

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042027.D
 Acq On : 25 Jun 2024 13:12
 Operator : JC/MD
 Sample : P3045-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 8AB

Quant Time: Jun 26 05:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	137425	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	213774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70204	44.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.600%
35) Dibromofluoromethane	5.385	113	65999	43.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.020%
50) Toluene-d8	8.646	98	259439	48.687	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	102178	52.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.040%

Target Compounds			Qvalue			
5) Bromomethane	1.617	94	281	0.432	ug/l	# 3
6) Chloroethane	1.654	64	80	Below Cal	#	43
11) Tert butyl alcohol	3.001	59	1490	4.954	ug/l	# 83
13) Acrolein	2.239	56	341	1.012	ug/l	88
14) Allyl chloride	2.660	41	687	0.365	ug/l	# 37
16) Acetone	2.392	43	43223	62.117	ug/l	# 87
17) Carbon Disulfide	2.501	76	980	0.405	ug/l	98
18) Methyl Acetate	2.715	43	2100	1.106	ug/l	93
20) Methylene Chloride	2.782	84	9971	6.544	ug/l	# 89
25) 2-Butanone	4.586	43	7072	6.533	ug/l	93
29) Tetrahydrofuran	5.043	42	412	0.589	ug/l	# 72
36) 1,1-Dichloropropene	5.549	75	8228	5.108	ug/l	# 50
37) Ethyl Acetate	4.739	43	2362	1.126	ug/l	# 90
38) Carbon Tetrachloride	5.549	117	11452	6.435	ug/l	# 17
40) Benzene	6.037	78	77936	14.346	ug/l	98
42) 1,2-Dichloroethane	6.049	62	651	0.372	ug/l	# 77
43) Isopropyl Acetate	6.348	43	105894	32.879	ug/l	95
48) Methyl methacrylate	7.799	41	93555	60.866	ug/l	# 45
49) 1,4-Dioxane	7.799	88	167	23.956	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	77453	34.912	ug/l	# 48
52) Toluene	8.720	92	97360	28.144	ug/l	99
53) t-1,3-Dichloropropene	8.957	75	731	1.281	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	37998	19.423	ug/l	# 52
55) 1,1,2-Trichloroethane	9.018	97	507	0.352	ug/l	# 17
57) 1,3-Dichloropropane	9.482	76	5211	2.238	ug/l	# 42
59) 2-Hexanone	9.482	43	65244	38.397	ug/l	# 56
67) Ethyl Benzene	10.195	91	30399	4.193	ug/l	96
68) m/p-Xylenes	10.299	106	81218	27.752	ug/l	92
69) o-Xylene	10.640	106	78190	26.986	ug/l	95
70) Styrene	10.658	104	22579	4.647	ug/l	# 62
73) Isopropylbenzene	10.963	105	2764	0.375	ug/l	99
74) N-ethyl acetate	10.859	43	1002	0.306	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	47199	21.466	ug/l	# 39
78) n-propylbenzene	11.305	91	4528	0.567	ug/l	99
79) 2-Chlorotoluene	11.615	91	1956	0.380	ug/l	77
80) 1,3,5-Trimethylbenzene	11.451	105	41866	6.825	ug/l	95

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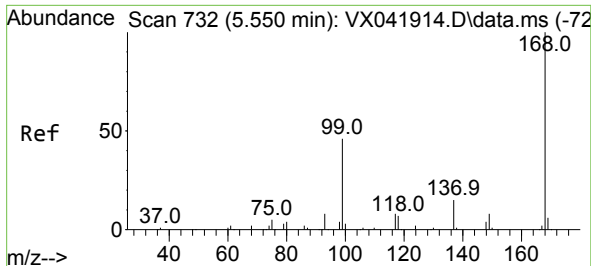
Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jun 26 05:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
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 Response via : Initial Calibration

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

81) trans-1,4-Dichloro-2-b...	11.079	75	47199	60.963	ug/l #	5
82) 4-Chlorotoluene	11.615	91	2039	0.358	ug/l	95
83) tert-Butylbenzene	11.750	119	11994	1.782	ug/l #	70
84) 1,2,4-Trimethylbenzene	11.750	105	110999	18.037	ug/l	98
85) sec-Butylbenzene	11.750	105	110999	14.581	ug/l #	57
89) n-Butylbenzene	12.329	91	1619	0.316	ug/l #	16
90) Hexachloroethane	12.548	117	1290	1.139	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	998	1.839	ug/l #	9
95) Naphthalene	13.780	128	6576257	746.748	ug/l	94

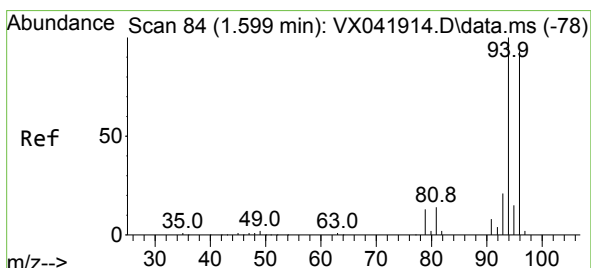
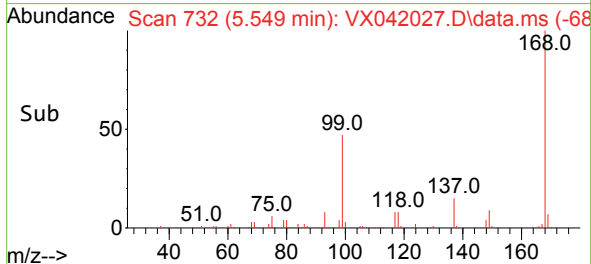
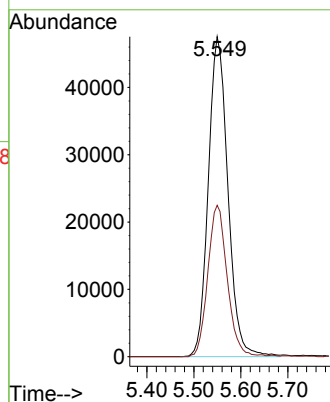
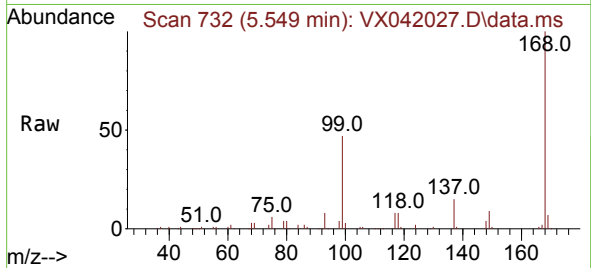
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

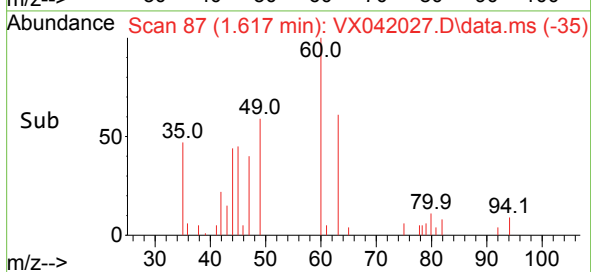
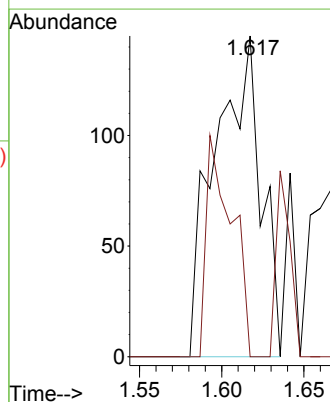
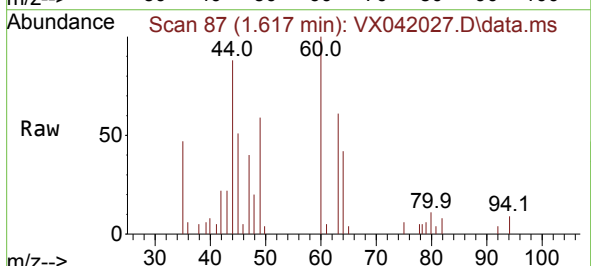
Instrument :
MSVOA_X
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8AB

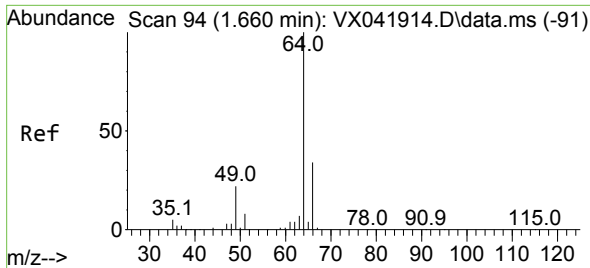
Tgt Ion:168 Resp: 137425
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

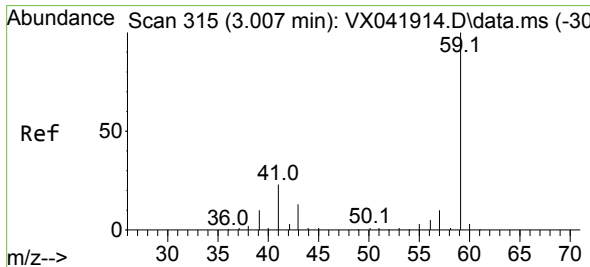
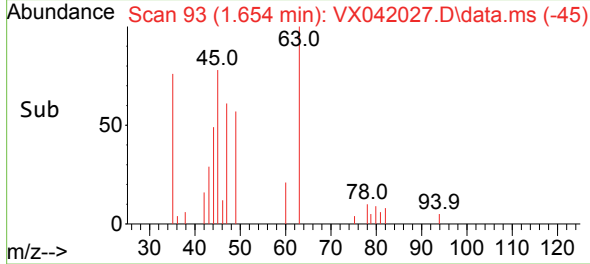
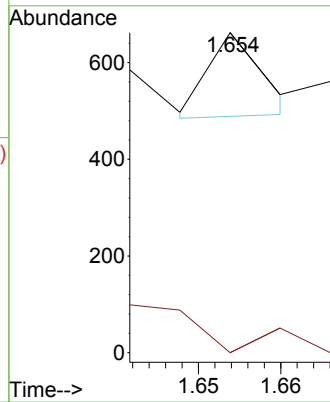
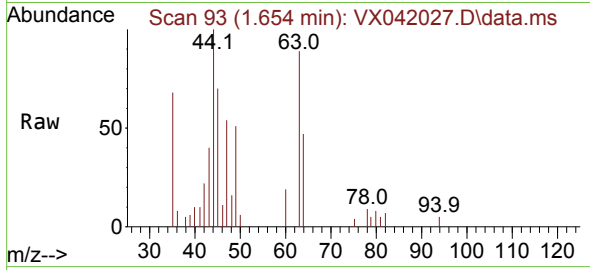




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

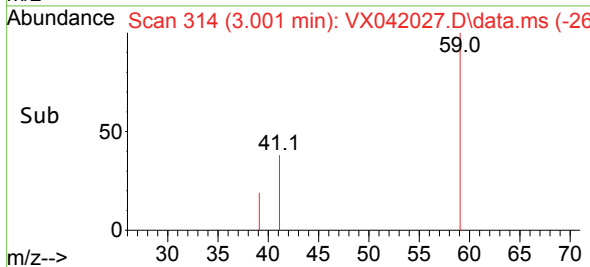
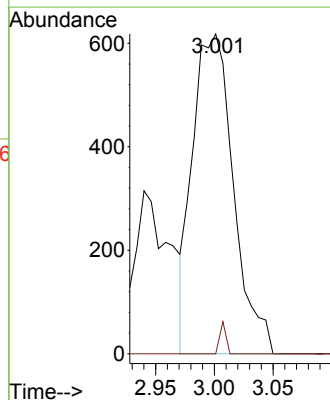
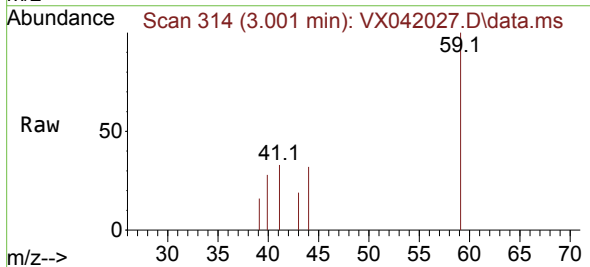
Instrument :
MSVOA_X
ClientSampleId :
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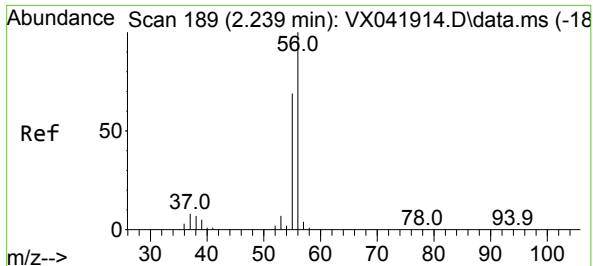
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 4.954 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 59 Resp: 1490
Ion Ratio Lower Upper
59 100
57 1.5 6.0 9.0#

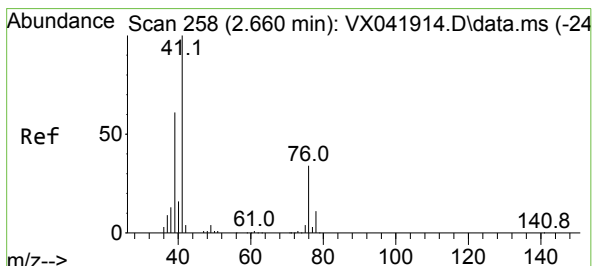
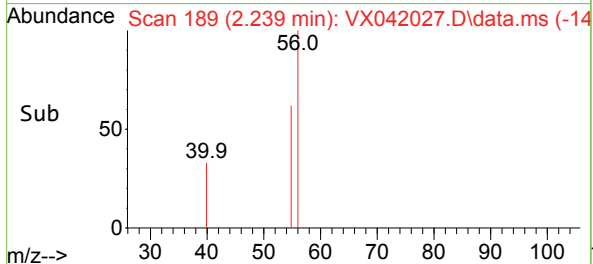
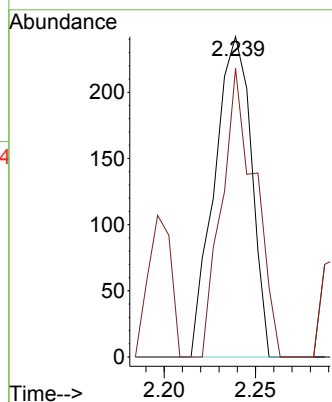
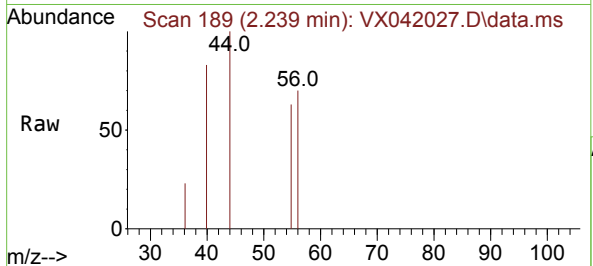




