

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042028.D
 Acq On : 25 Jun 2024 13:36
 Operator : JC/MD
 Sample : P3045-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 9AB

Quant Time: Jun 26 05:37:06 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)

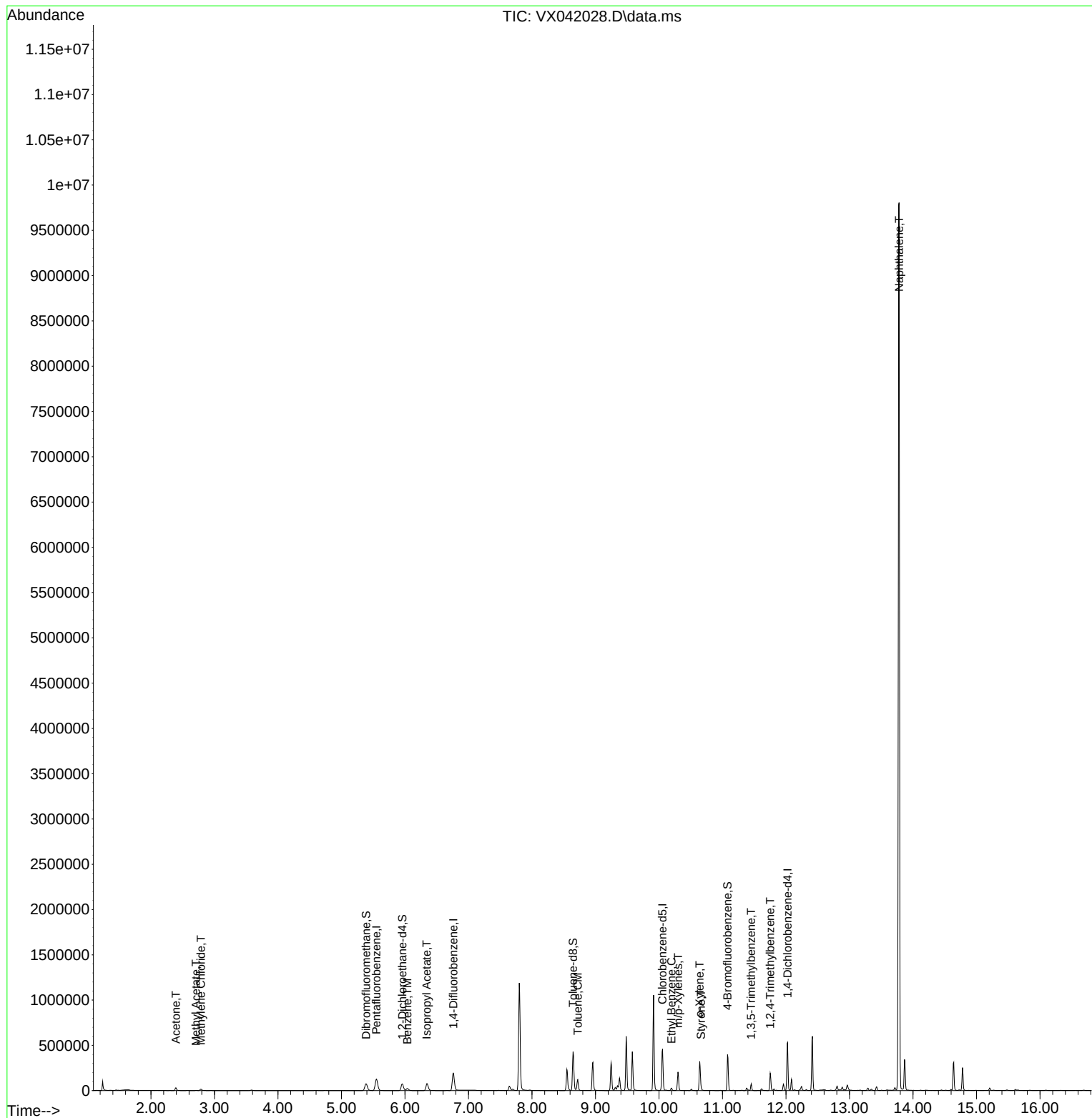
Internal Standards						
1) Pentafluorobenzene	5.550	168	141829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71682	43.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.660%
35) Dibromofluoromethane	5.385	113	68784	43.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.840%
50) Toluene-d8	8.647	98	265815	48.318	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	105301	51.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	35239	49.070	ug/l	# 86
18) Methyl Acetate	2.709	43	3342	1.706	ug/l	99
20) Methylene Chloride	2.788	84	9420	5.991	ug/l	85
40) Benzene	6.038	78	29602	5.278	ug/l	99
43) Isopropyl Acetate	6.342	43	108946	32.765	ug/l	94
52) Toluene	8.720	92	46776	13.097	ug/l	98
67) Ethyl Benzene	10.195	91	16408	2.223	ug/l	100
68) m/p-Xylenes	10.299	106	48694	16.341	ug/l	90
69) o-Xylene	10.640	106	52820	17.904	ug/l	92
70) Styrene	10.659	104	15178	3.068	ug/l	# 59
80) 1,3,5-Trimethylbenzene	11.451	105	32622	5.003	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	82534	12.617	ug/l	99
95) Naphthalene	13.780	128	6252774	668.027	ug/l	95

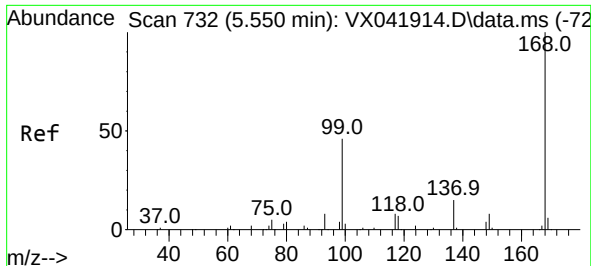
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
Data File : VX042028.D
Acq On : 25 Jun 2024 13:36
Operator : JC/MD
Sample : P3045-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
9AB

Quant Time: Jun 26 05:37:06 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

