

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029022.D
 Acq On : 27 May 2022 14:27
 Operator : JC/MD
 Sample : N2968-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: May 27 22:09:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

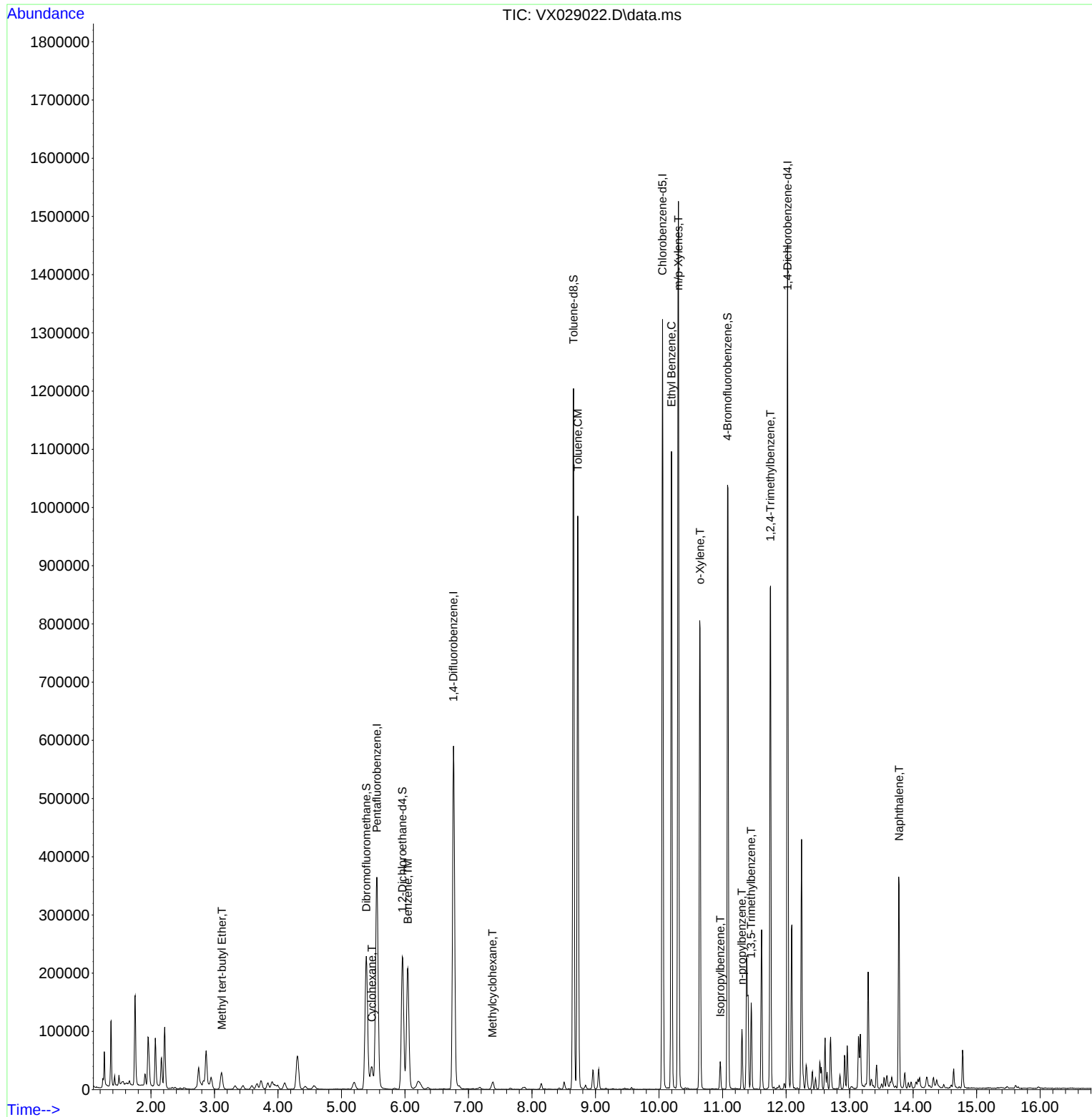
Internal Standards						
1) Pentafluorobenzene	5.556	168	351936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	623887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	604614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224386	46.512	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.020%
35) Dibromofluoromethane	5.391	113	204115	49.935	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.860%
50) Toluene-d8	8.653	98	733070	47.568	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.140%
62) 4-Bromofluorobenzene	11.079	95	300187	52.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	21721	1.680	ug/l #	49
31) Cyclohexane	5.476	56	26947	4.024	ug/l	95
39) Methylcyclohexane	7.379	83	5668	0.805	ug/l	91
40) Benzene	6.043	78	262360	14.869	ug/l	99
52) Toluene	8.720	92	380123	33.489	ug/l	97
67) Ethyl Benzene	10.195	91	629828	27.395	ug/l	99
68) m/p-Xylenes	10.305	106	359252	40.137	ug/l	98
69) o-Xylene	10.646	106	187128	21.234	ug/l	100
73) Isopropylbenzene	10.963	105	24547	1.098	ug/l	99
78) n-propylbenzene	11.305	91	64447	2.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	64054	3.437	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	400073	21.410	ug/l	100
95) Naphthalene	13.780	128	235896	11.257	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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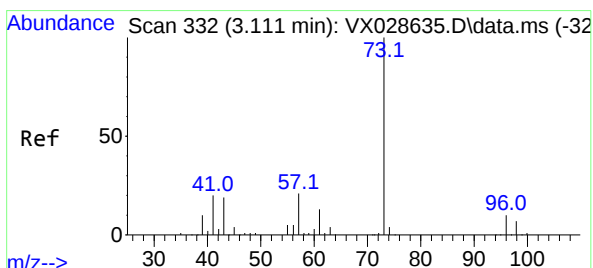
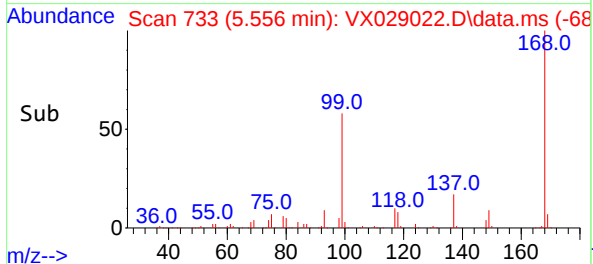
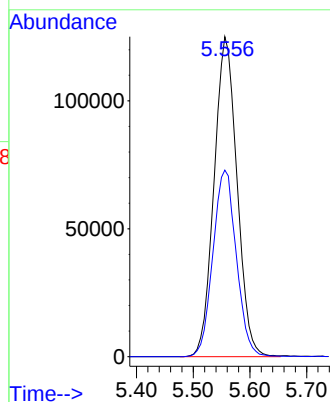
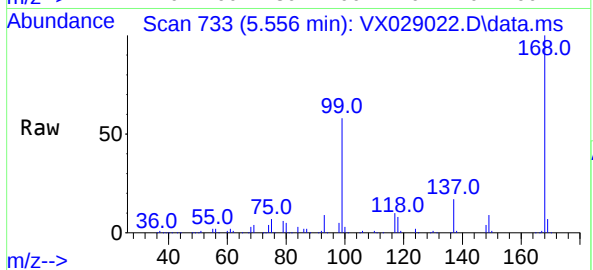




