

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041727.D
 Acq On : 04 Jun 2024 11:58
 Operator : JC/MD
 Sample : P2657-18
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5-AB-VOC

Quant Time: Jun 04 12:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

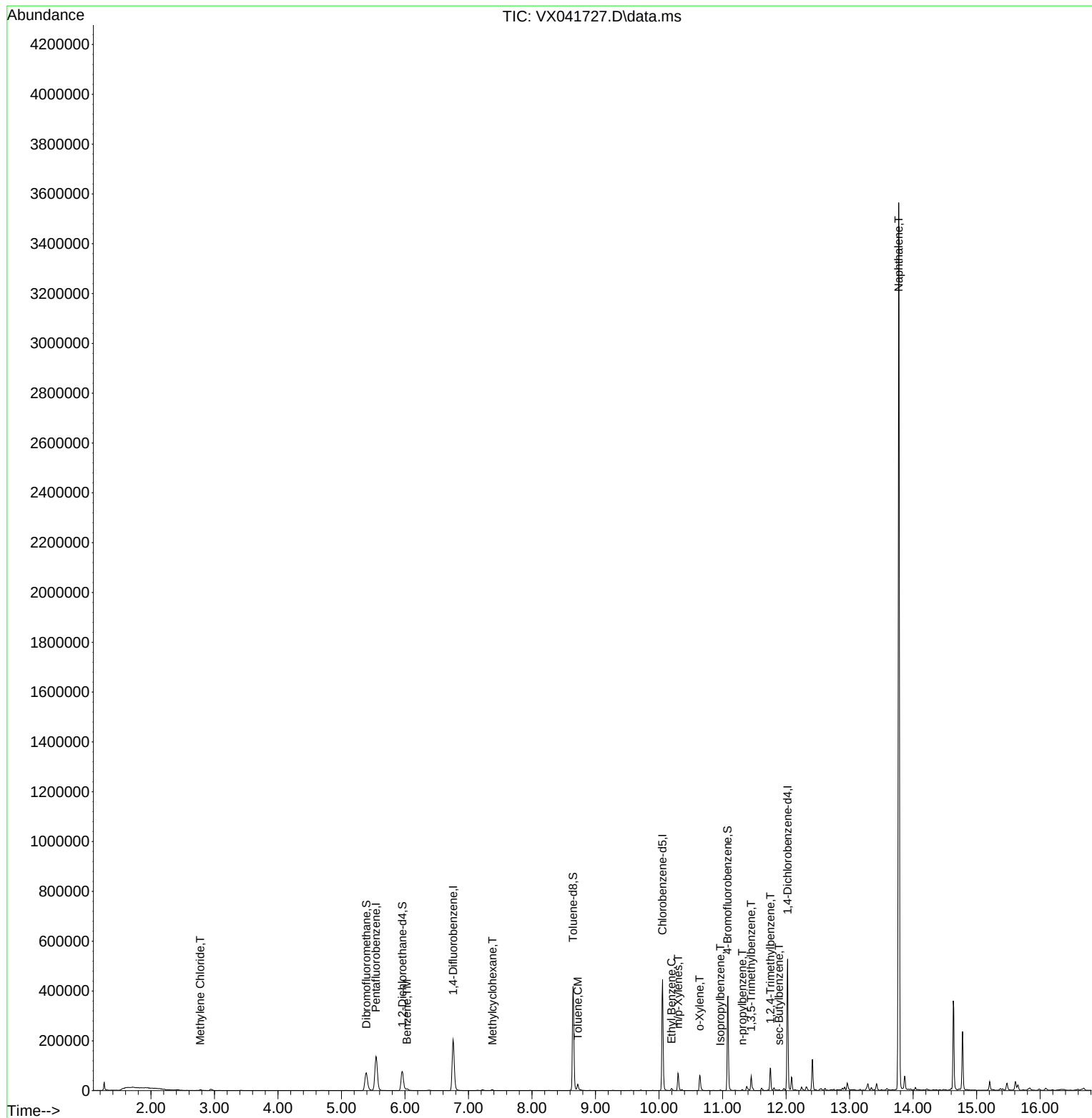
Internal Standards						
1) Pentafluorobenzene	5.543	168	142957	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81526	46.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.391	113	64094	42.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.160%
50) Toluene-d8	8.647	98	253652	48.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	96986	49.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.776	84	1926	1.227	ug/l	# 89
39) Methylcyclohexane	7.378	83	1742	0.778	ug/l	# 86
40) Benzene	6.031	78	7303	1.282	ug/l	99
52) Toluene	8.720	92	10108	2.796	ug/l	100
67) Ethyl Benzene	10.195	91	5524	0.772	ug/l	99
68) m/p-Xylenes	10.299	106	17404	6.112	ug/l	91
69) o-Xylene	10.640	106	14046	4.958	ug/l	99
73) Isopropylbenzene	10.963	105	1499	0.211	ug/l	91
78) n-propylbenzene	11.311	91	2816	0.361	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	24713	4.170	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	41651	6.936	ug/l	93
85) sec-Butylbenzene	11.890	105	1484	0.203	ug/l	81
95) Naphthalene	13.774	128	2200313	296.826	ug/l	99

