

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)

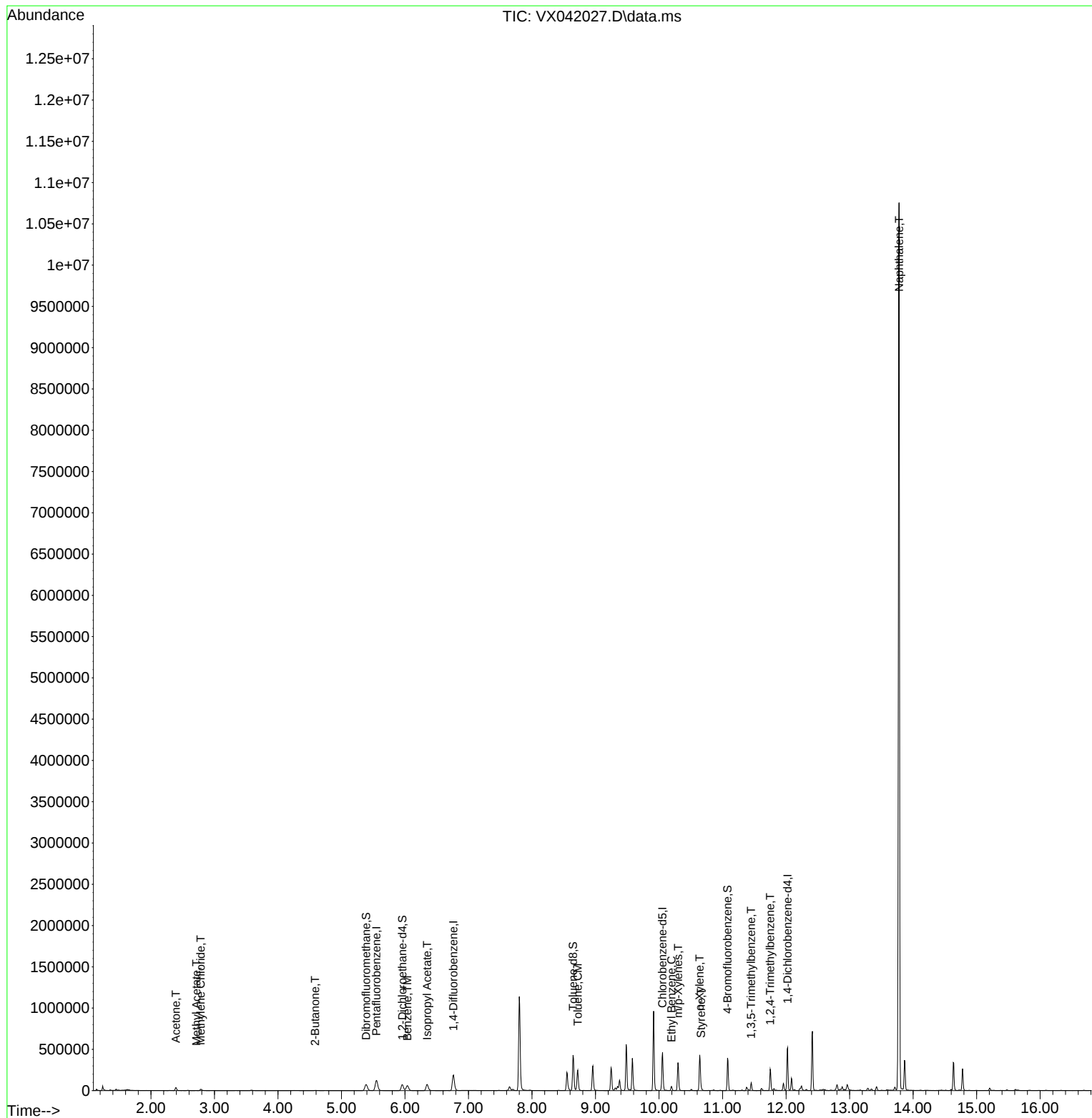
Internal Standards						
1) Pentafluorobenzene	5.549	168	137425	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	213774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
16) Acetone	2.392	43	43223	62.117	ug/l	# 87
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
40) Benzene	6.037	78	77936	14.346	ug/l	98
43) Isopropyl Acetate	6.348	43	105894	32.879	ug/l	95
52) Toluene	8.720	92	97360	28.144	ug/l	99
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
80) 1,3,5-Trimethylbenzene	11.451	105	41866	6.825	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	110999	18.037	ug/l	98
95) Naphthalene	13.780	128	6576257	746.748	ug/l	94

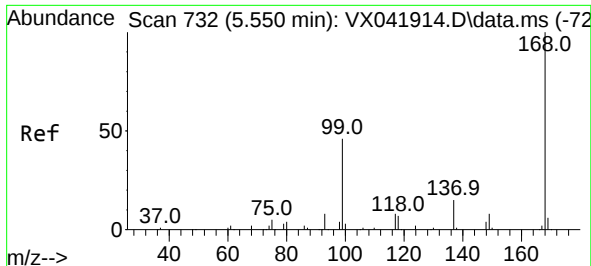
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
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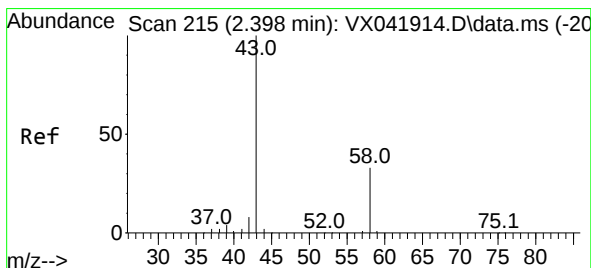
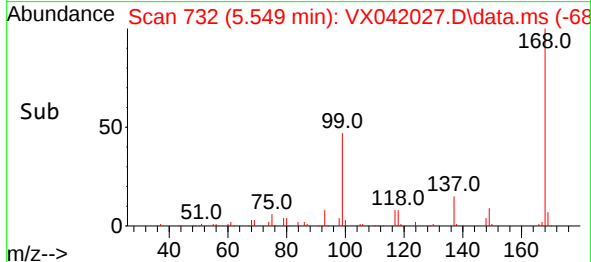
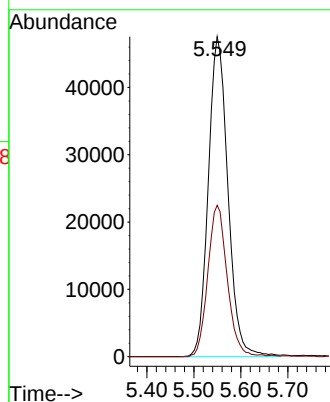
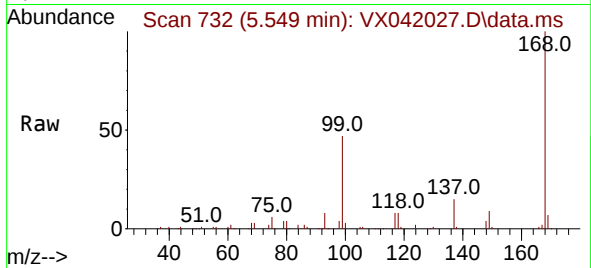