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

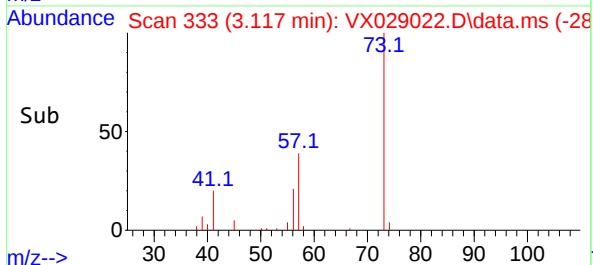
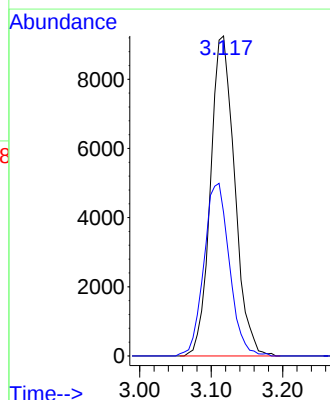
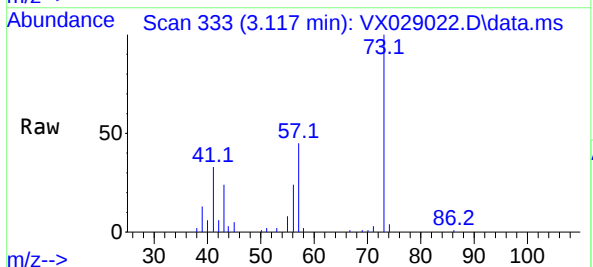
Instrument :
MSVOA_X
ClientSampleId :
MW-25

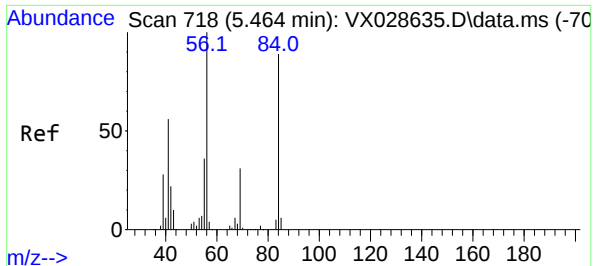
Tgt Ion:168 Resp: 351936
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#19
Methyl tert-butyl Ether
Concen: 1.680 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Tgt Ion: 73 Resp: 21721
Ion Ratio Lower Upper
73 100
57 44.9 16.8 25.2#

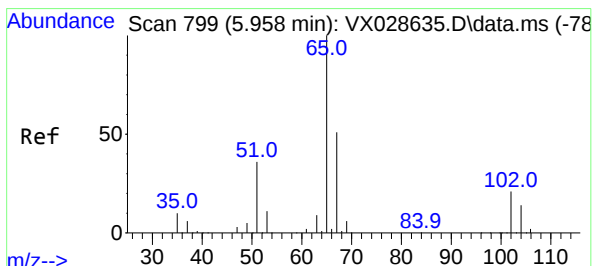
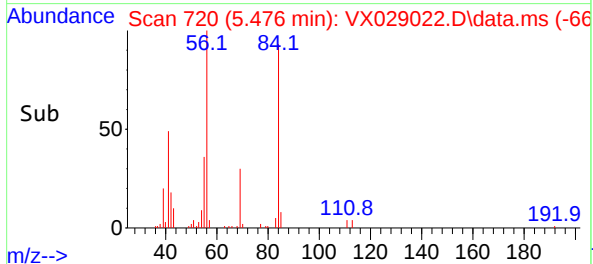
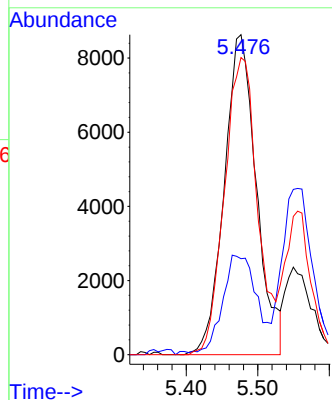
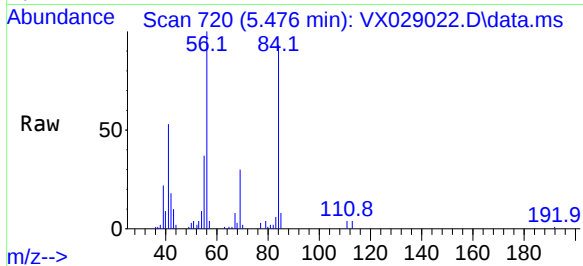