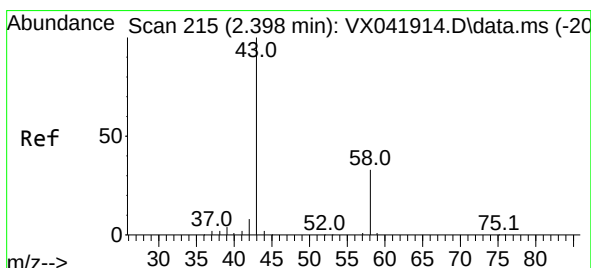
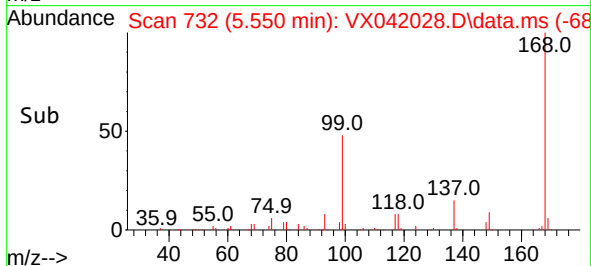
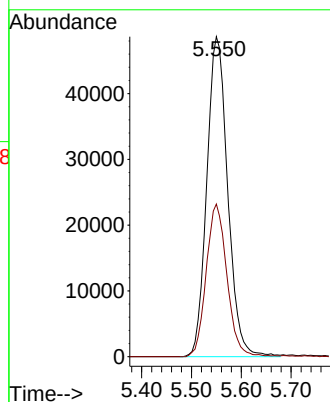
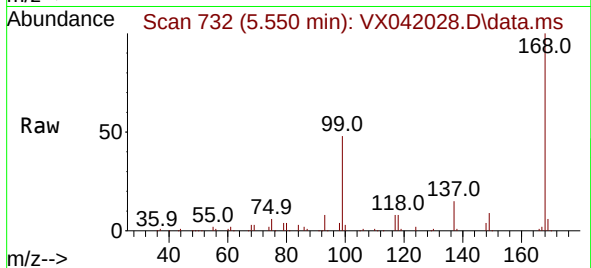




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

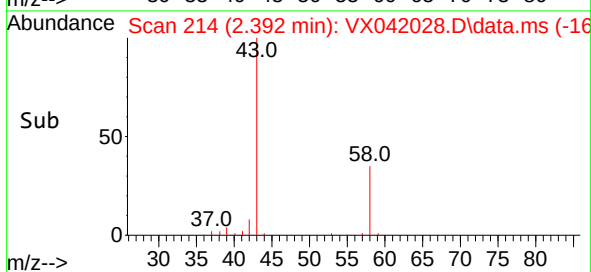
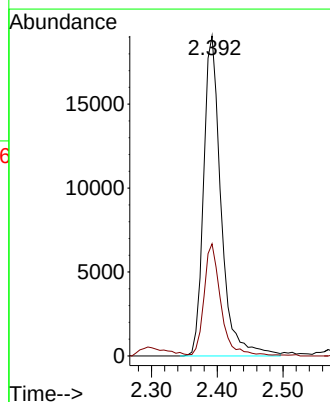
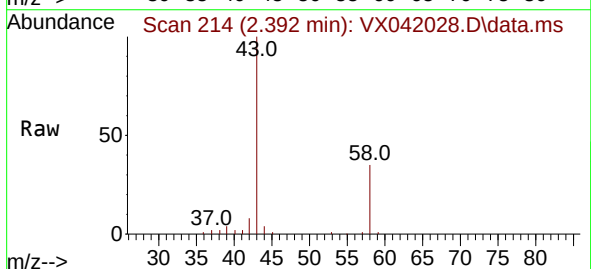
Instrument :
MSVOA_X
ClientSampleId :
9AB

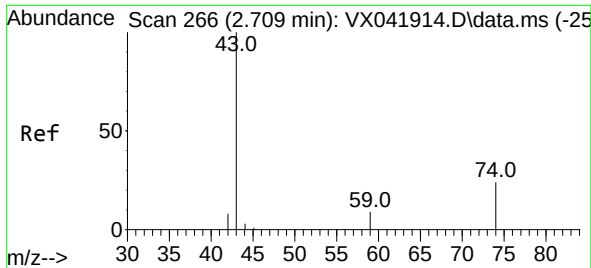
Tgt Ion:168 Resp: 141829
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#16
Acetone
Concen: 49.070 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion: 43 Resp: 35239
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#

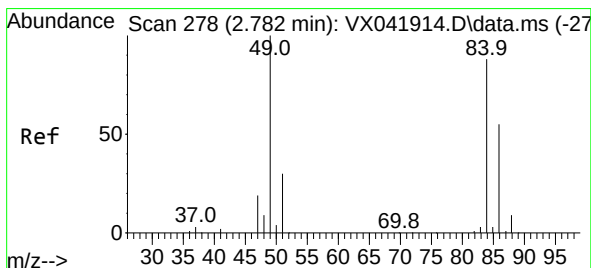
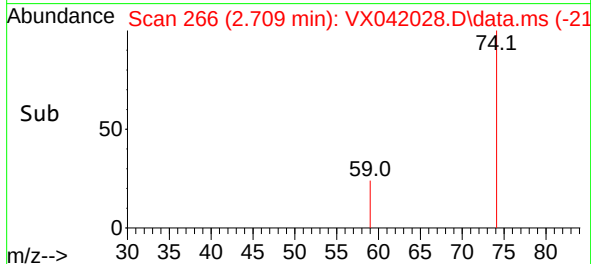
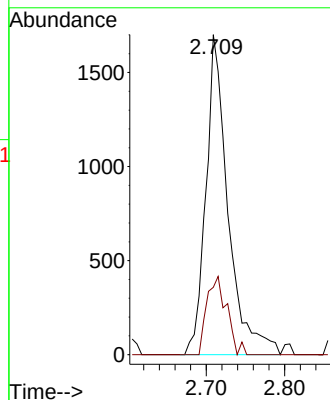
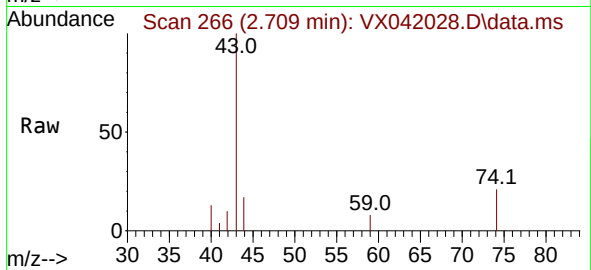




#18
Methyl Acetate
Concen: 1.706 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

