

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061124\
 Data File : VX041821.D
 Acq On : 11 Jun 2024 10:50
 Operator : JC/MD
 Sample : VX0611MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

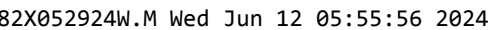
Quant Time: Jun 12 05:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	153559	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92691	49.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.440%
35) Dibromofluoromethane	5.379	113	76474	45.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.647	98	293832	49.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.079	95	113187	52.104	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.200%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	581	0.550	ug/l	88
6) Chloroethane	1.654	64	224	0.245	ug/l	# 43
11) Tert butyl alcohol	2.941	59	3040	9.125	ug/l	# 78
13) Acrolein	2.239	56	264	0.851	ug/l	# 81
15) Acrylonitrile	3.069	53	499	0.611	ug/l	# 58
16) Acetone	2.386	43	4472	2.719	ug/l	93
17) Carbon Disulfide	2.502	76	1295	0.428	ug/l	# 76
18) Methyl Acetate	2.703	43	545	0.303	ug/l	# 87
20) Methylene Chloride	2.782	84	1151	0.683	ug/l	# 80
21) trans-1,2-Dichloroethene	3.087	96	363	0.256	ug/l	# 64
31) Cyclohexane	5.544	56	2753	1.238	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10199	5.000	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	13880	5.990	ug/l	# 15
49) 1,4-Dioxane	7.708	88	58	1.422	ug/l	# 12
76) 1,2,3-Trichloropropane	11.079	75	57305	25.563	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	57305	69.670	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	767	0.272	ug/l	95
95) Naphthalene	13.780	128	3107	0.373	ug/l	# 94
96) 1,2,3-Trichlorobenzene	13.963	180	916	0.316	ug/l	91

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

Quant Time: Jun 12 05:55:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

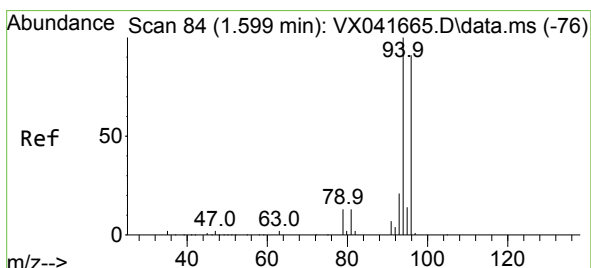
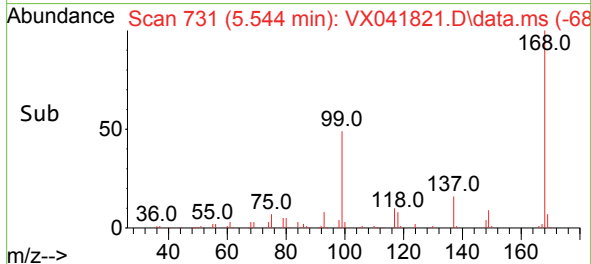
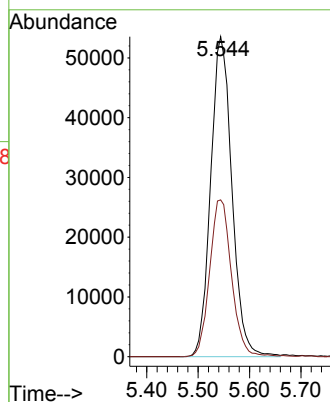
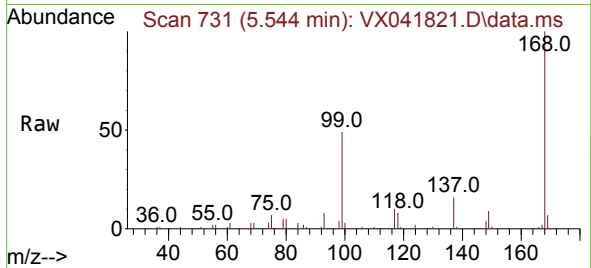




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

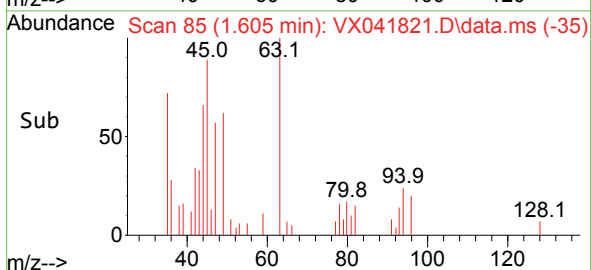
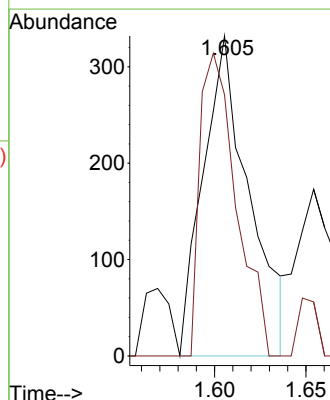
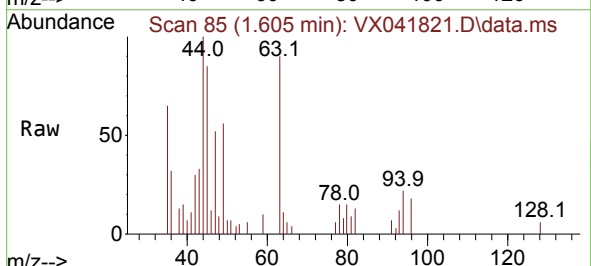
Instrument :
MSVOA_X
ClientSampleId :

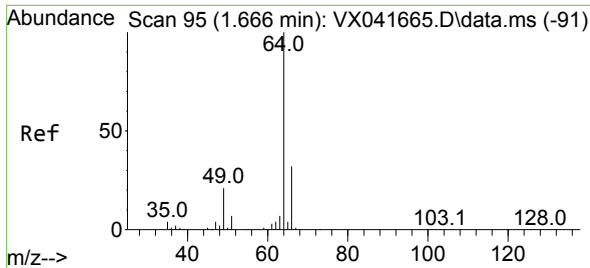
Tgt Ion:168 Resp: 153559
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#5
Bromomethane
Concen: 0.550 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 81.6 74.6 111.8

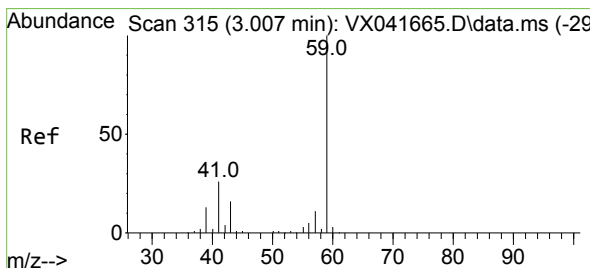
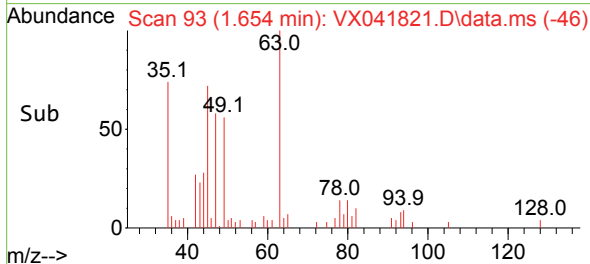
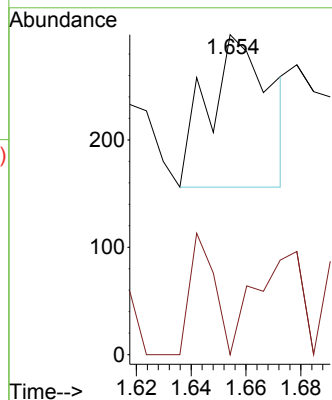
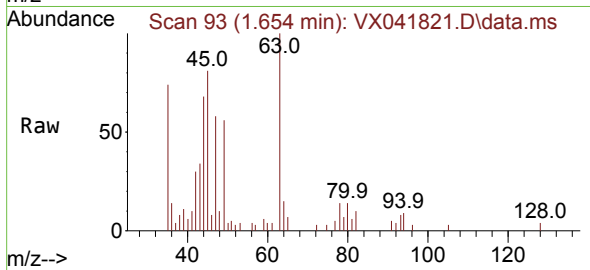




