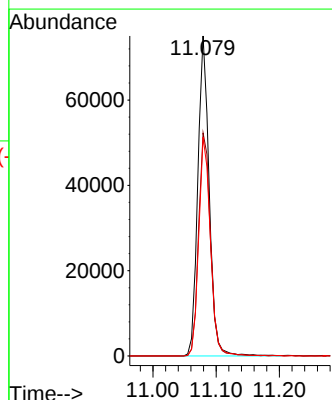
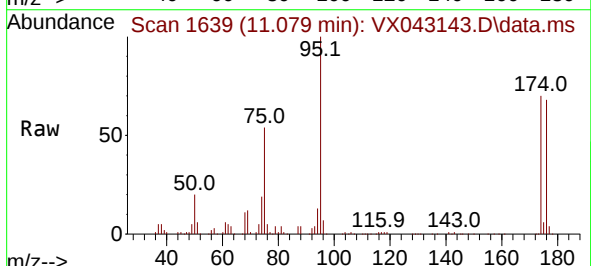
Instrument :
MSVOA_X
ClientSampleId :

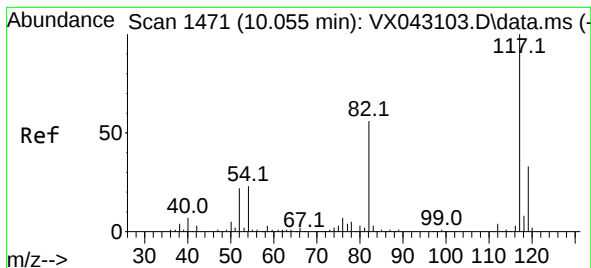
Tgt Ion: 98 Resp: 224368
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion: 95 Resp: 94346
Ion Ratio Lower Upper
95 100
174 72.3 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: VX043143.D

Acq: 25 Sep 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

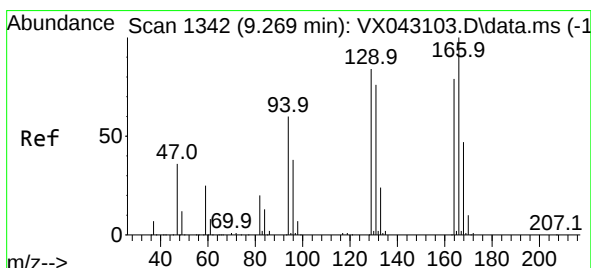
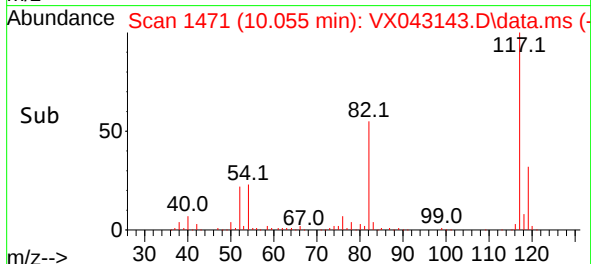
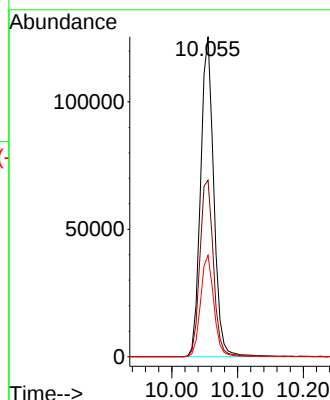
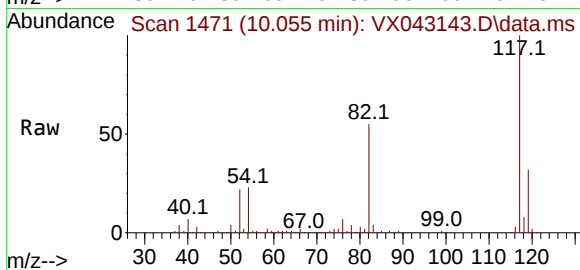
Tgt Ion:117 Resp: 174796

Ion Ratio Lower Upper

117 100

82 55.2 44.7 67.1

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 0.205 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