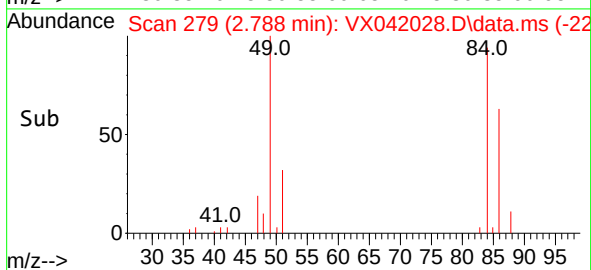
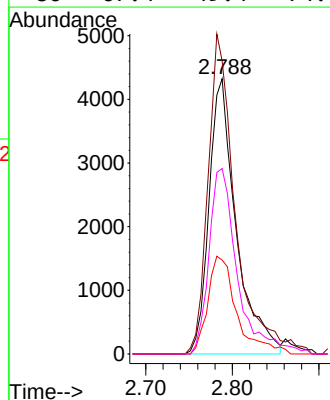
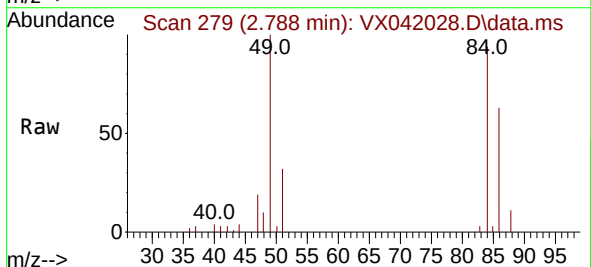
Instrument :
MSVOA_X
ClientSampleId :
9AB

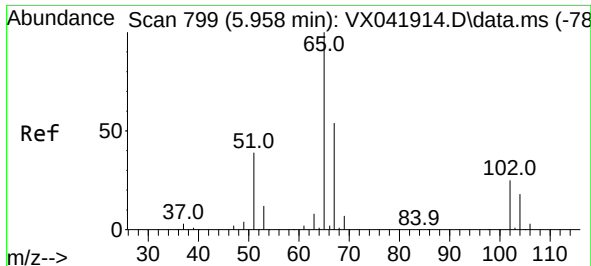
Tgt Ion: 43 Resp: 3342
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 5.991 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion: 84 Resp: 9420
Ion Ratio Lower Upper
84 100
49 106.5 103.6 155.4
51 34.1 33.8 50.6
86 67.4 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 43.830 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042028.D

Acq: 25 Jun 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

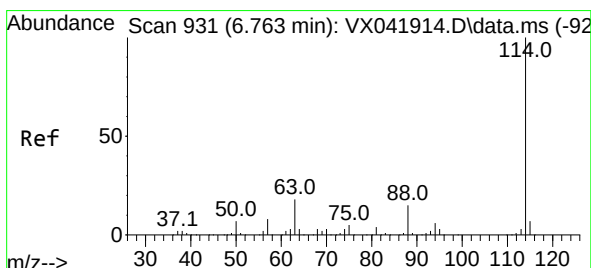
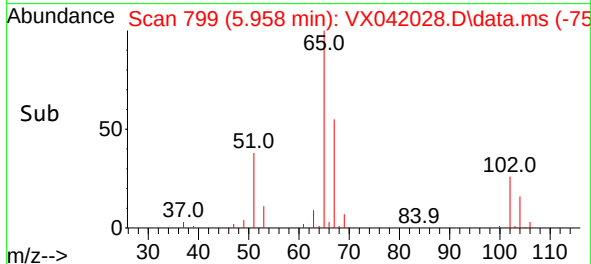
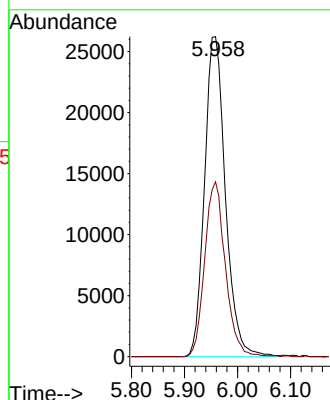
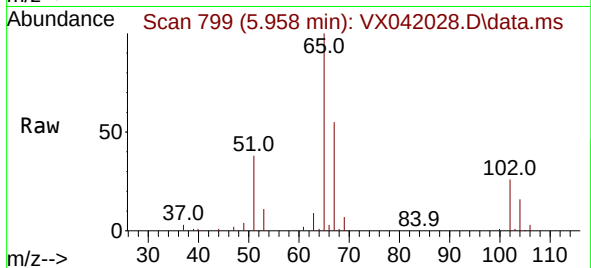
9AB

Tgt Ion: 65 Resp: 71682

Ion Ratio Lower Upper

65 100

67 54.1 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: VX042028.D

Acq: 25 Jun 2024 13:36

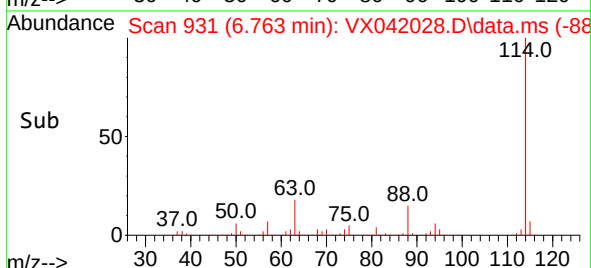
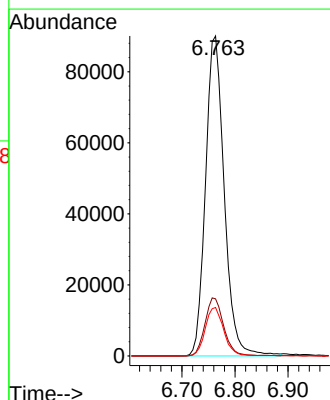
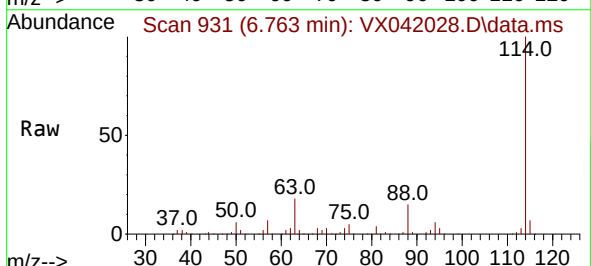
Tgt Ion: 114 Resp: 220700

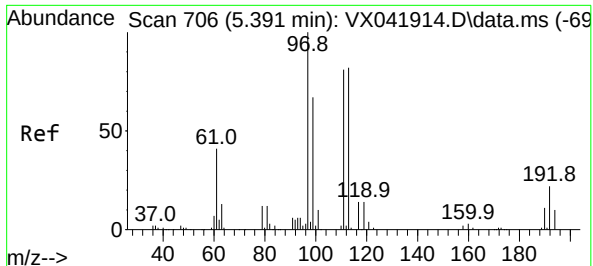
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.1 0.0 36.6