#6
Chloroethane
Concen: 0.245 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

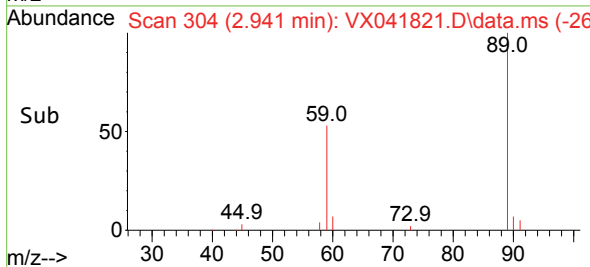
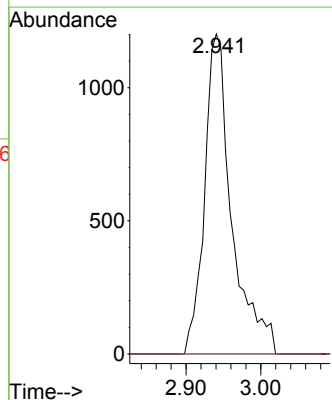
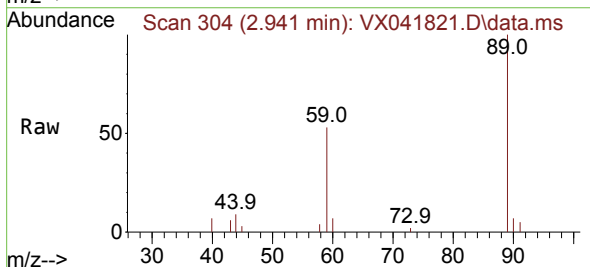
Instrument :
MSVOA_X
ClientSampleId :

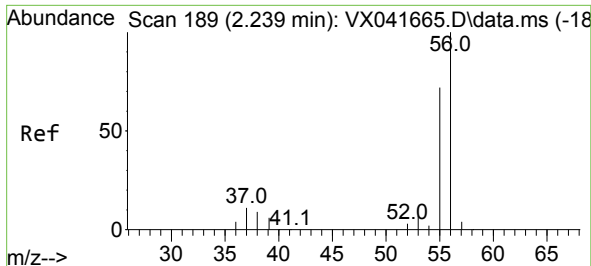
Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 9.125 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion: 59 Resp: 3040
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.851 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

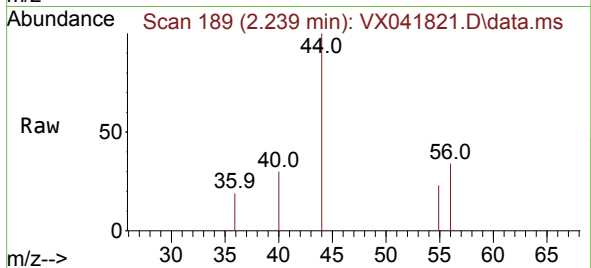
Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

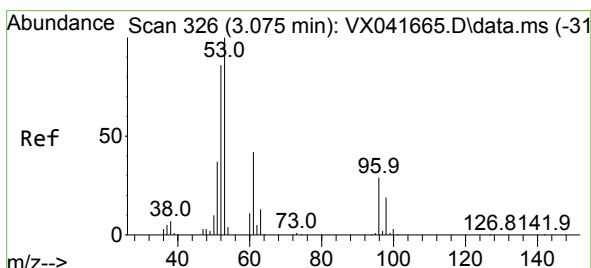
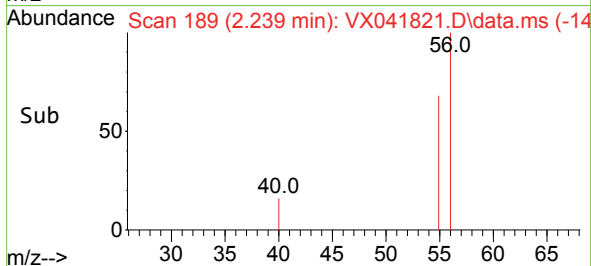
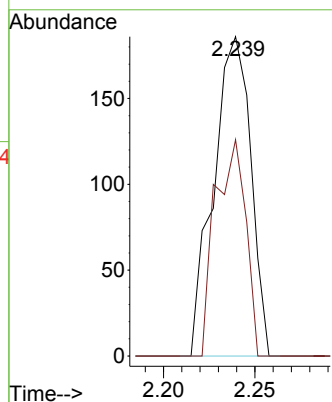


Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 55.3 57.1 85.7#



#15

Acrylonitrile

Concen: 0.611 ug/l

RT: 3.069 min Scan# 325

Delta R.T. -0.006 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

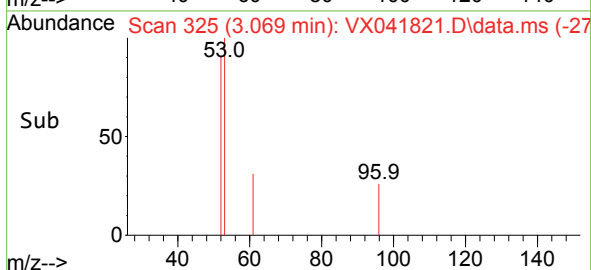
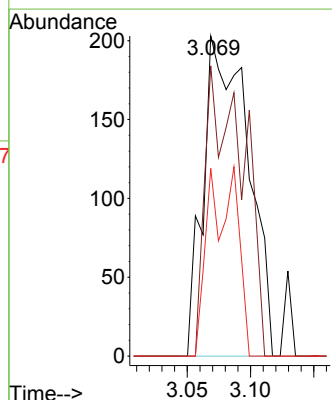
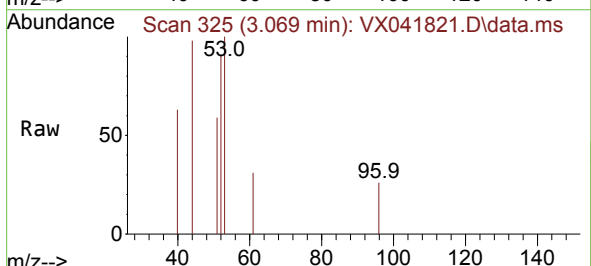
Tgt Ion: 53 Resp: 499