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

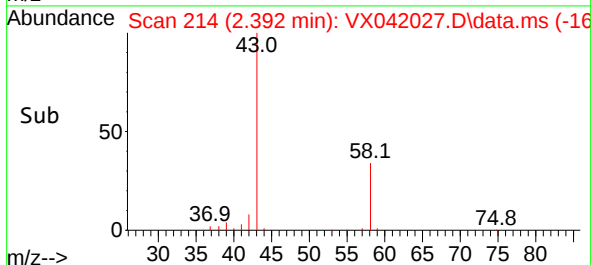
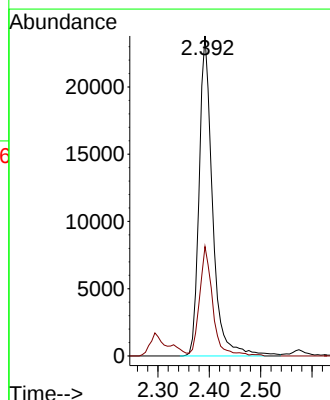
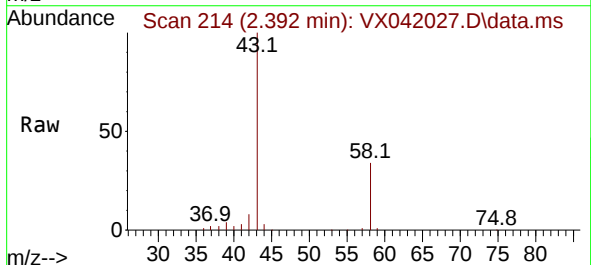
Instrument :
MSVOA_X
ClientSampleId :
8AB

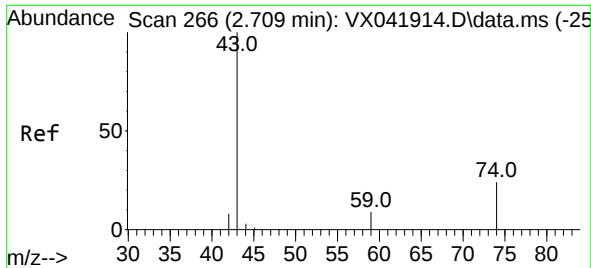
Tgt Ion:168 Resp: 137425
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#16
Acetone
Concen: 62.117 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

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





#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 :

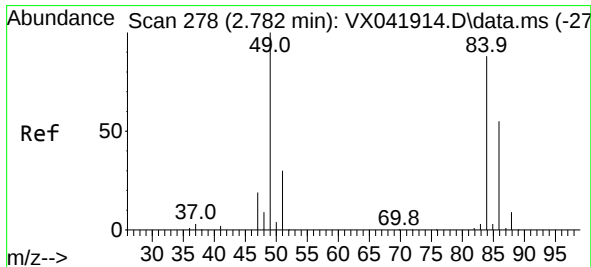
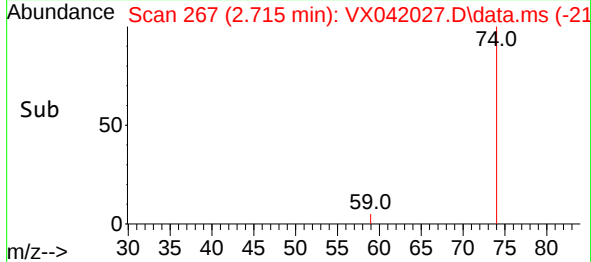
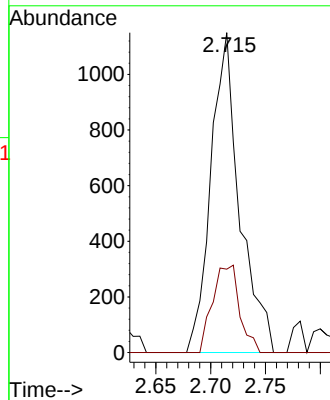
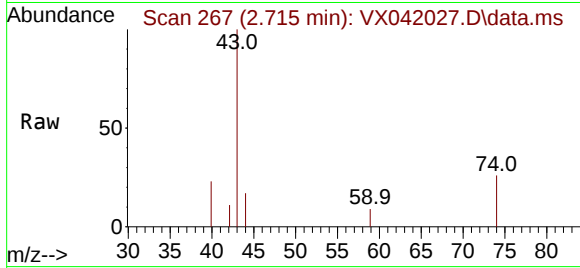
8AB

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

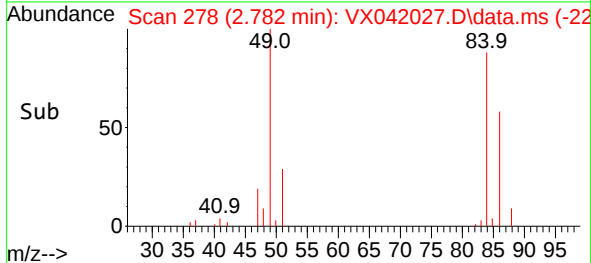
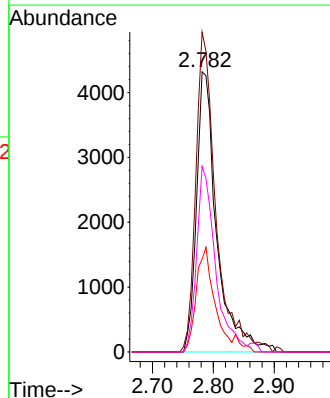
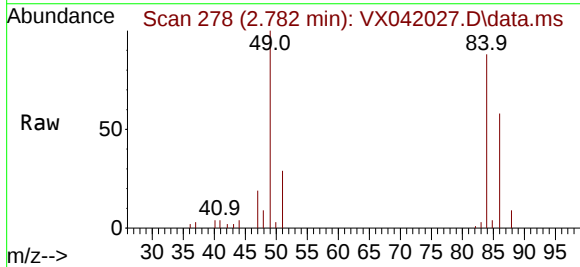
Ion Ratio Lower Upper

