

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041396.D
 Acq On : 07 May 2024 10:12
 Operator : JC/MD
 Sample : VX0507WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 08 01:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

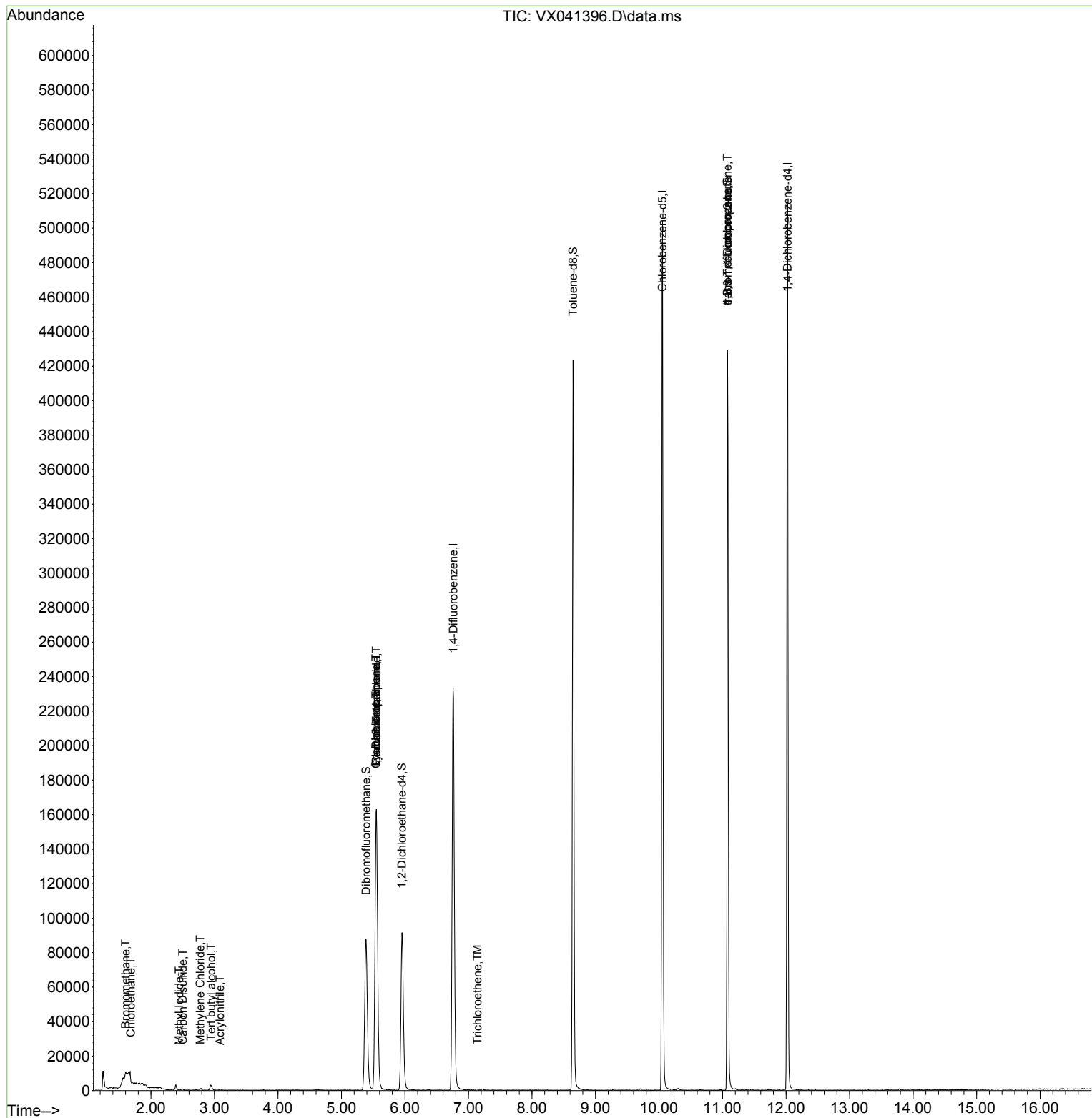
Internal Standards						
1) Pentafluorobenzene	5.550	168	174583	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	250153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91333	48.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.385	113	76873	45.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	246175	45.881	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.760%#
62) 4-Bromofluorobenzene	11.079	95	106424	51.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	808	0.911	ug/l	91
6) Chloroethane	1.684	64	209	0.318	ug/l	91
10) Methyl Iodide	2.447	142	464	0.314	ug/l #	53
11) Tert butyl alcohol	2.946	59	1874	4.926	ug/l #	78
15) Acrylonitrile	3.087	53	222	0.256	ug/l #	46
16) Acetone	2.392	43	3048	Below Cal		98
17) Carbon Disulfide	2.501	76	683	0.215	ug/l #	76
20) Methylene Chloride	2.776	84	503	0.305	ug/l #	52
31) Cyclohexane	5.544	56	3000	1.308	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11049	5.451	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15050	6.481	ug/l #	14
44) Trichloroethene	7.141	130	338	0.205	ug/l	72
76) 1,2,3-Trichloropropane	11.079	75	53872	28.109	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53872	76.565	ug/l #	5

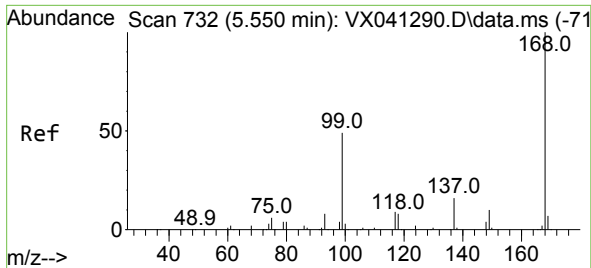
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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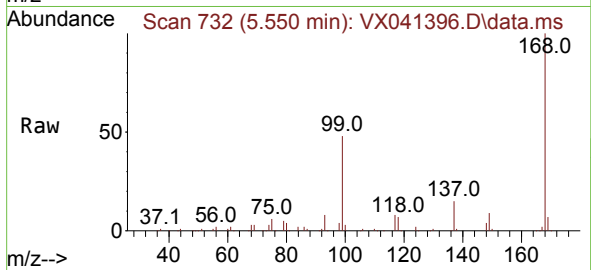
Quant Time: May 08 01:55:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