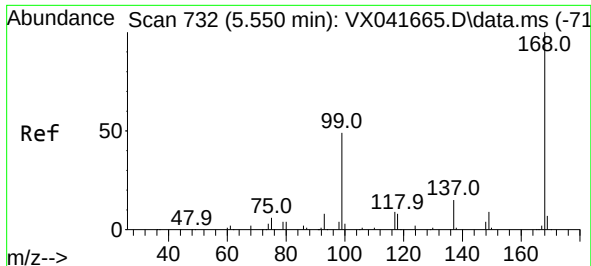
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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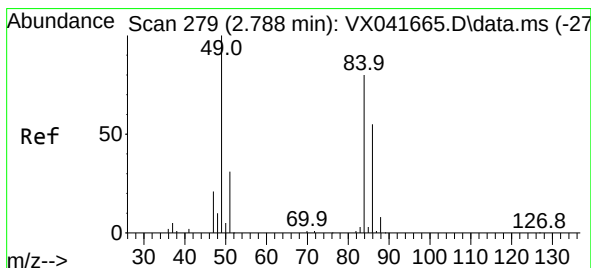
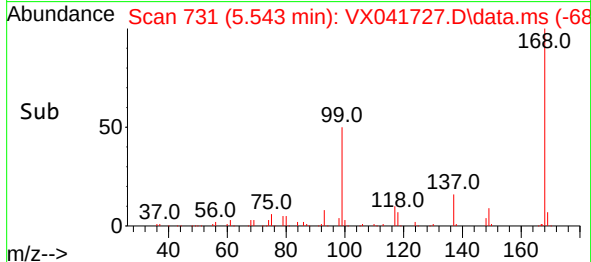
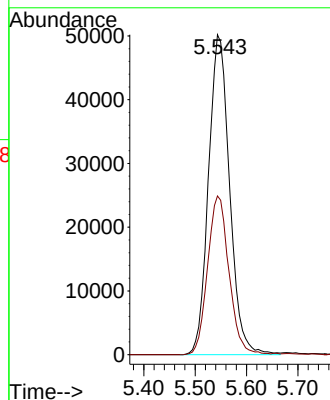
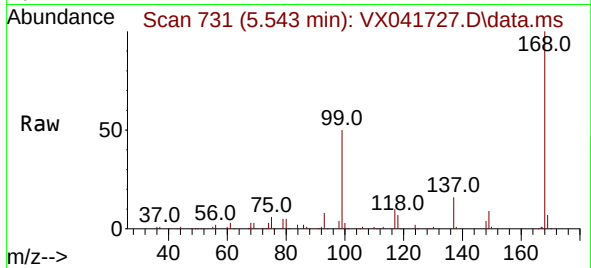




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

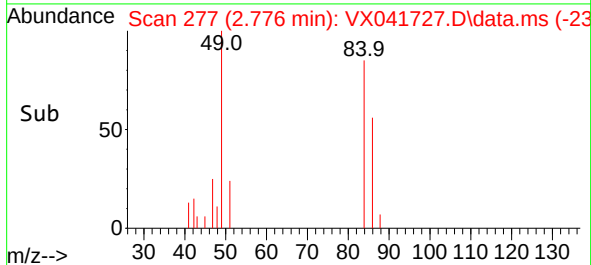
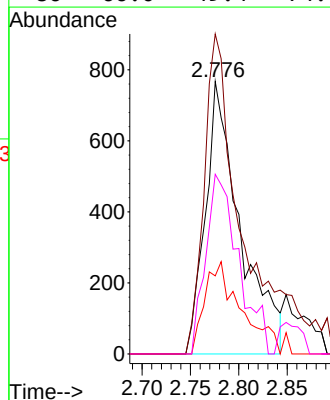
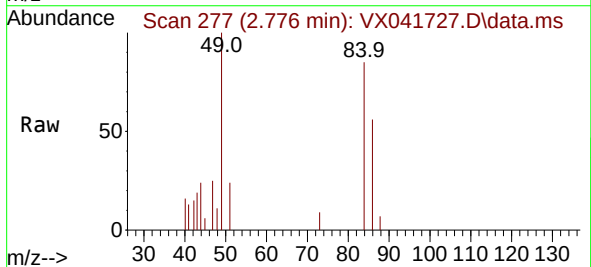
Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC

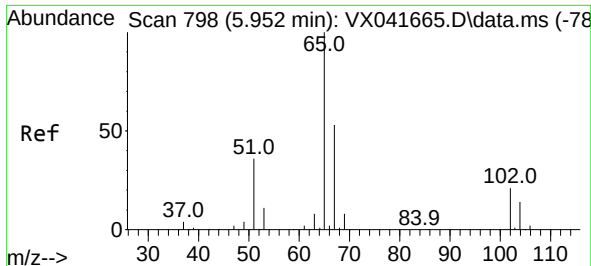
Tgt Ion:168 Resp: 142957
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion: 84 Resp: 1926
Ion Ratio Lower Upper
84 100
49 117.5 103.6 155.4
51 28.7 33.8 50.6#
86 66.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.498 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041727.D

Acq: 04 Jun 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

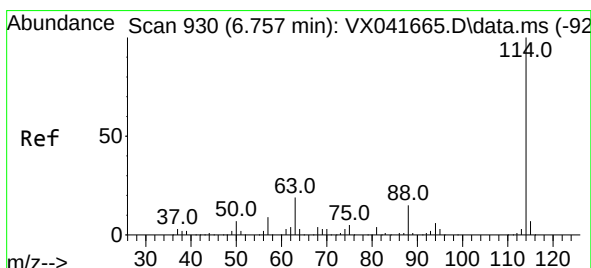
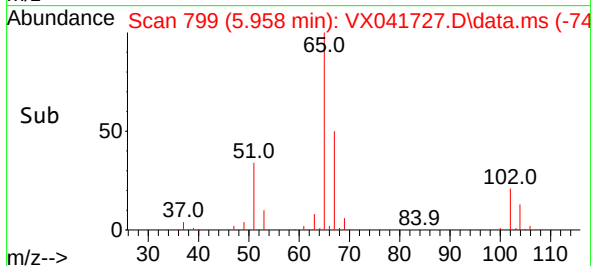
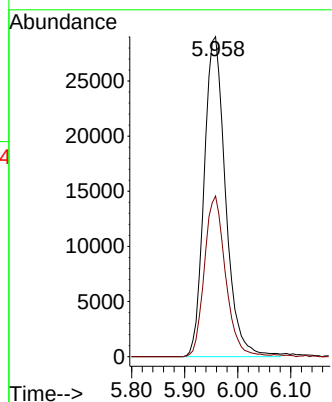
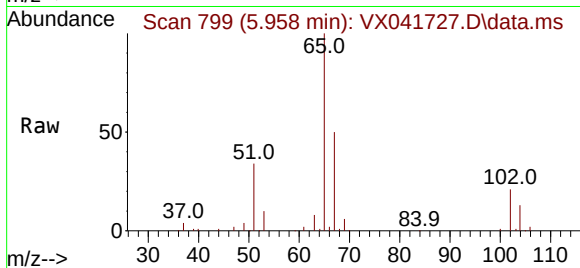
5-AB-VOC