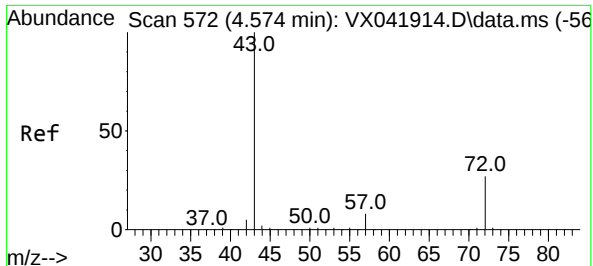
84 100

49 114.2 103.6 155.4

51 33.1 33.8 50.6#

86 66.3 49.4 74.0

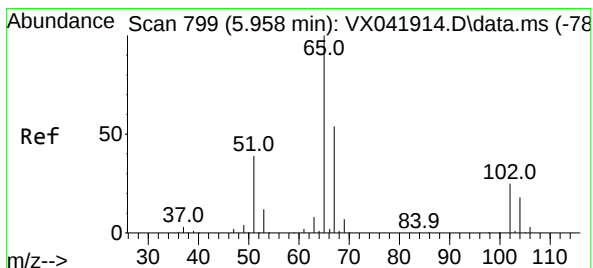
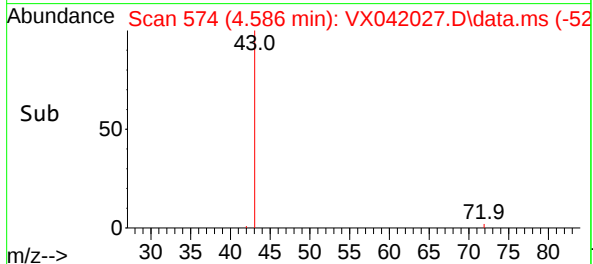
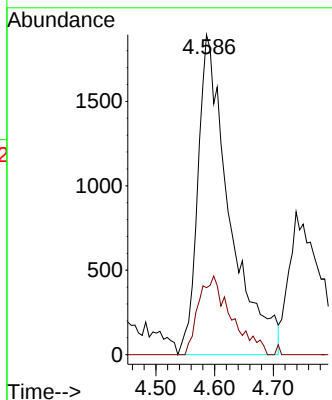
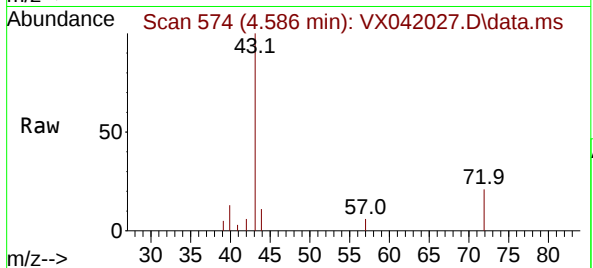




#25
2-Butanone
Concen: 6.533 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

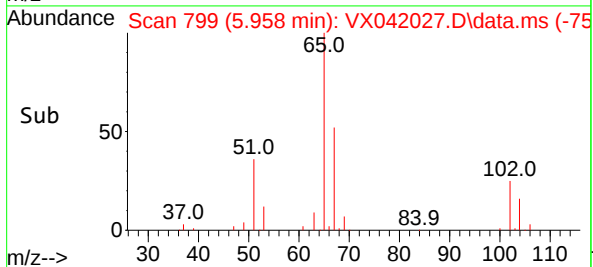
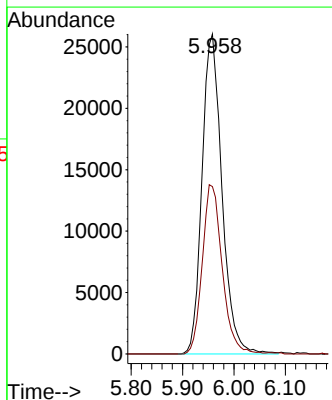
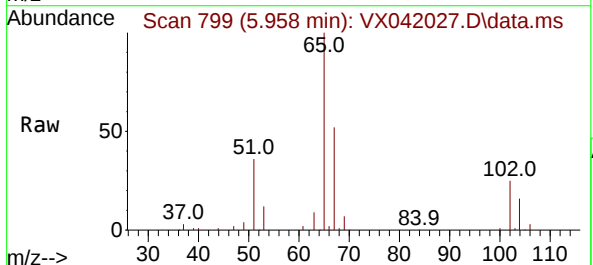
Instrument :
MSVOA_X
ClientSampleId :
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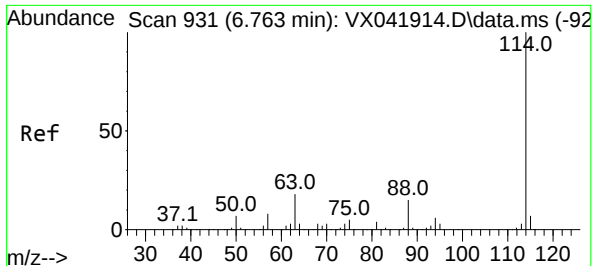
Tgt Ion: 43 Resp: 7072
Ion Ratio Lower Upper
43 100
72 20.9 19.4 29.2