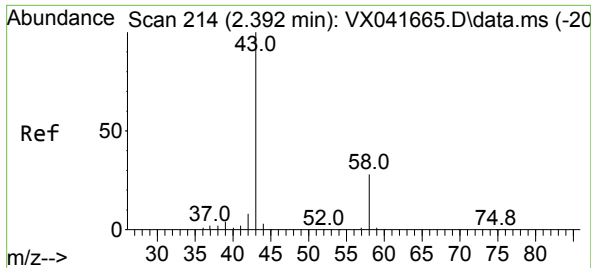
Ion Ratio Lower Upper

53 100

52 40.3 66.0 99.0#

51 18.0 29.8 44.6#





#16

Acetone

Concen: 2.719 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

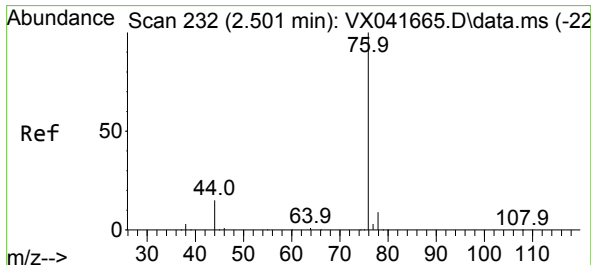
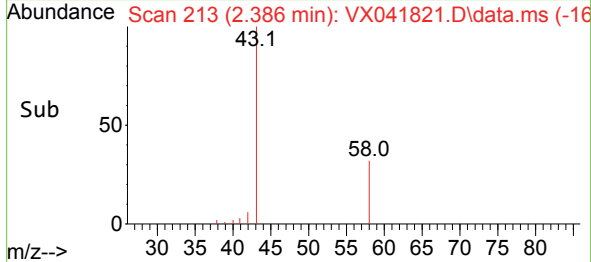
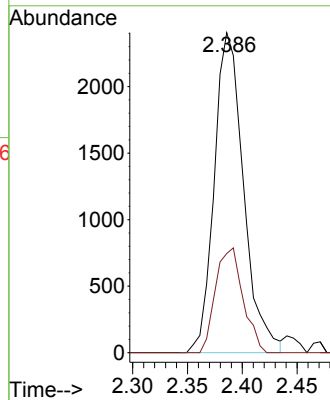
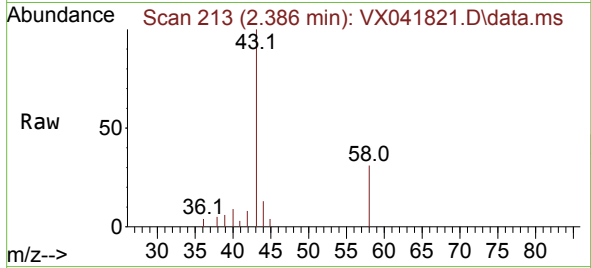
ClientSampleId :

Tgt Ion: 43 Resp: 4472

Ion Ratio Lower Upper

43 100

58 31.0 21.9 32.9



#17

Carbon Disulfide

Concen: 0.428 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041821.D

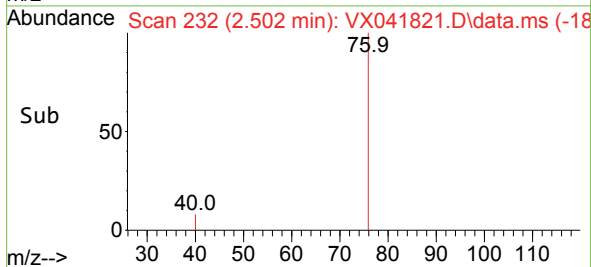
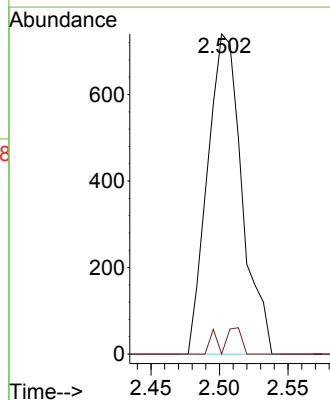
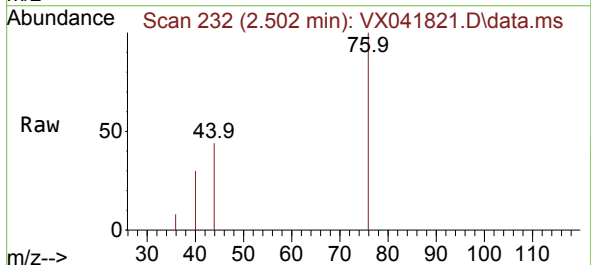
Acq: 11 Jun 2024 10:50

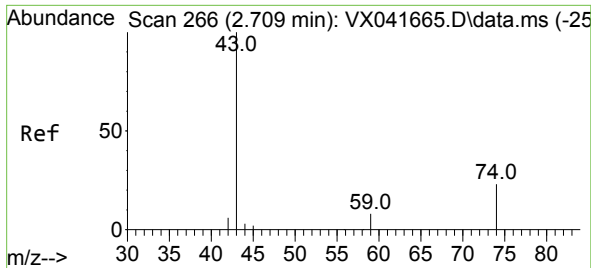
Tgt Ion: 76 Resp: 1295

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

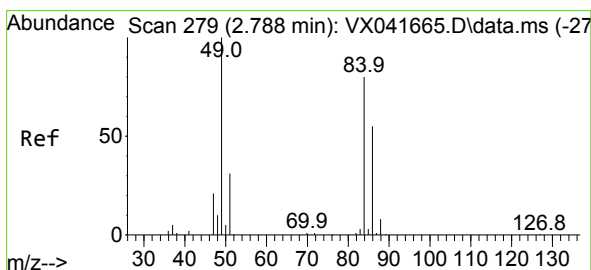
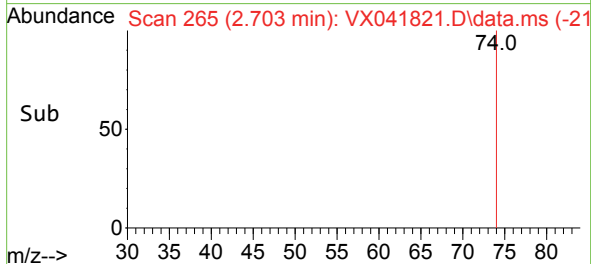
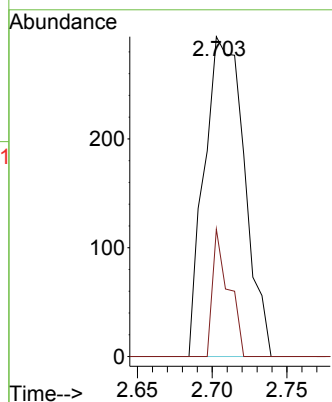
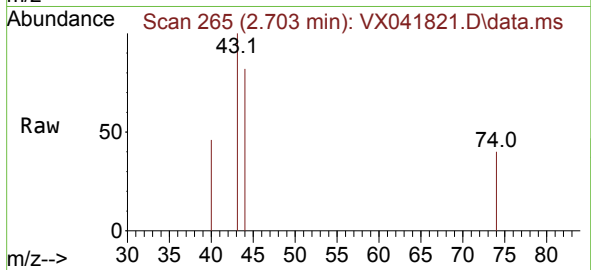




#18
Methyl Acetate
Concen: 0.303 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

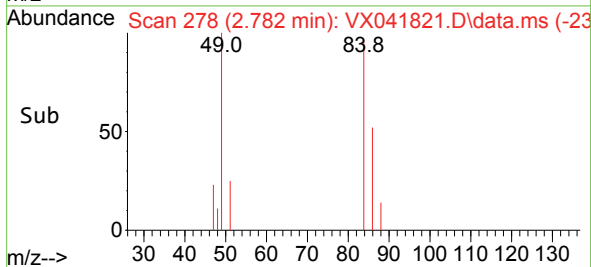
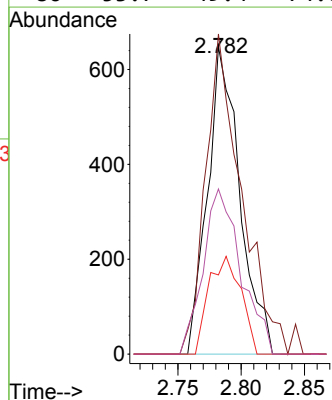
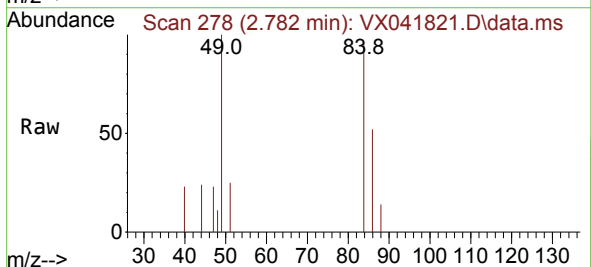
Instrument :
MSVOA_X
ClientSampleId :