Tgt Ion: 65 Resp: 81526

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041727.D

Acq: 04 Jun 2024 11:58

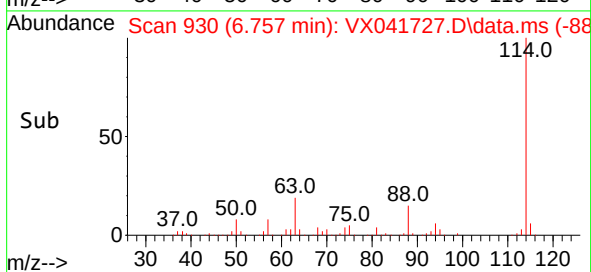
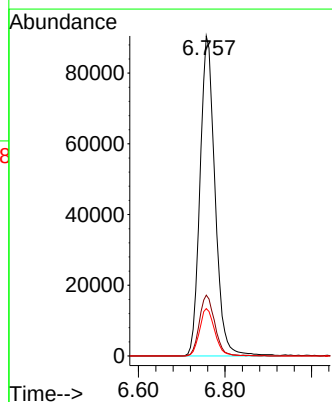
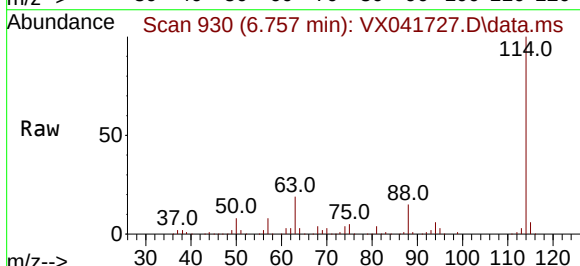
Tgt Ion: 114 Resp: 217710

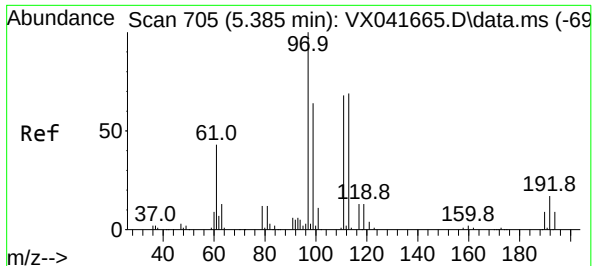
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.581 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041727.D

Acq: 04 Jun 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

5-AB-VOC

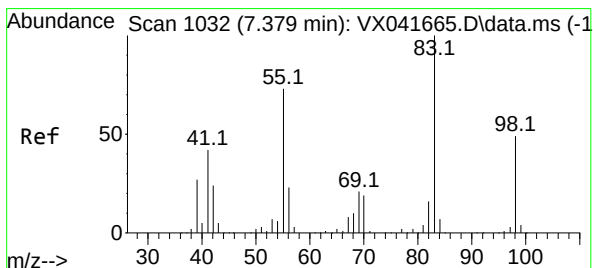
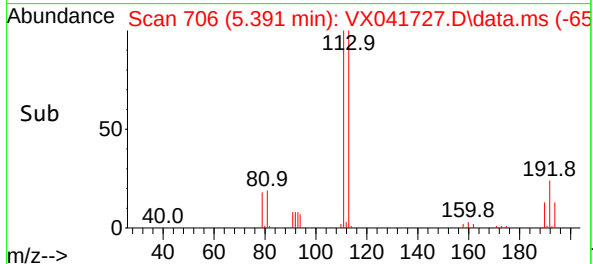
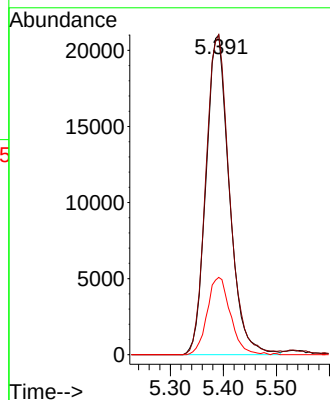
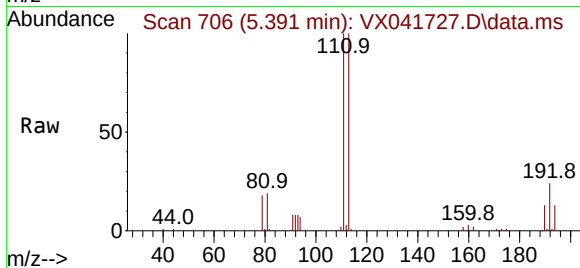
Tgt Ion:113 Resp: 64094

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 24.1 13.3 19.9#



#39

Methylcyclohexane

Concen: 0.778 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041727.D

Acq: 04 Jun 2024 11:58

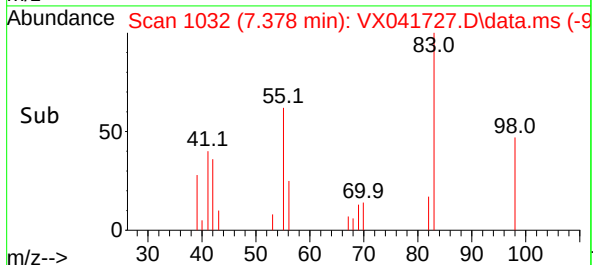
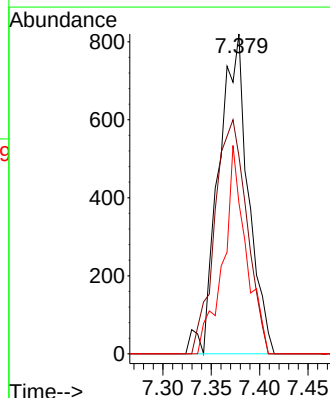
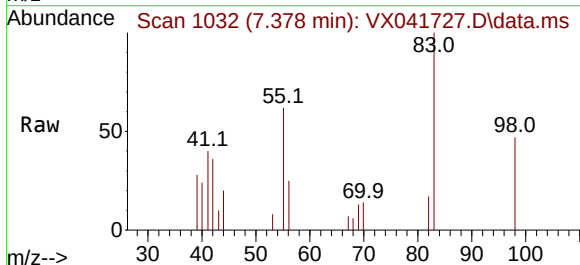
Tgt Ion: 83 Resp: 1742