#31
Cyclohexane
Concen: 4.024 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

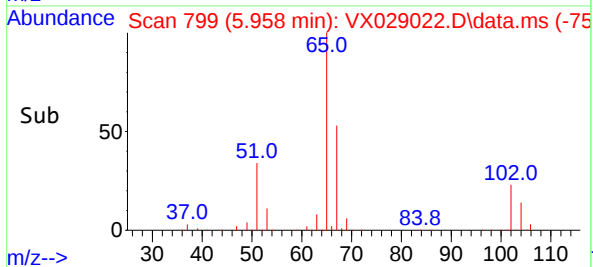
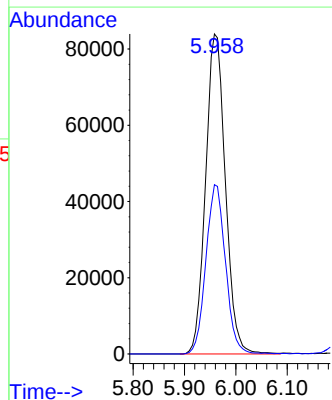
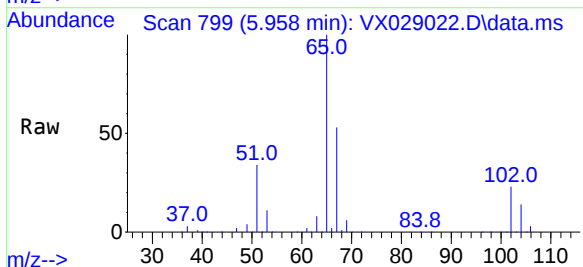
Instrument :
MSVOA_X
ClientSampleId :
MW-25

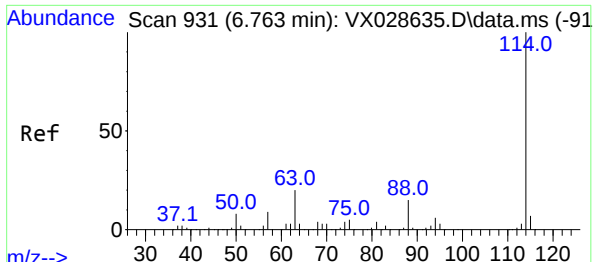
Tgt Ion: 56 Resp: 26947
Ion Ratio Lower Upper
56 100
69 29.0 26.7 40.1
84 92.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 46.512 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Tgt Ion: 65 Resp: 224386
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029022.D

Acq: 27 May 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-25

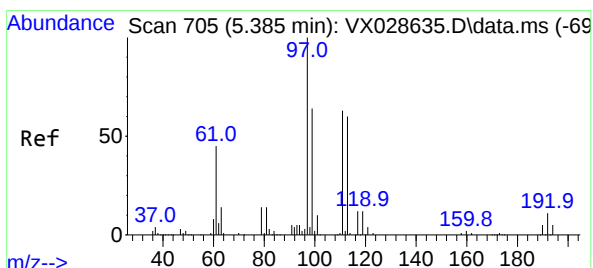
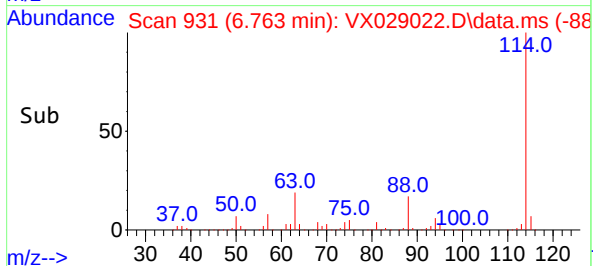
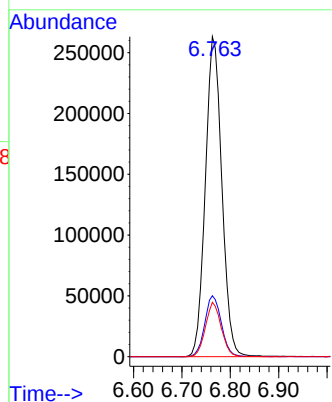
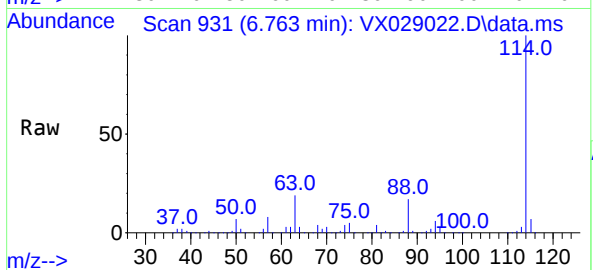
Tgt Ion:114 Resp: 623887

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 17.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 49.935 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029022.D

Acq: 27 May 2022 14:27

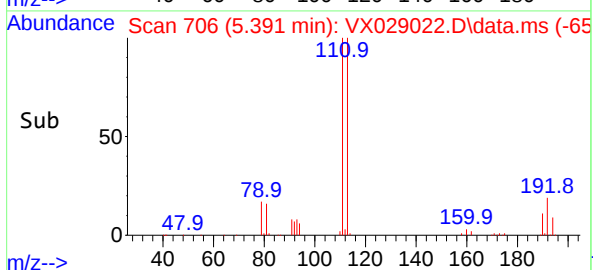
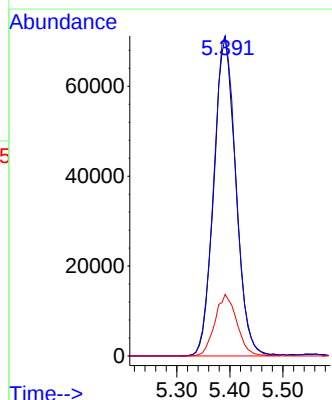
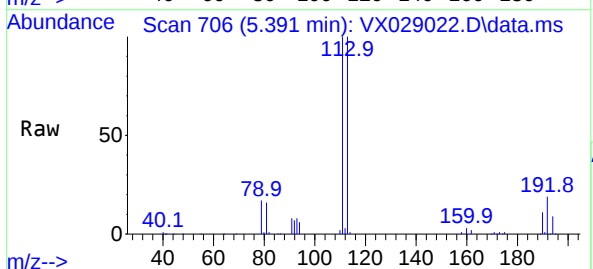
Tgt Ion:113 Resp: 204115