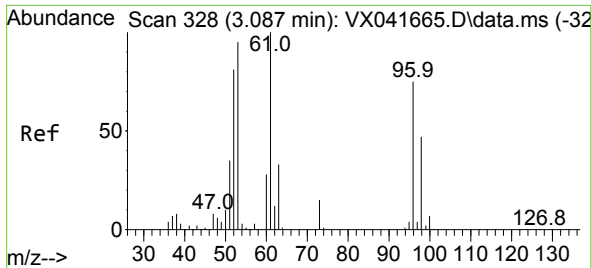
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
74 16.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

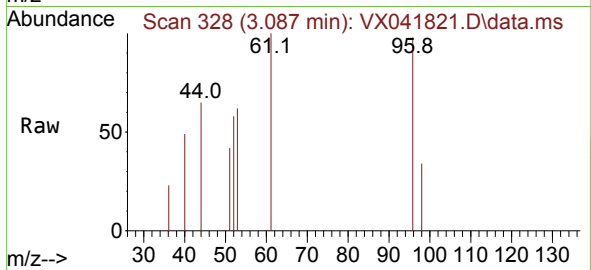
Tgt Ion: 84 Resp: 1151
Ion Ratio Lower Upper
84 100
49 104.2 103.6 155.4
51 25.8 33.8 50.6#
86 53.7 49.4 74.0



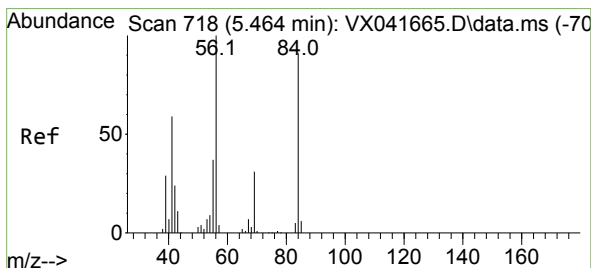
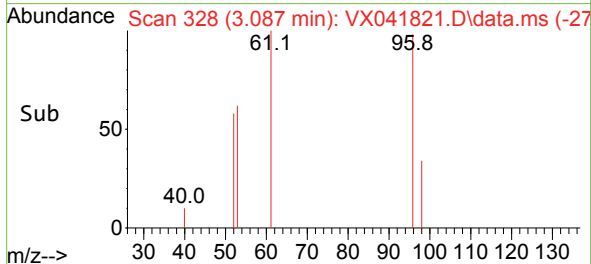
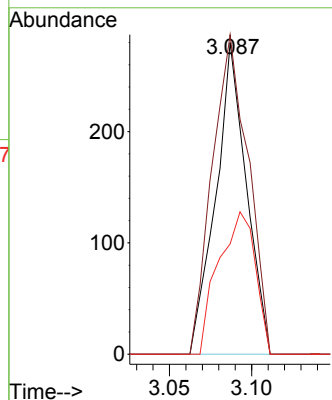


#21
trans-1,2-Dichloroethene
Concen: 0.256 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

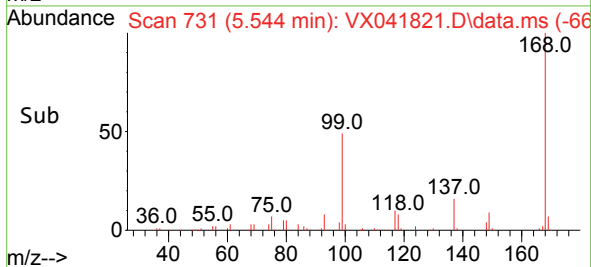
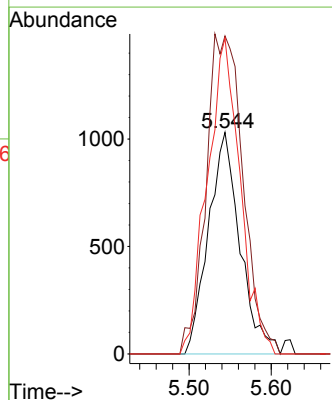
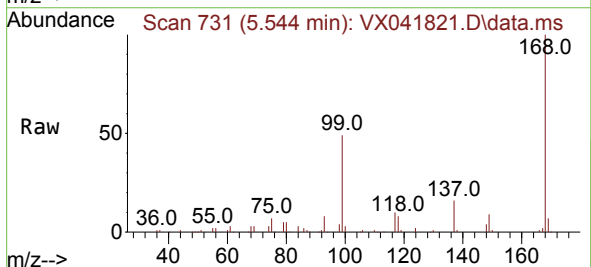


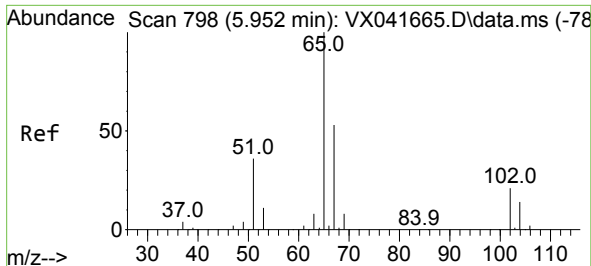
Tgt Ion: 96 Resp: 363
Ion Ratio Lower Upper
96 100
61 102.5 119.2 178.8#
98 35.4 48.7 73.1#



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion: 56 Resp: 2753
Ion Ratio Lower Upper
56 100
69 143.5 23.4 35.2#
84 142.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.216 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

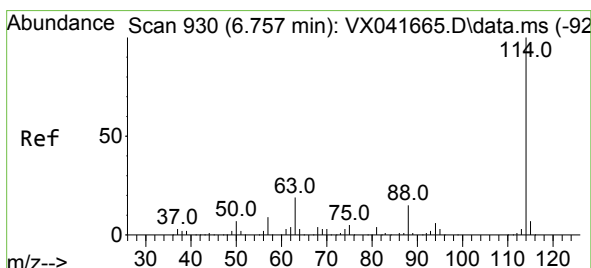
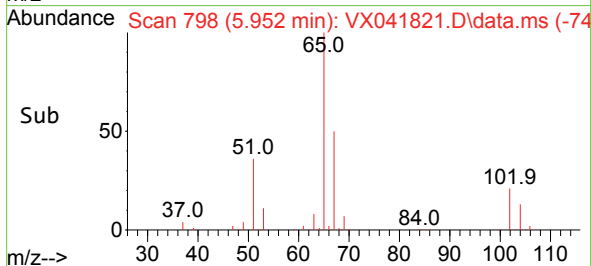
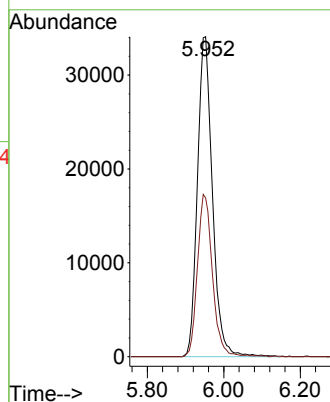
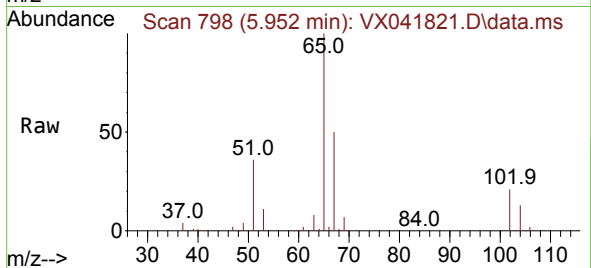
ClientSampleId :