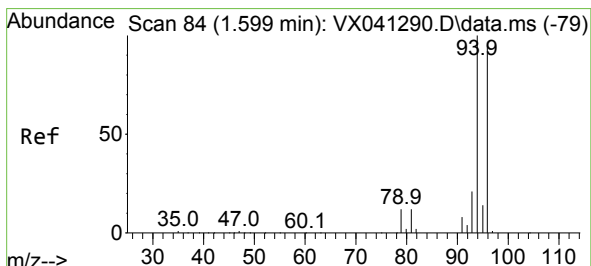
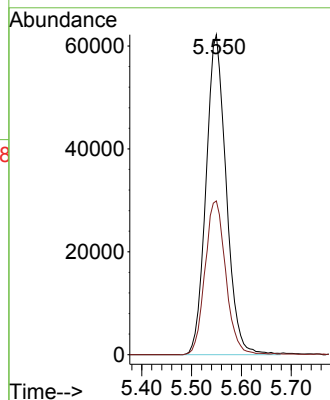
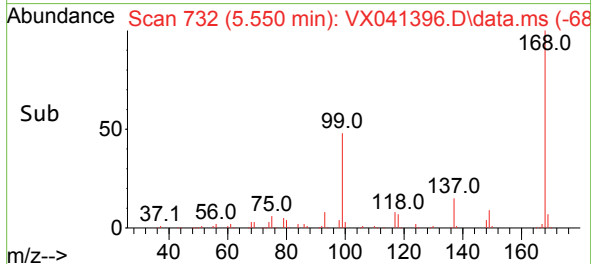


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :

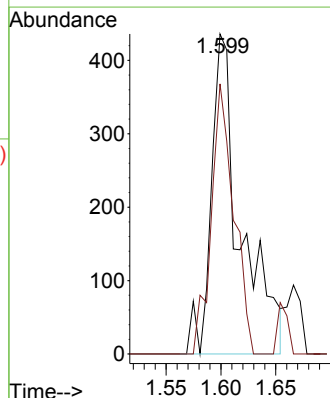
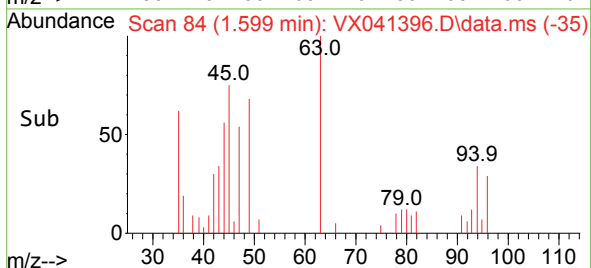
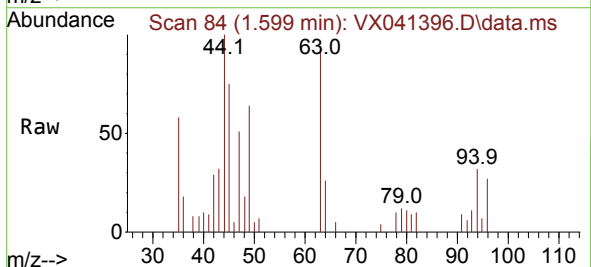


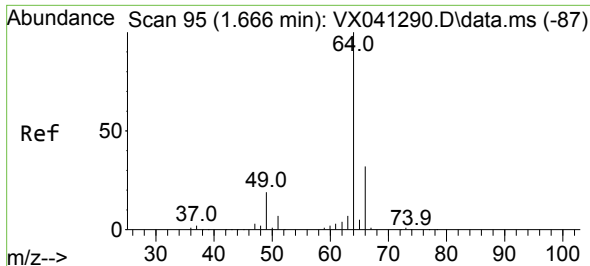
Tgt Ion:168 Resp: 174583
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#5
Bromomethane
Concen: 0.911 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

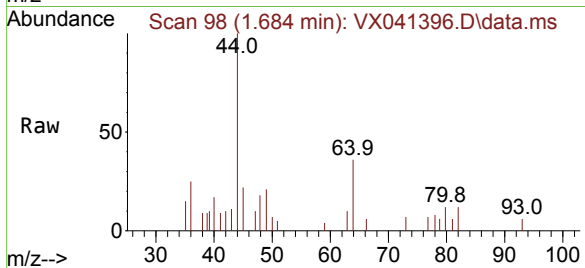
Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 84.4 74.6 111.8



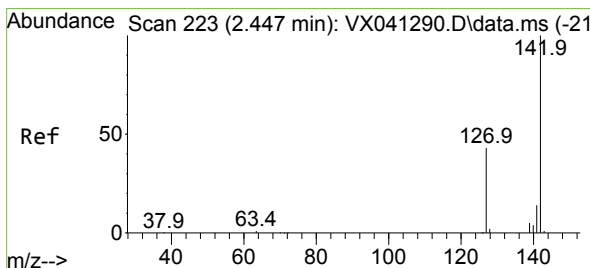
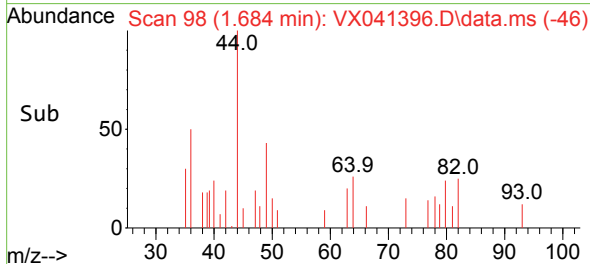
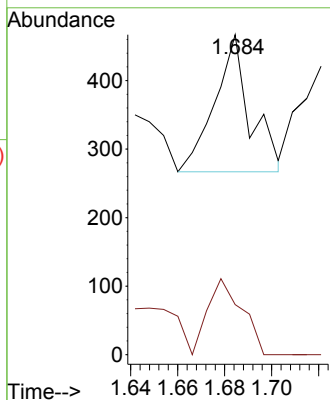


#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.684 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :

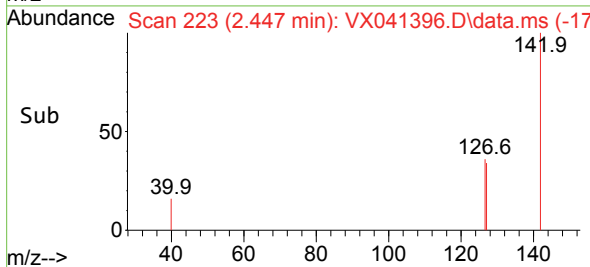
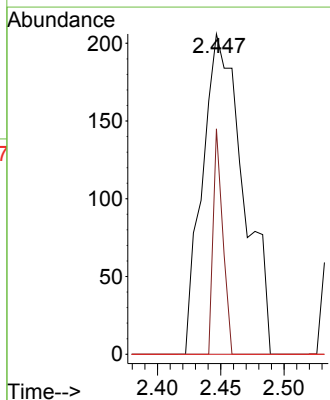
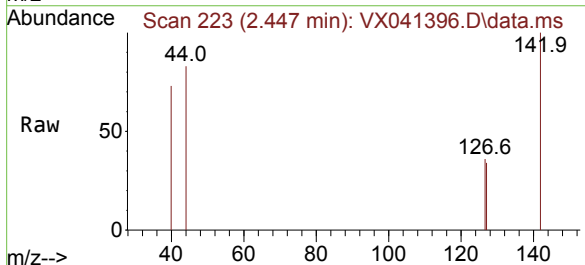