Tgt Ion:164 Resp: 260

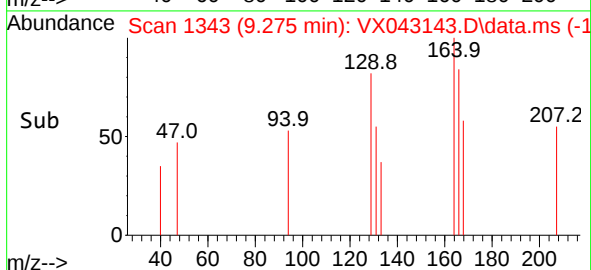
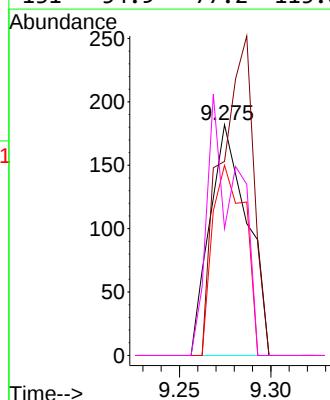
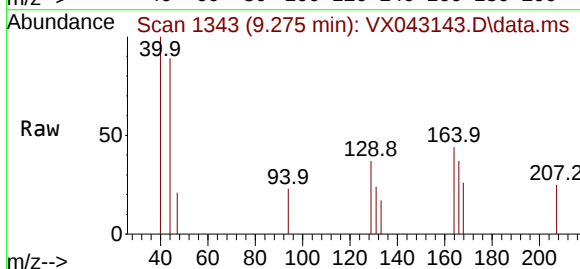
Ion Ratio Lower Upper

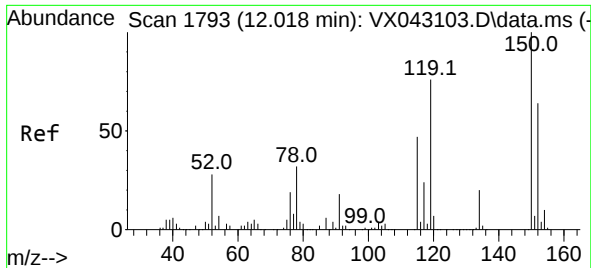
164 100

166 84.1 101.2 151.8#

129 82.4 84.7 127.1#

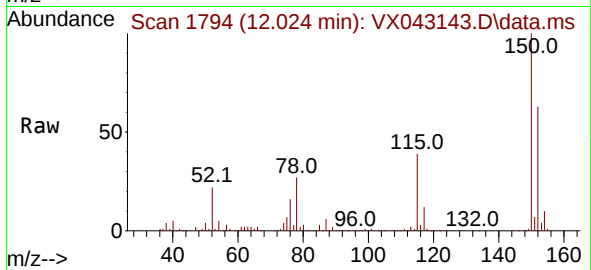
131 54.9 77.2 115.8#



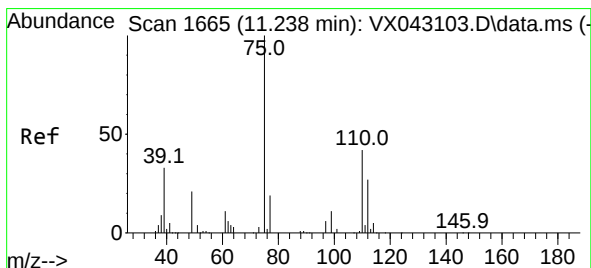
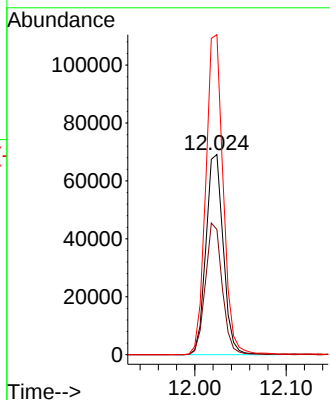
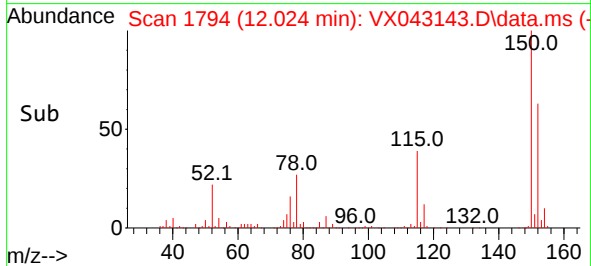