Tgt Ion: 65 Resp: 92691

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

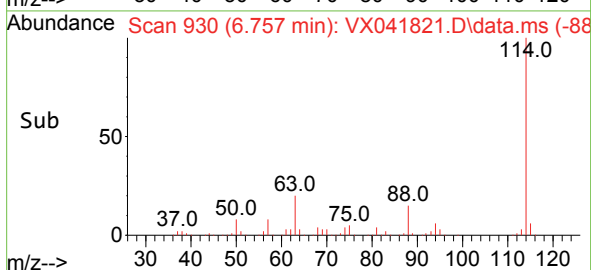
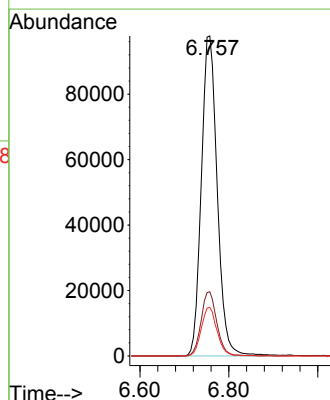
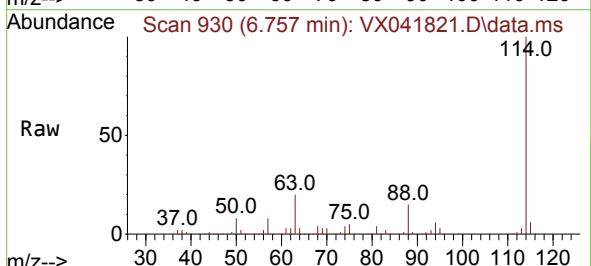
Tgt Ion: 114 Resp: 243634

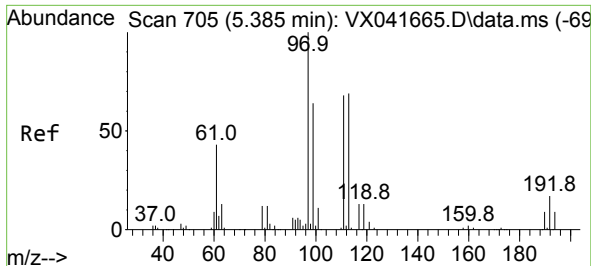
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

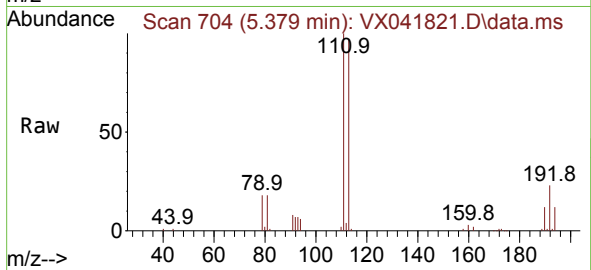
88 15.2 0.0 36.6



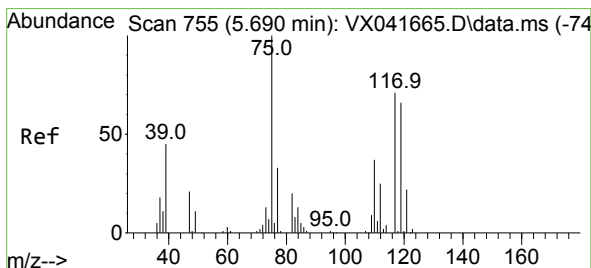
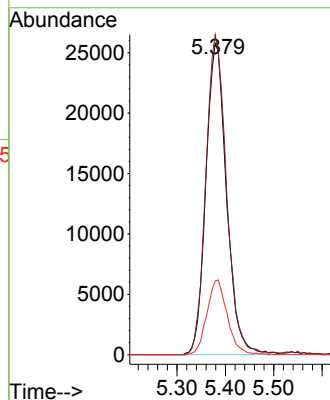
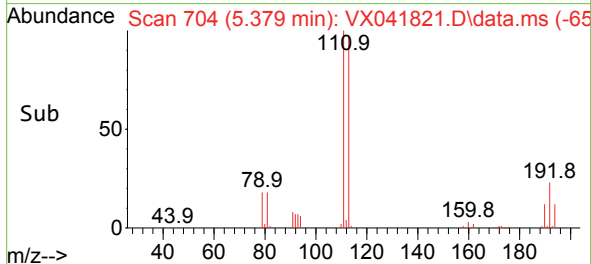


#35
Dibromofluoromethane
Concen: 45.399 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

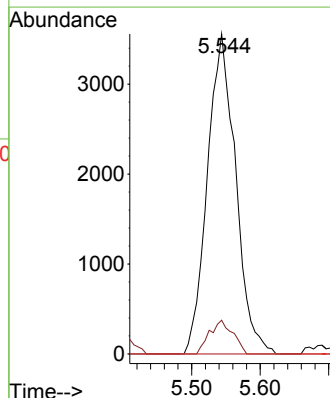
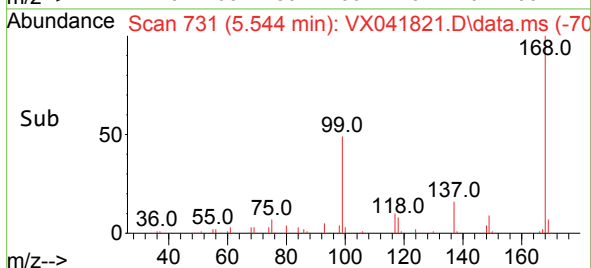
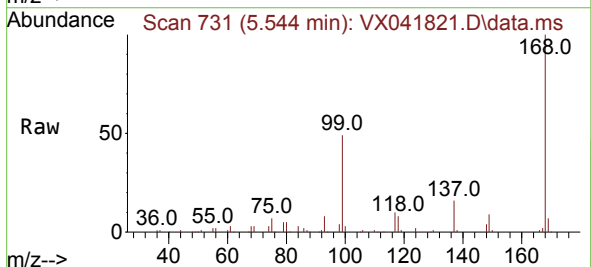


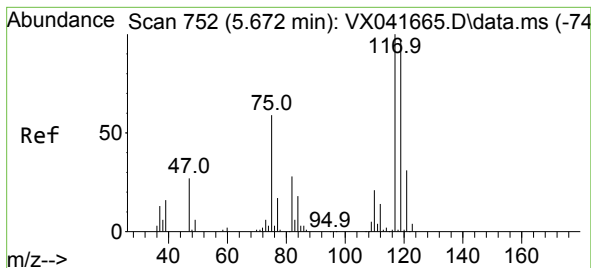
Tgt Ion:113 Resp: 76474
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 23.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion: 75 Resp: 10199
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.990 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