#13
Acrolein
Concen: 1.012 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

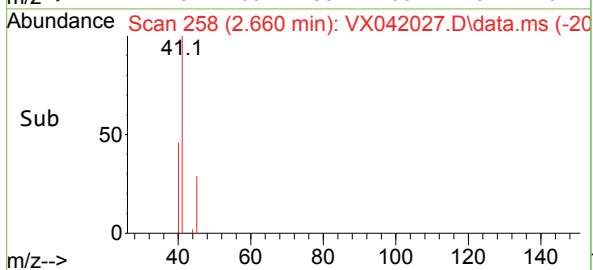
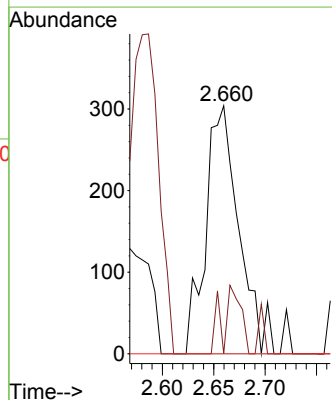
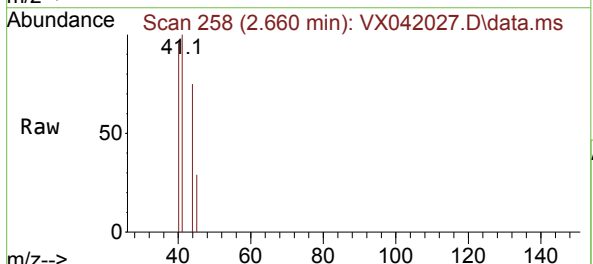
Instrument :
MSVOA_X
ClientSampleId :
8AB

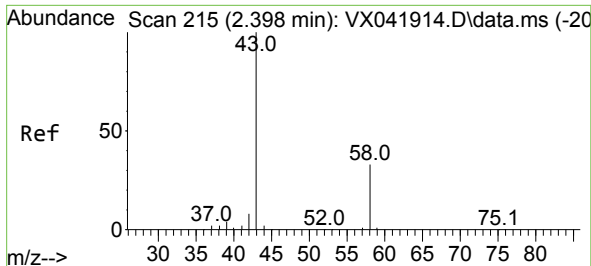
Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 81.2 57.1 85.7



#14
Allyl chloride
Concen: 0.365 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 41 Resp: 687
Ion Ratio Lower Upper
41 100
39 15.0 55.8 83.6#
76 0.0 24.3 36.5#

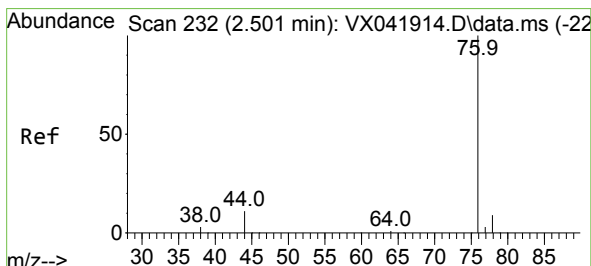
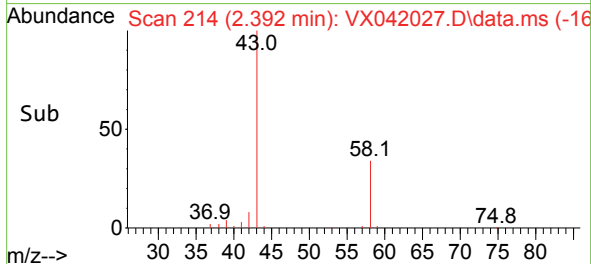
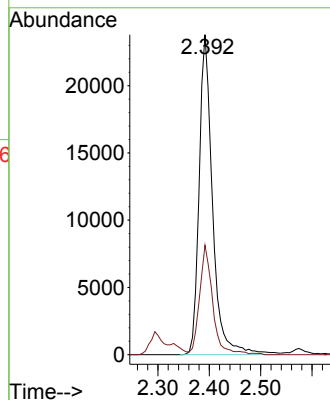
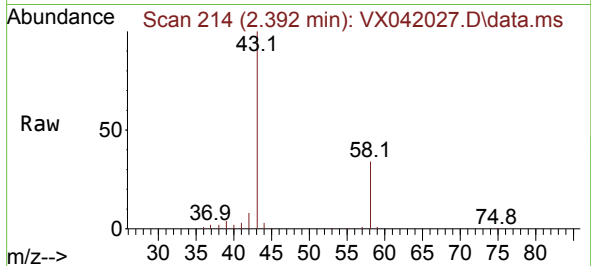




#16
Acetone
Concen: 62.117 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

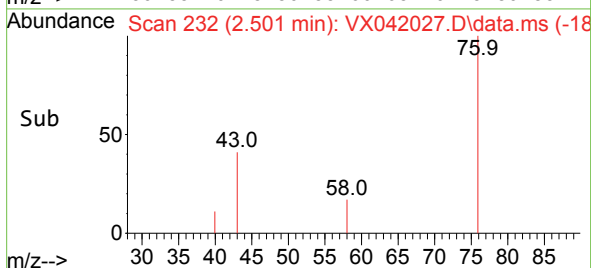
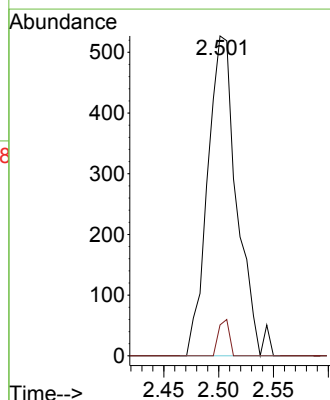
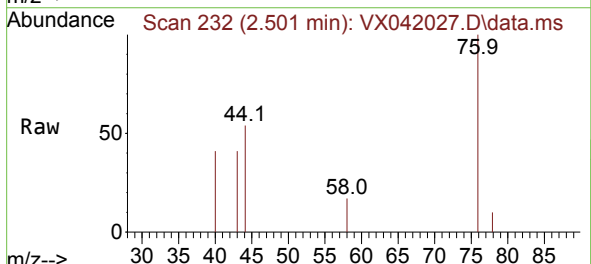
Instrument :
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ClientSampleId :
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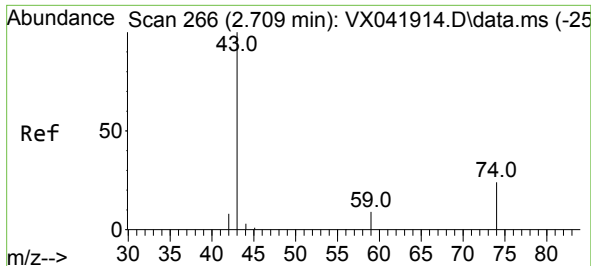
Tgt Ion: 43 Resp: 43223
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 76 Resp: 980
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6





#18

Methyl Acetate

Concen: 1.106 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

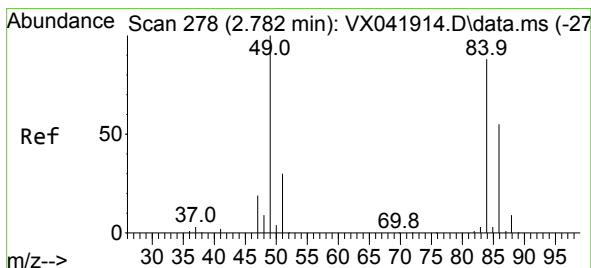
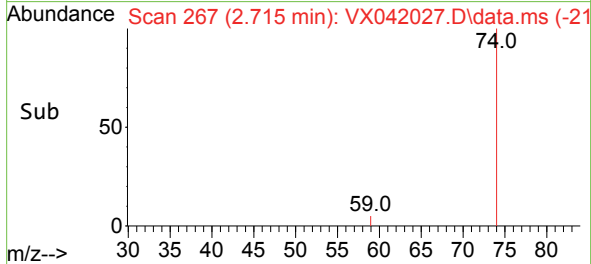
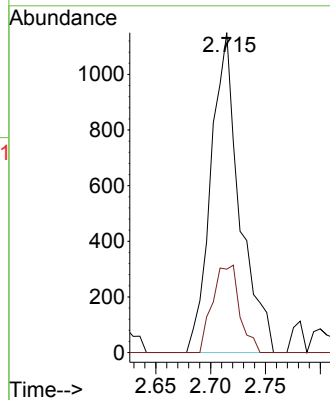
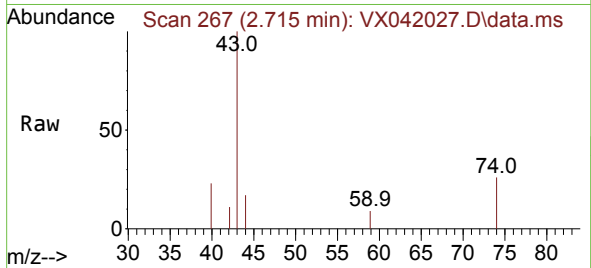
8AB

Tgt Ion: 43 Resp: 2100

Ion Ratio Lower Upper

43 100

74 25.6 17.8 26.8



#20

Methylene Chloride

Concen: 6.544 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Tgt Ion: 84 Resp: 9971

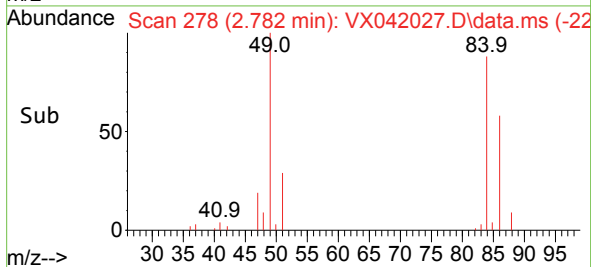
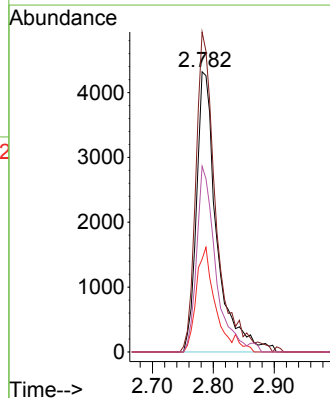
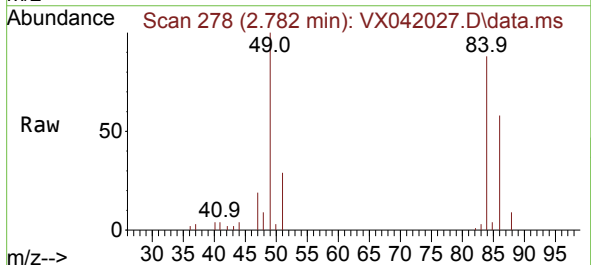
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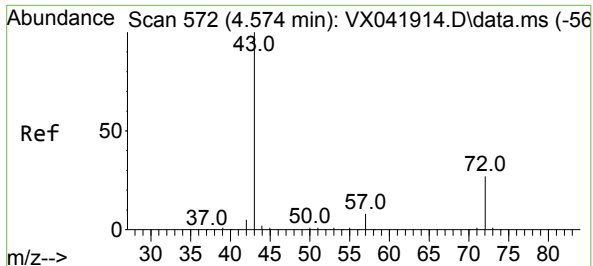
84 100

49 114.2 103.6 155.4

51 33.1 33.8 50.6#

86 66.3 49.4 74.0





#25

2-Butanone

Concen: 6.533 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

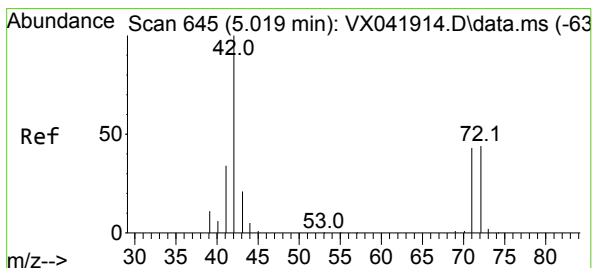
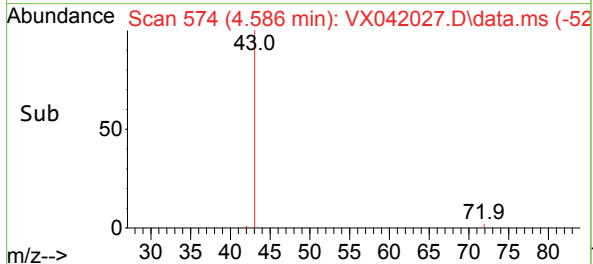
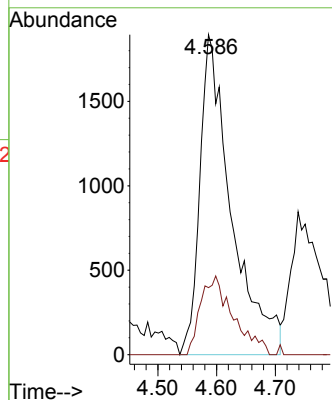
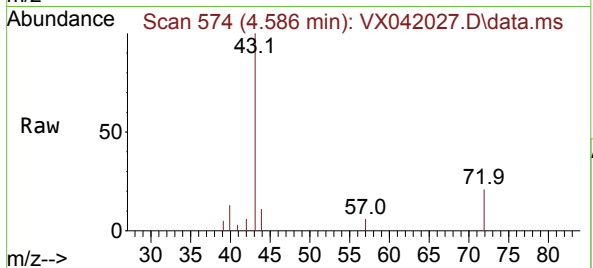
8AB

Tgt Ion: 43 Resp: 7072

Ion Ratio Lower Upper

43 100

72 20.9 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.589 ug/l

RT: 5.043 min Scan# 649

Delta R.T. 0.024 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

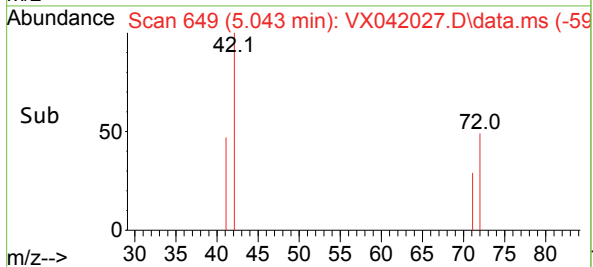
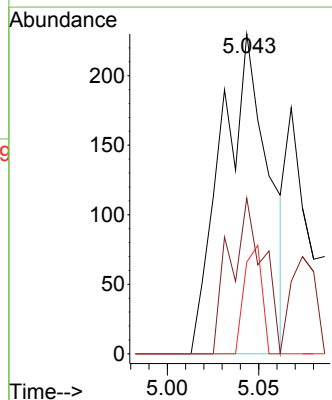
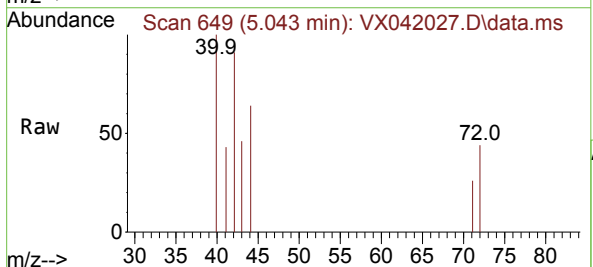
Tgt Ion: 42 Resp: 412