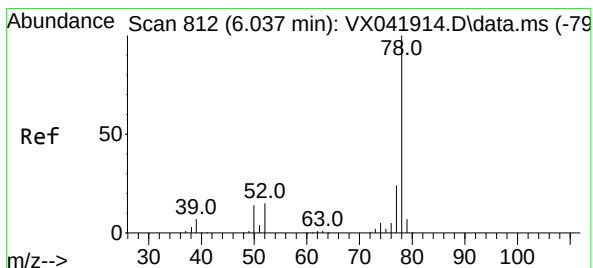
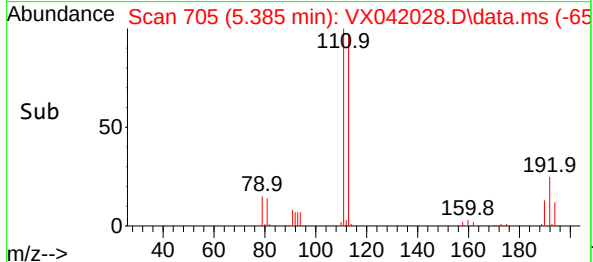
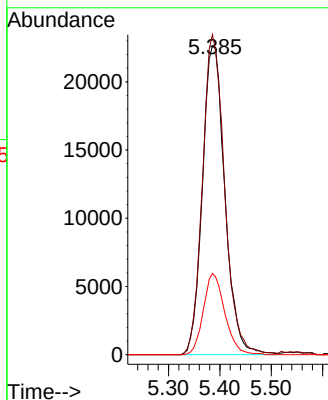
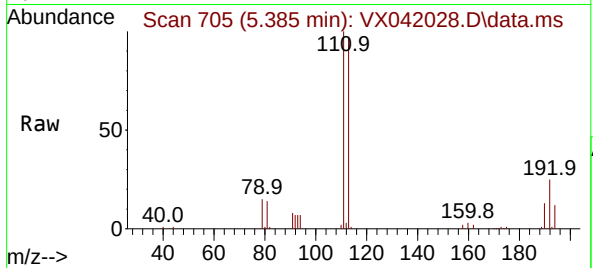


#35
 Dibromofluoromethane
 Concen: 43.924 ug/l
 RT: 5.385 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VX042028.D
 Acq: 25 Jun 2024 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 9AB

Tgt Ion:113 Resp: 68784

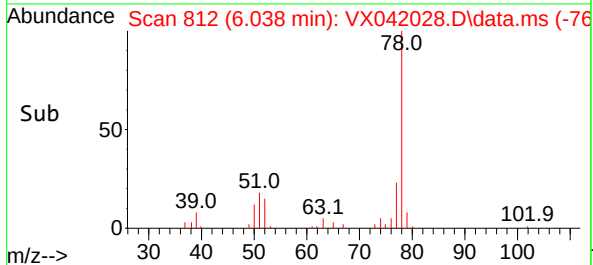
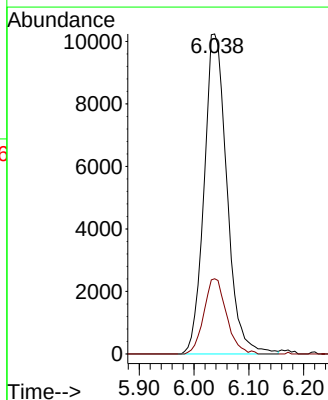
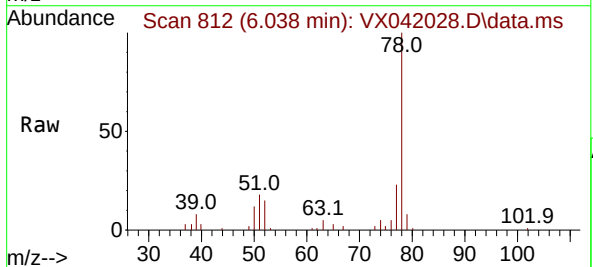
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	25.0	13.3	19.9

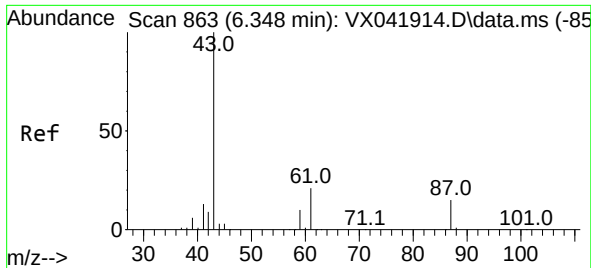


#40
 Benzene
 Concen: 5.278 ug/l
 RT: 6.038 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VX042028.D
 Acq: 25 Jun 2024 13:36

Tgt Ion: 78 Resp: 29602

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

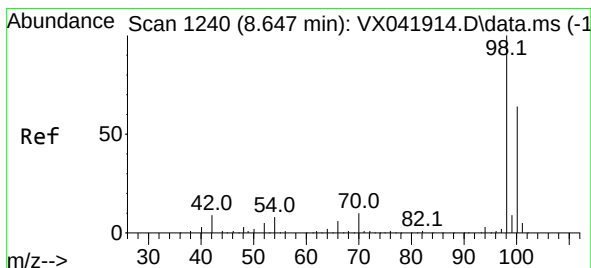
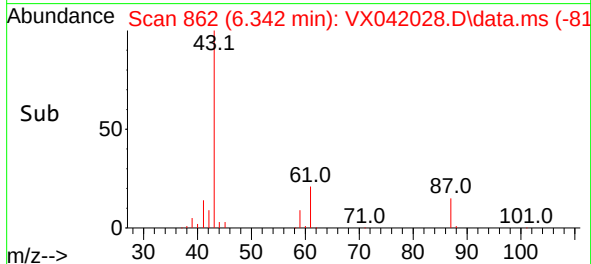
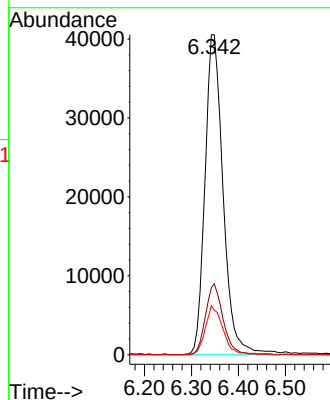
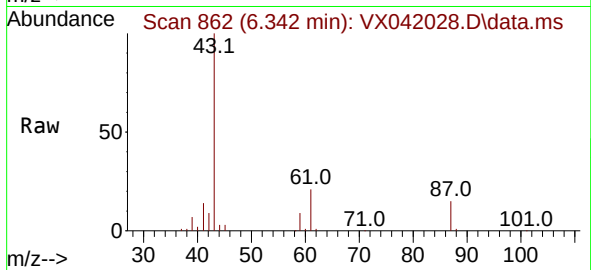