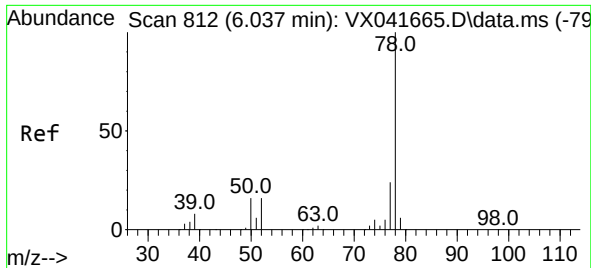
Ion Ratio Lower Upper

83 100

55 61.8 64.6 97.0#

98 47.2 36.7 55.1

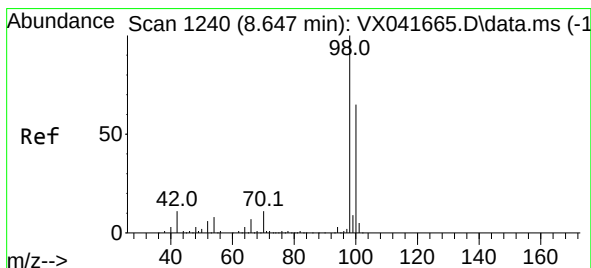
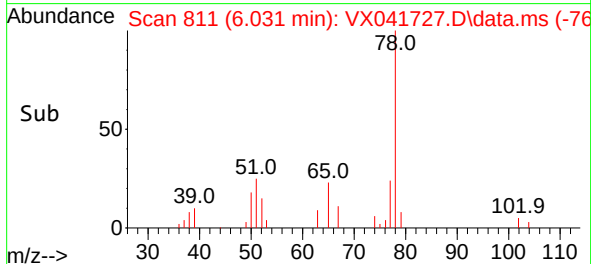
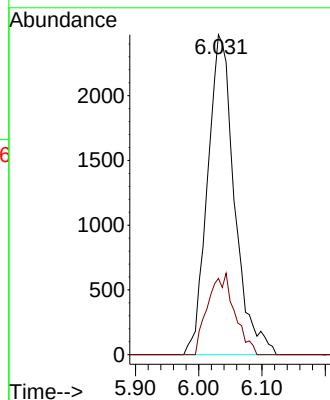
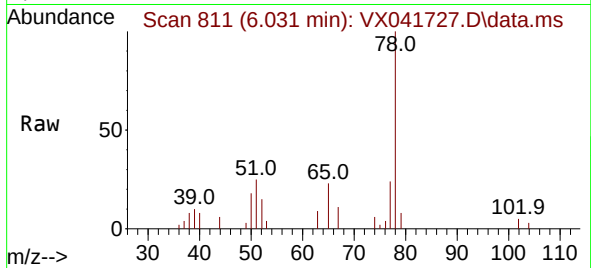




#40
Benzene
Concen: 1.282 ug/l
RT: 6.031 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

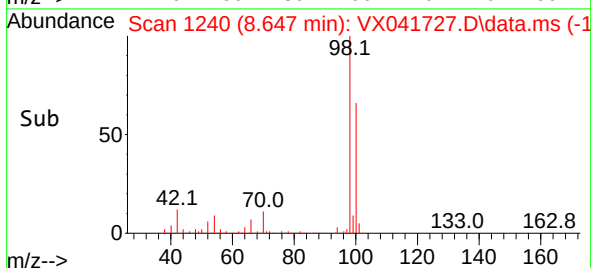
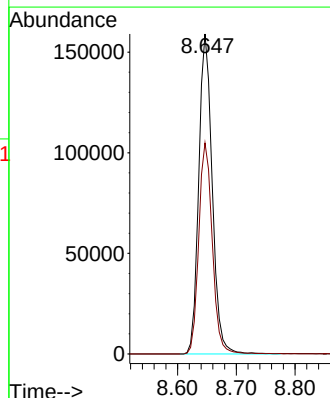
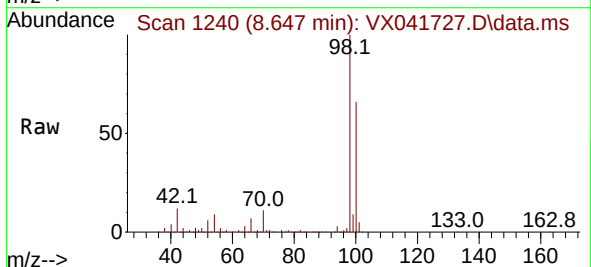
Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC

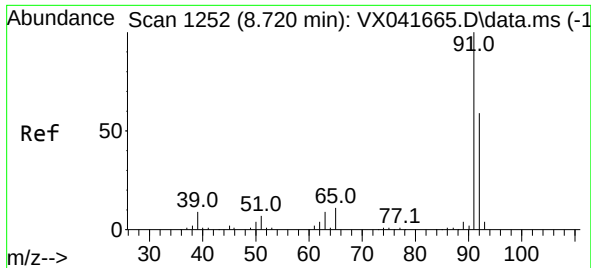
Tgt Ion: 78 Resp: 7303
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 48.228 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion: 98 Resp: 253652
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

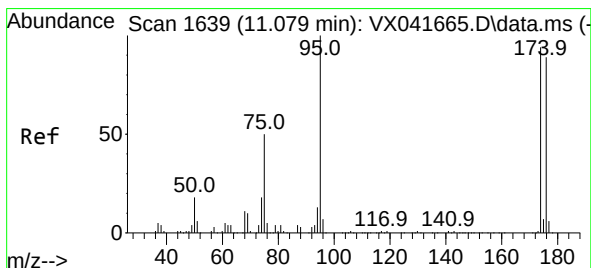
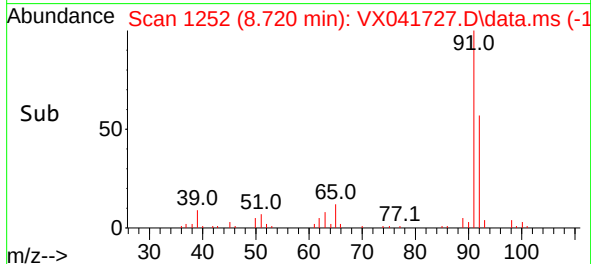
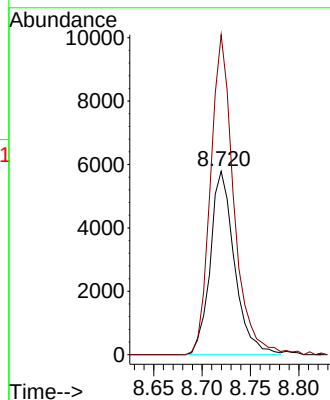
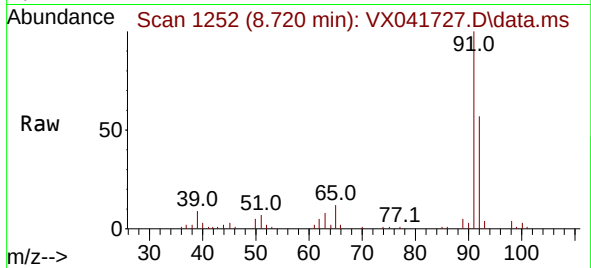