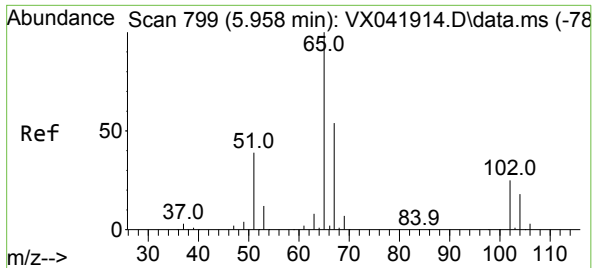
Ion Ratio Lower Upper

42 100

72 34.2 34.2 51.4#

71 12.9 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 44.302 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042027.D

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MSVOA_X

ClientSampleId :

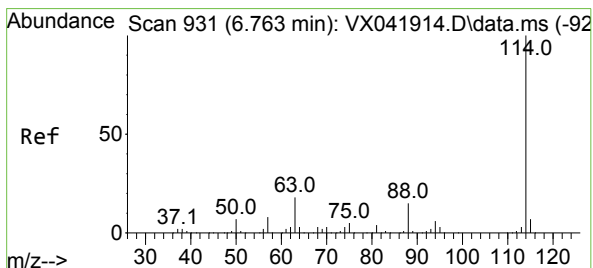
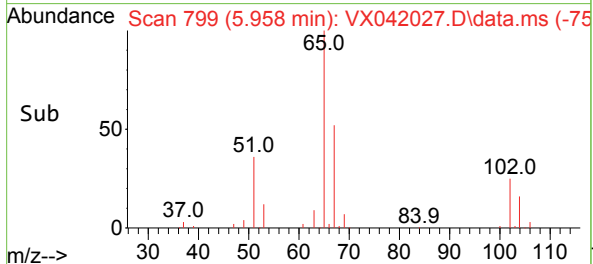
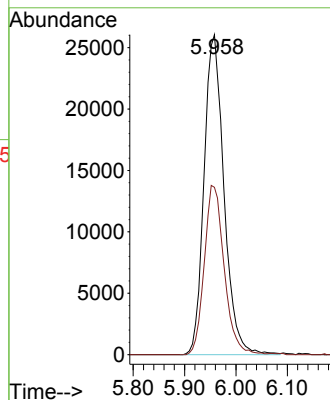
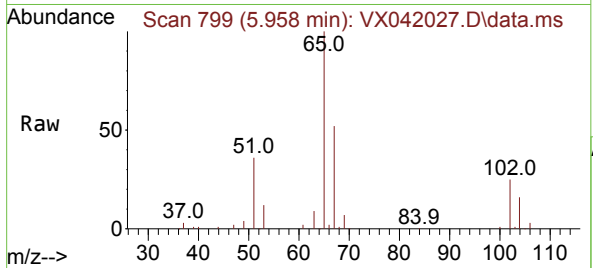
8AB

Tgt Ion: 65 Resp: 70204

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

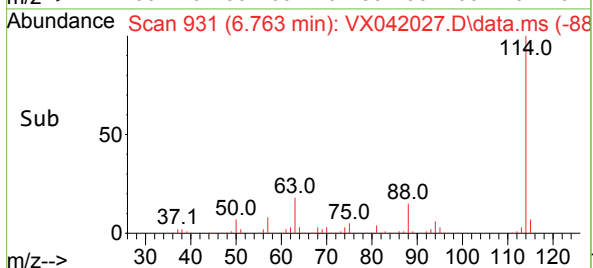
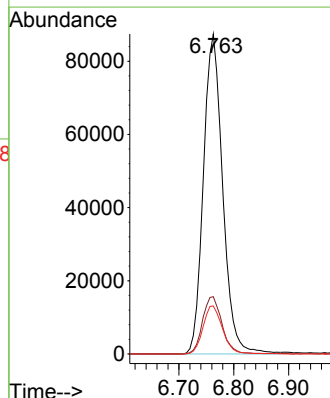
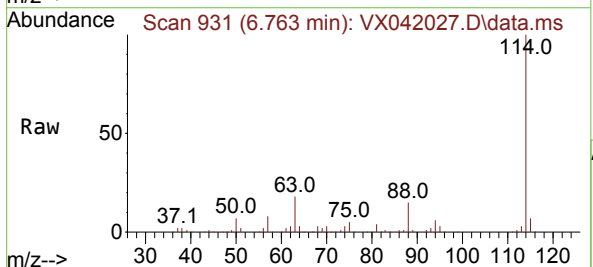
Tgt Ion: 114 Resp: 213774

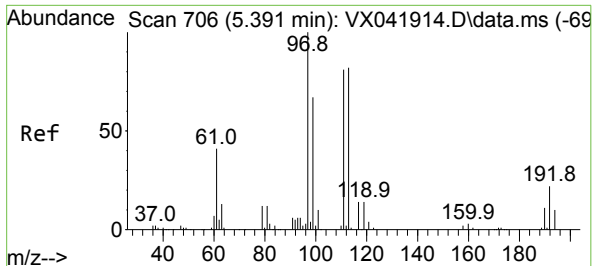
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.511 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

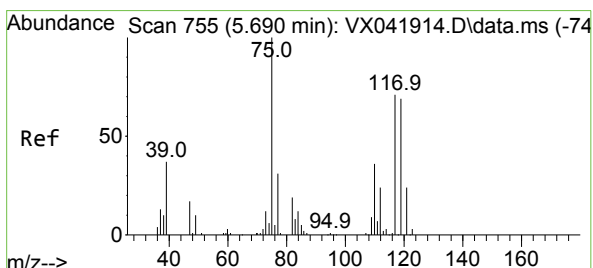
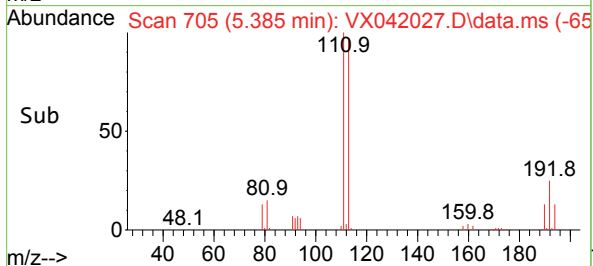
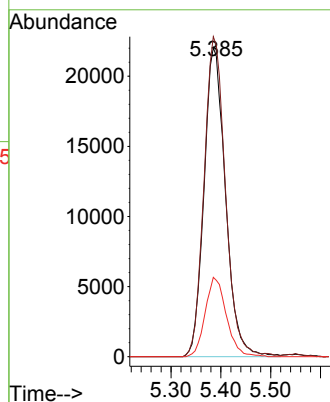
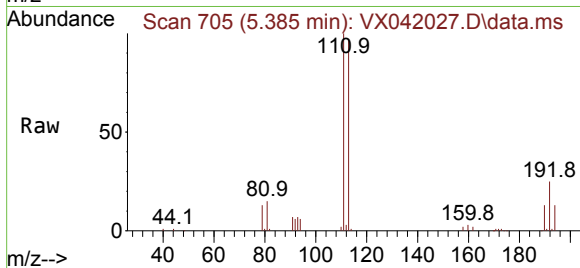
Tgt Ion:113 Resp: 65999

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 25.3 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

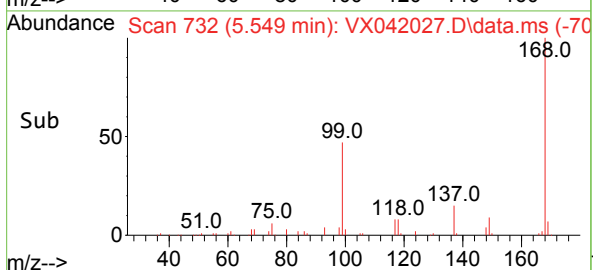
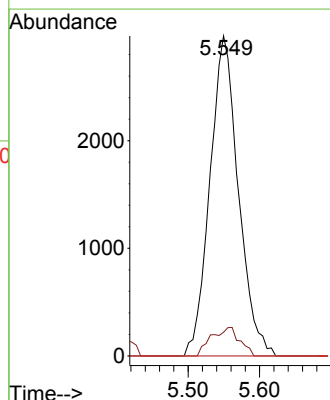
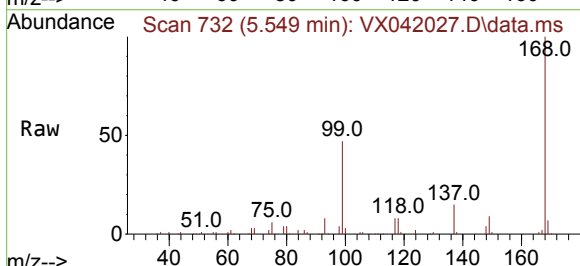
Tgt Ion: 75 Resp: 8228

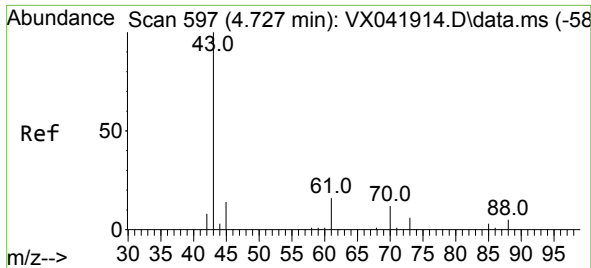
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.7 37.1#

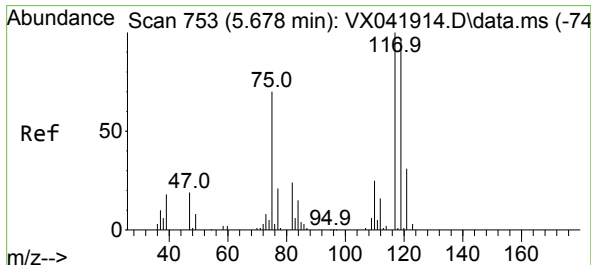
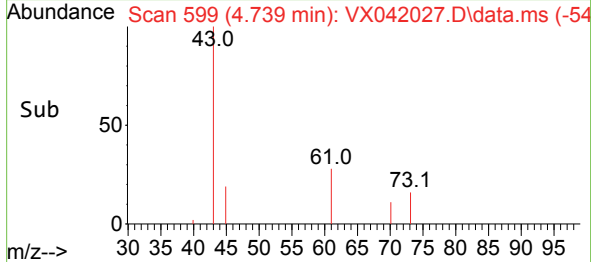
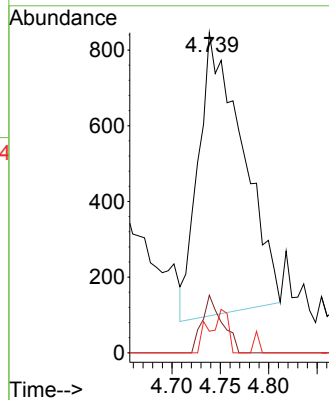
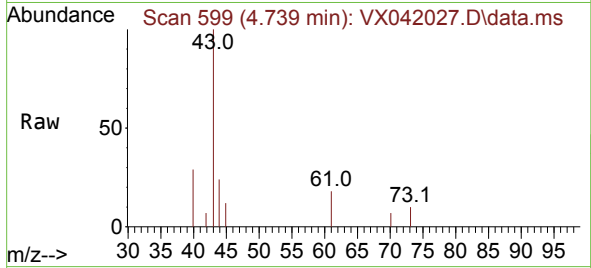




#37
Ethyl Acetate
Concen: 1.126 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

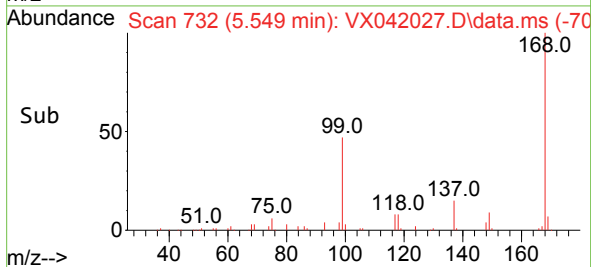
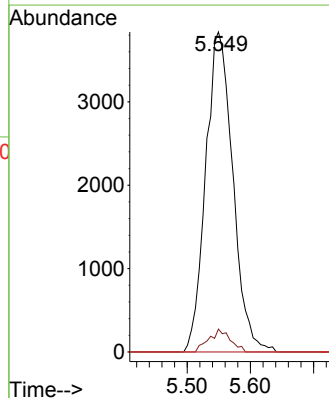
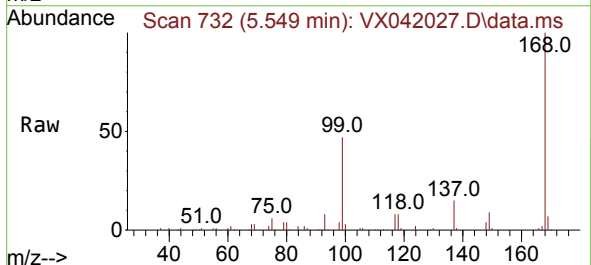
Instrument :
MSVOA_X
ClientSampleId :
8AB

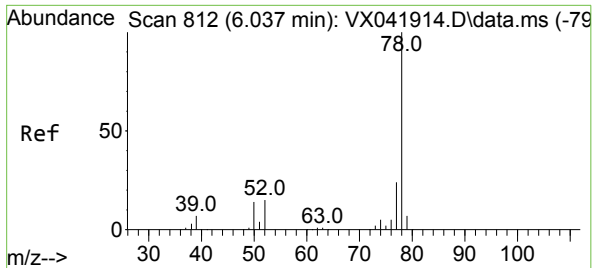
Tgt Ion: 43	Resp: 2362
Ion Ratio	Lower Upper
43	100
61	9.4 10.6 16.0#
70	6.5 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 117	Resp: 11452
Ion Ratio	Lower Upper
117	100
119	7.2 78.2 117.2#
121	0.0 24.4 36.6#





#40

Benzene

Concen: 14.346 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

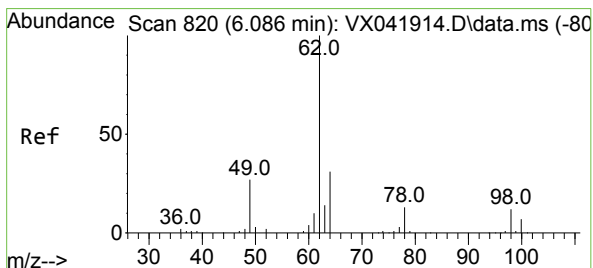
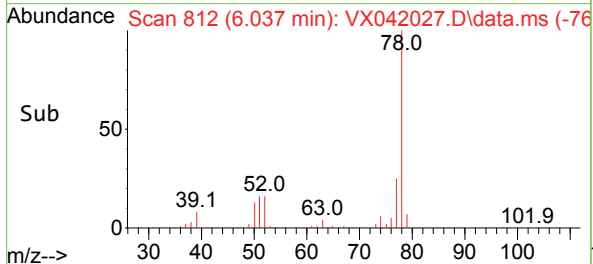
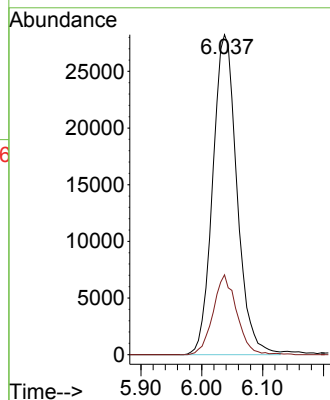
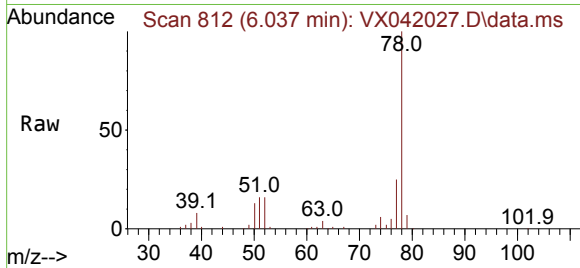
8AB