#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
Acq: 25 Jun 2024 13:12

Tgt Ion: 65 Resp: 70204
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

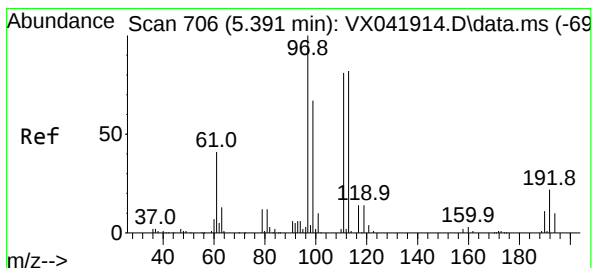
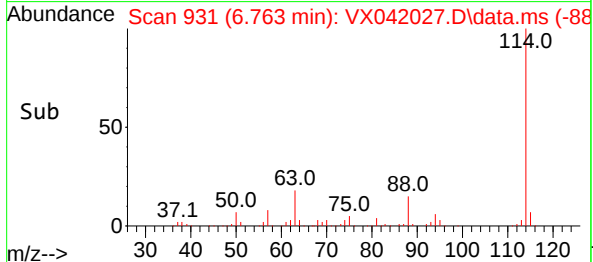
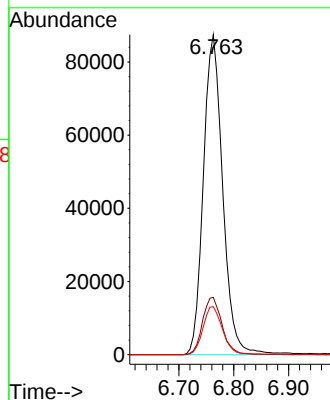
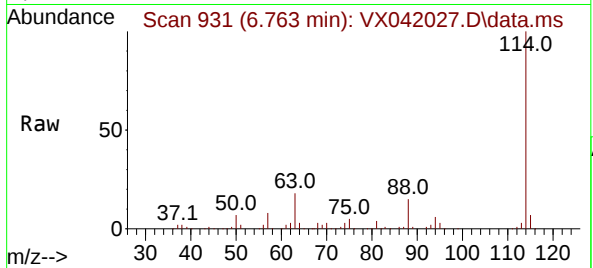




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

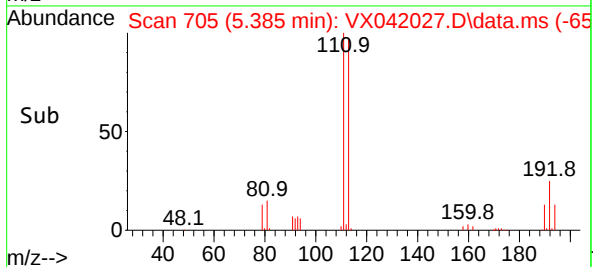
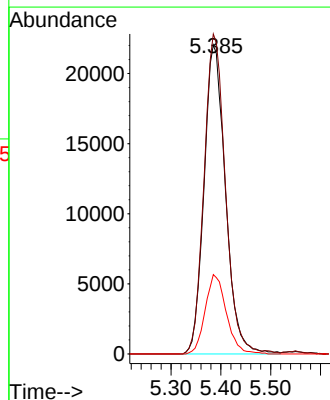
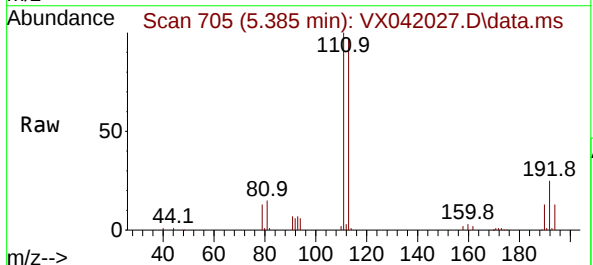
Instrument :
MSVOA_X
ClientSampleId :
8AB

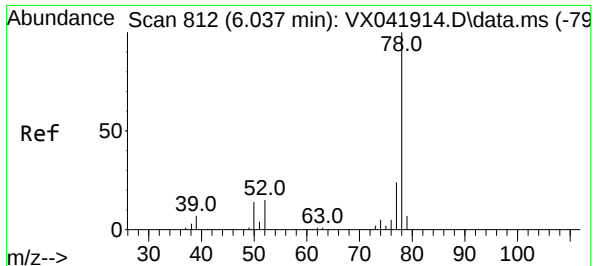
Tgt Ion:114 Resp: 213774
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.0 0.0 36.6



#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

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#

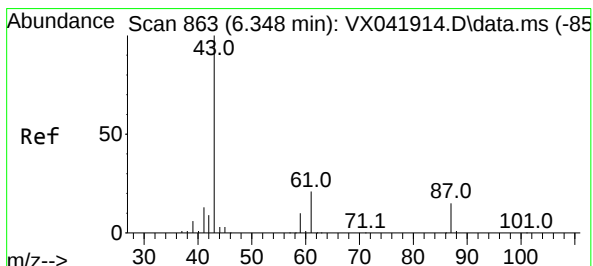
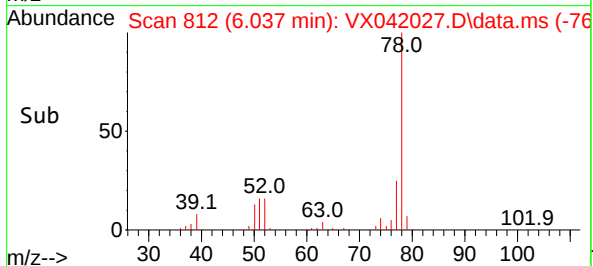
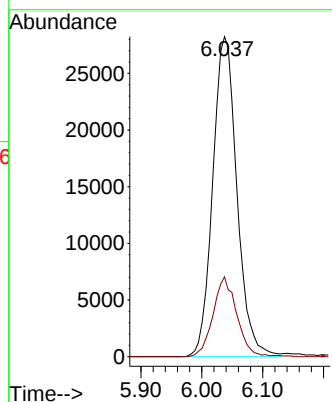
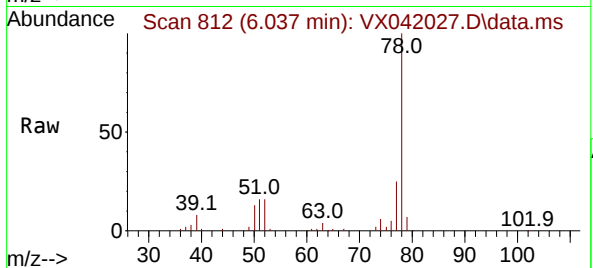