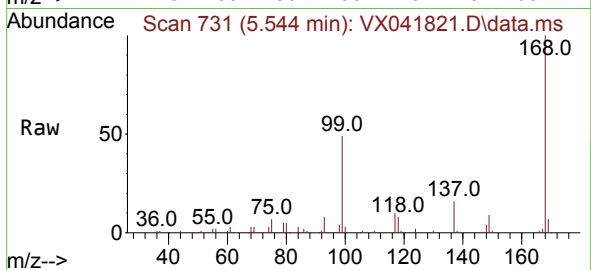
Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :



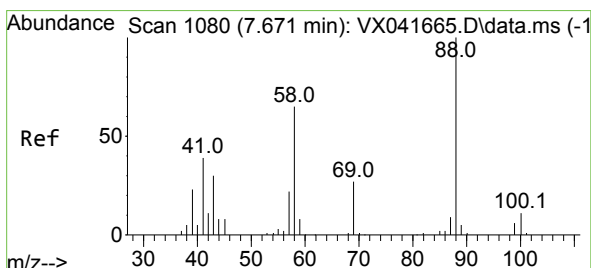
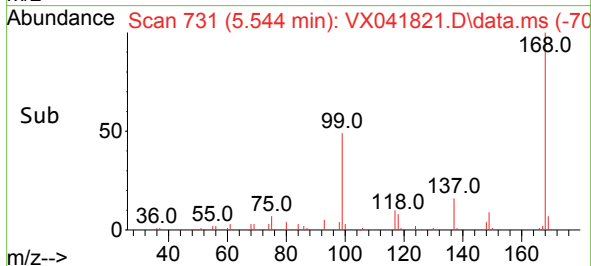
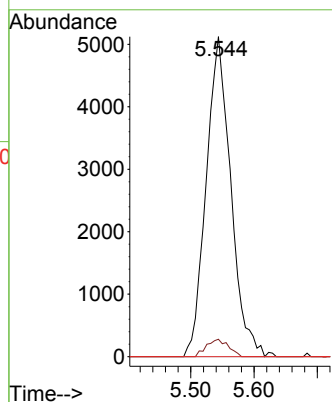
Tgt Ion:117 Resp: 13880

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: 1.422 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

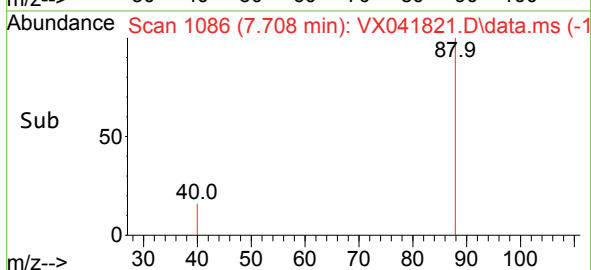
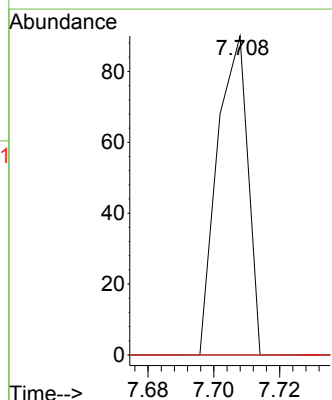
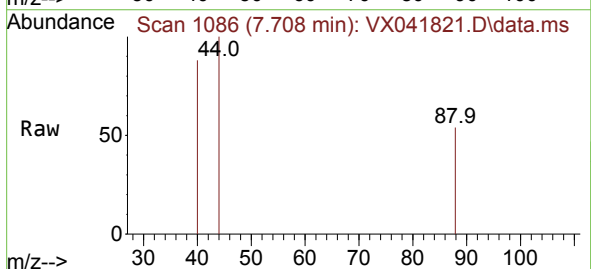
Tgt Ion: 88 Resp: 58

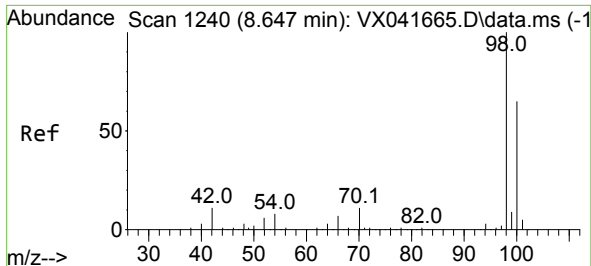
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#

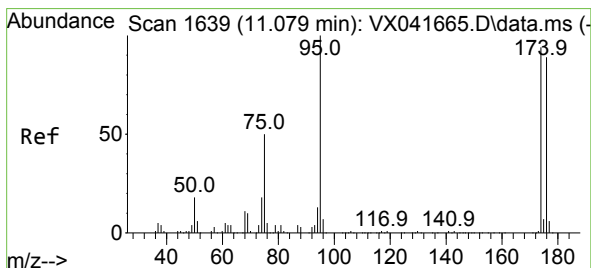
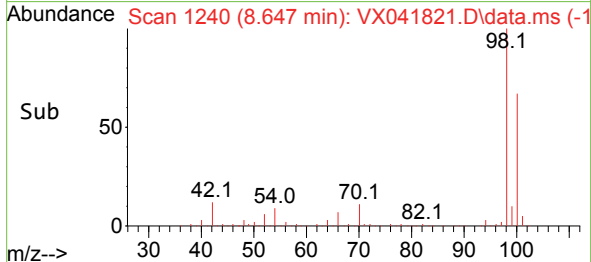
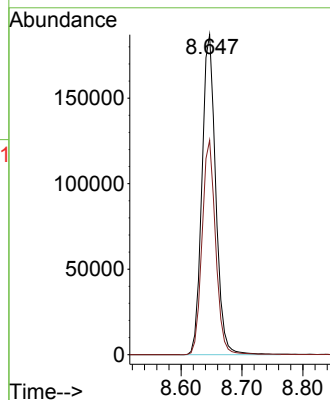
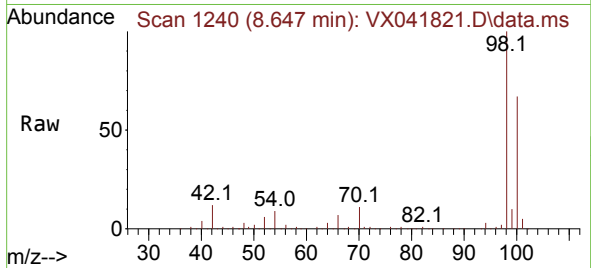




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

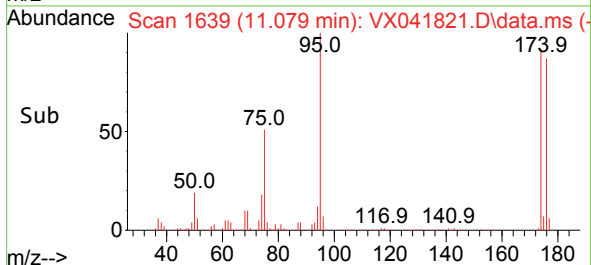
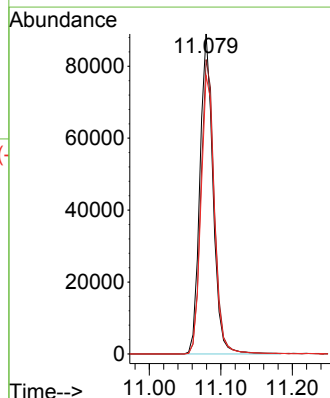
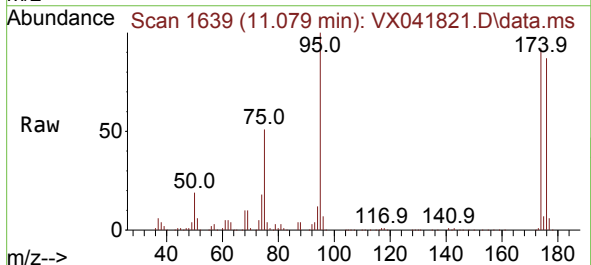
Instrument :
MSVOA_X
ClientSampleId :