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

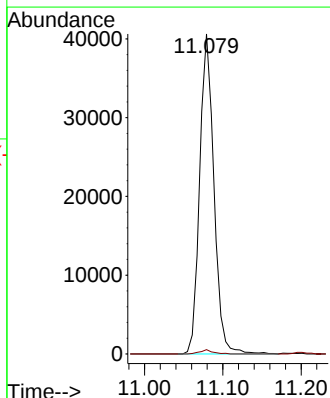
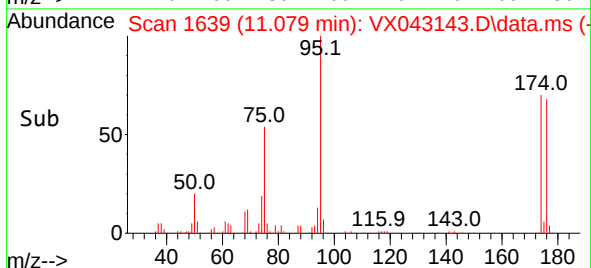
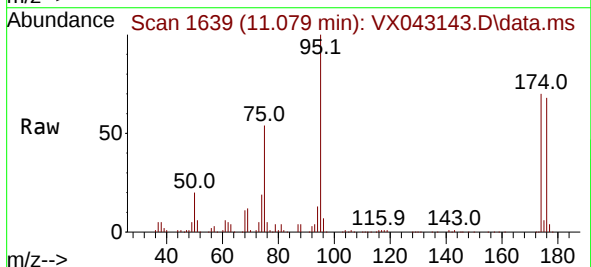


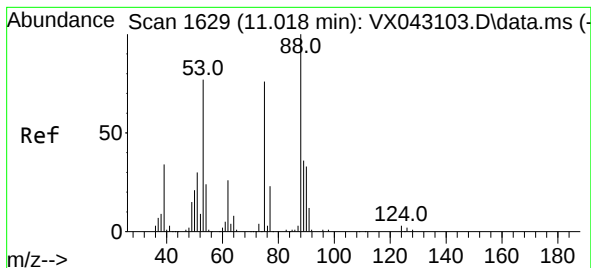
Tgt Ion:152 Resp: 90828
Ion Ratio Lower Upper
152 100
115 64.0 43.7 131.1
150 160.9 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 26.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion: 75 Resp: 51414
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#

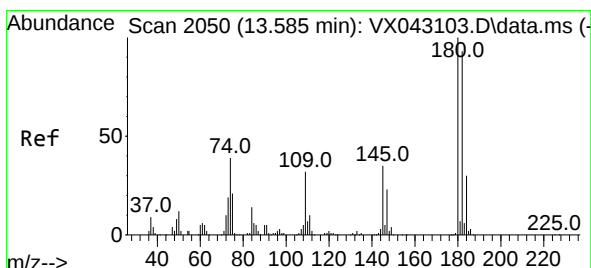
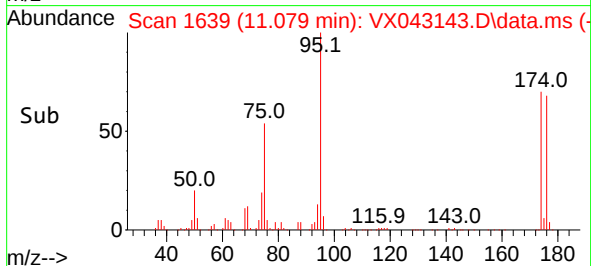
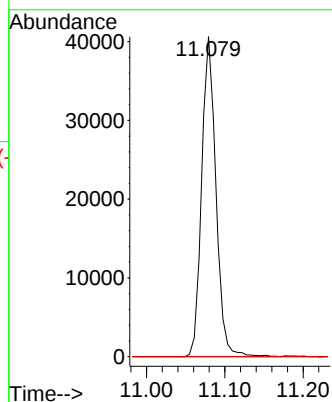
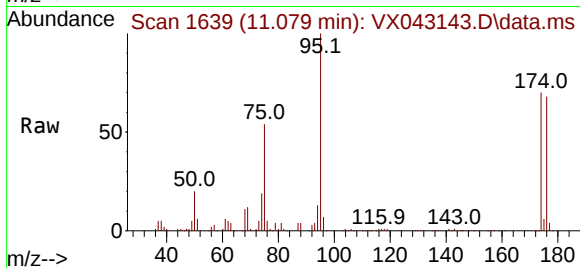