#52
Toluene
Concen: 2.796 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

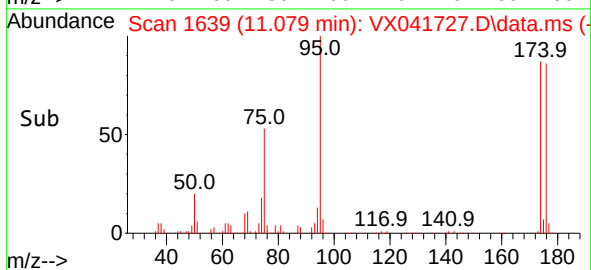
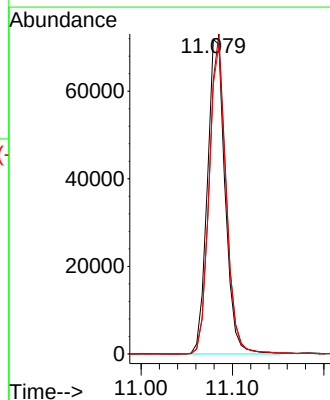
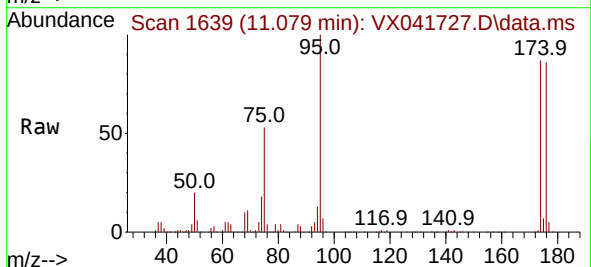
Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC

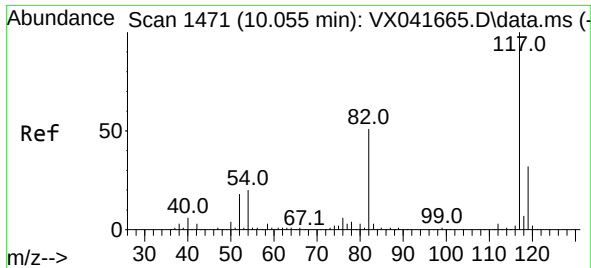
Tgt Ion: 92 Resp: 10108
Ion Ratio Lower Upper
92 100
91 167.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion: 95 Resp: 96986
Ion Ratio Lower Upper
95 100
174 96.3 0.0 135.6
176 94.2 0.0 131.0

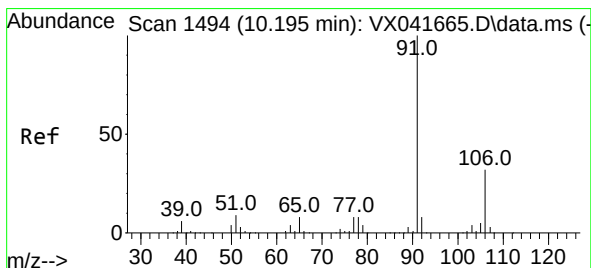
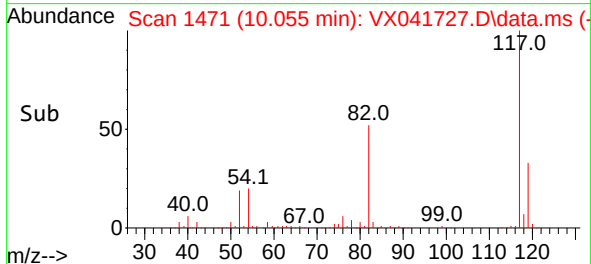
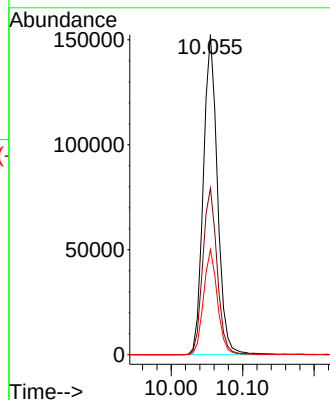
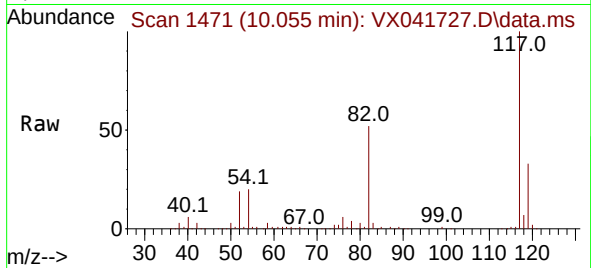




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

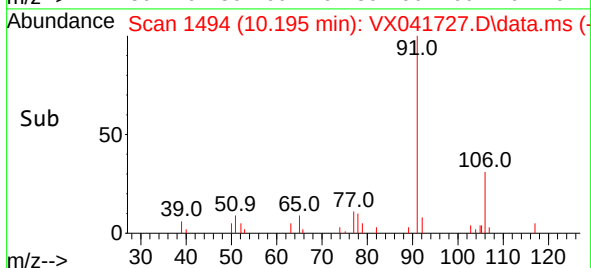
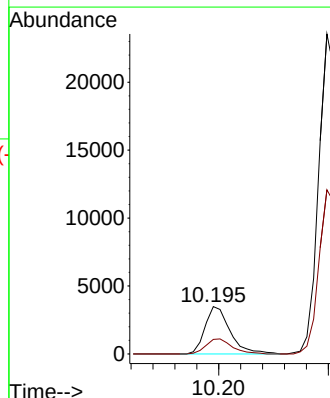
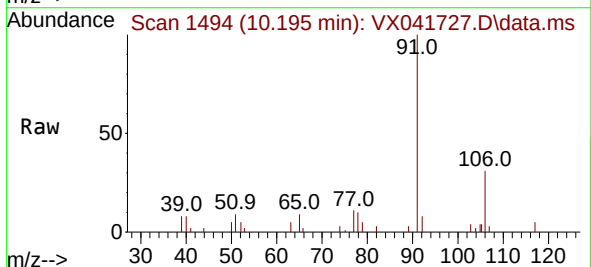
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5-AB-VOC

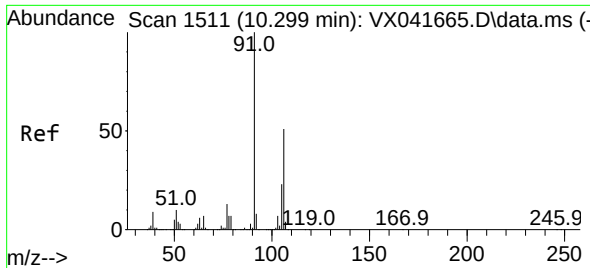
Tgt Ion:117 Resp: 209280
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.772 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion: 91 Resp: 5524
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