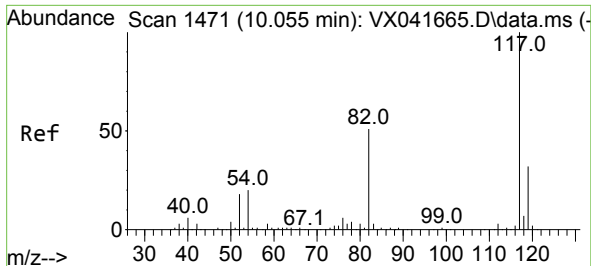
Tgt Ion: 98 Resp: 293832
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion: 95 Resp: 113187
Ion Ratio Lower Upper
95 100
174 95.1 0.0 135.6
176 89.9 0.0 131.0

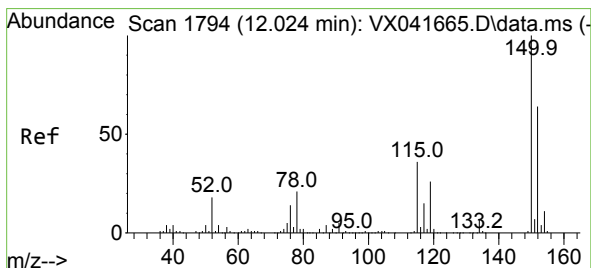
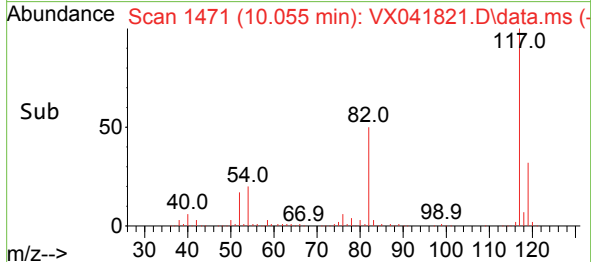
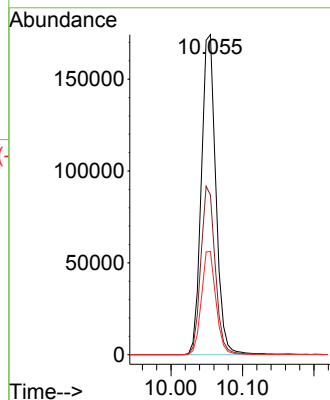
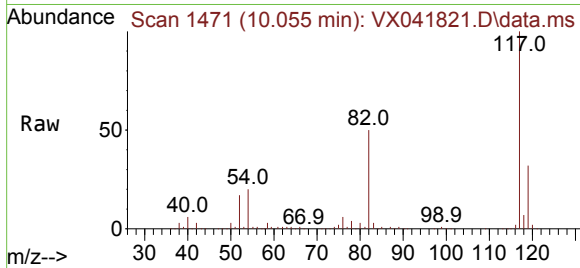




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

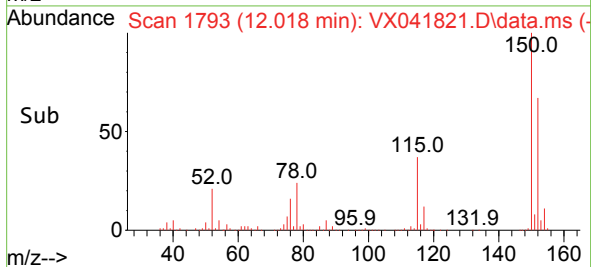
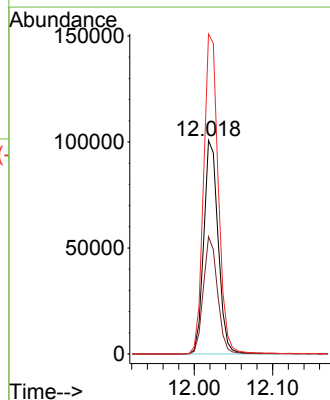
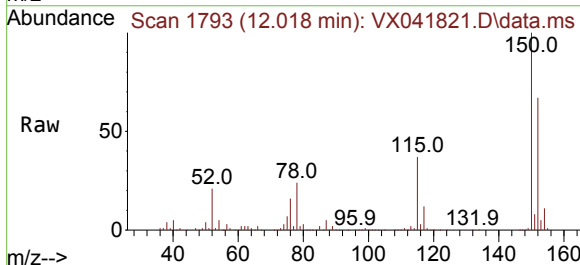
Instrument :
MSVOA_X
ClientSampleId :

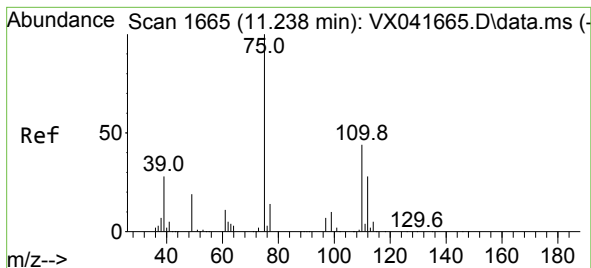
Tgt Ion:117 Resp: 245785
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041821.D
Acq: 11 Jun 2024 10:50

Tgt Ion:152 Resp: 128483
Ion Ratio Lower Upper
152 100
115 54.1 43.3 129.9
150 153.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.563 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

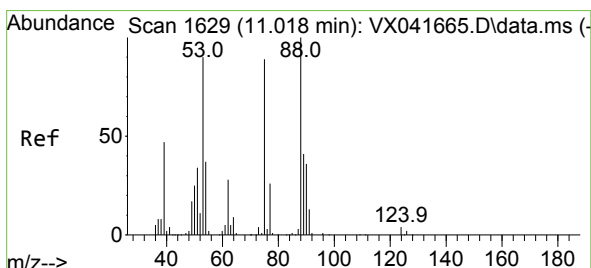
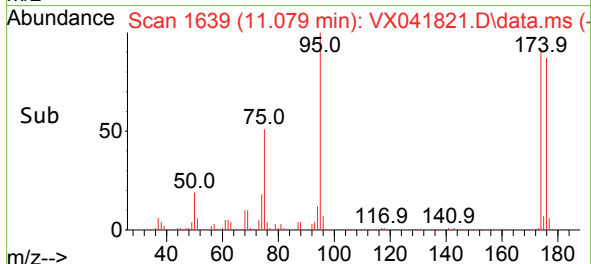
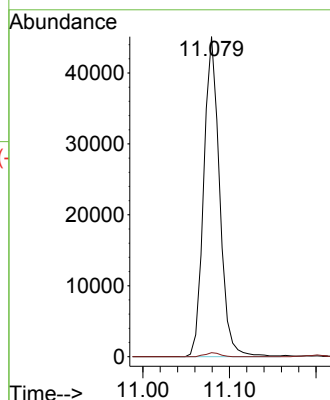
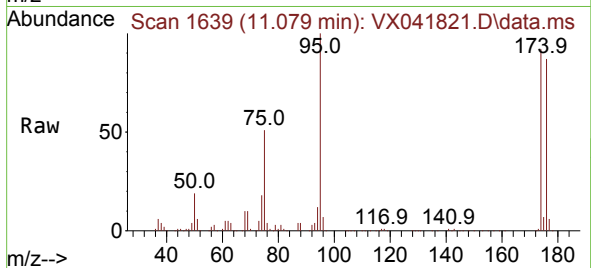
ClientSampleId :