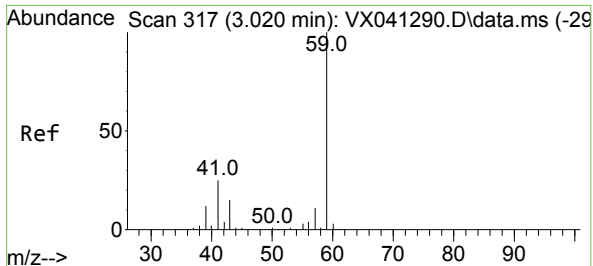
Tgt Ion: 64 Resp: 209
Ion Ratio Lower Upper
64 100
66 36.5 25.1 37.7



#10
Methyl Iodide
Concen: 0.314 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Tgt Ion: 142 Resp: 464
Ion Ratio Lower Upper
142 100
127 16.4 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.926 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.073 min

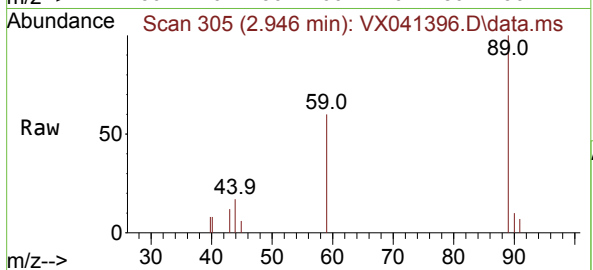
Lab File: VX041396.D

Acq: 07 May 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

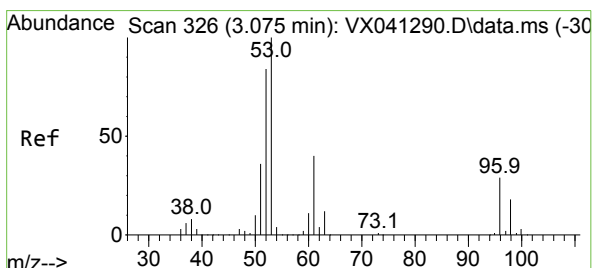
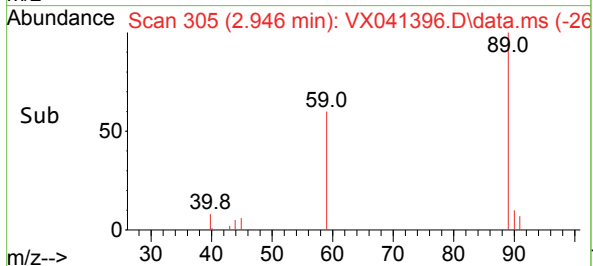
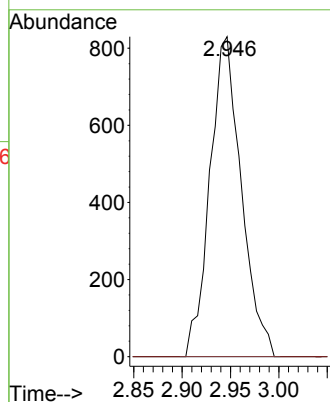


Tgt Ion: 59 Resp: 1874

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#15

Acrylonitrile

Concen: 0.256 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.012 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

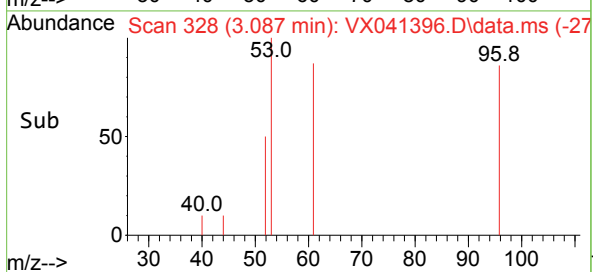
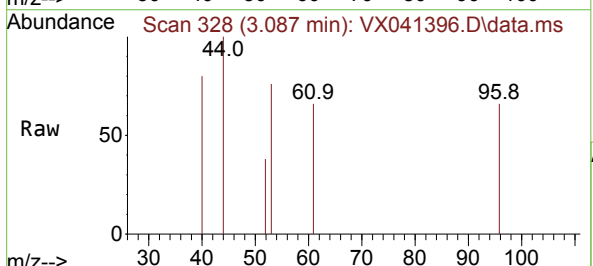
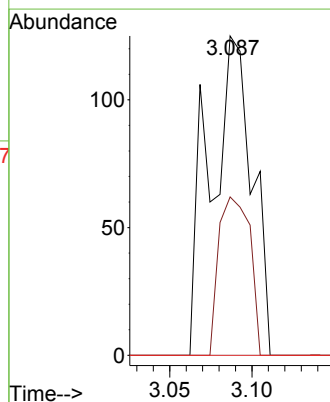
Tgt Ion: 53 Resp: 222