#43
Isopropyl Acetate
Concen: 32.765 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

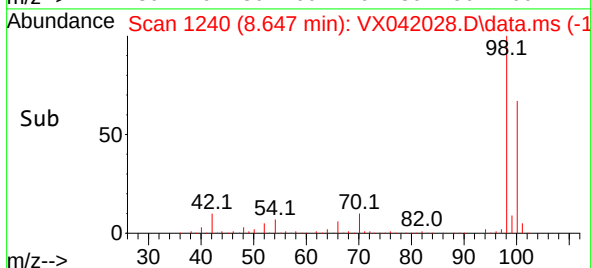
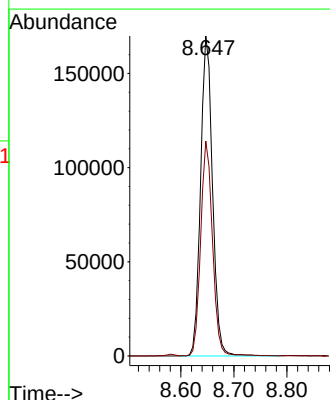
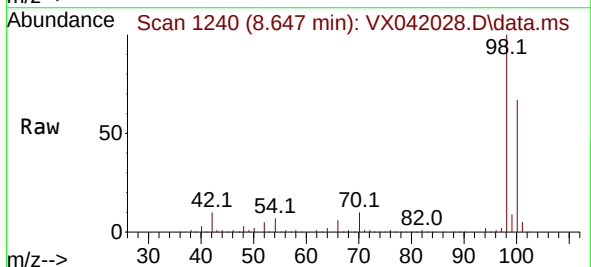
Instrument :
MSVOA_X
ClientSampleId :
9AB

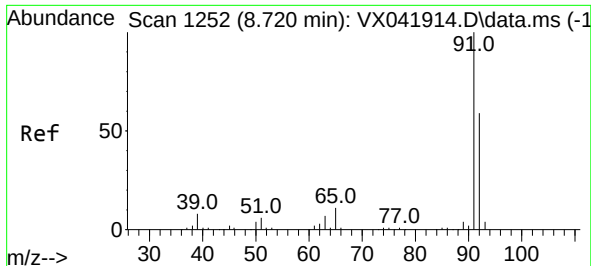
Tgt Ion: 43 Resp: 108946
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 14.6 9.8 14.6



#50
Toluene-d8
Concen: 48.318 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion: 98 Resp: 265815
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

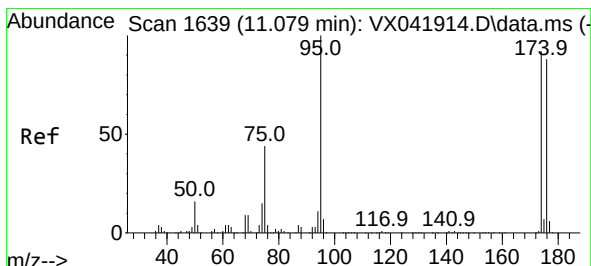
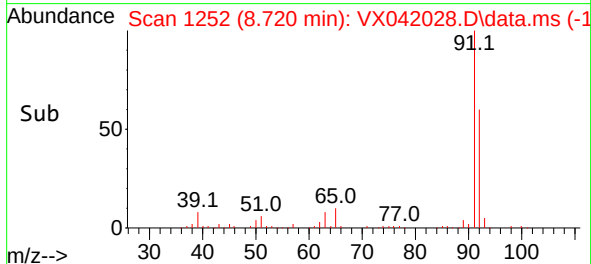
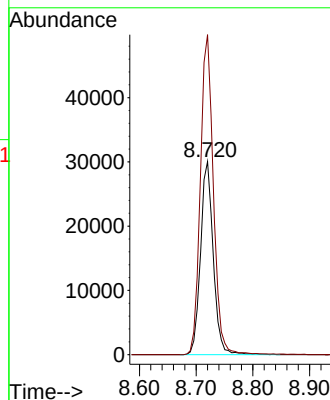
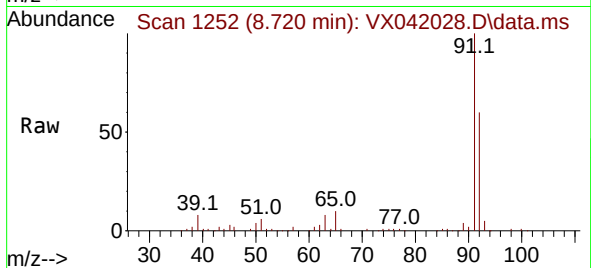




#52
Toluene
Concen: 13.097 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

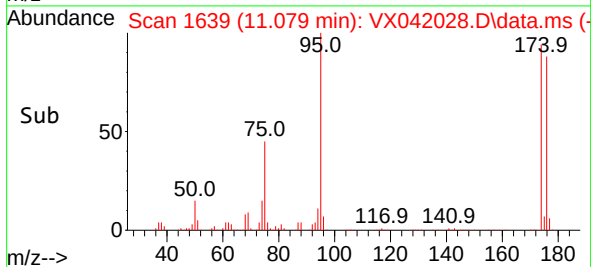
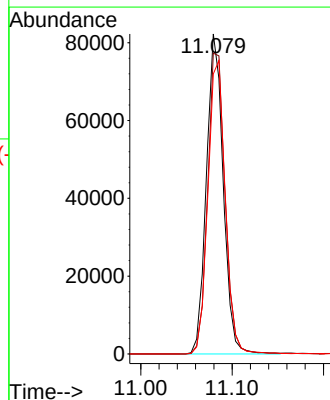
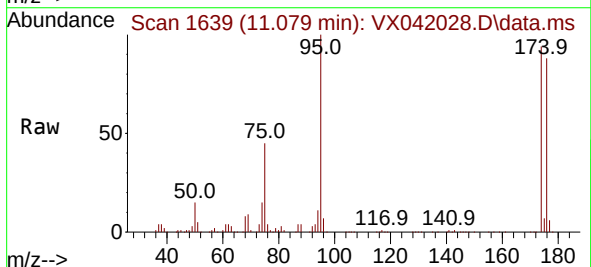
Instrument :
MSVOA_X
ClientSampleId :
9AB