#40
Benzene
Concen: 14.346 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

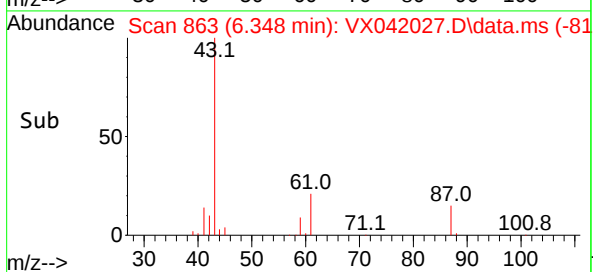
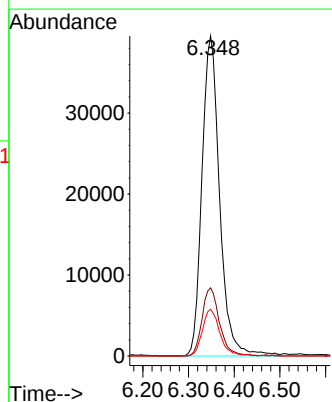
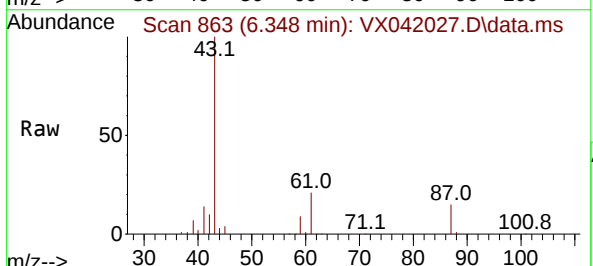
Instrument :
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ClientSampleId :
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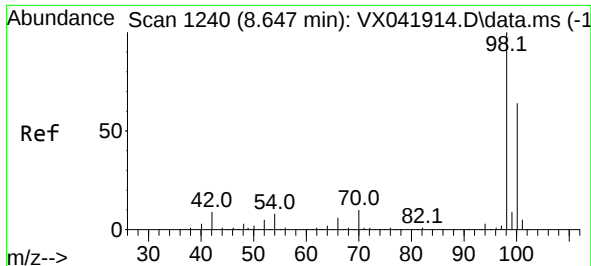
Tgt Ion: 78 Resp: 77936
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9



#43
Isopropyl Acetate
Concen: 32.879 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

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

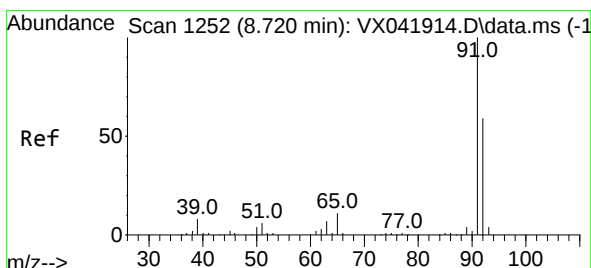
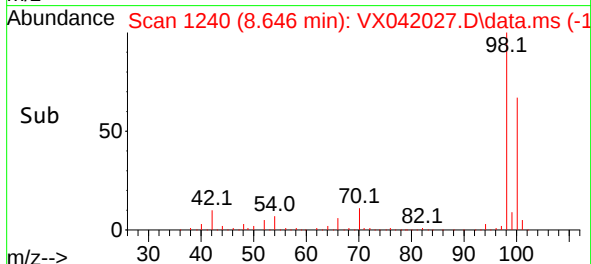
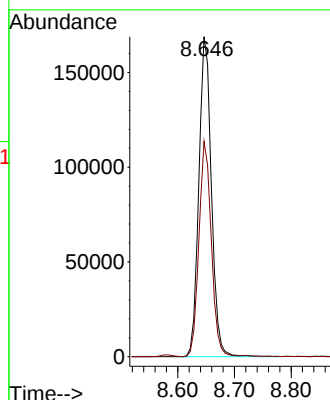
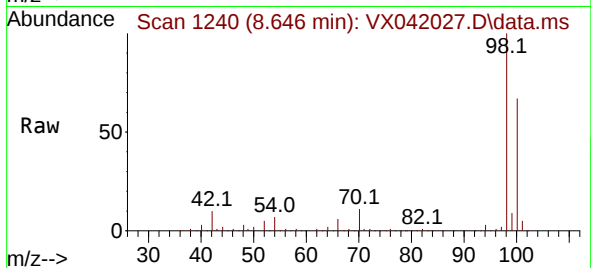




#50
Toluene-d8
Concen: 48.687 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

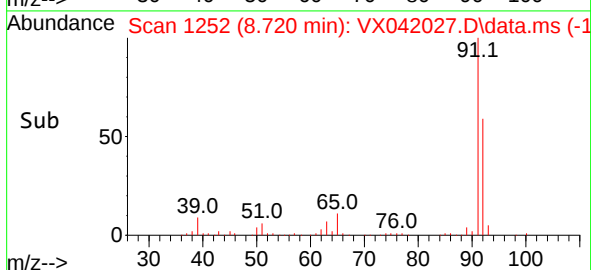
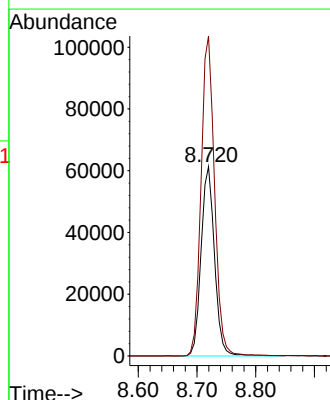
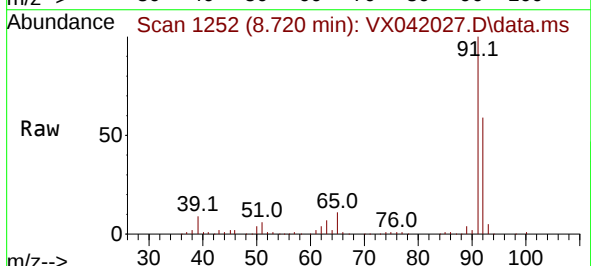
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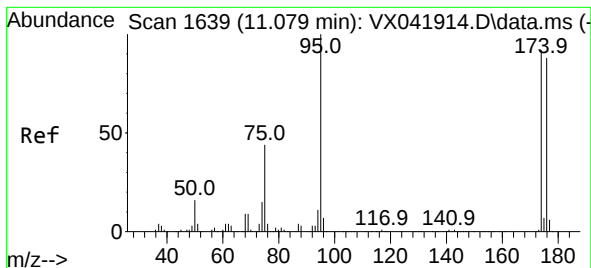
Tgt Ion: 98 Resp: 259439
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#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