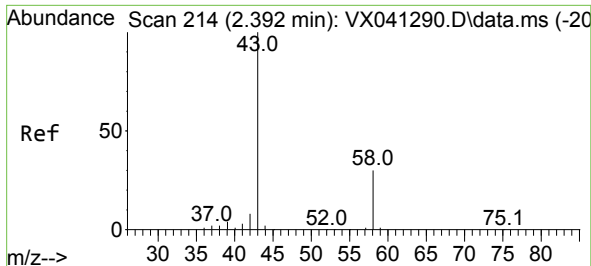
Ion Ratio Lower Upper

53 100

52 36.9 66.0 99.0#

51 0.0 29.8 44.6#

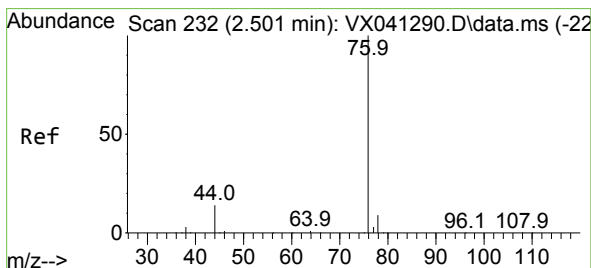
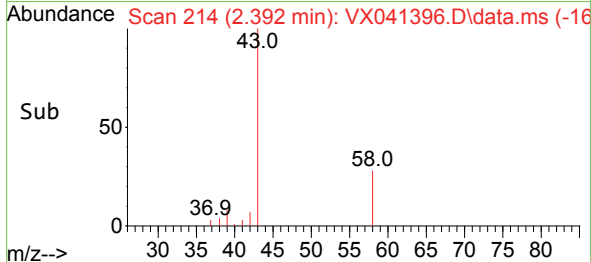
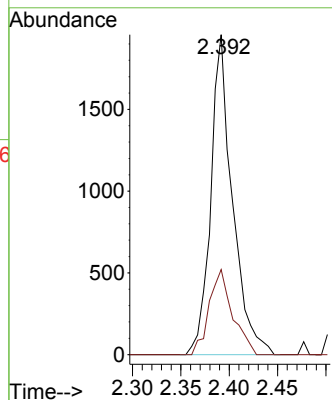
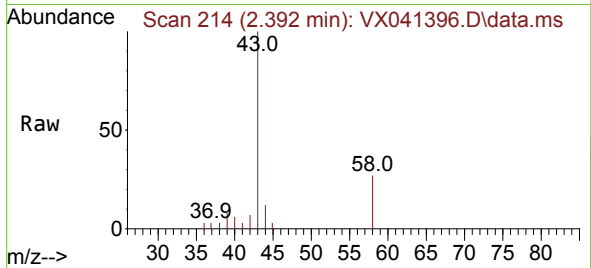




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

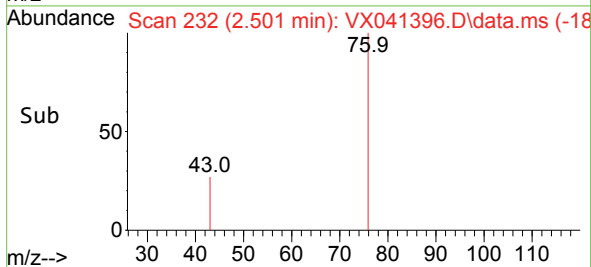
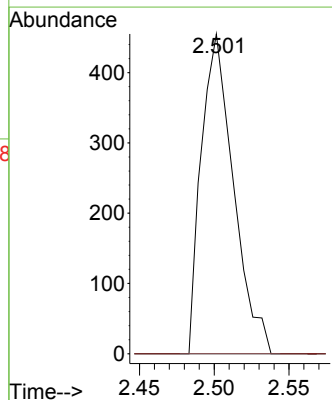
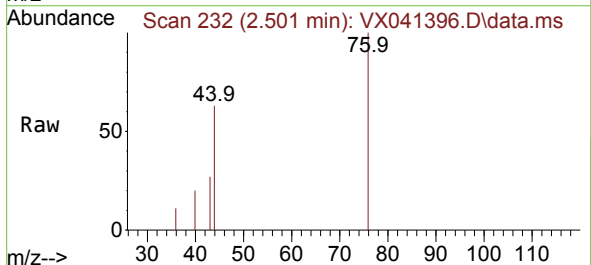
Instrument :
MSVOA_X
ClientSampleId :

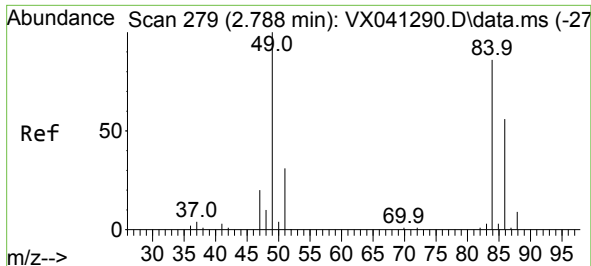
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

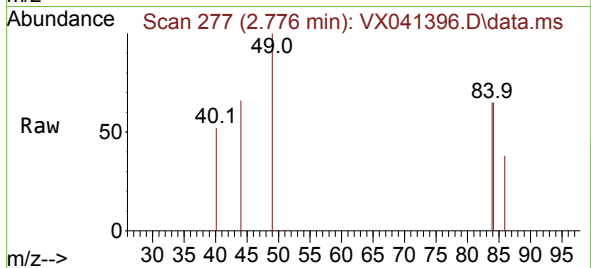
Tgt Ion: 76 Resp: 683
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





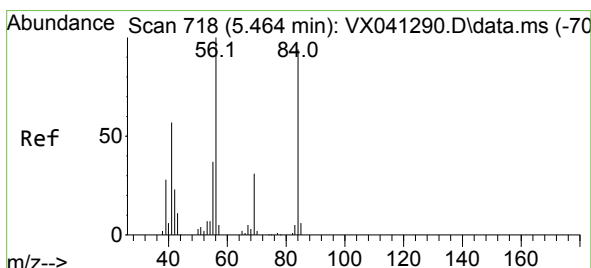
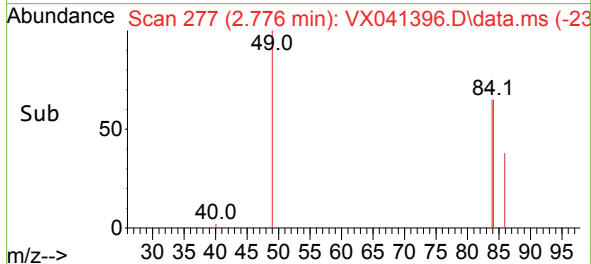
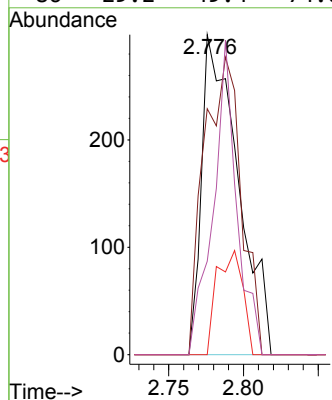
#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 503