Tgt Ion: 75 Resp: 57305

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.670 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

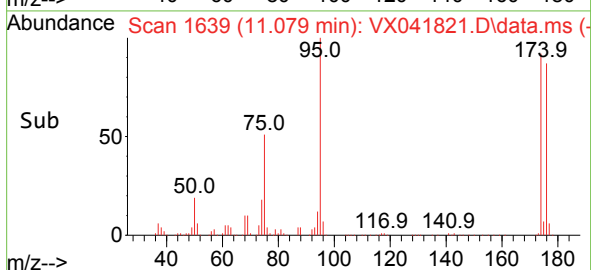
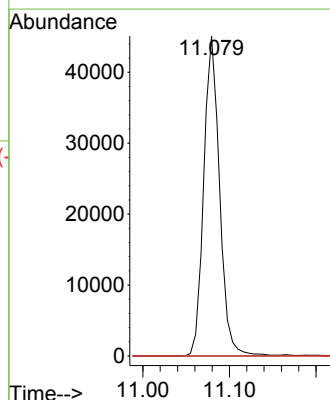
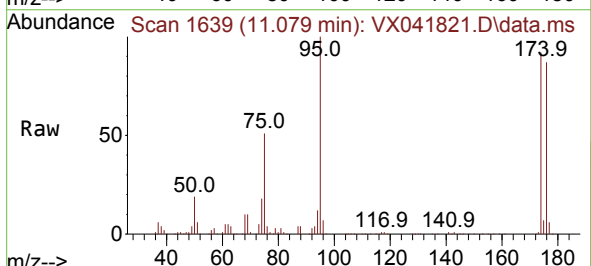
Tgt Ion: 75 Resp: 57305

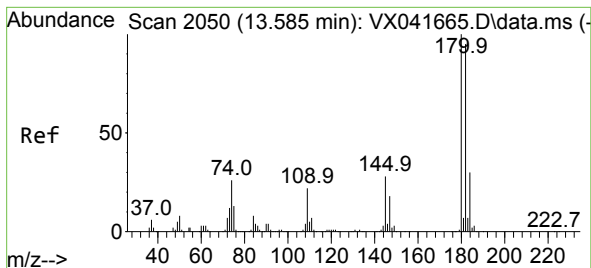
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

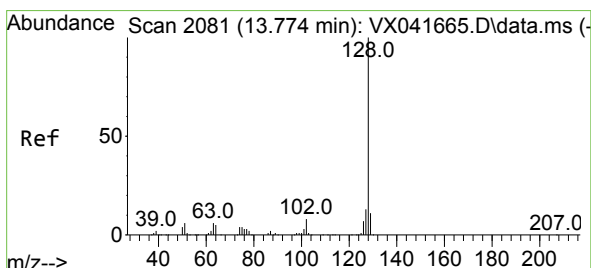
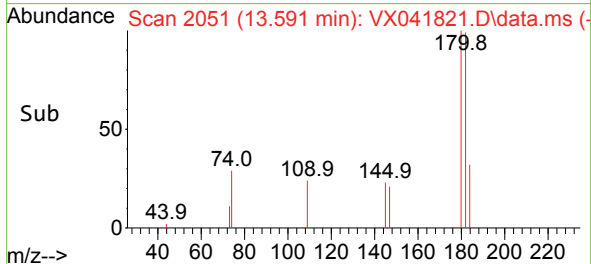
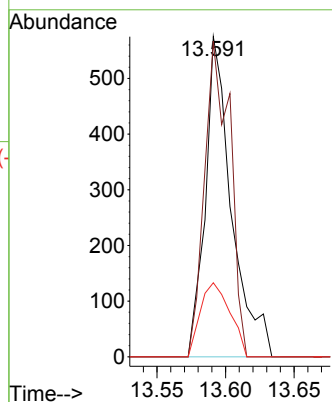
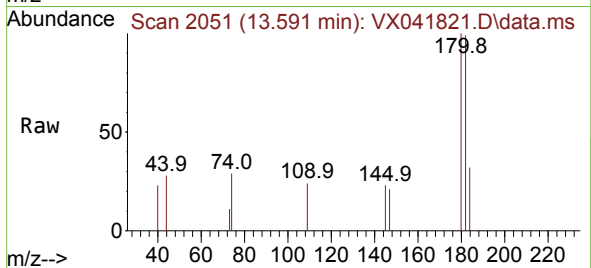
Tgt Ion:180 Resp: 767

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

145 26.1 18.0 54.0



#95

Naphthalene

Concen: 0.373 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX041821.D

Acq: 11 Jun 2024 10:50

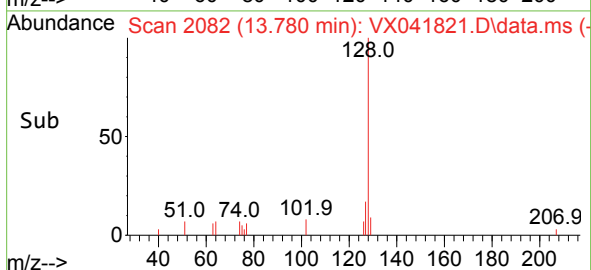
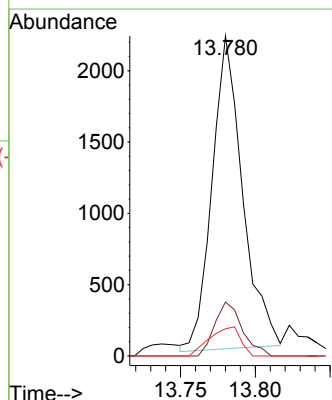
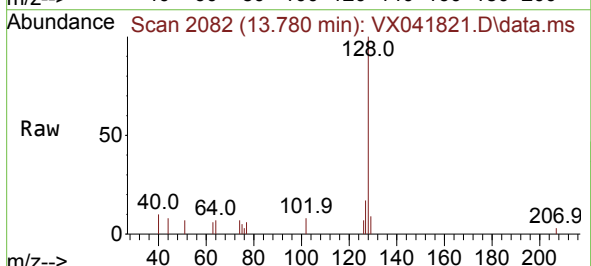
Tgt Ion:128 Resp: 3107

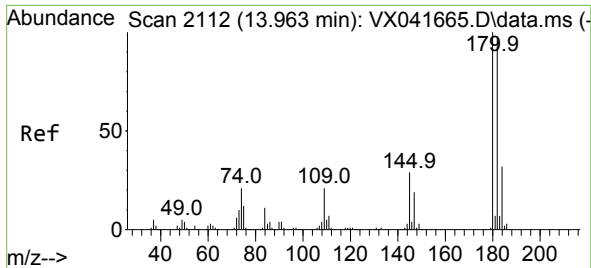
Ion Ratio Lower Upper

128 100

127 15.6 10.3 15.5#

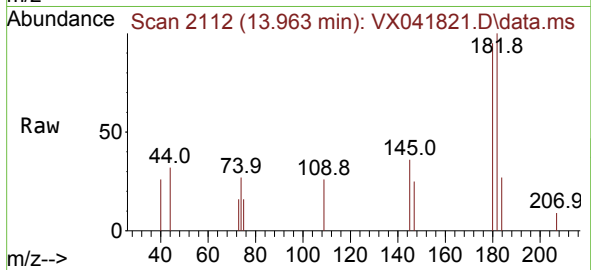
129 9.4 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.316 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX041821.D
 Acq: 11 Jun 2024 10:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	916
Ion	Ratio	Lower	Upper
180	100		
182	100.8	46.9	140.6
145	27.8	17.8	53.5