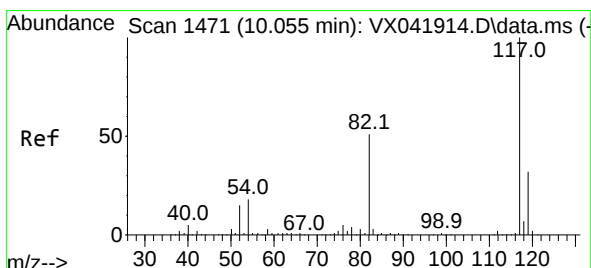
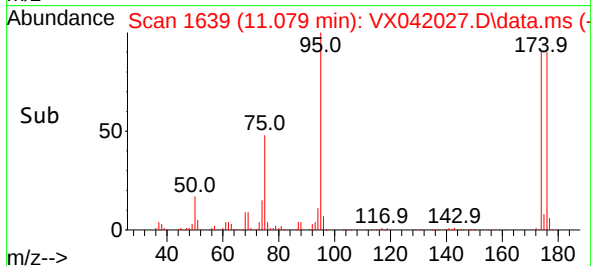
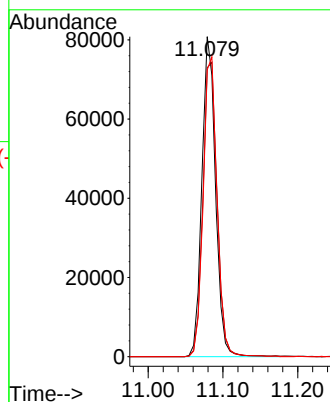
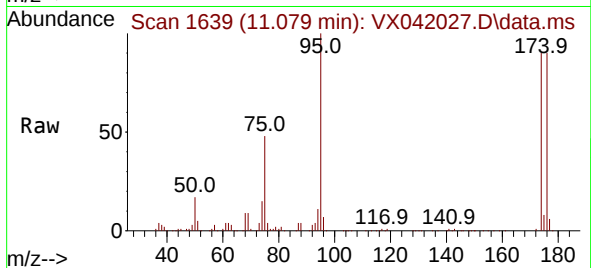




#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042027.D
Acq: 25 Jun 2024 13:12

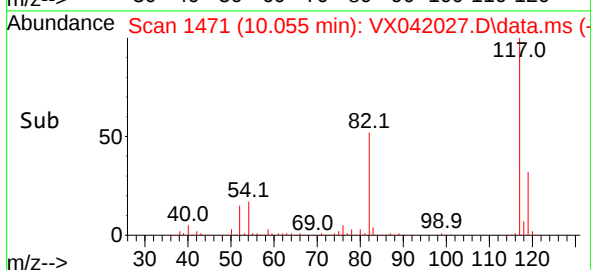
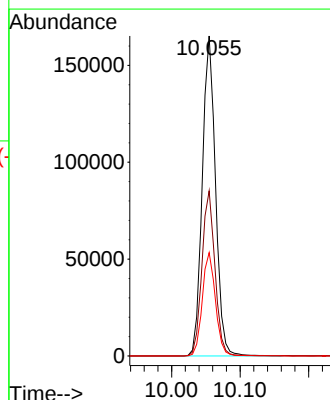
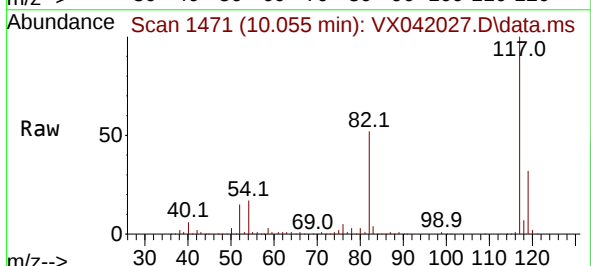
Instrument :
MSVOA_X
ClientSampleId :
8AB

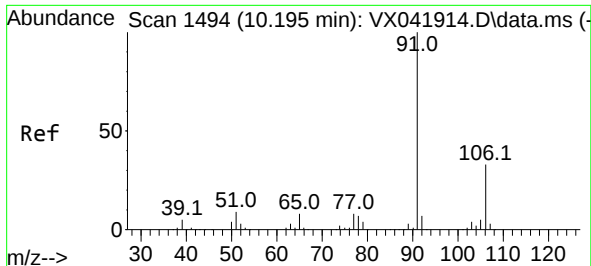
Tgt Ion: 95 Resp: 102178
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 95.3 0.0 131.0



#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

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

Instrument :

MSVOA_X

ClientSampleId :

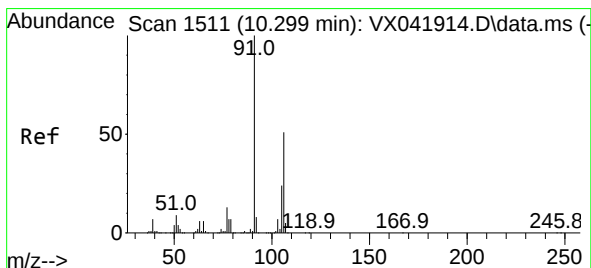
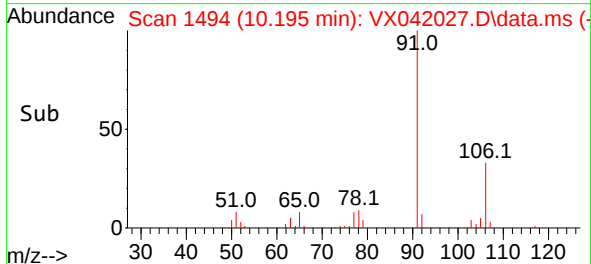
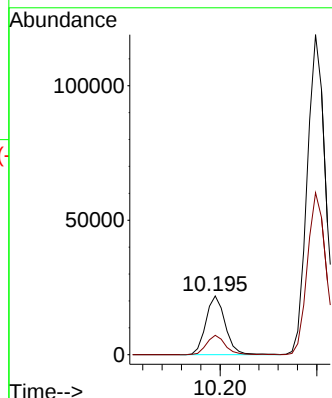
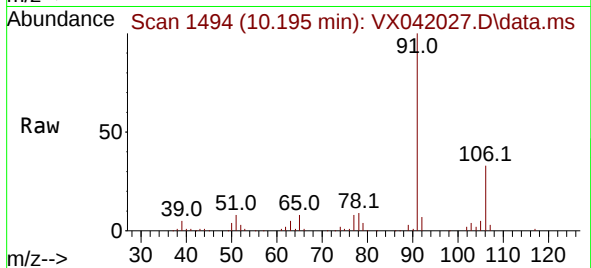
8AB