Tgt Ion: 78 Resp: 77936

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9



#42

1,2-Dichloroethane

Concen: 0.372 ug/l

RT: 6.049 min Scan# 814

Delta R.T. -0.037 min

Lab File: VX042027.D

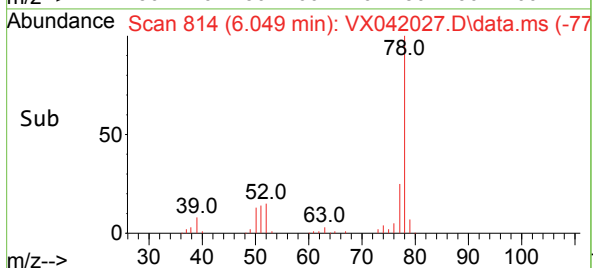
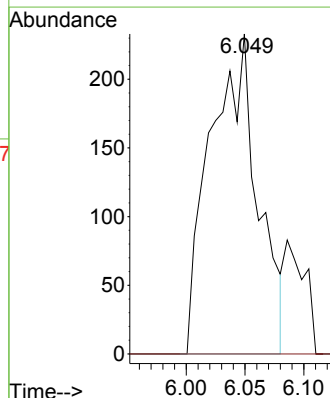
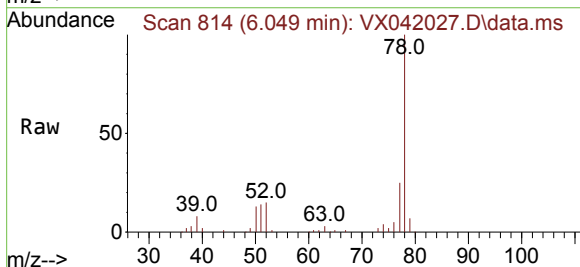
Acq: 25 Jun 2024 13:12

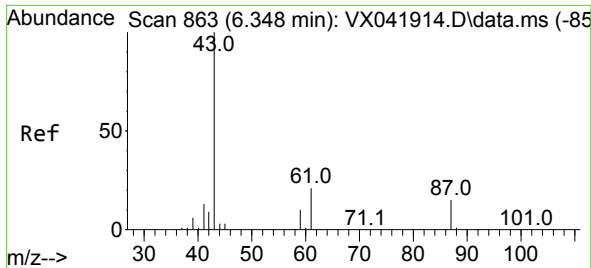
Tgt Ion: 62 Resp: 651

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

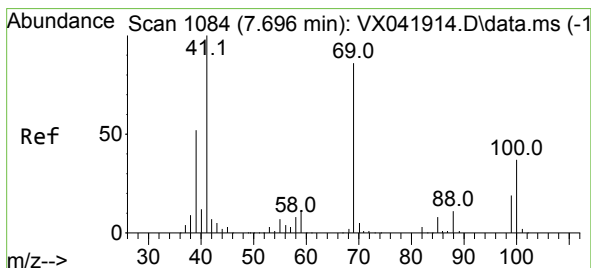
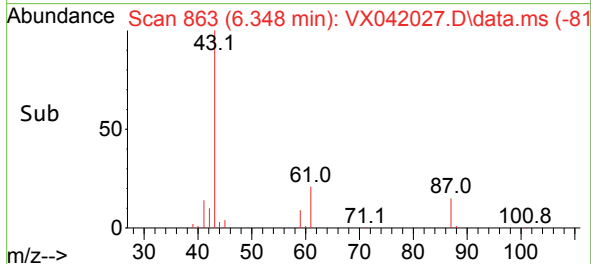
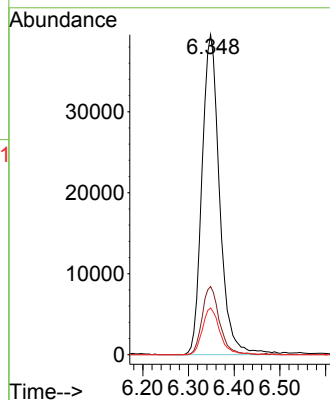
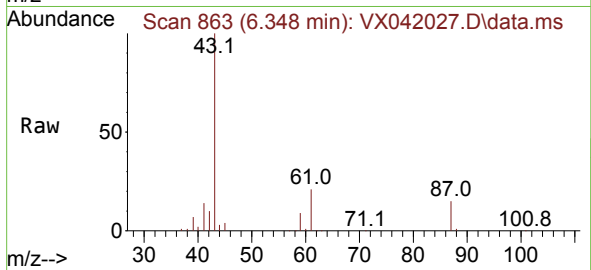




#43
Isopropyl Acetate
Concen: 32.879 ug/l
RT: 6.348 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

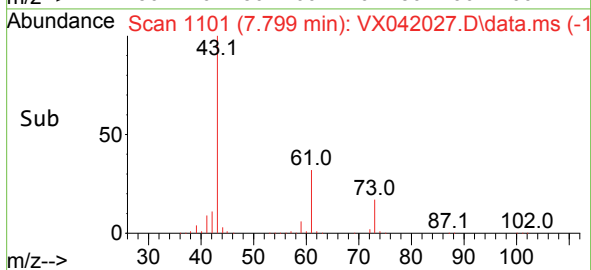
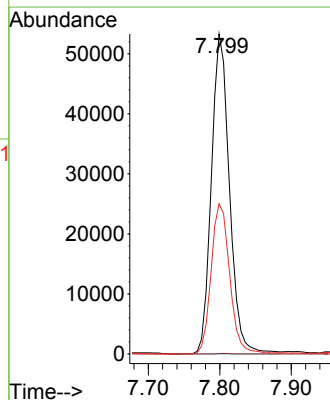
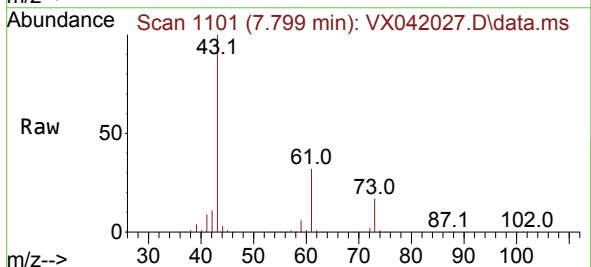
Instrument :
MSVOA_X
ClientSampleId :
8AB

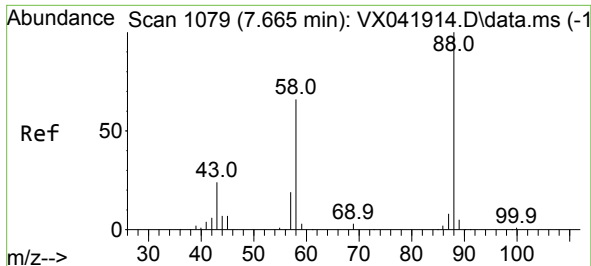
Tgt Ion: 43 Resp: 105894
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.5 9.8 14.6



#48
Methyl methacrylate
Concen: 60.866 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 41 Resp: 93555
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 48.7 47.7 71.5





#49

1,4-Dioxane

Concen: 23.956 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

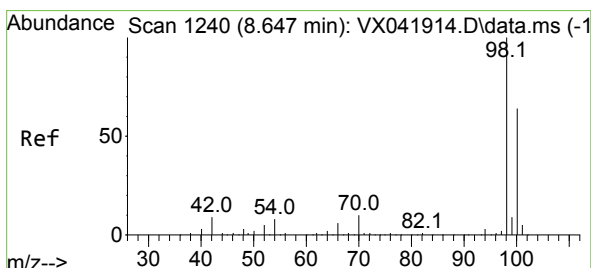
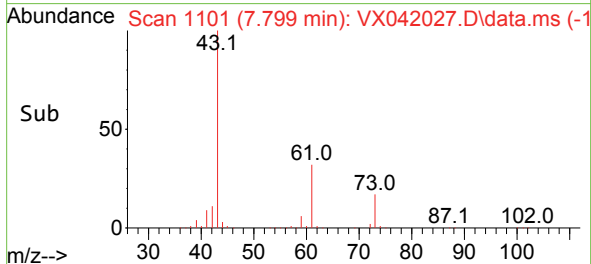
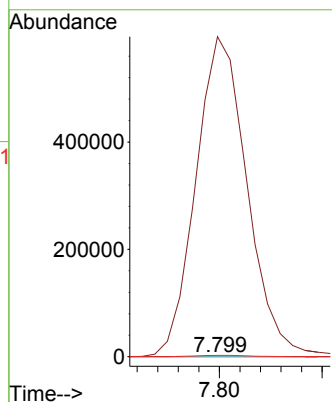
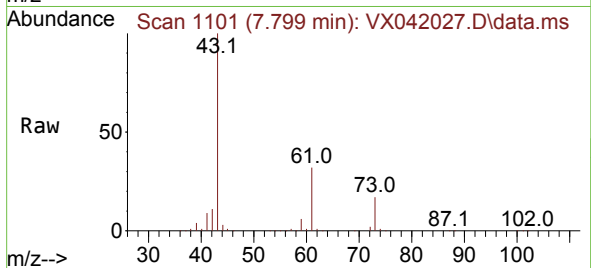
Tgt Ion: 88 Resp: 167

Ion Ratio Lower Upper

88 100

43 627429.3 0.0 0.0#

58 2844.9 60.1 90.1#



#50

Toluene-d8

Concen: 48.687 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042027.D

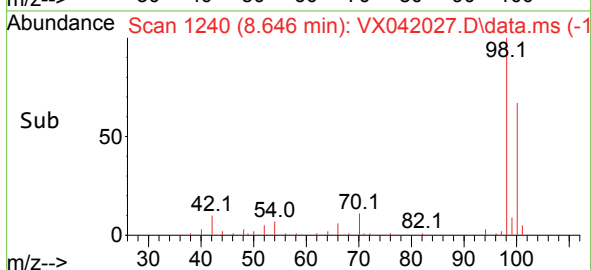
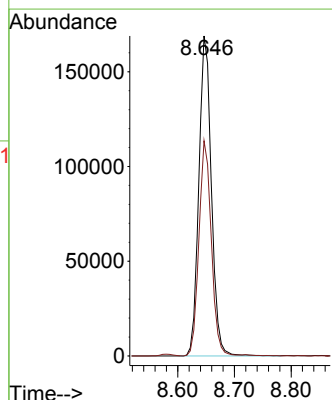
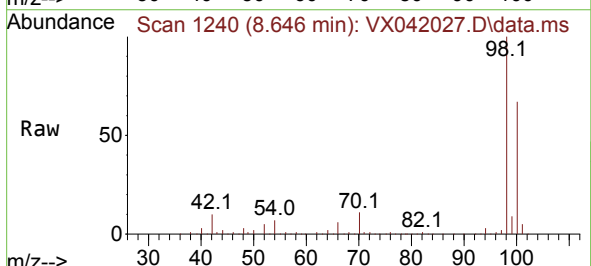
Acq: 25 Jun 2024 13:12

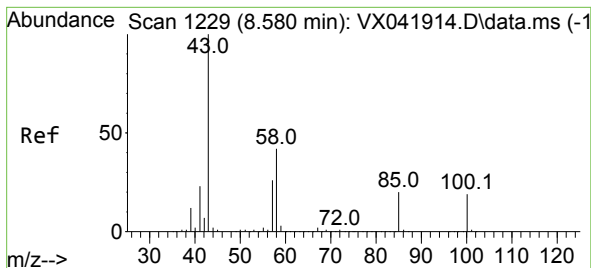
Tgt Ion: 98 Resp: 259439

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 34.912 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

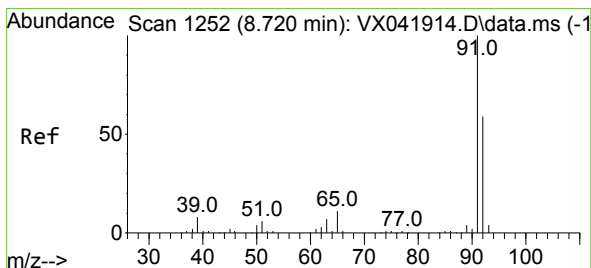
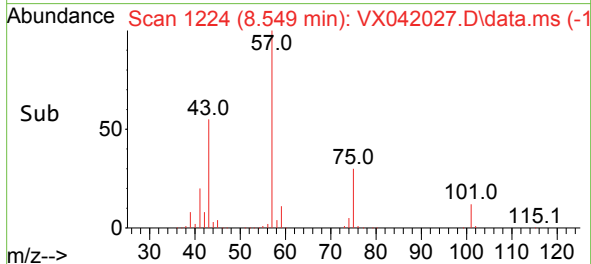
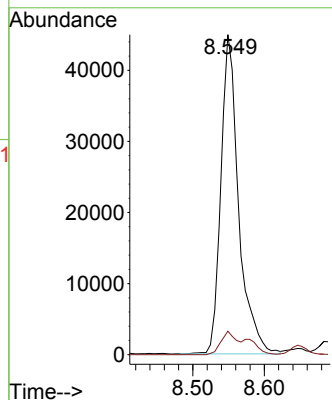
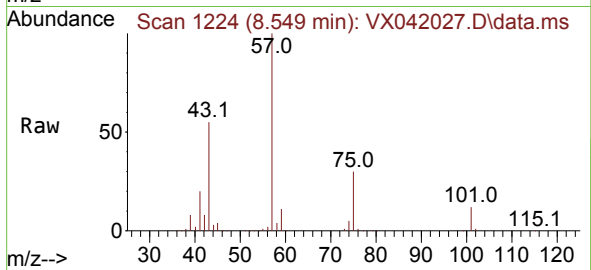
8AB