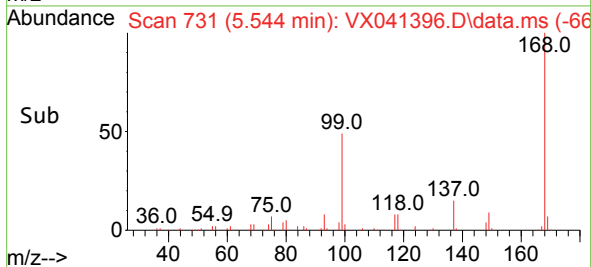
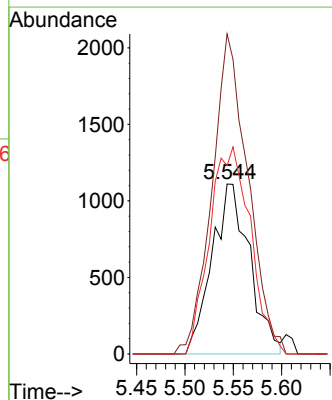
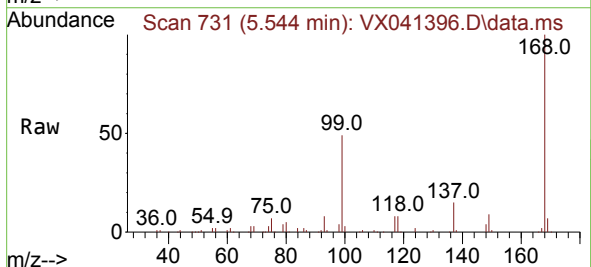
Ion	Ratio	Lower	Upper
84	100		
49	76.8	103.6	155.4#
51	0.0	33.8	50.6#
86	29.2	49.4	74.0#

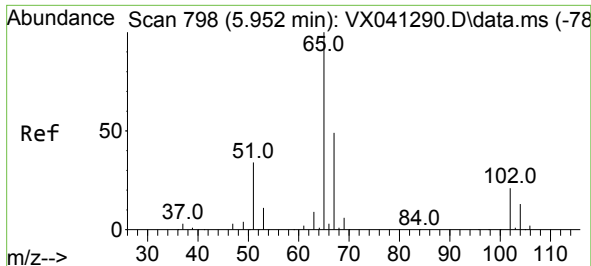


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Tgt Ion: 56 Resp: 3000

Ion	Ratio	Lower	Upper
56	100		
69	183.2	23.4	35.2#
84	110.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.055 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

Instrument :

MSVOA_X

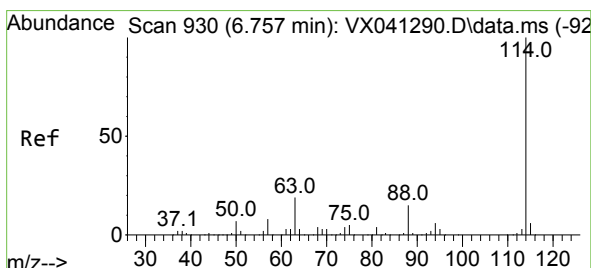
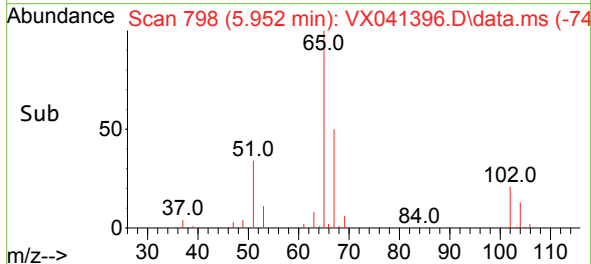
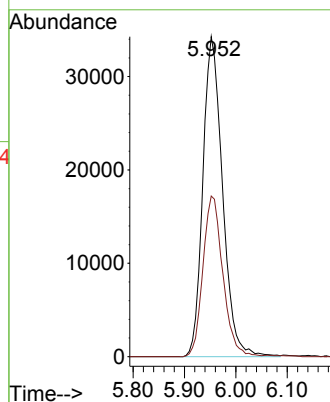
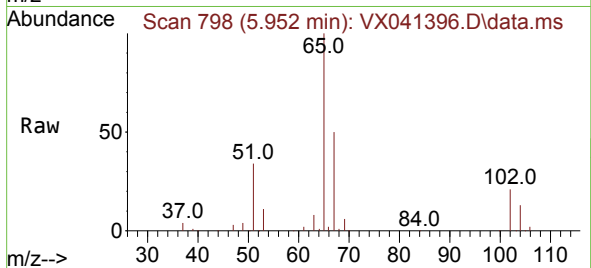
ClientSampleId :

Tgt Ion: 65 Resp: 91333

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

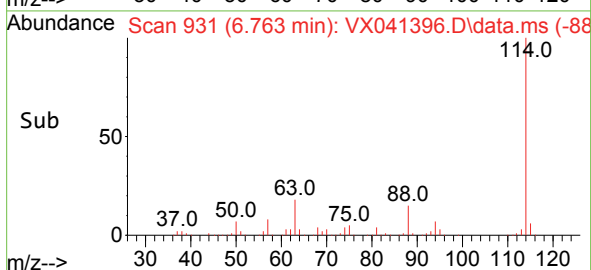
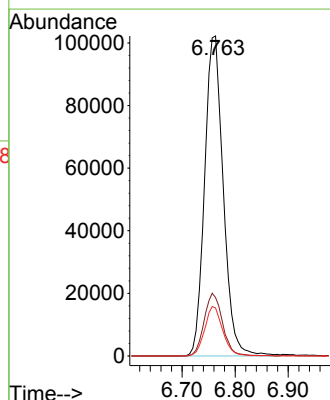
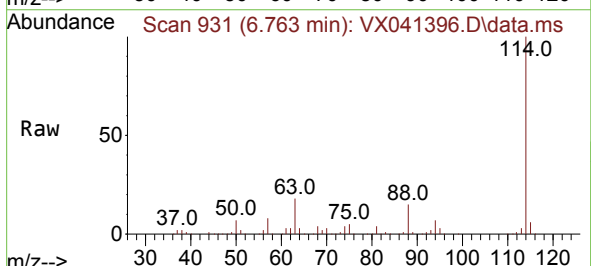
Tgt Ion: 114 Resp: 250153

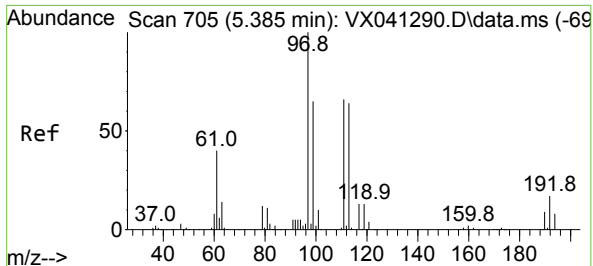
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.0 0.0 36.6