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

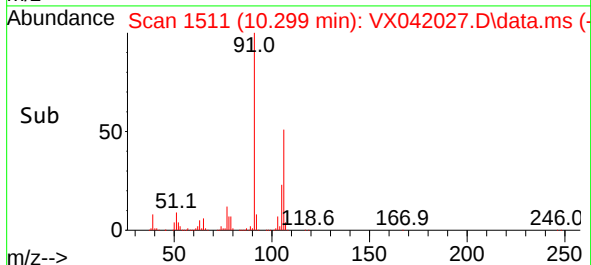
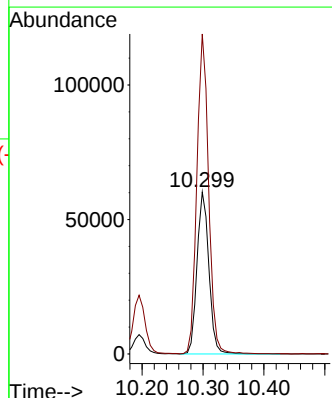
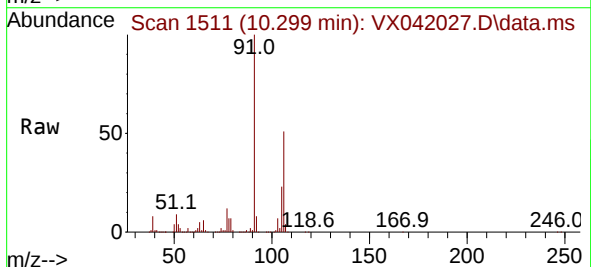
Acq: 25 Jun 2024 13:12

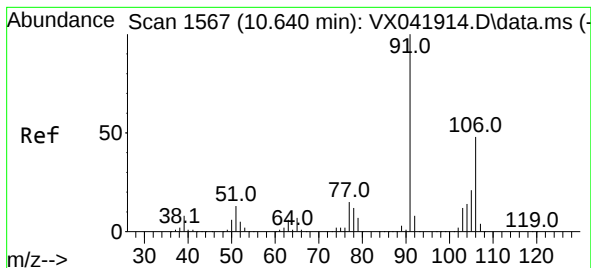
Tgt Ion: 106 Resp: 81218

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

Instrument :

MSVOA_X

ClientSampleId :

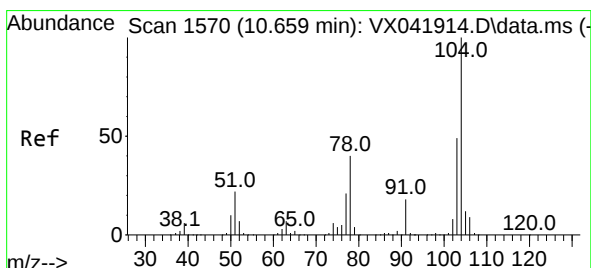
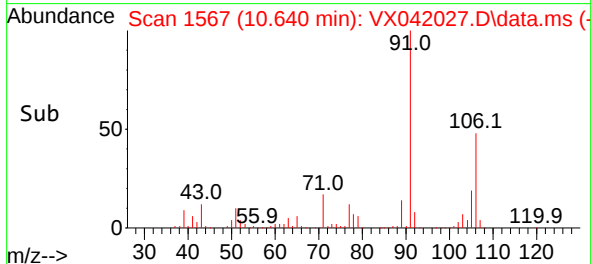
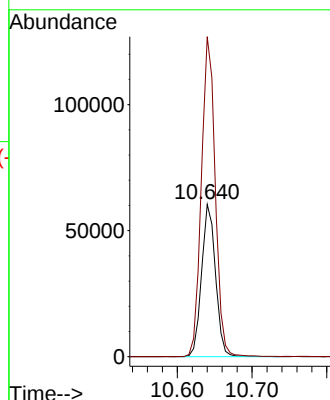
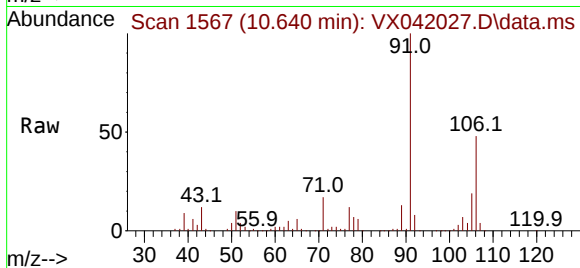
8AB

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# 1570

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

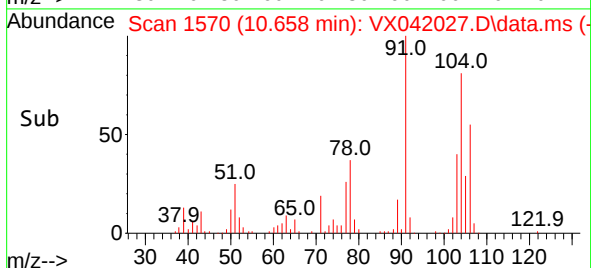
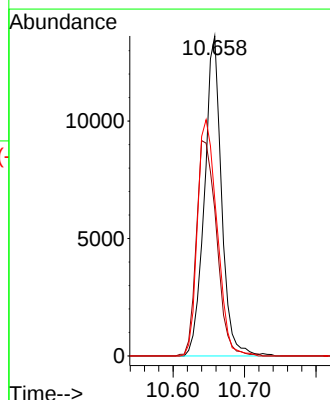
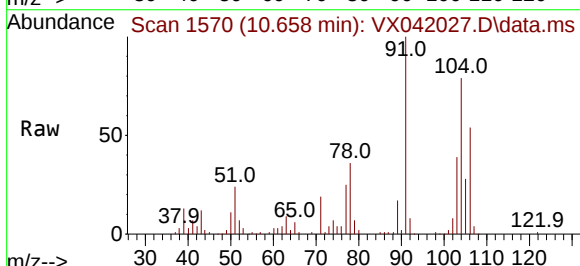
Tgt Ion:104 Resp: 22579

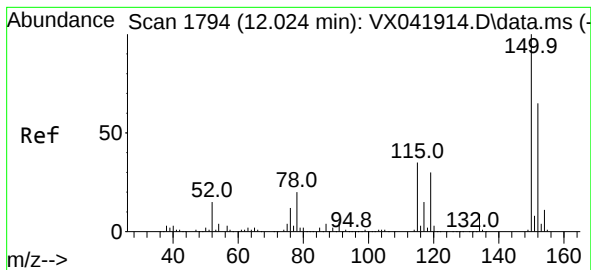
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