Tgt Ion: 43 Resp: 77453

Ion Ratio Lower Upper

43 100

58 6.7 30.4 45.6#



#52

Toluene

Concen: 28.144 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042027.D

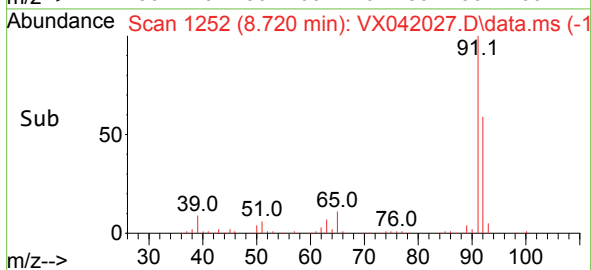
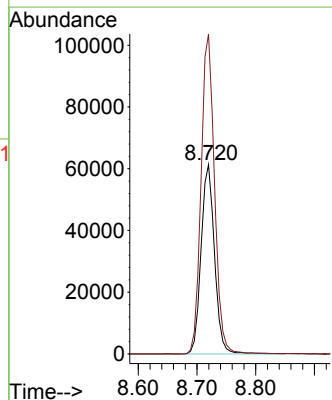
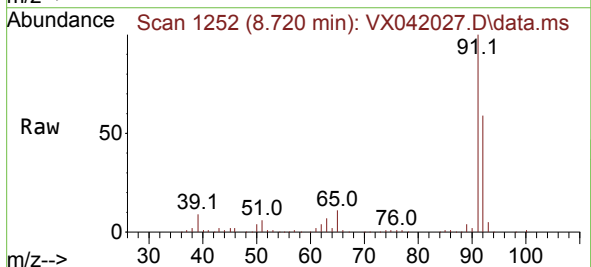
Acq: 25 Jun 2024 13:12

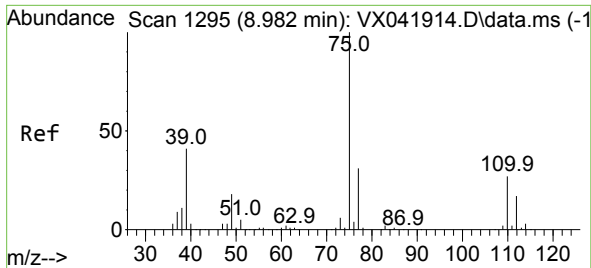
Tgt Ion: 92 Resp: 97360

Ion Ratio Lower Upper

92 100

91 169.7 134.2 201.2

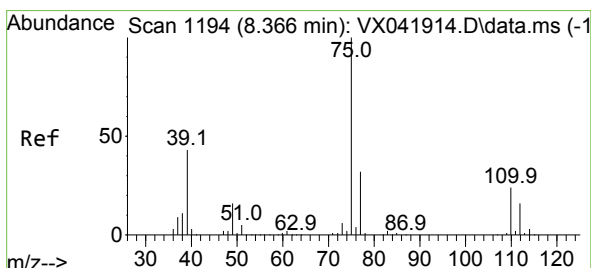
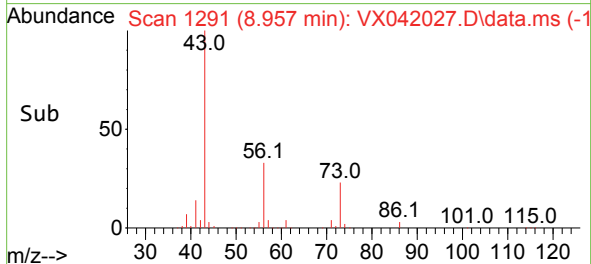
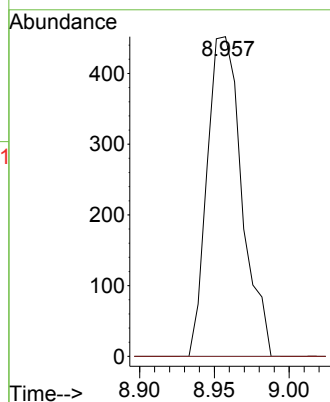
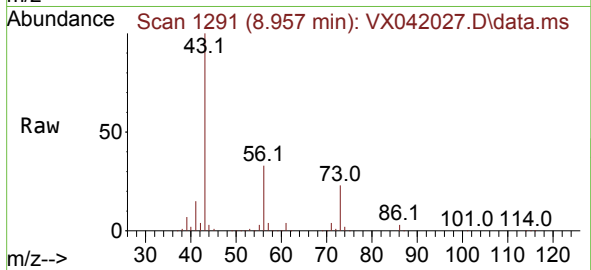




#53
 t-1,3-Dichloropropene
 Concen: 1.281 ug/l
 RT: 8.957 min Scan# 1124
 Delta R.T. -0.025 min
 Lab File: VX042027.D
 Acq: 25 Jun 2024 13:12

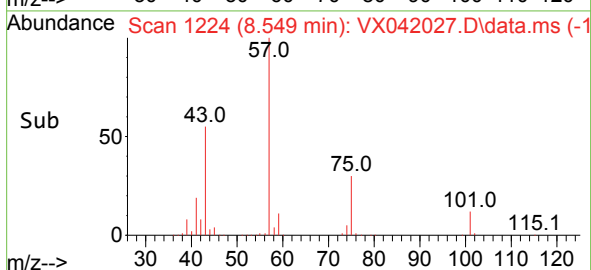
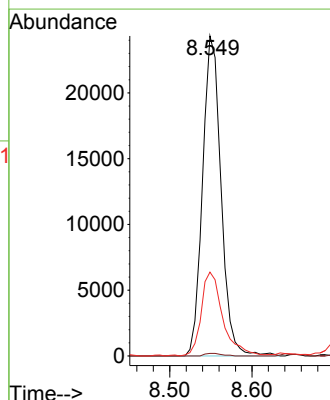
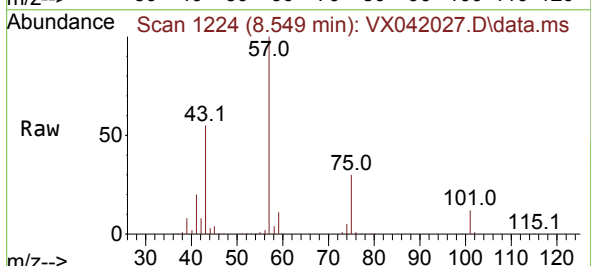
Instrument :
 MSVOA_X
 ClientSampleId :
 8AB

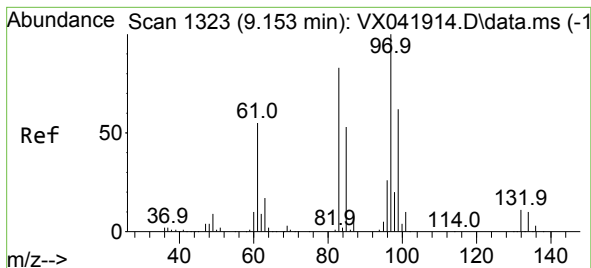
Tgt Ion: 75 Resp: 731
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 19.423 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX042027.D
 Acq: 25 Jun 2024 13:12

Tgt Ion: 75 Resp: 37998
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 26.2 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.352 ug/l

RT: 9.018 min Scan# 11

Delta R.T. -0.134 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

Tgt Ion: 97 Resp: 507

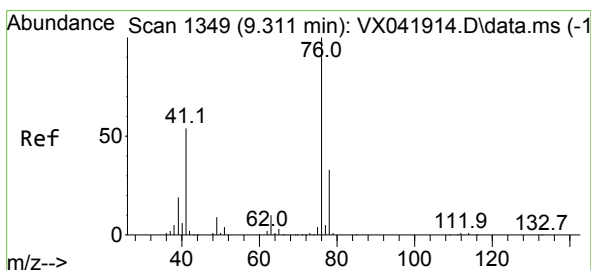
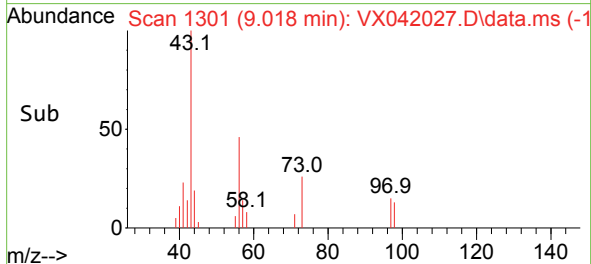
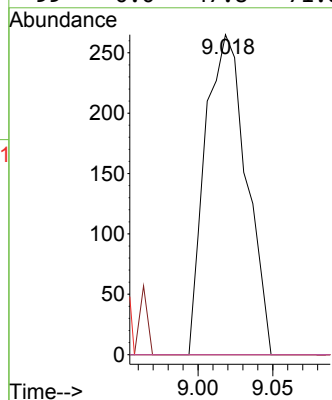
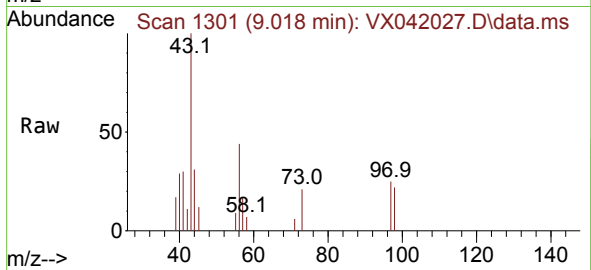
Ion Ratio Lower Upper

97 100

83 0.0 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#



#57

1,3-Dichloropropane

Concen: 2.238 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX042027.D

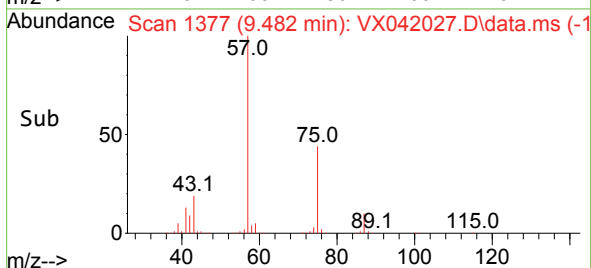
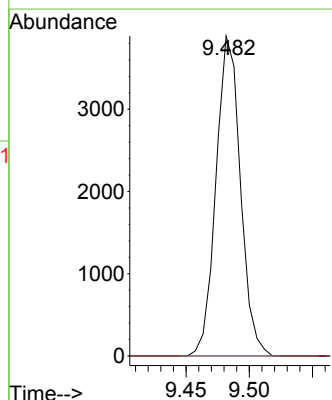
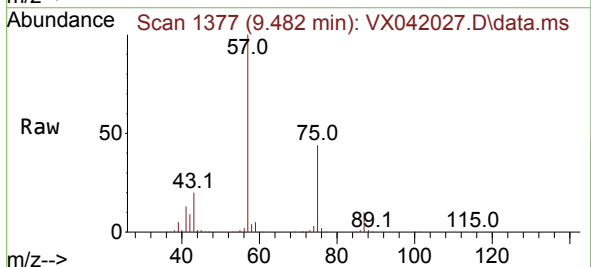
Acq: 25 Jun 2024 13:12

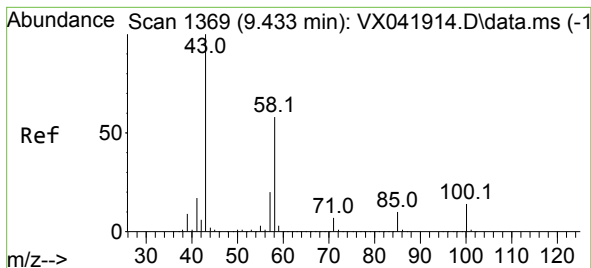
Tgt Ion: 76 Resp: 5211

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#





#59

2-Hexanone

Concen: 38.397 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

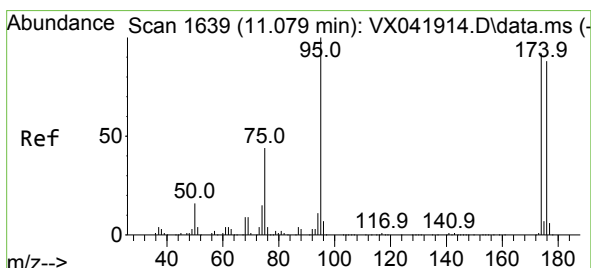
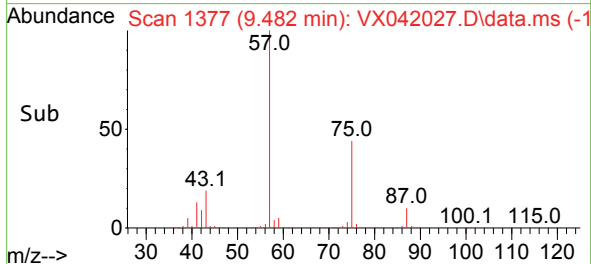
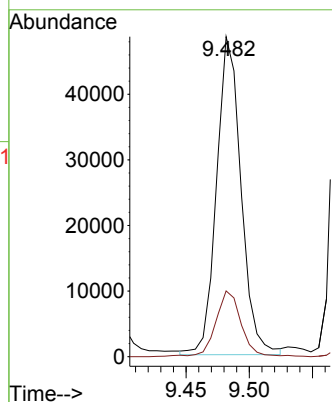
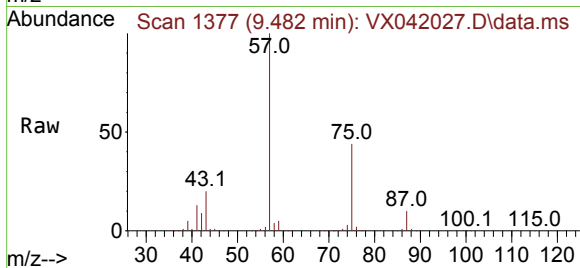
8AB

Tgt Ion: 43 Resp: 65244

Ion Ratio Lower Upper

43 100

58 21.6 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 52.017 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

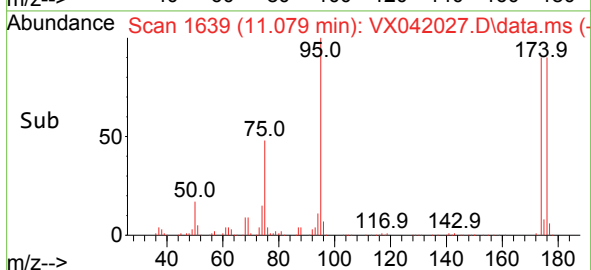
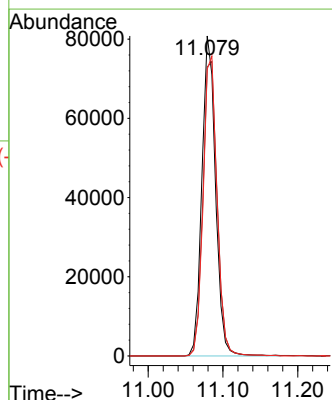
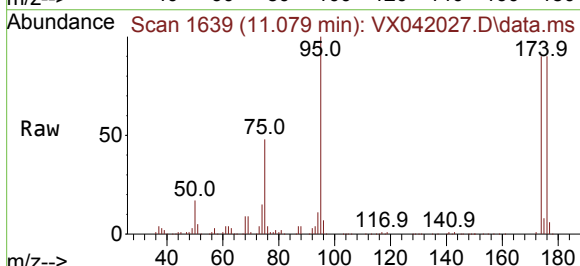
Tgt Ion: 95 Resp: 102178