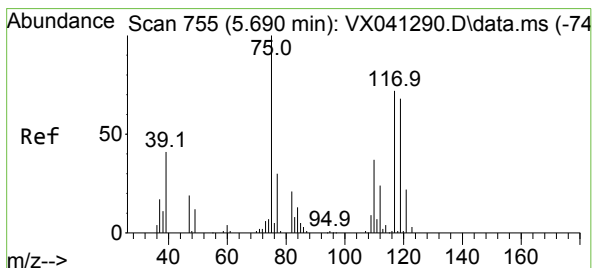
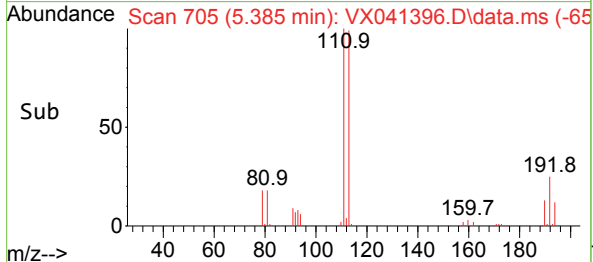
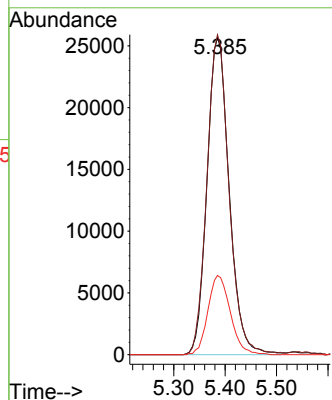
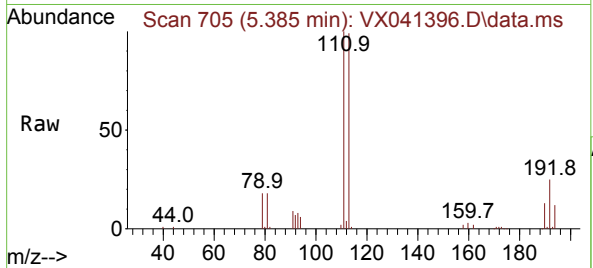




#35
Dibromofluoromethane
Concen: 45.347 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

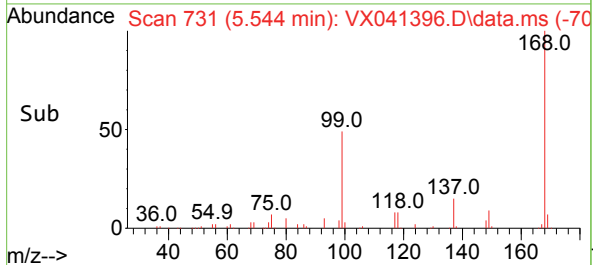
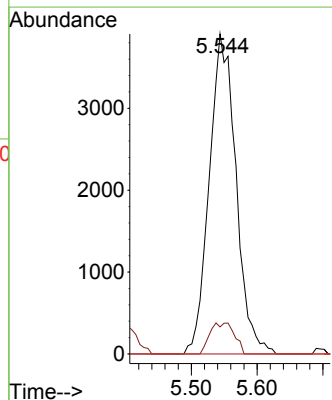
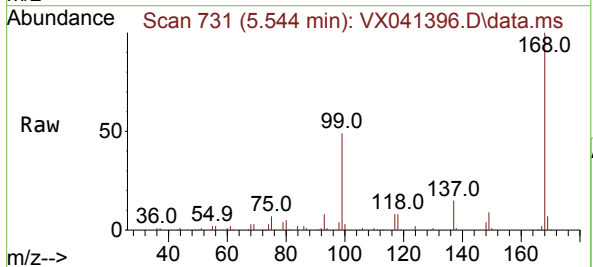
Instrument :
MSVOA_X
ClientSampleId :

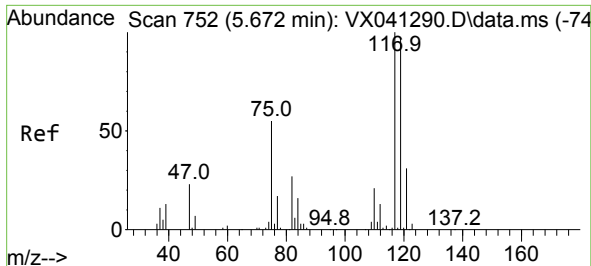
Tgt Ion:113 Resp: 76873
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 25.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.451 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

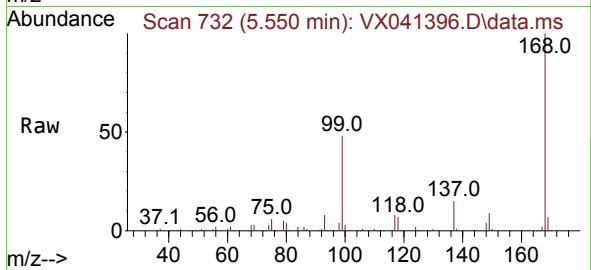
Tgt Ion: 75 Resp: 11049
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



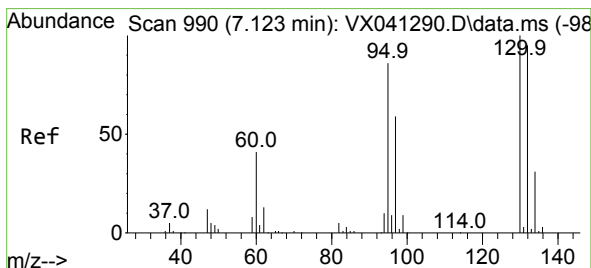
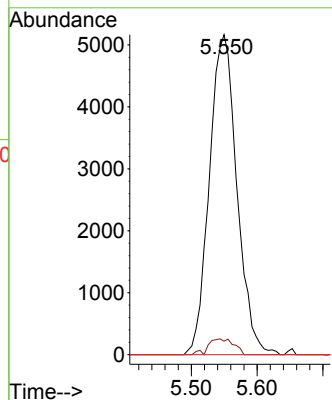
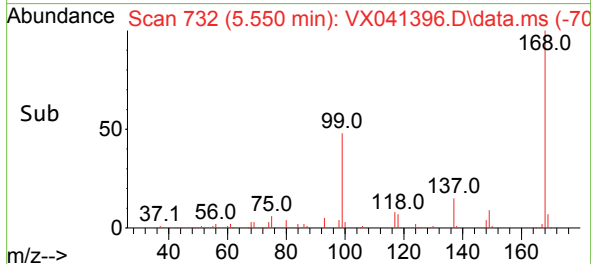


#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :

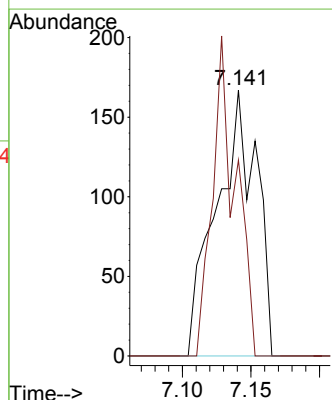
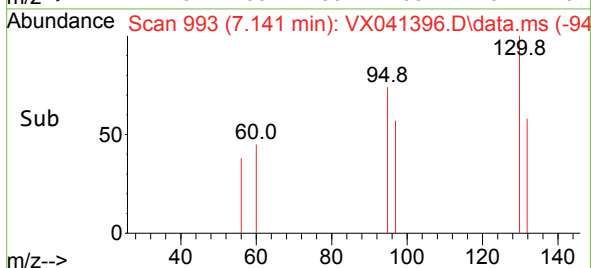
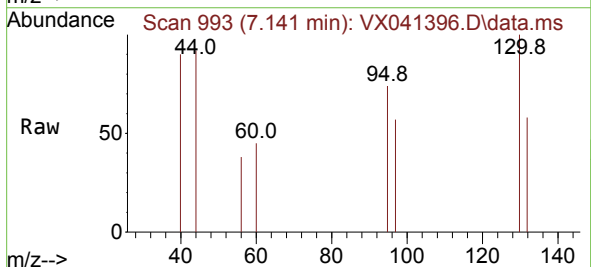


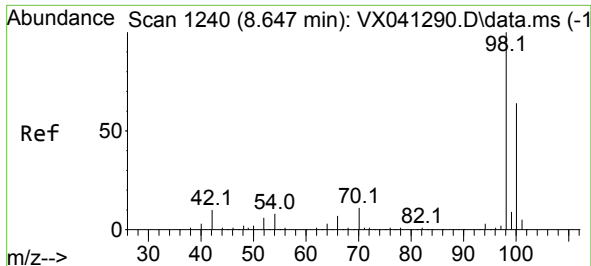
Tgt Ion:117 Resp: 15050
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.205 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Tgt Ion:130 Resp: 338
Ion Ratio Lower Upper
130 100
95 73.7 0.0 204.4

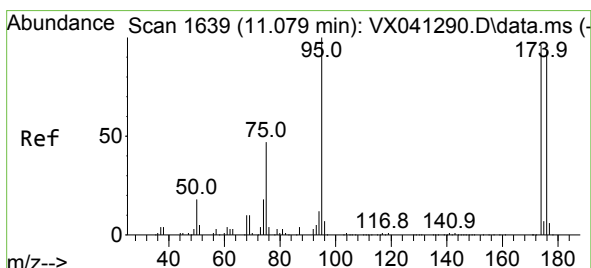
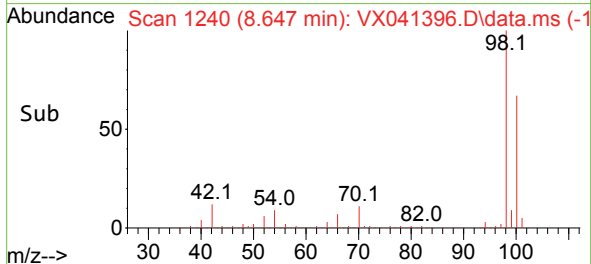
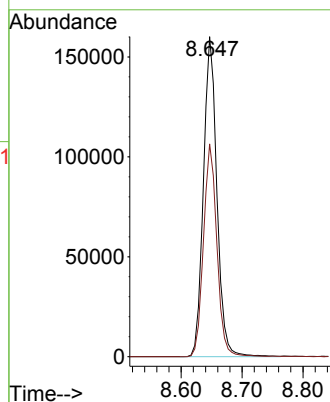
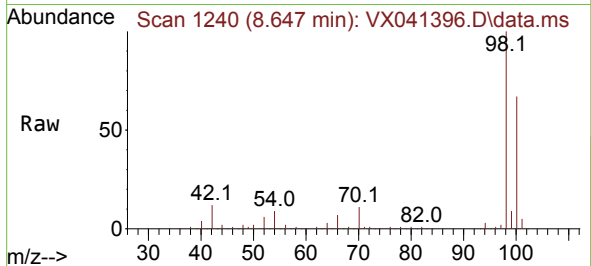




#50
Toluene-d8
Concen: 45.881 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

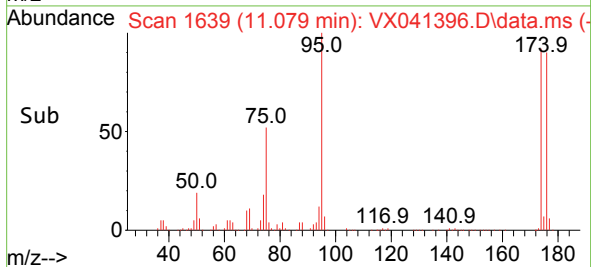
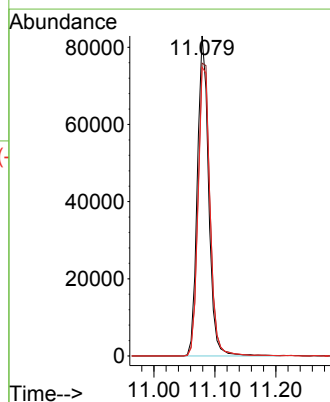
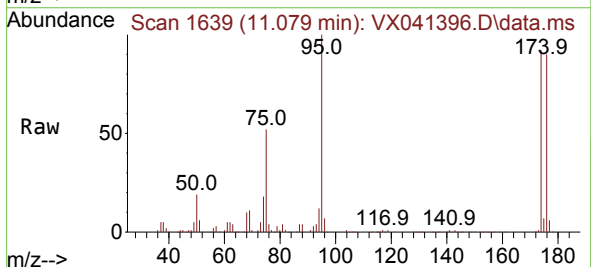
Instrument :
MSVOA_X
ClientSampleId :

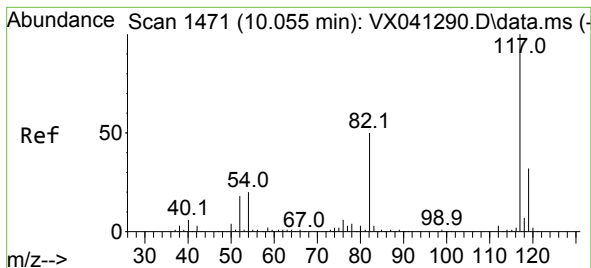
Tgt Ion: 98 Resp: 246175
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041396.D
Acq: 07 May 2024 10:12

Tgt Ion: 95 Resp: 106424
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 95.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

Instrument :

MSVOA_X

ClientSampleId :