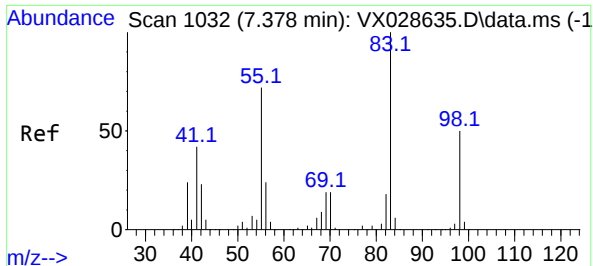
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 19.3 16.9 25.3





#39

Methylcyclohexane

Concen: 0.805 ug/l

RT: 7.379 min Scan# 10

Delta R.T. 0.001 min

Lab File: VX029022.D

Acq: 27 May 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-25

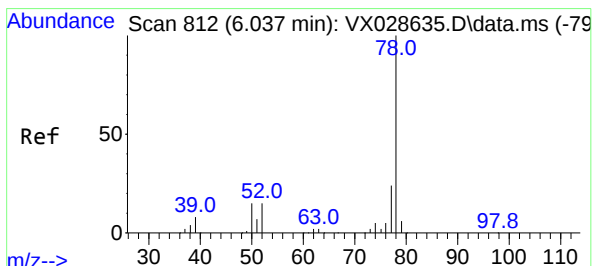
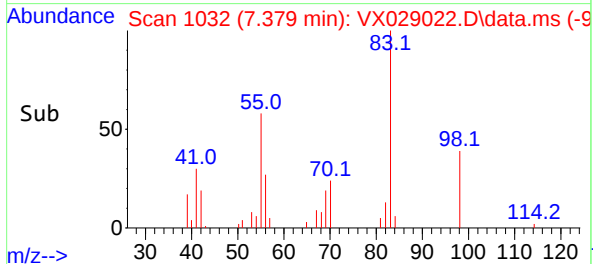
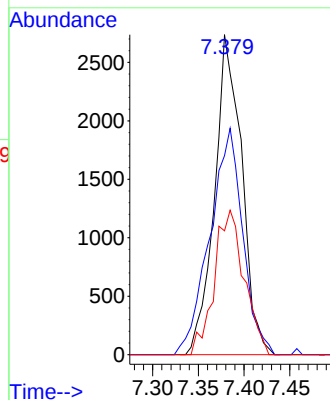
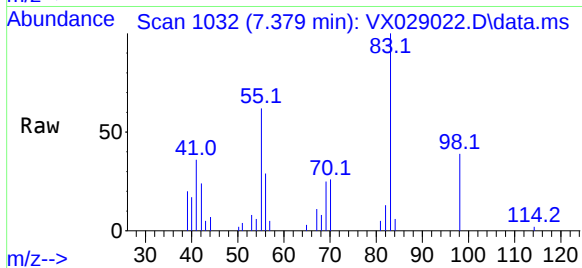
Tgt Ion: 83 Resp: 5668

Ion Ratio Lower Upper

83 100

55 62.2 54.6 81.8

98 38.7 37.4 56.2



#40

Benzene

Concen: 14.869 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029022.D

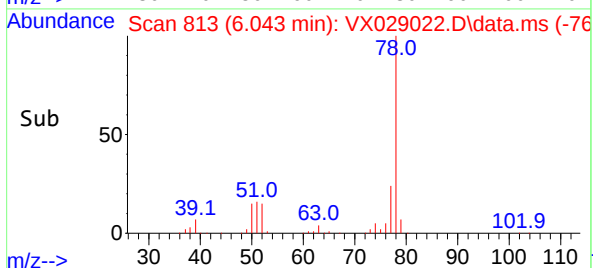
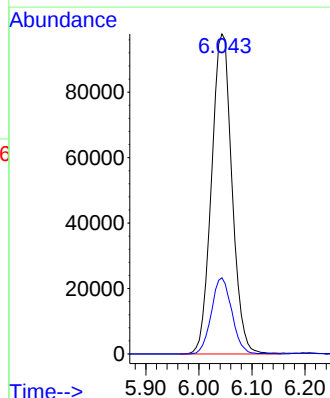
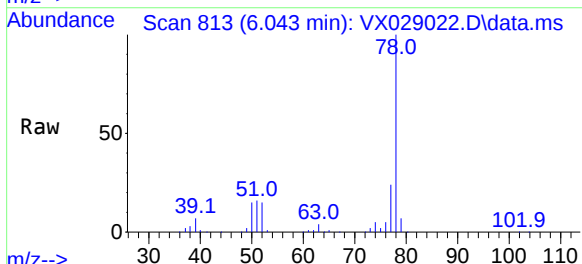
Acq: 27 May 2022 14:27