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.436 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX043143.D
 Acq: 25 Sep 2024 11:20

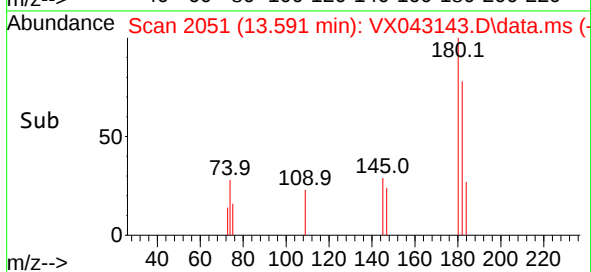
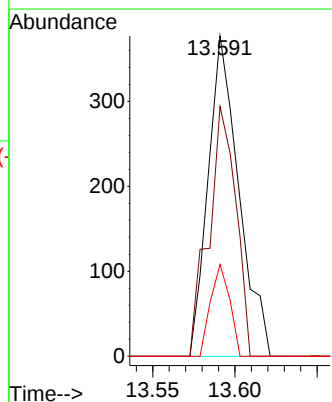
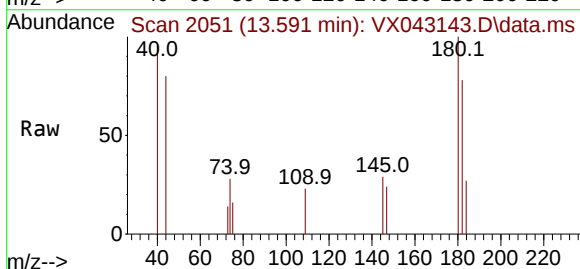
Instrument :
 MSVOA_X
 ClientSampleId :

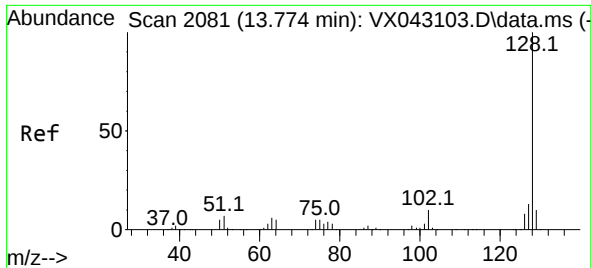
Tgt Ion: 75 Resp: 51414
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.2#
 89 0.0 38.8 58.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.269 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX043143.D
 Acq: 25 Sep 2024 11:20

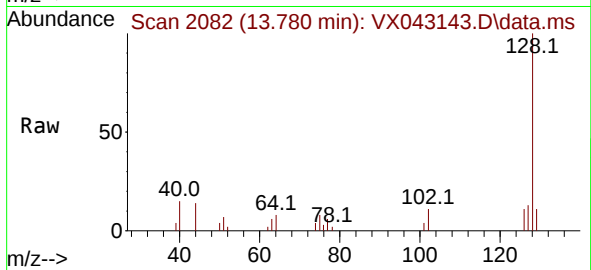
Tgt Ion: 180 Resp: 489
 Ion Ratio Lower Upper
 180 100
 182 69.3 46.7 140.0
 145 17.8 17.0 50.9





#95
Naphthalene
Concen: 0.745 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	4717
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.4
129	11.2	8.6	13.0