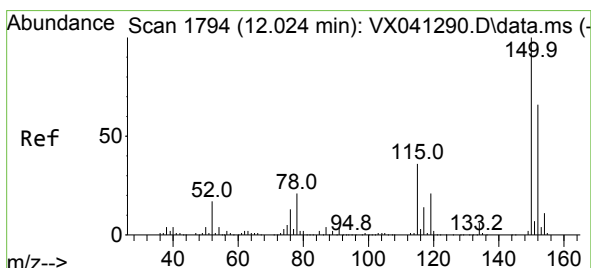
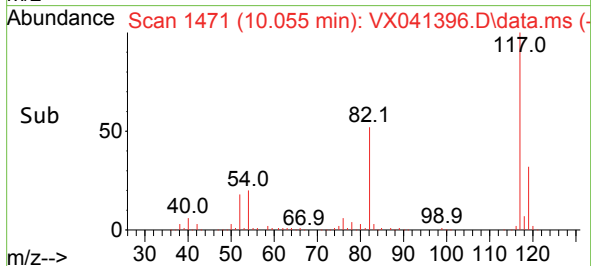
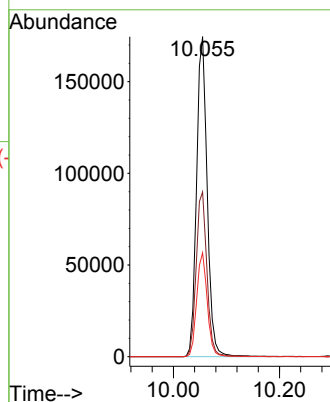
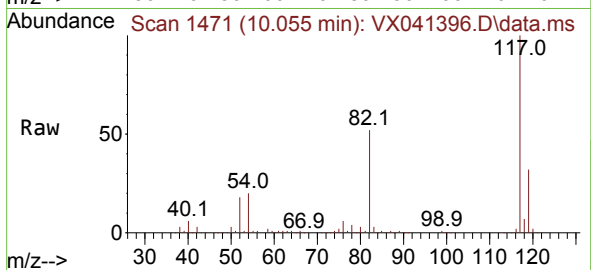
Tgt Ion:117 Resp: 242972

Ion Ratio Lower Upper

117 100

82 51.5 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

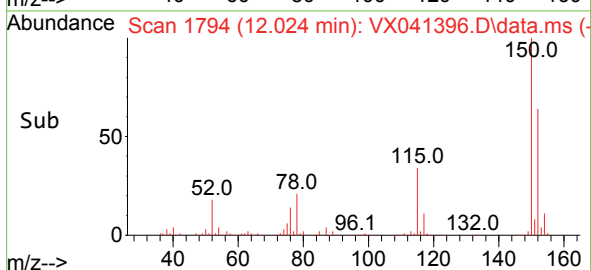
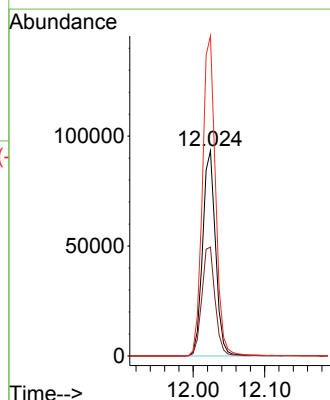
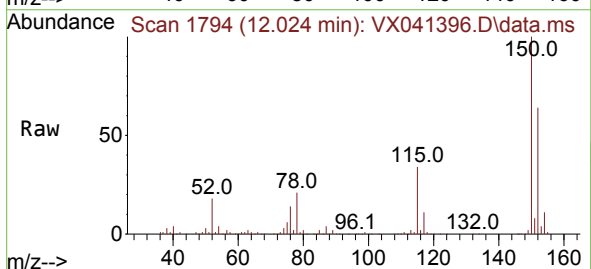
Tgt Ion:152 Resp: 117602

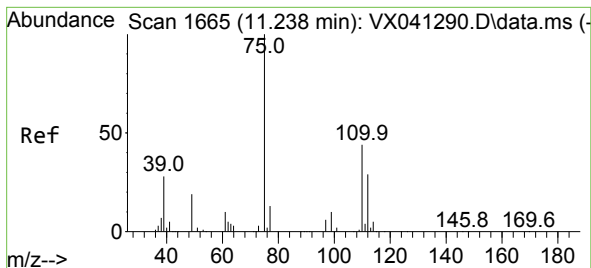
Ion Ratio Lower Upper

152 100

115 54.3 43.3 129.9

150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.109 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

Instrument :

MSVOA_X

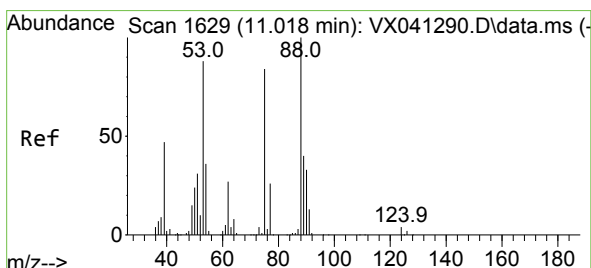
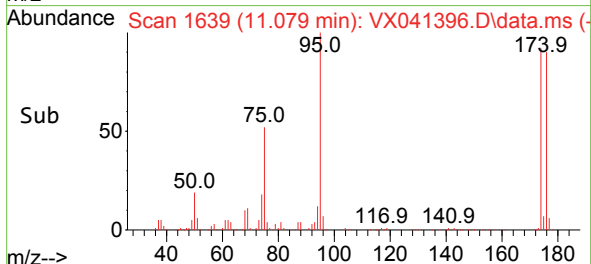
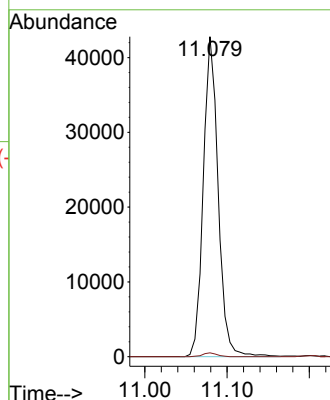
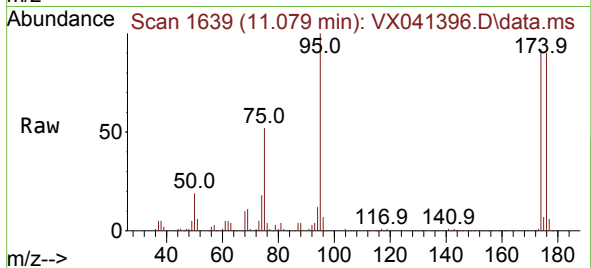
ClientSampleId :

Tgt Ion: 75 Resp: 53872

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.565 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041396.D

Acq: 07 May 2024 10:12

Tgt Ion: 75 Resp: 53872

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