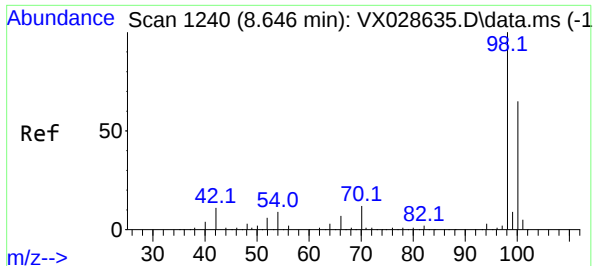
Tgt Ion: 78 Resp: 262360

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





#50

Toluene-d8

Concen: 47.568 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX029022.D

Acq: 27 May 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

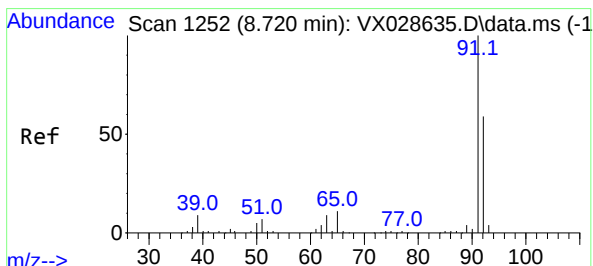
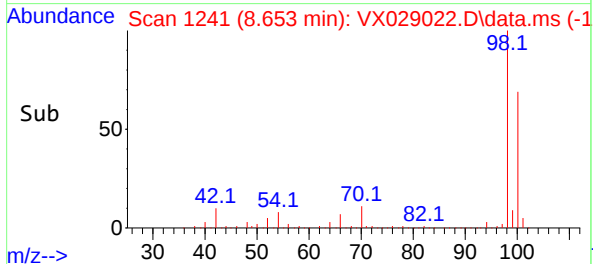
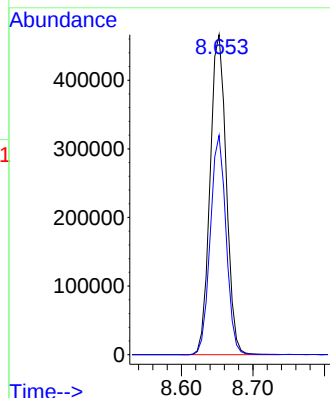
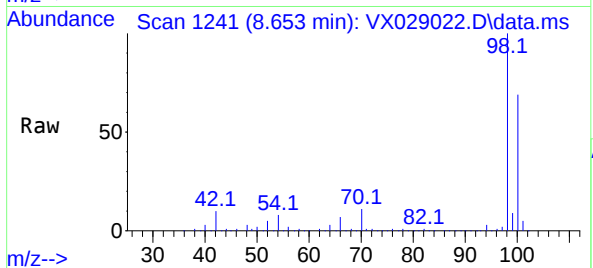
MW-25

Tgt Ion: 98 Resp: 733070

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#52

Toluene

Concen: 33.489 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029022.D

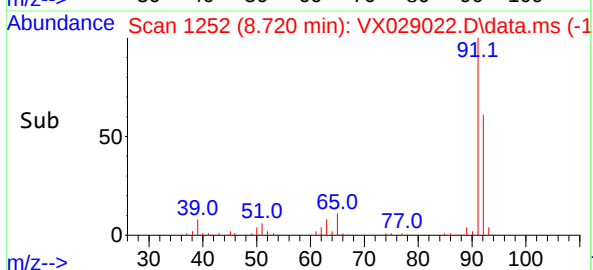
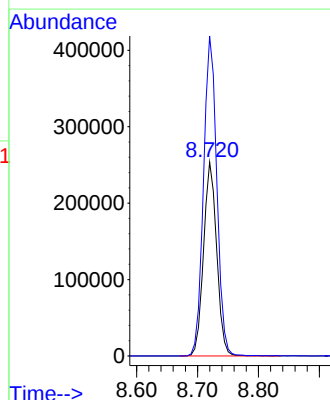
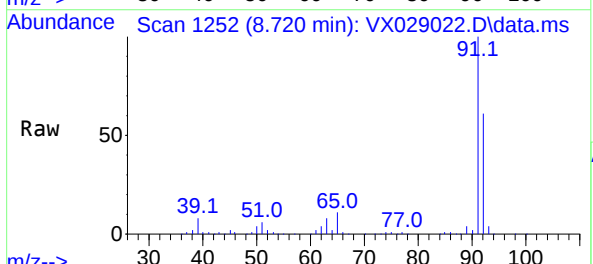
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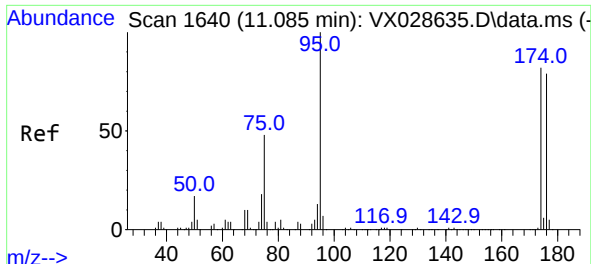
Tgt Ion: 92 Resp: 380123

Ion Ratio Lower Upper

92 100

91 167.3 137.5 206.3

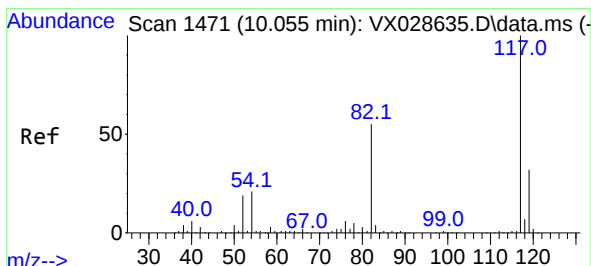
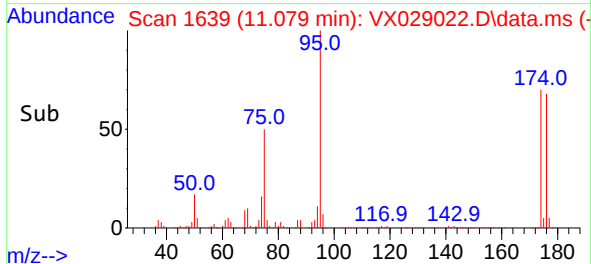
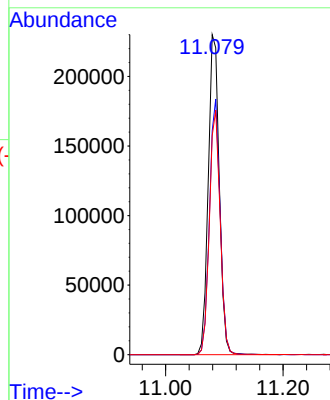
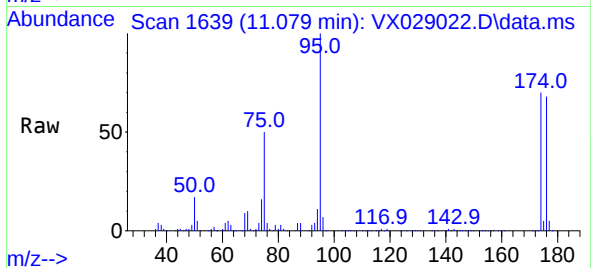