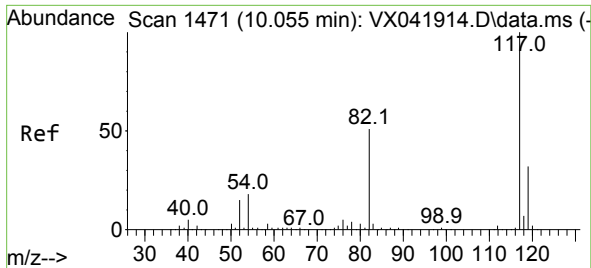
Ion Ratio Lower Upper

95 100

174 96.6 0.0 135.6

176 95.3 0.0 131.0

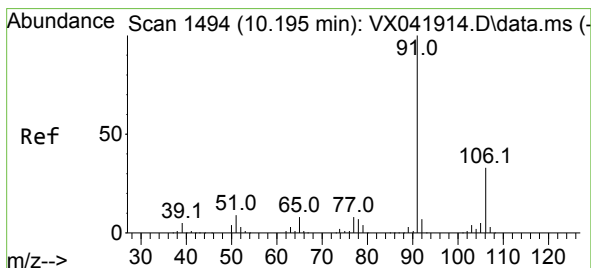
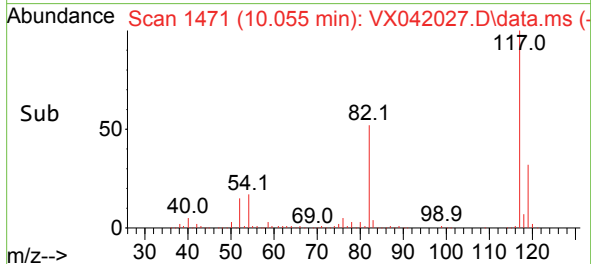
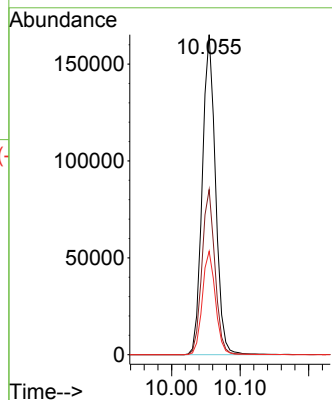
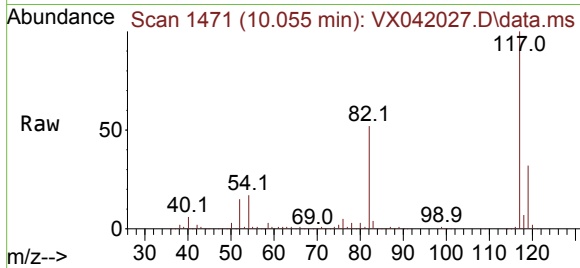




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

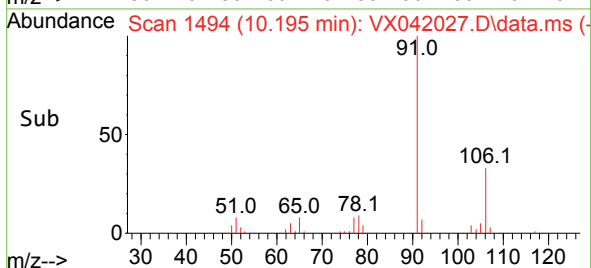
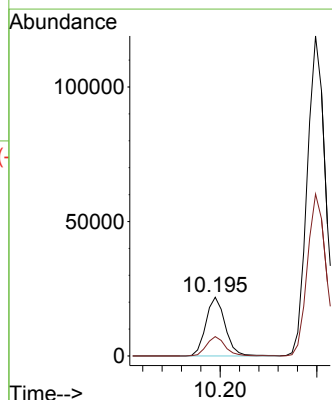
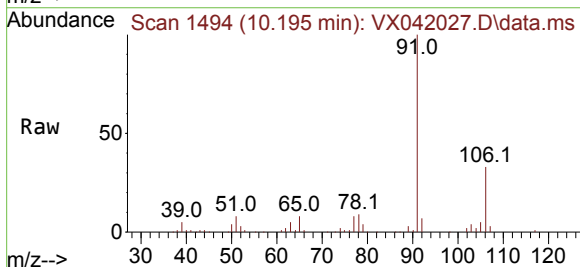
Instrument :
MSVOA_X
ClientSampleId :
8AB

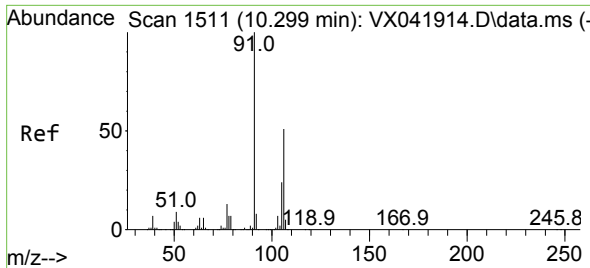
Tgt Ion:117 Resp: 222431
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 4.193 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 91 Resp: 30399
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

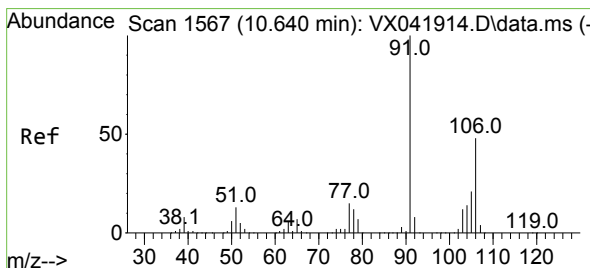
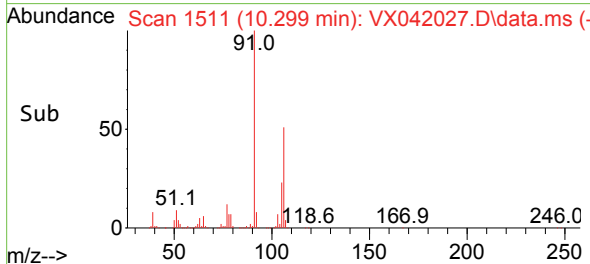
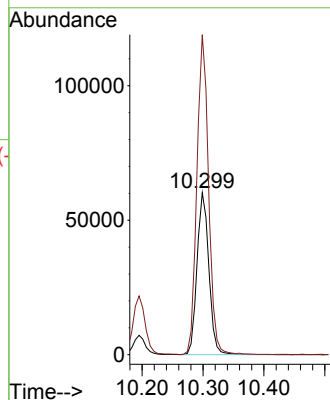
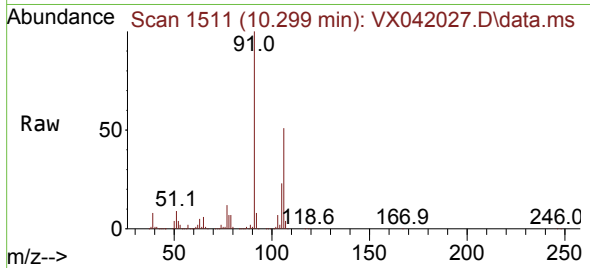




#68
m/p-Xylenes
Concen: 27.752 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

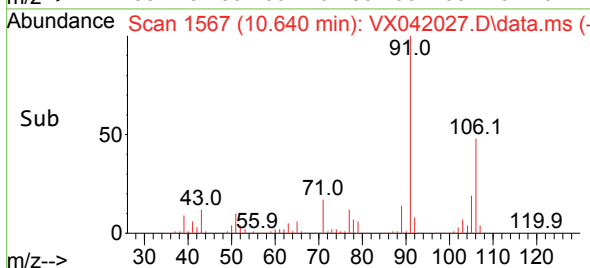
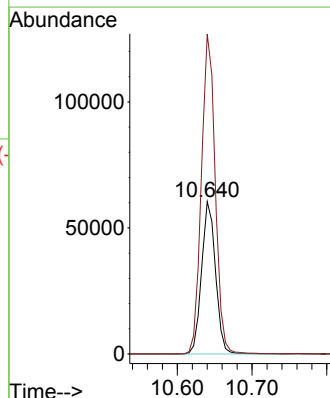
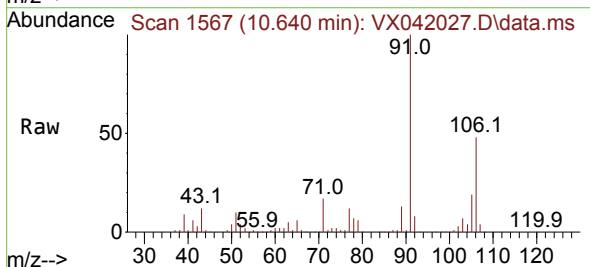
Instrument :
MSVOA_X
ClientSampleId :
8AB

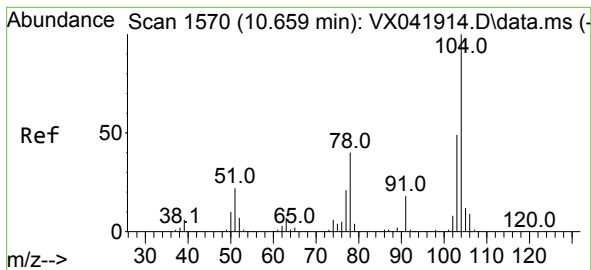
Tgt Ion:106 Resp: 81218
Ion Ratio Lower Upper
106 100
91 195.0 165.5 248.3



#69
o-Xylene
Concen: 26.986 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion:106 Resp: 78190
Ion Ratio Lower Upper
106 100
91 209.6 108.9 326.8





#70

Styrene

Concen: 4.647 ug/l

RT: 10.658 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

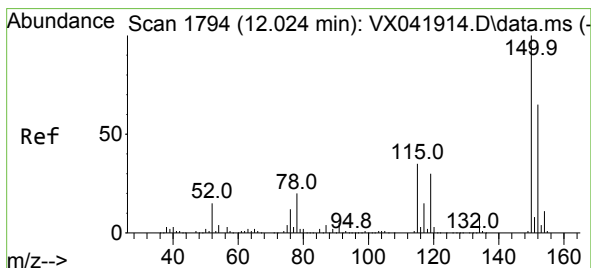
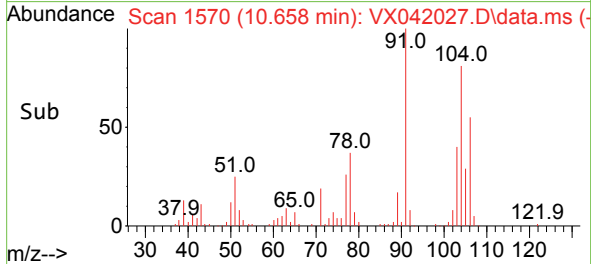
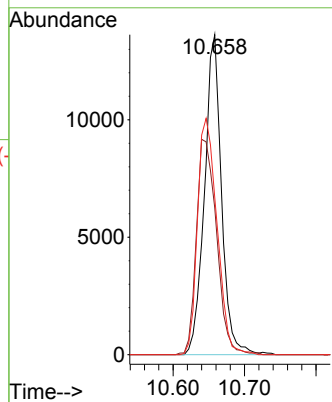
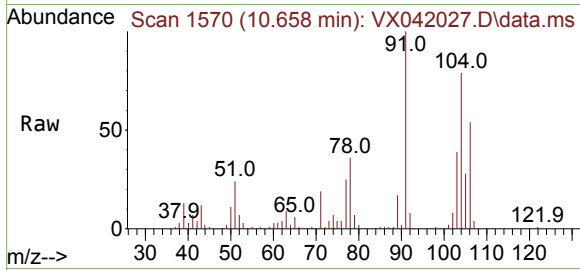
Tgt Ion:104 Resp: 22579

Ion Ratio Lower Upper

104 100

78 79.6 43.6 65.4#

103 84.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

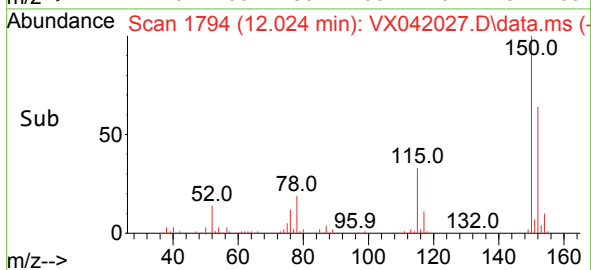
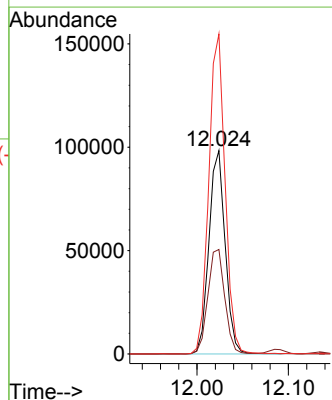
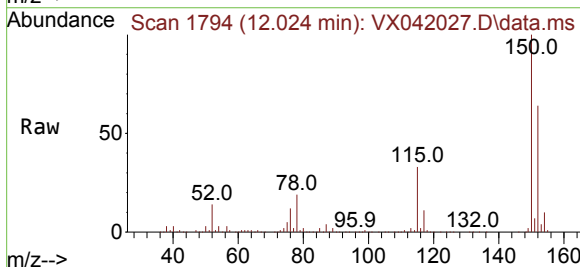
Tgt Ion:152 Resp: 121116

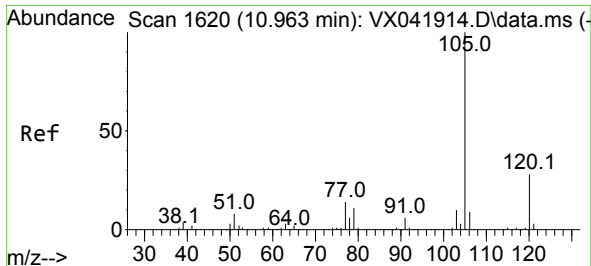
Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 158.2 0.0 345.0

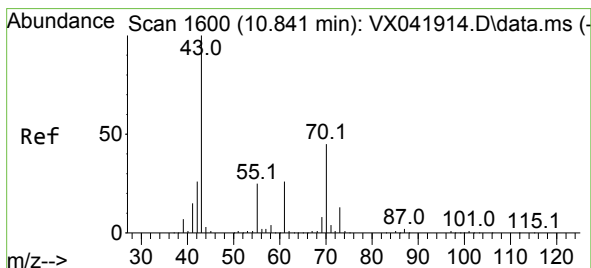
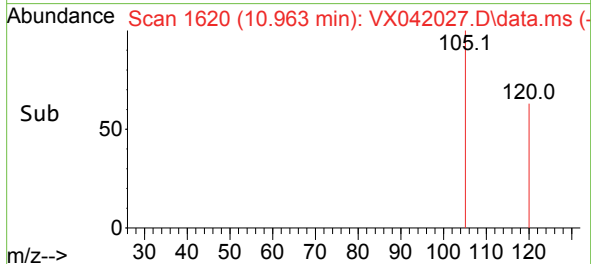
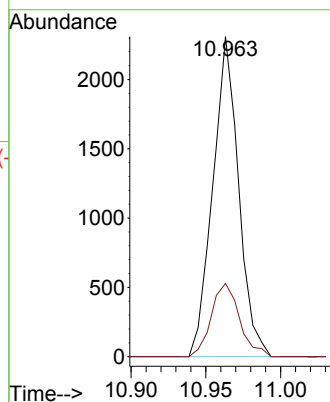
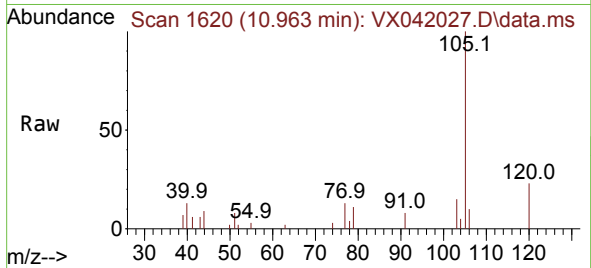