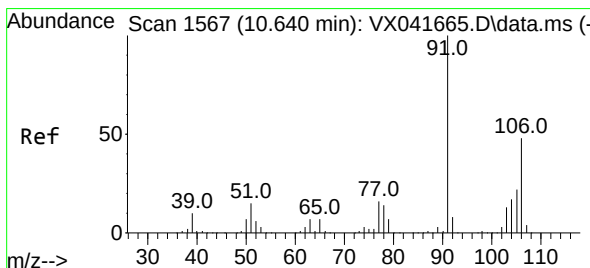
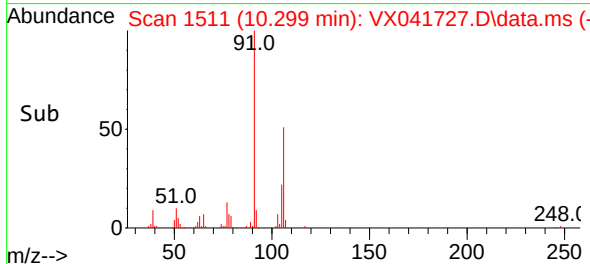
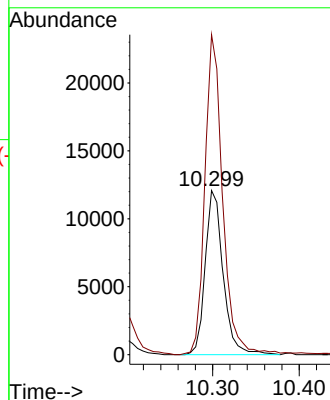
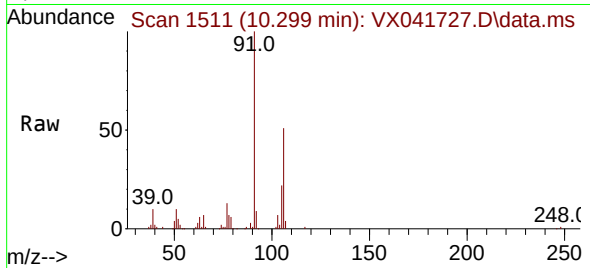




#68
m/p-Xylenes
Concen: 6.112 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

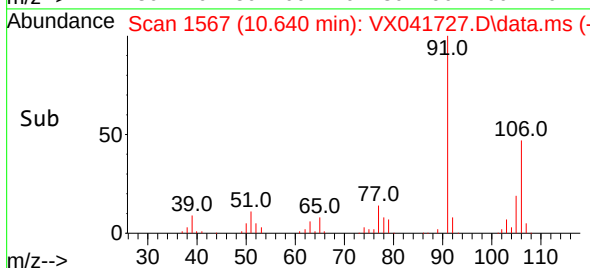
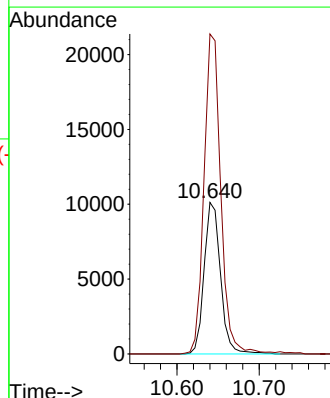
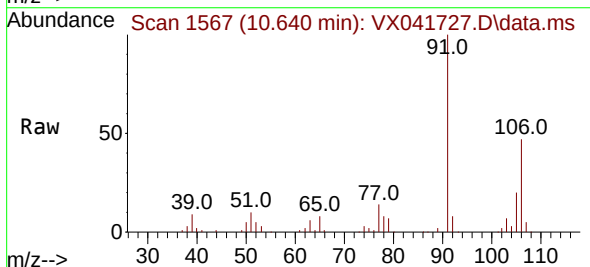
Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC

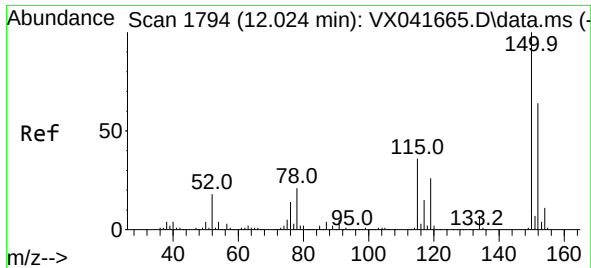
Tgt Ion:106 Resp: 17404
Ion Ratio Lower Upper
106 100
91 193.6 165.5 248.3



#69
o-Xylene
Concen: 4.958 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion:106 Resp: 14046
Ion Ratio Lower Upper
106 100
91 215.5 108.9 326.8

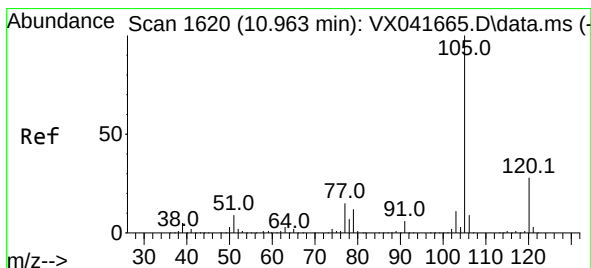
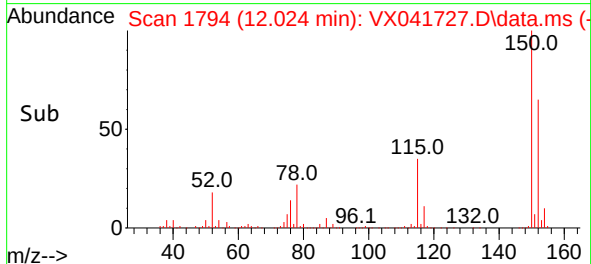
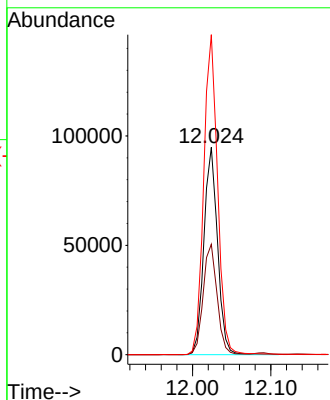
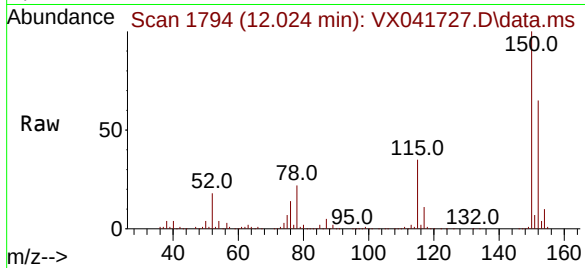