#62
4-Bromofluorobenzene
Concen: 52.151 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

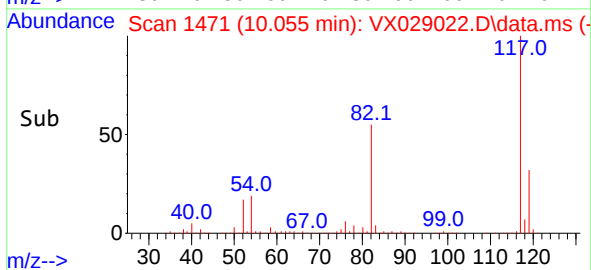
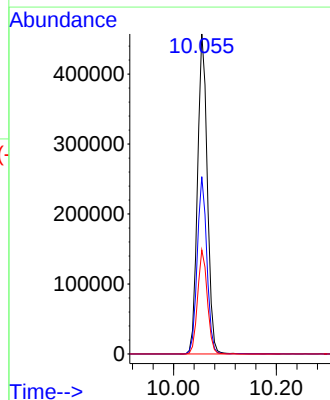
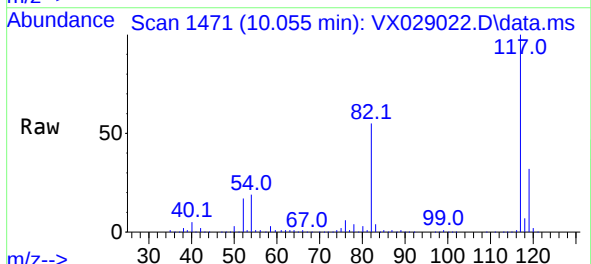
Instrument :
MSVOA_X
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MW-25

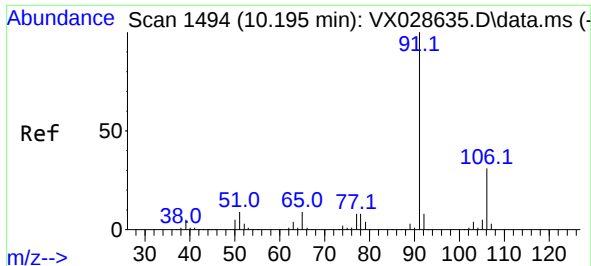
Tgt Ion: 95 Resp: 300187
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 74.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Tgt Ion: 117 Resp: 604614
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.5 24.8 37.2





#67

Ethyl Benzene

Concen: 27.395 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029022.D

Acq: 27 May 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

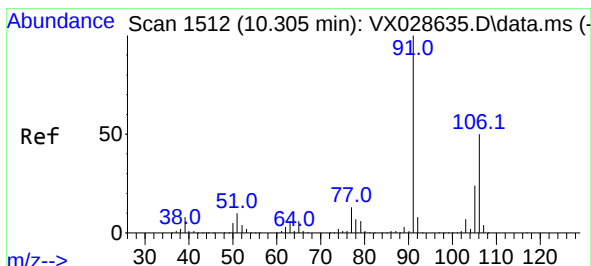
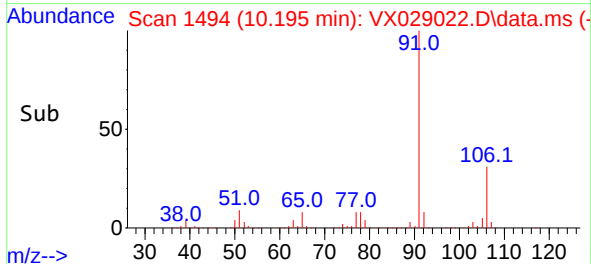
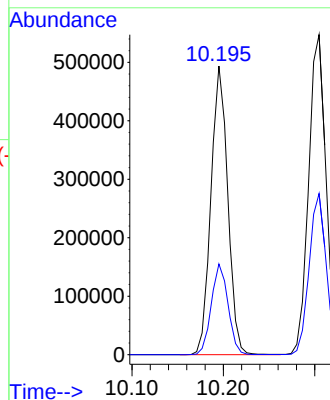
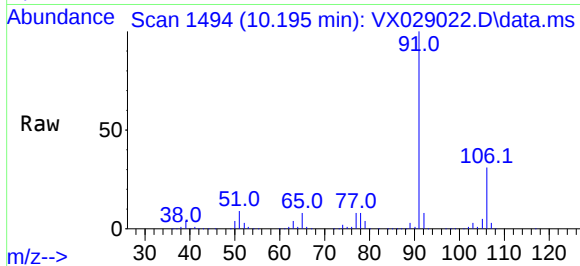
MW-25

Tgt Ion: 91 Resp: 629828

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 40.137 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029022.D