8AB

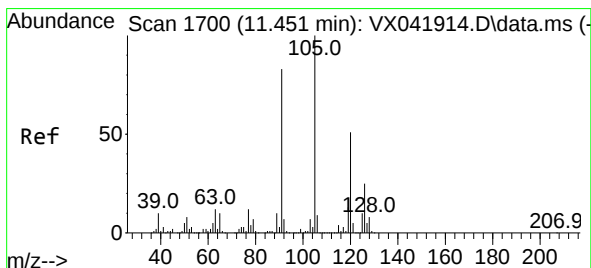
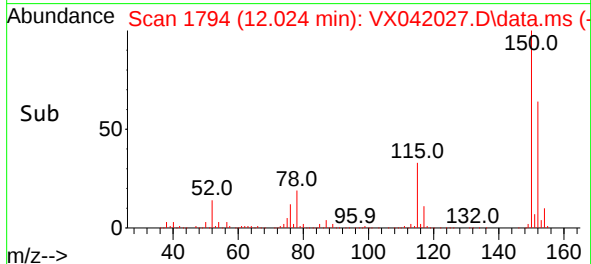
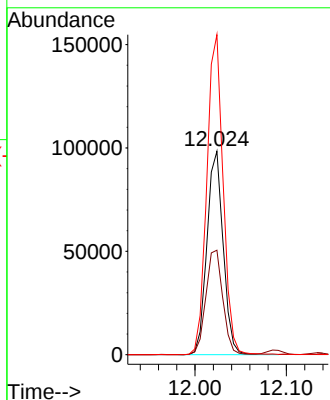
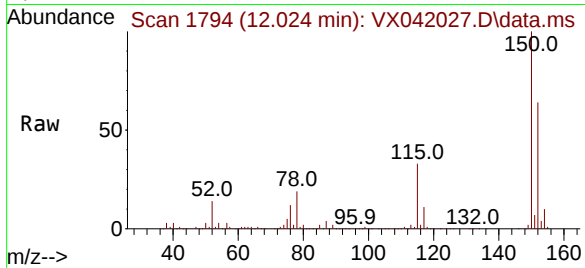
Tgt Ion:152 Resp: 121116

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 158.2 0.0 345.0



#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

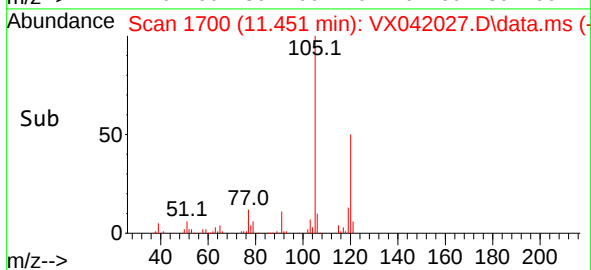
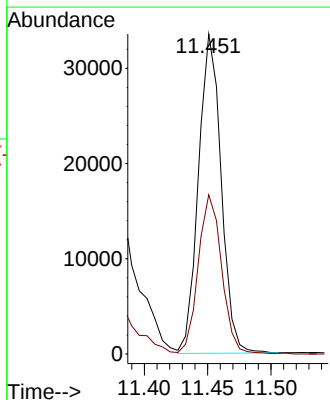
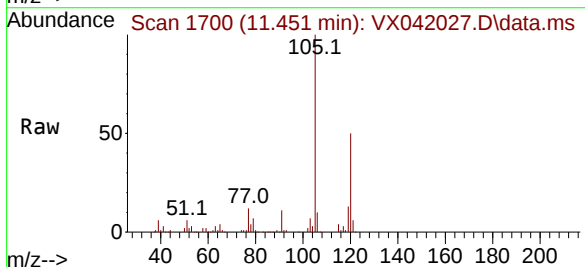
Acq: 25 Jun 2024 13:12

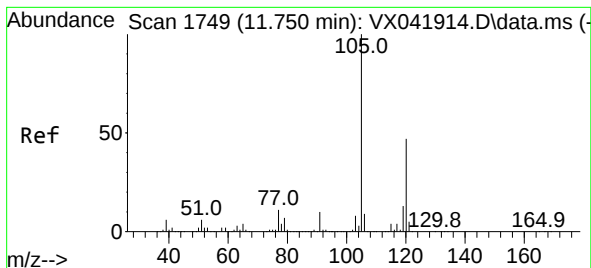
Tgt Ion:105 Resp: 41866

Ion Ratio Lower Upper

105 100

120 51.6 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 18.037 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042027.D

Acq: 25 Jun 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

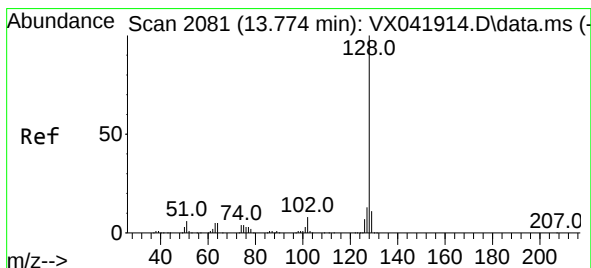
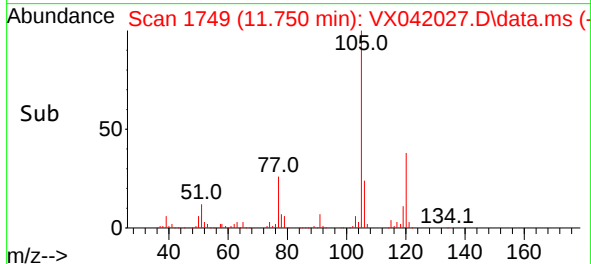
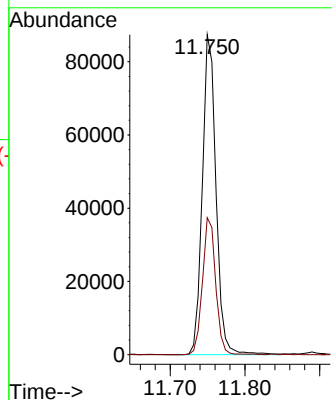
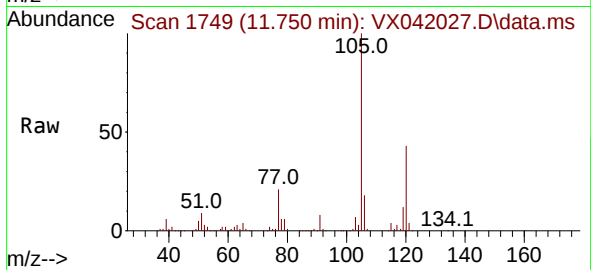
8AB

Tgt Ion:105 Resp: 110999

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6



#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

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