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041727.D
 Acq: 04 Jun 2024 11:58

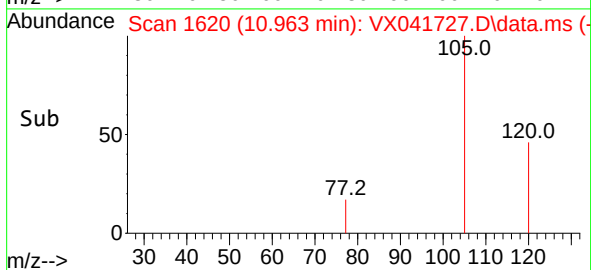
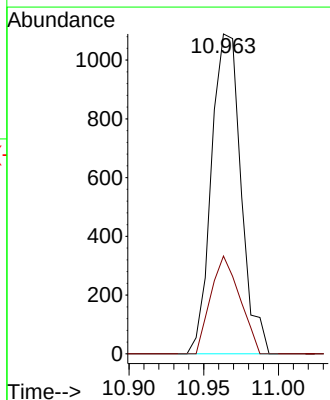
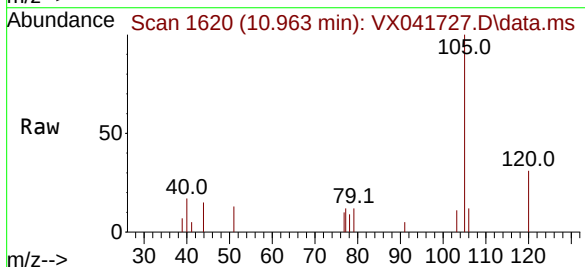
Instrument :
 MSVOA_X
 ClientSampleId :
 5-AB-VOC

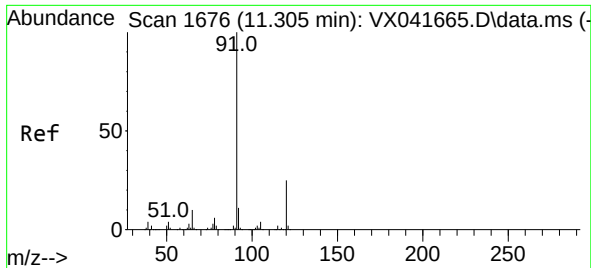
Tgt Ion:152 Resp: 114432
 Ion Ratio Lower Upper
 152 100
 115 54.3 43.3 129.9
 150 157.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.211 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX041727.D
 Acq: 04 Jun 2024 11:58

Tgt Ion:105 Resp: 1499
 Ion Ratio Lower Upper
 105 100
 120 30.0 12.9 38.6

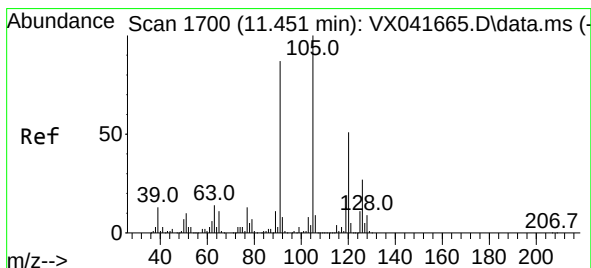
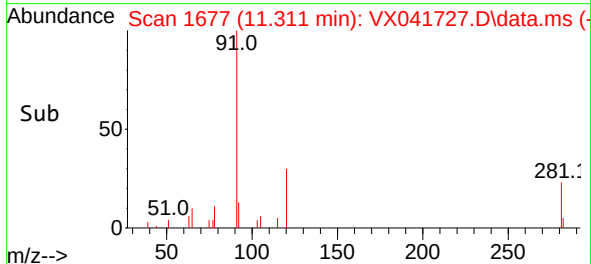
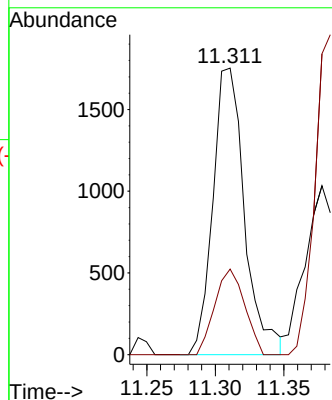
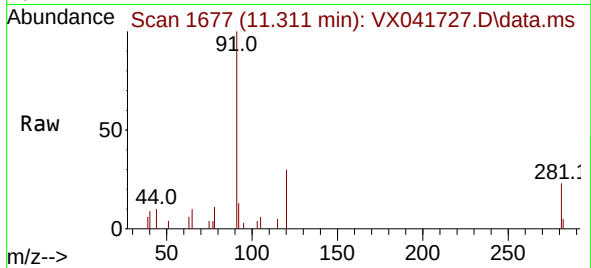




#78
n-propylbenzene
Concen: 0.361 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

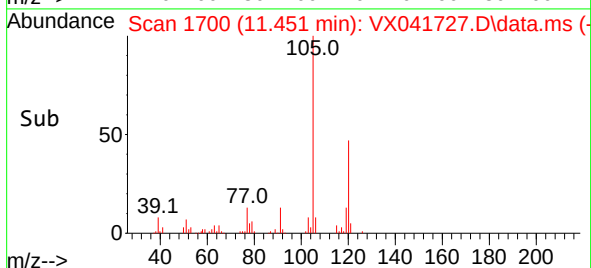
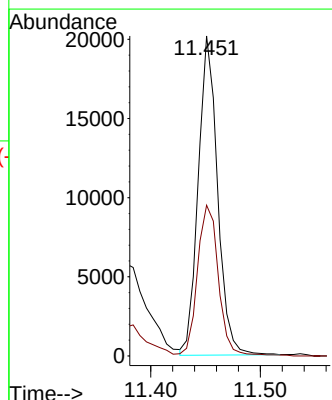
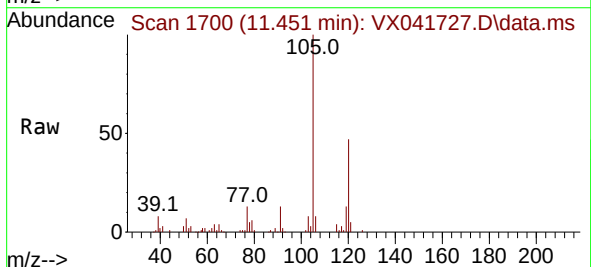
Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC