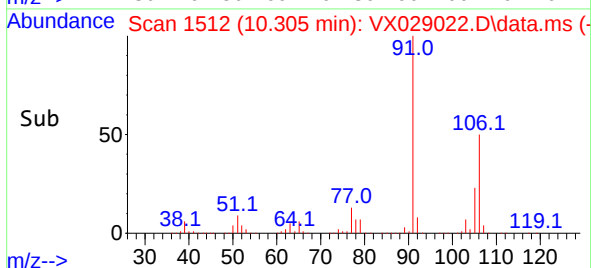
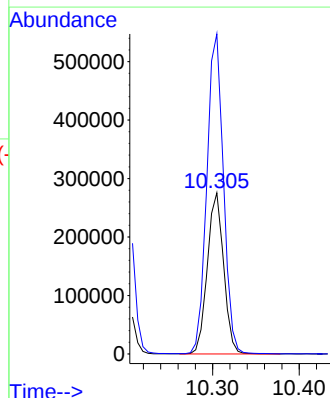
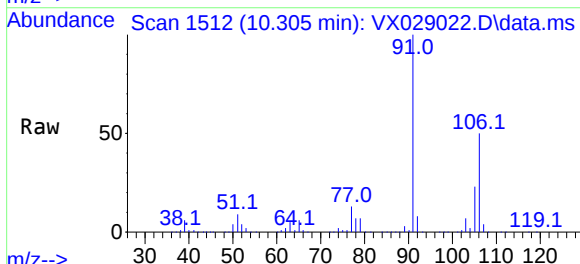
Acq: 27 May 2022 14:27

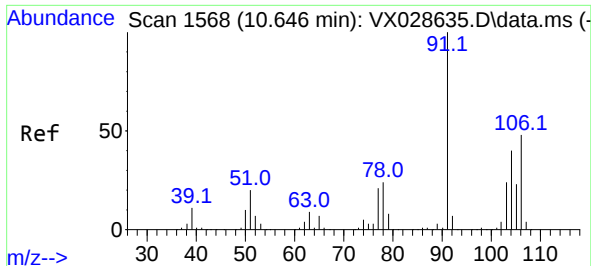
Tgt Ion: 106 Resp: 359252

Ion Ratio Lower Upper

106 100

91 202.8 160.4 240.6

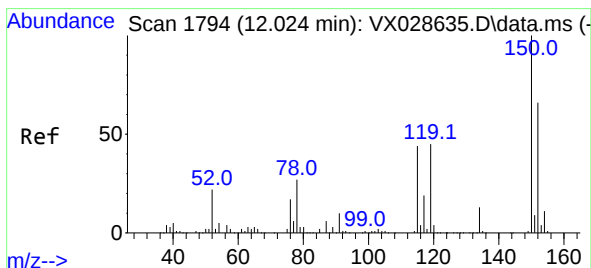
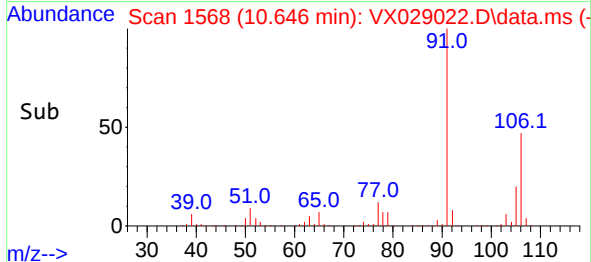
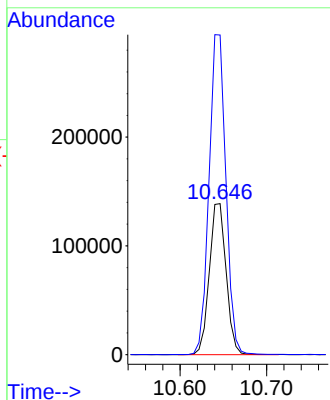
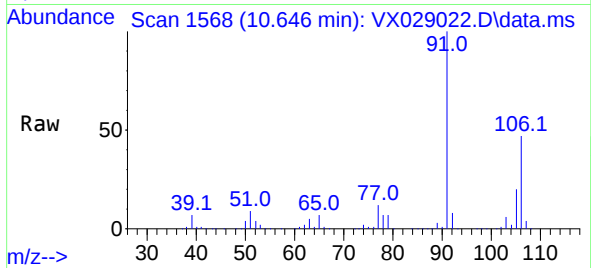




#69
o-Xylene
Concen: 21.234 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

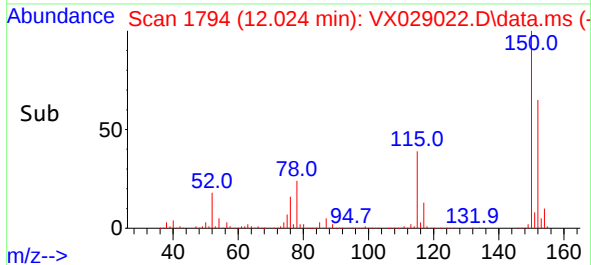
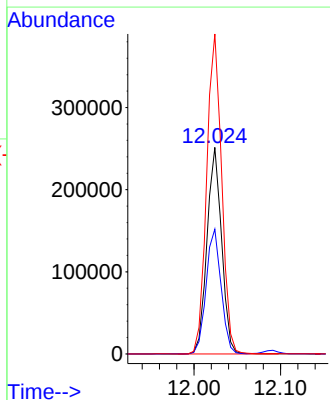
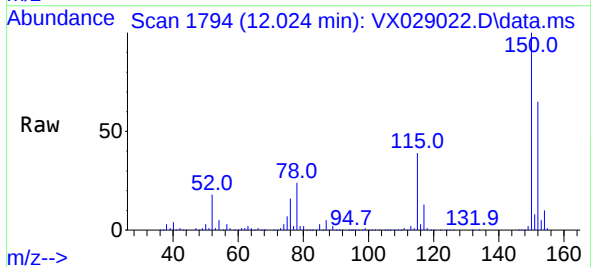
Instrument :
MSVOA_X
ClientSampleId :
MW-25

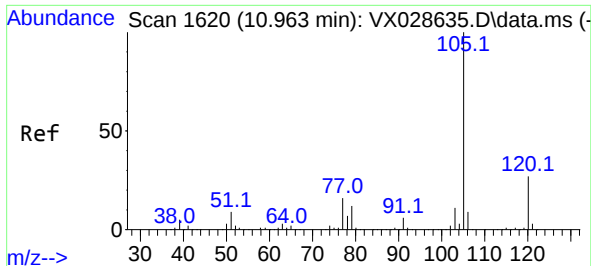
Tgt Ion:106 Resp: 187128
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Tgt Ion:152 Resp: 294901
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 158.8 0.0 338.2