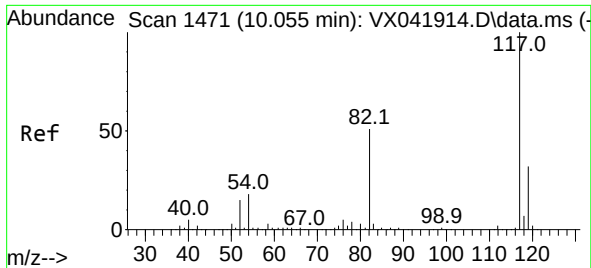
Tgt Ion: 92 Resp: 46776
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion: 95 Resp: 105301
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.6 0.0 131.0

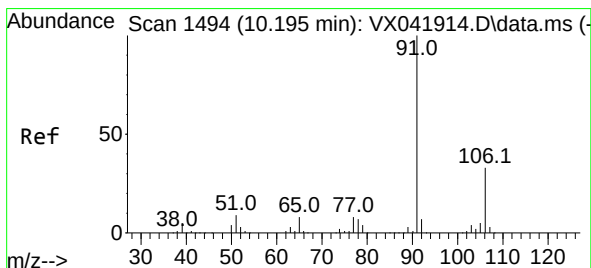
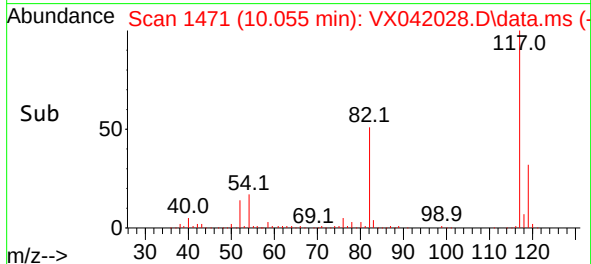
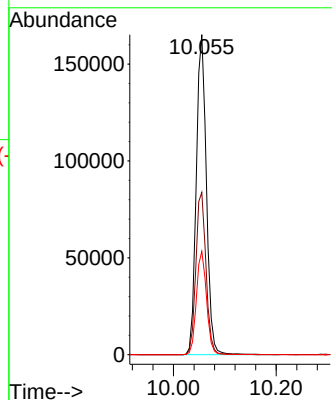
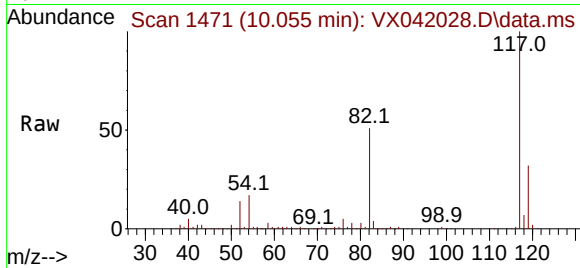




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

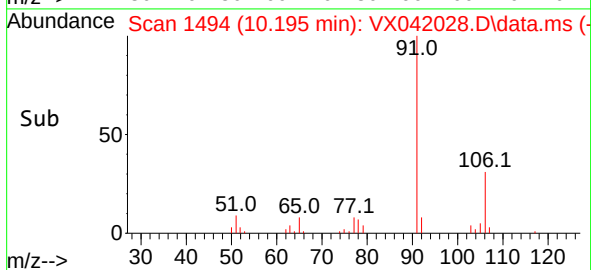
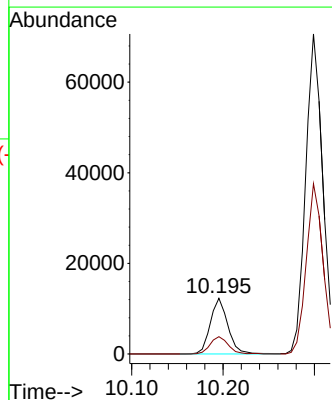
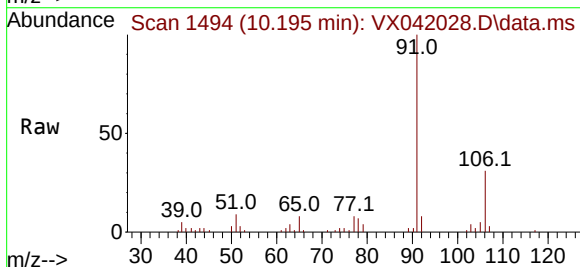
Instrument :
MSVOA_X
ClientSampleId :
9AB

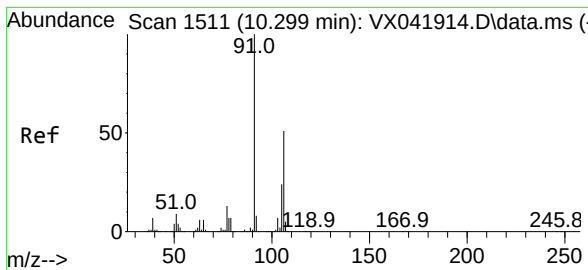
Tgt Ion:117 Resp: 226479
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 2.223 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion: 91 Resp: 16408
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