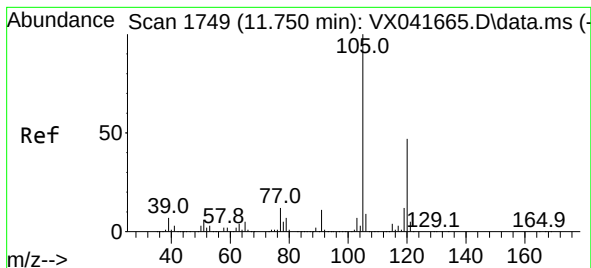
Tgt Ion: 91 Resp: 2816
Ion Ratio Lower Upper
91 100
120 28.2 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.170 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Tgt Ion: 105 Resp: 24713
Ion Ratio Lower Upper
105 100
120 51.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 6.936 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX041727.D

Acq: 04 Jun 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

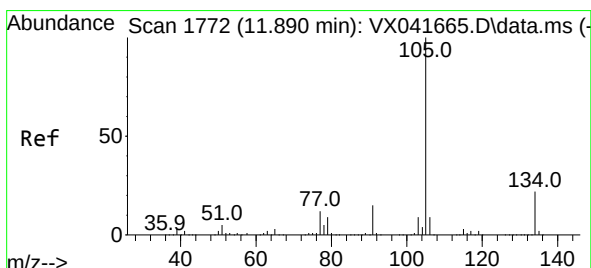
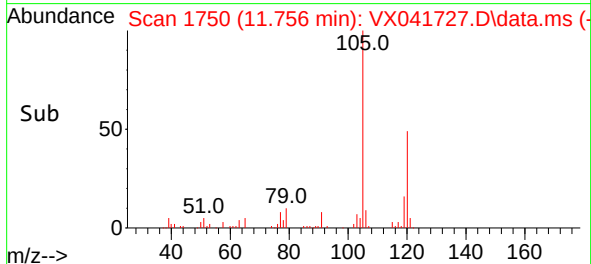
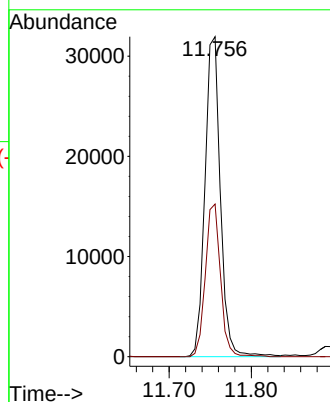
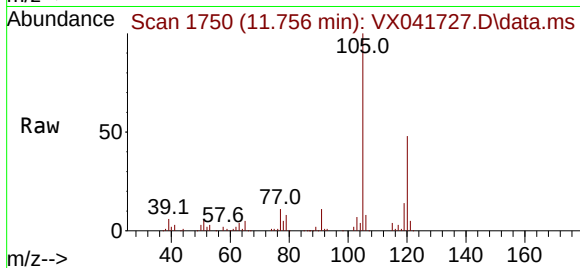
5-AB-VOC

Tgt Ion:105 Resp: 41651

Ion Ratio Lower Upper

105 100

120 46.8 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.203 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041727.D

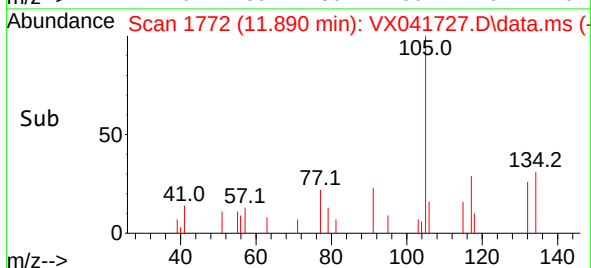
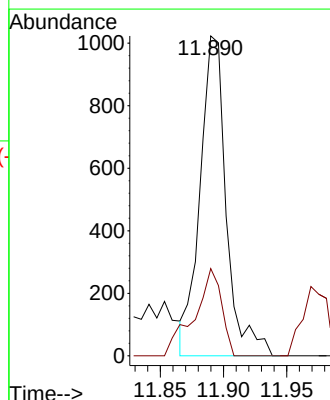
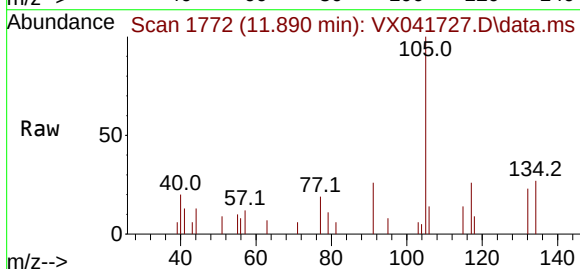
Acq: 04 Jun 2024 11:58

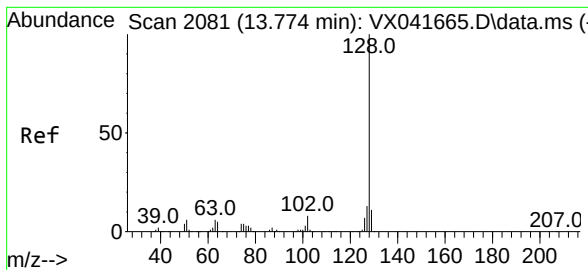
Tgt Ion:105 Resp: 1484

Ion Ratio Lower Upper

105 100

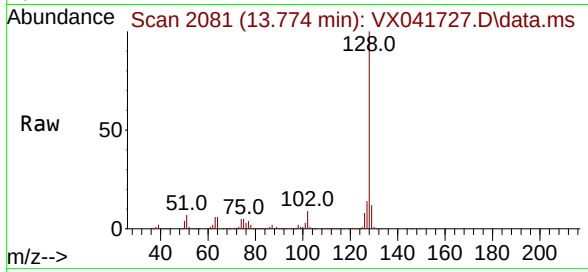
134 28.2 9.8 29.4





#95
Naphthalene
Concen: 296.826 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041727.D
Acq: 04 Jun 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
5-AB-VOC



Tgt Ion:128 Resp: 2200313
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.4 8.8 13.2