#73
Isopropylbenzene
Concen: 0.375 ug/l
RT: 10.963 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

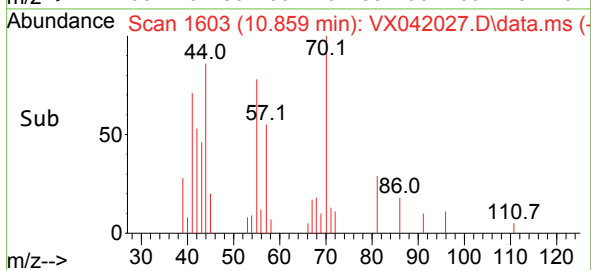
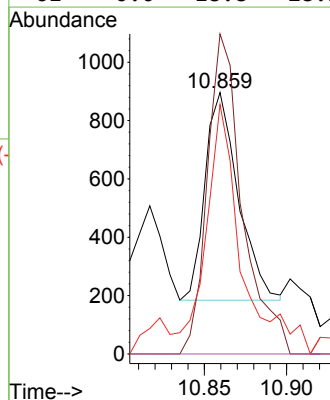
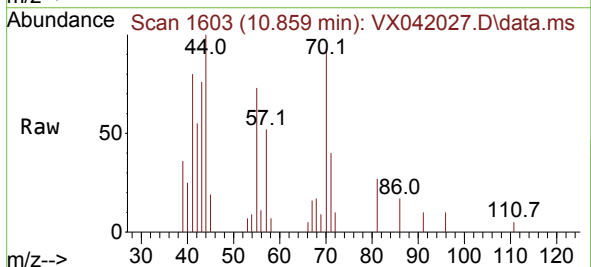
Instrument :
MSVOA_X
ClientSampleId :
8AB

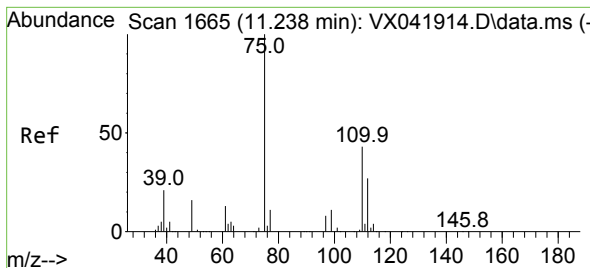
Tgt Ion:105 Resp: 2764
Ion Ratio Lower Upper
105 100
120 25.1 12.9 38.6



#74
N-ethyl acetate
Concen: 0.306 ug/l
RT: 10.859 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
70 162.6 32.9 49.3#
55 127.5 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 21.466 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

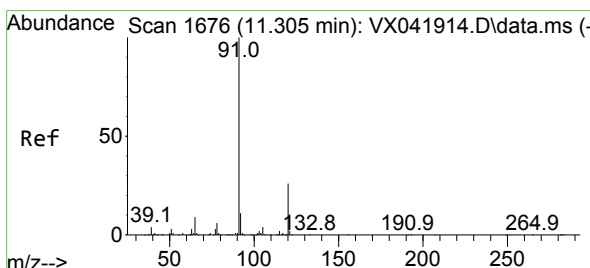
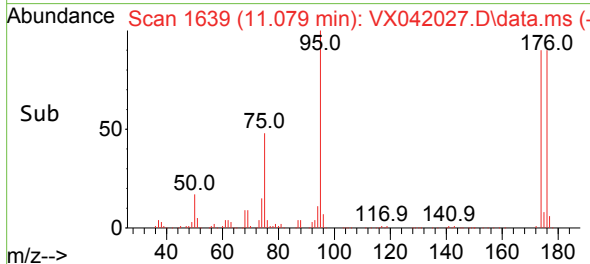
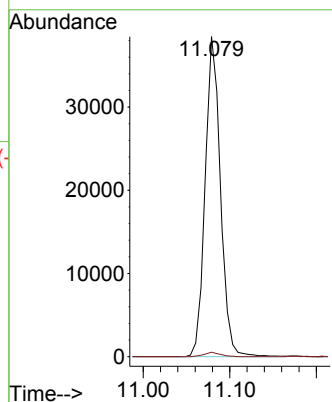
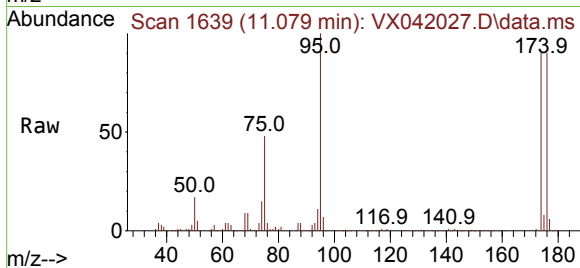
8AB

Tgt Ion: 75 Resp: 47199

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#



#78

n-propylbenzene

Concen: 0.567 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042027.D

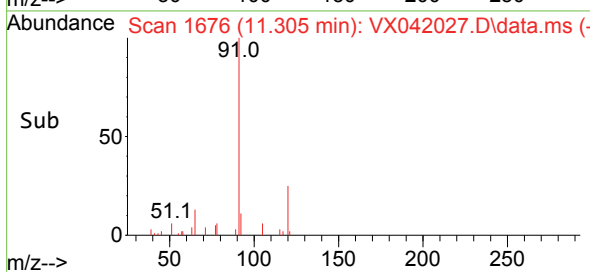
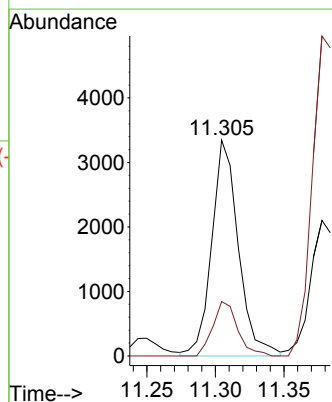
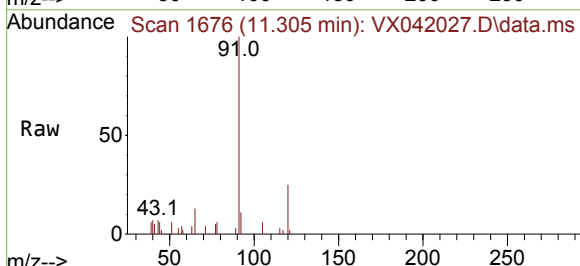
Acq: 25 Jun 2024 13:12

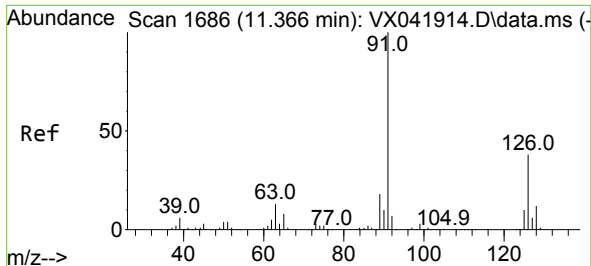
Tgt Ion: 91 Resp: 4528

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

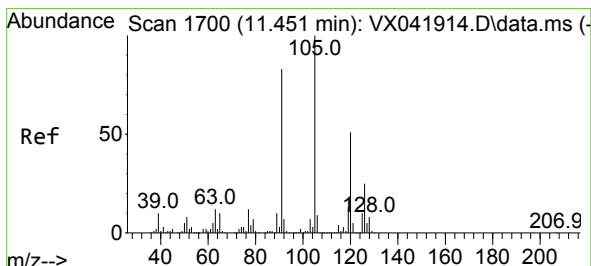
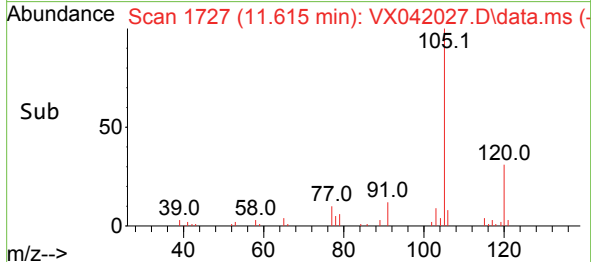
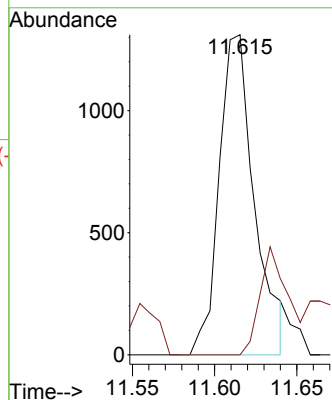
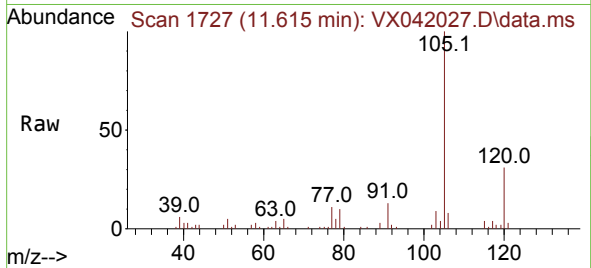




#79
2-Chlorotoluene
Concen: 0.380 ug/l
RT: 11.615 min Scan# 11
Delta R.T. 0.250 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

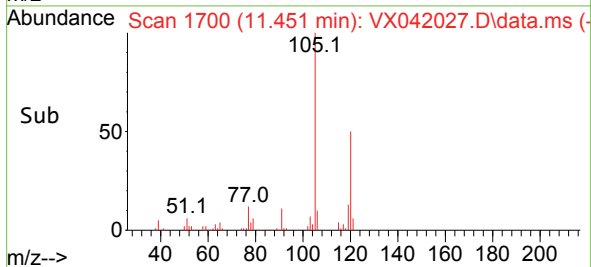
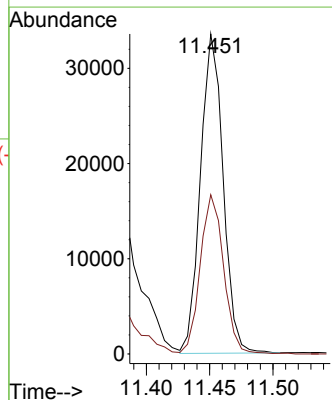
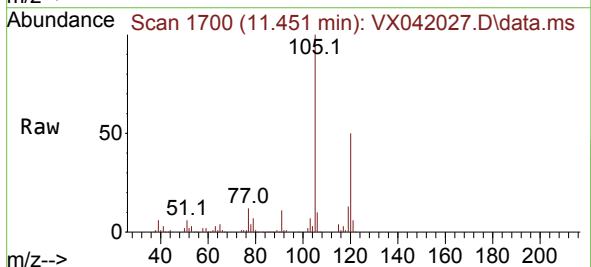
Instrument :
MSVOA_X
ClientSampleId :
8AB

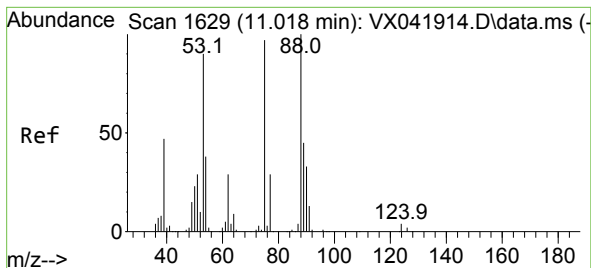
Tgt Ion: 91 Resp: 1956
Ion Ratio Lower Upper
91 100
126 19.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 6.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 105 Resp: 41866
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3

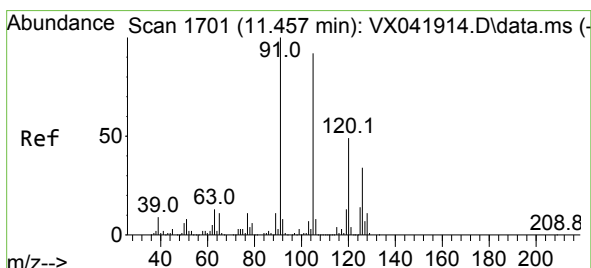
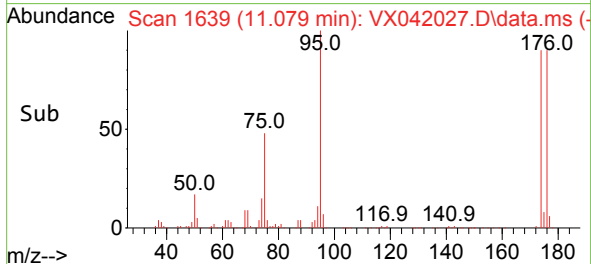
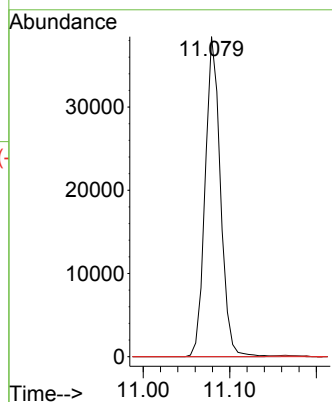
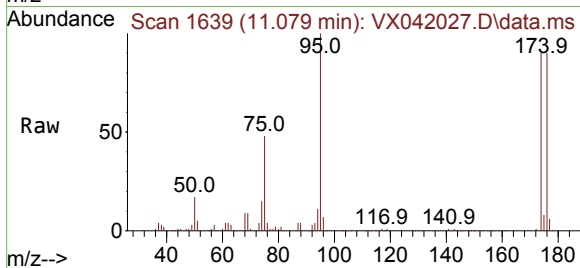




#81
trans-1,4-Dichloro-2-butene
Concen: 60.963 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

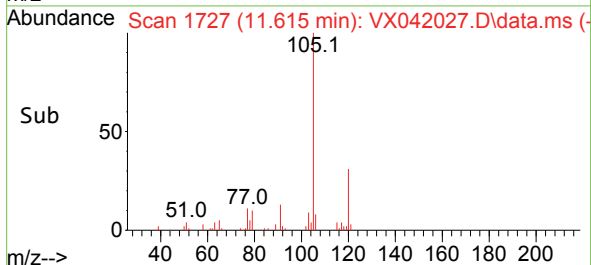
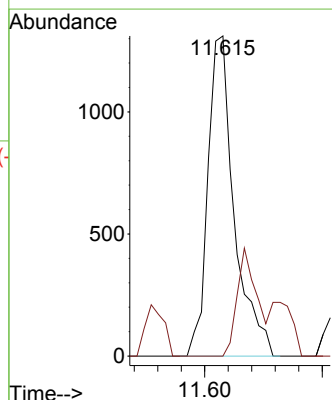
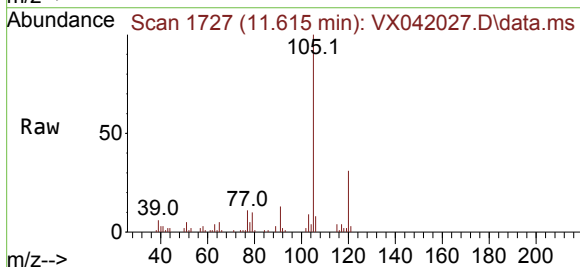
Instrument :
MSVOA_X
ClientSampleId :
8AB