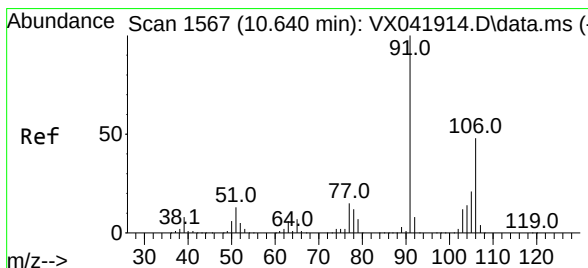
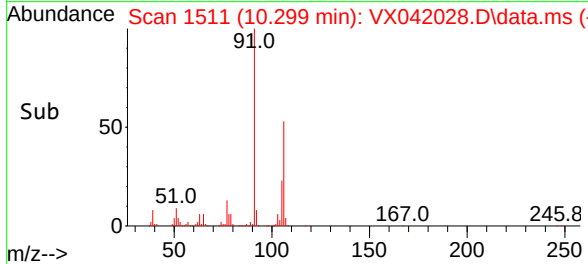
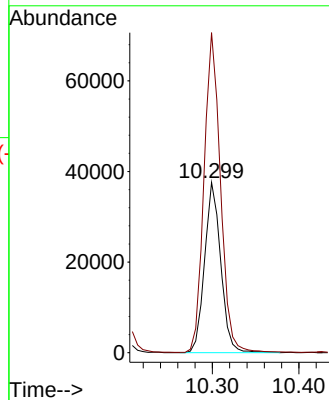
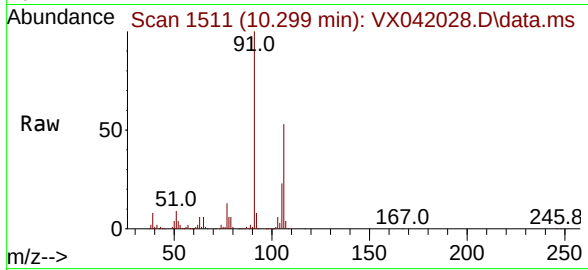




#68
m/p-Xylenes
Concen: 16.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

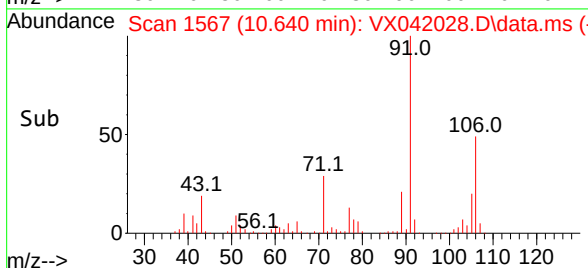
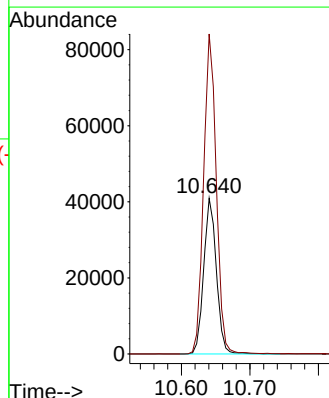
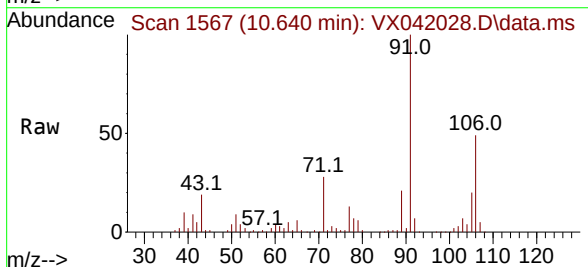
Instrument :
MSVOA_X
ClientSampleId :
9AB

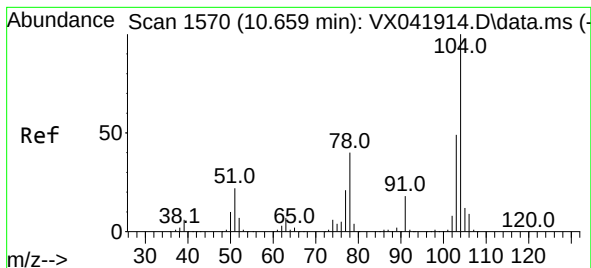
Tgt Ion:106 Resp: 48694
Ion Ratio Lower Upper
106 100
91 191.5 165.5 248.3



#69
o-Xylene
Concen: 17.904 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Tgt Ion:106 Resp: 52820
Ion Ratio Lower Upper
106 100
91 205.6 108.9 326.8





#70

Styrene

Concen: 3.068 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042028.D

Acq: 25 Jun 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

9AB

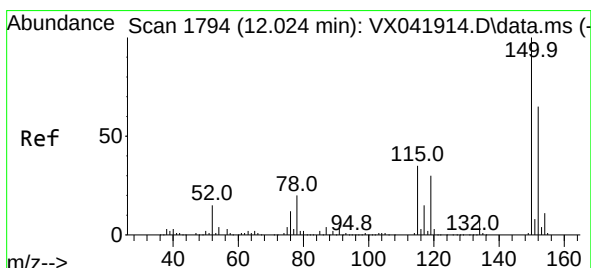
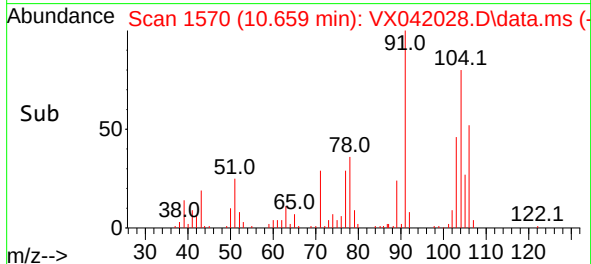
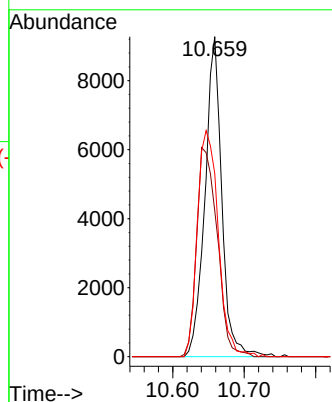
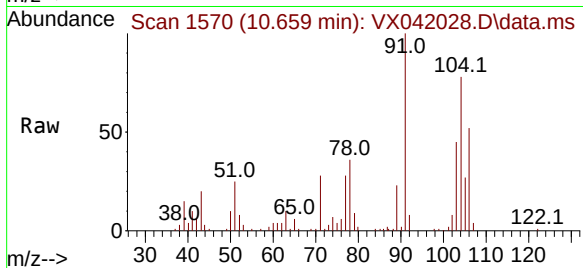
Tgt Ion:104 Resp: 15178