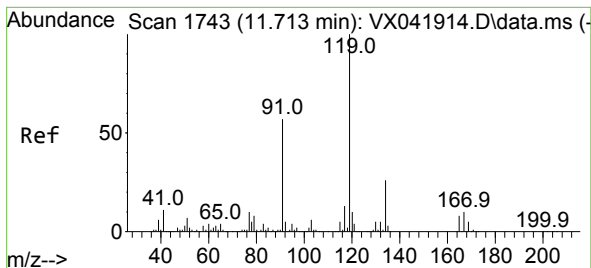
Tgt Ion: 75 Resp: 47199
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 11.615 min Scan# 1727
Delta R.T. 0.158 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Tgt Ion: 91 Resp: 2039
Ion Ratio Lower Upper
91 100
126 25.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.782 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.036 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

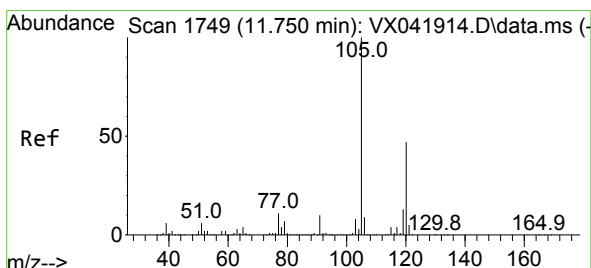
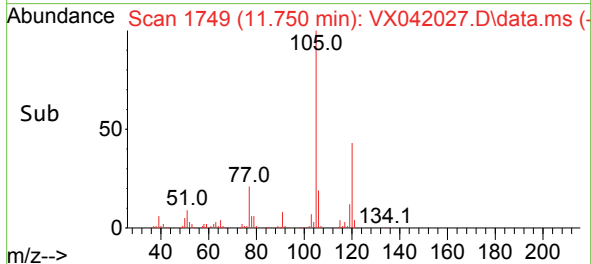
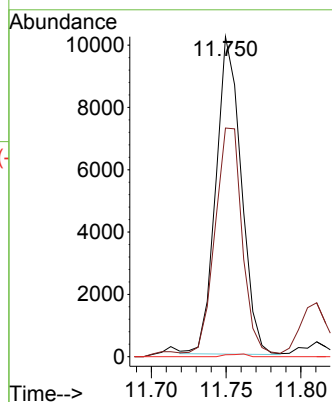
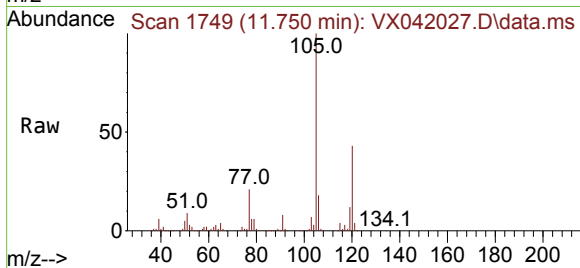
Tgt Ion:119 Resp: 11994

Ion Ratio Lower Upper

119 100

91 80.3 31.2 93.6

134 0.7 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 18.037 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042027.D

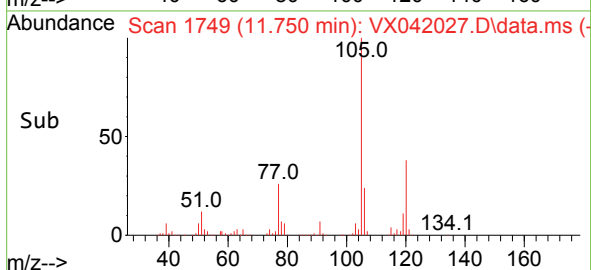
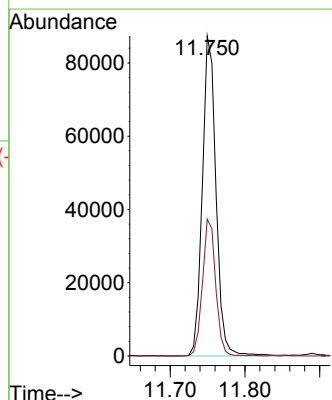
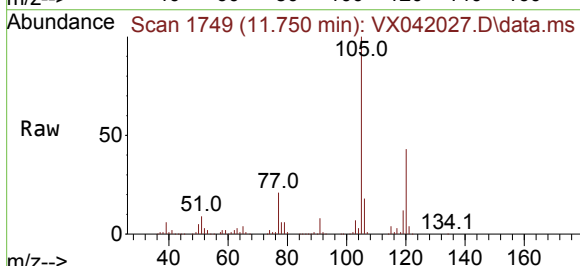
Acq: 25 Jun 2024 13:12

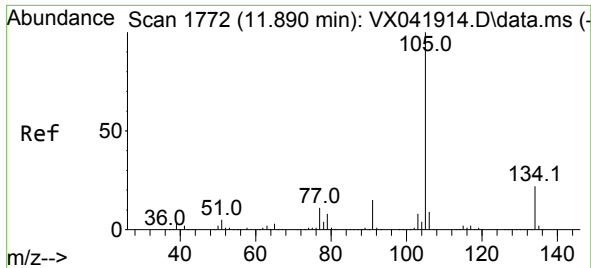
Tgt Ion:105 Resp: 110999

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6

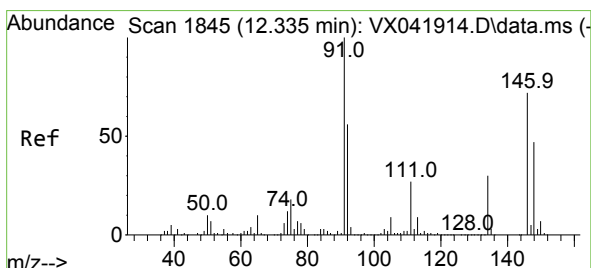
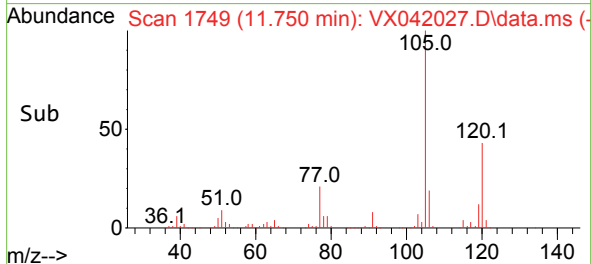
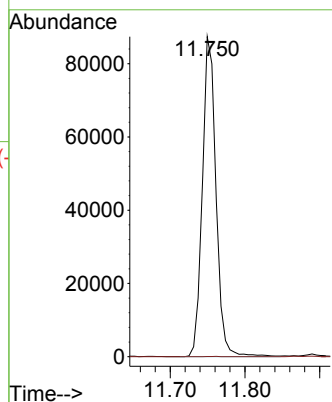
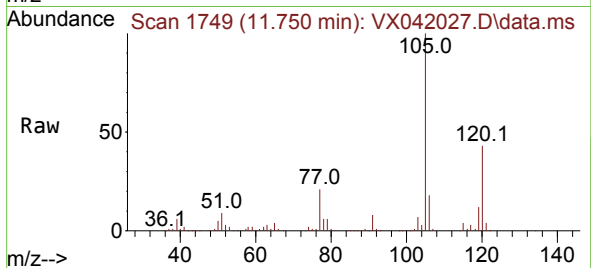




#85
 sec-Butylbenzene
 Concen: 14.581 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX042027.D
 Acq: 25 Jun 2024 13:12

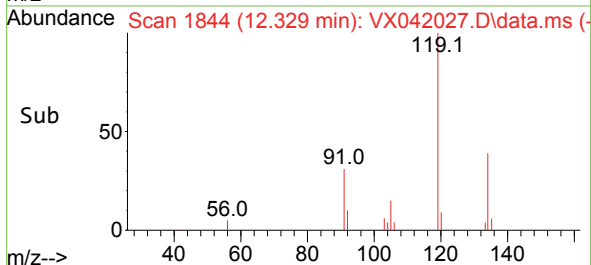
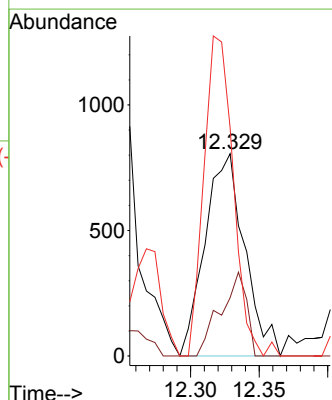
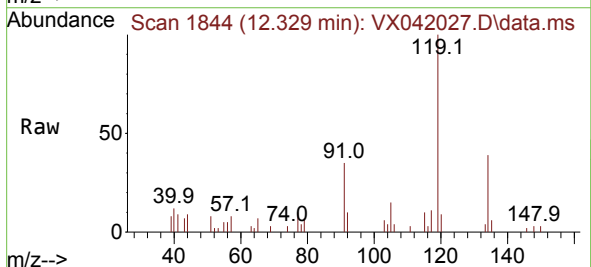
Instrument :
 MSVOA_X
 ClientSampleId :
 8AB

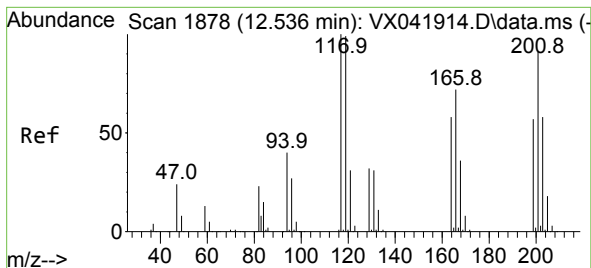
Tgt Ion:105 Resp: 110999
 Ion Ratio Lower Upper
 105 100
 134 0.1 9.8 29.4#



#89
 n-Butylbenzene
 Concen: 0.316 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX042027.D
 Acq: 25 Jun 2024 13:12

Tgt Ion: 91 Resp: 1619
 Ion Ratio Lower Upper
 91 100
 92 27.2 27.4 82.0#
 134 117.7 12.6 37.8#





#90

Hexachloroethane

Concen: 1.139 ug/l

RT: 12.548 min Scan# 117

Delta R.T. 0.012 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

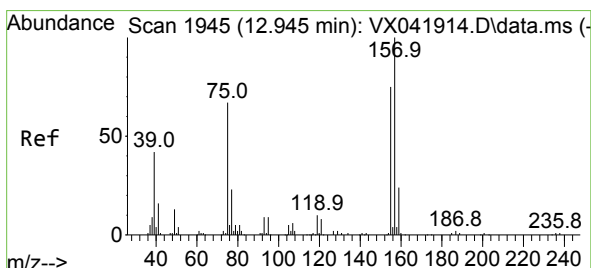
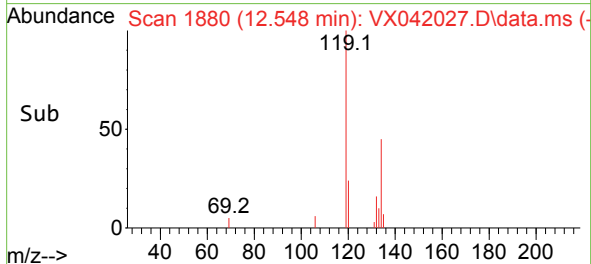
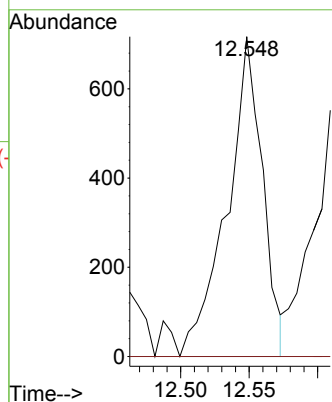
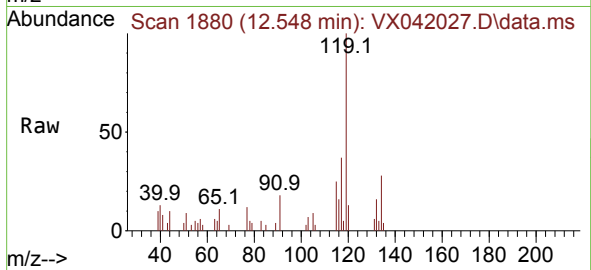
8AB

Tgt Ion:117 Resp: 1290

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.839 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

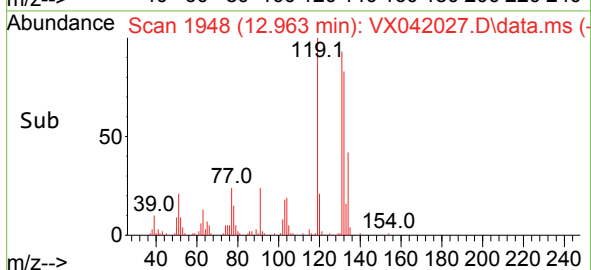
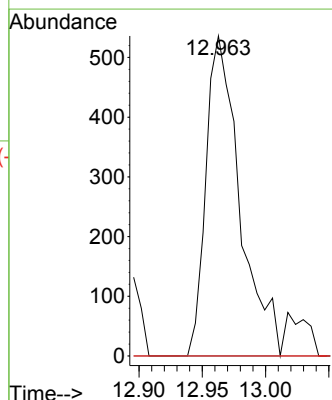
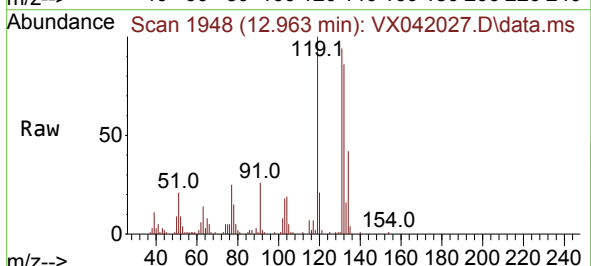
Tgt Ion: 75 Resp: 998

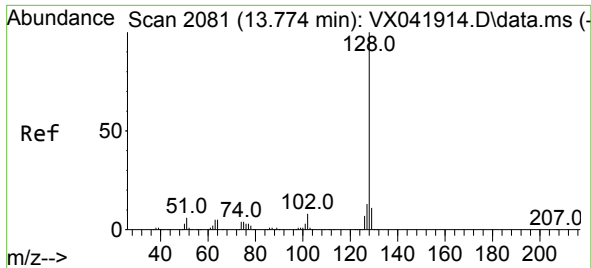
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95
Naphthalene
Concen: 746.748 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
8AB

Tgt Ion:128 Resp: 6576257
Ion Ratio Lower Upper
128 100
127 15.1 10.3 15.5
129 13.1 8.8 13.2