Ion Ratio Lower Upper

104 100

78 79.9 43.6 65.4#

103 87.8 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: VX042028.D

Acq: 25 Jun 2024 13:36

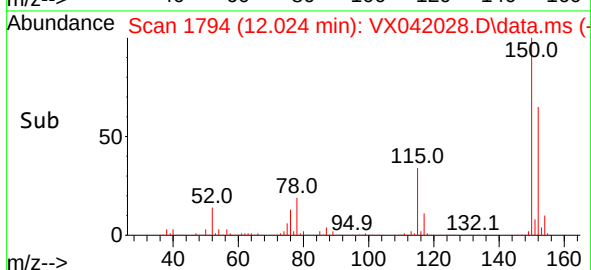
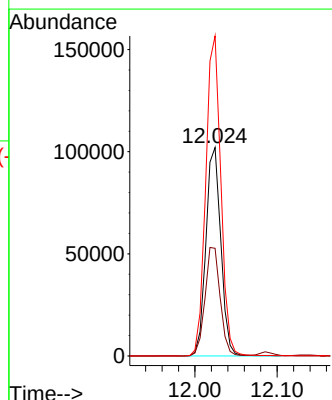
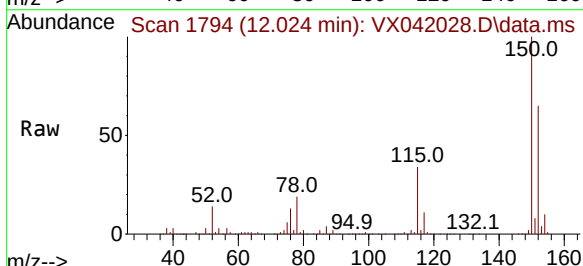
Tgt Ion:152 Resp: 128744

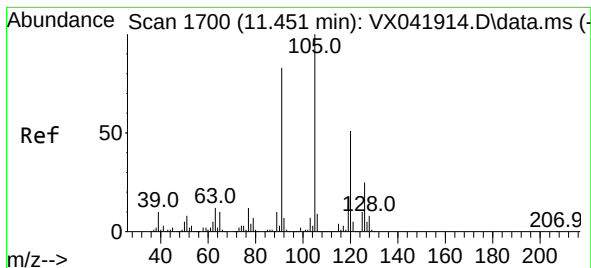
Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 155.3 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 5.003 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042028.D

Acq: 25 Jun 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

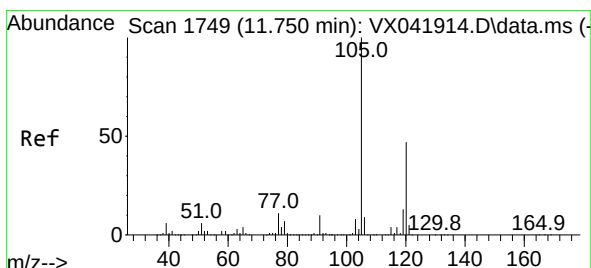
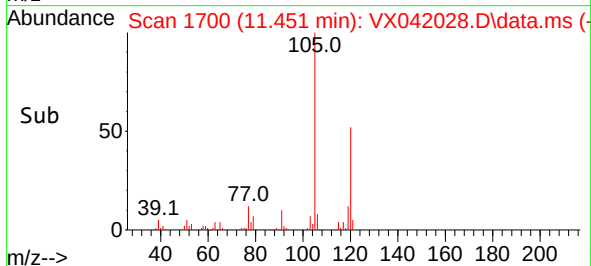
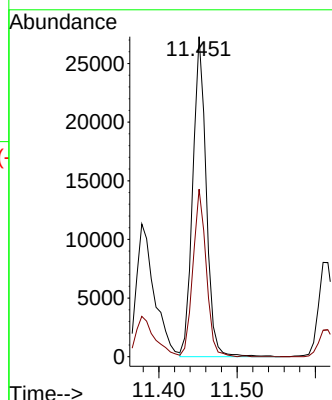
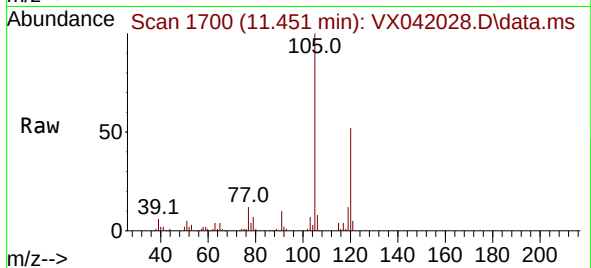
9AB

Tgt Ion:105 Resp: 32622

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 12.617 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042028.D

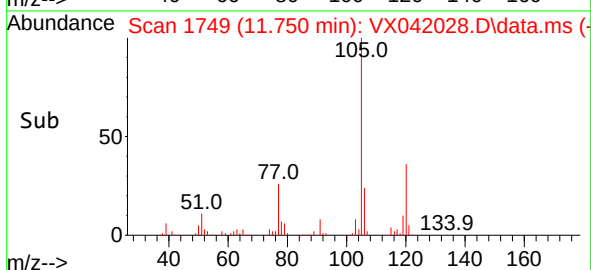
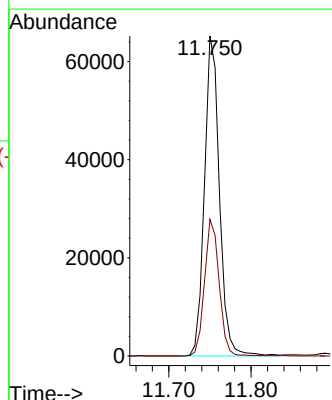
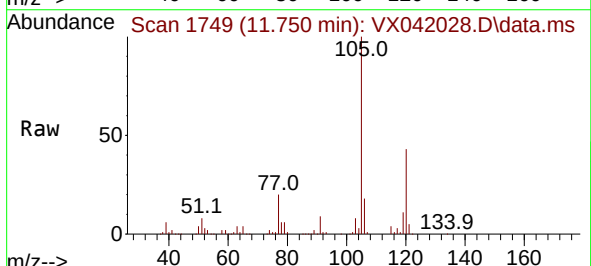
Acq: 25 Jun 2024 13:36

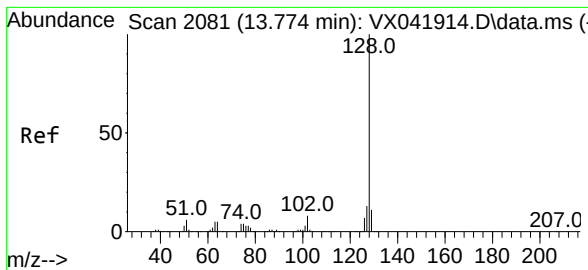
Tgt Ion:105 Resp: 82534

Ion Ratio Lower Upper

105 100

120 41.7 21.2 63.6





#95
Naphthalene
Concen: 668.027 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042028.D
Acq: 25 Jun 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion:128 Resp: 6252774
Ion Ratio Lower Upper
128 100
127 15.0 10.3 15.5
129 13.0 8.8 13.2