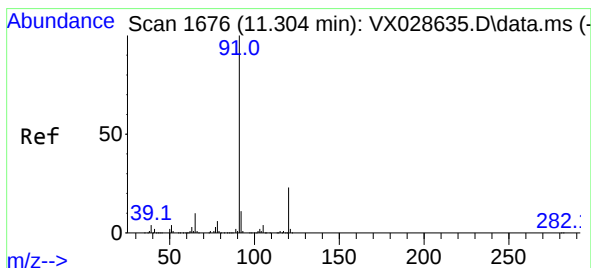
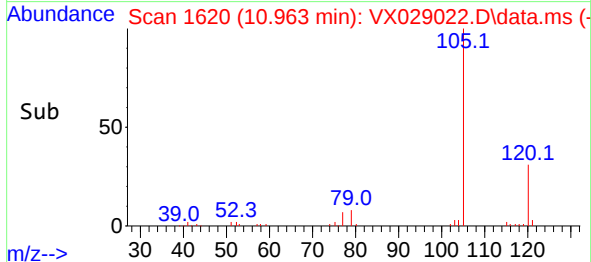
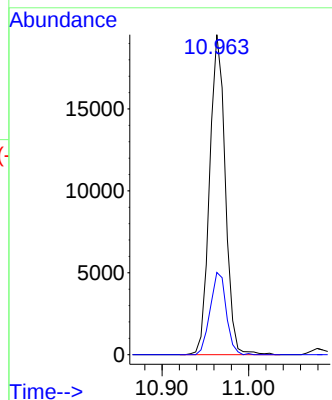
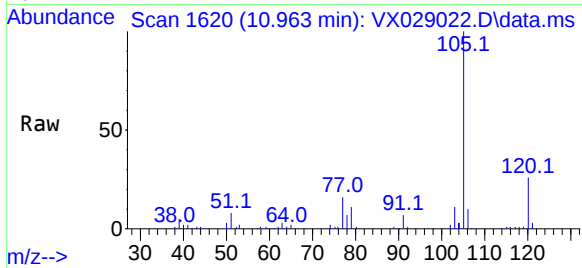




#73
Isopropylbenzene
Concen: 1.098 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

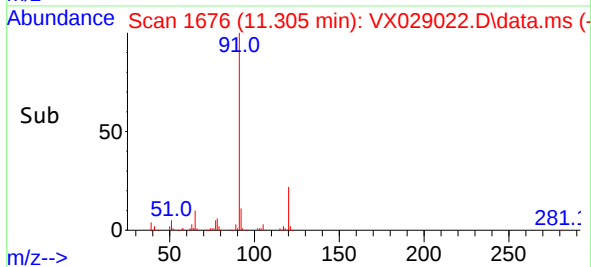
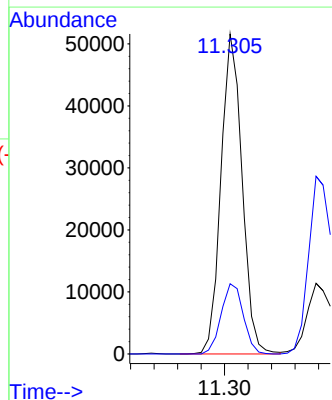
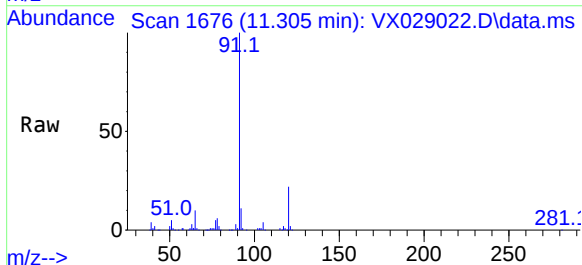
Instrument :
MSVOA_X
ClientSampleId :
MW-25

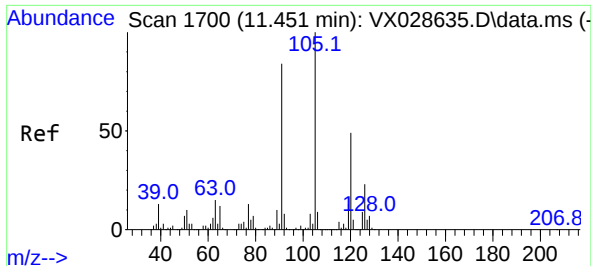
Tgt Ion:105 Resp: 24547
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5



#78
n-propylbenzene
Concen: 2.491 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Tgt Ion: 91 Resp: 64447
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

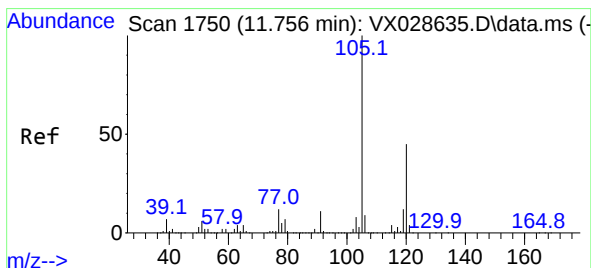
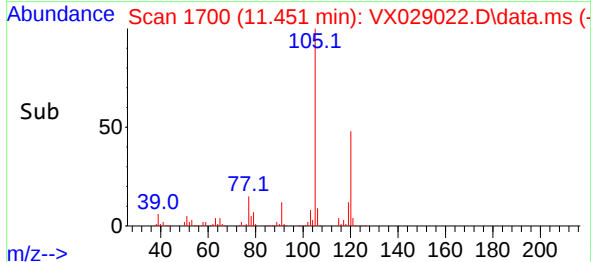
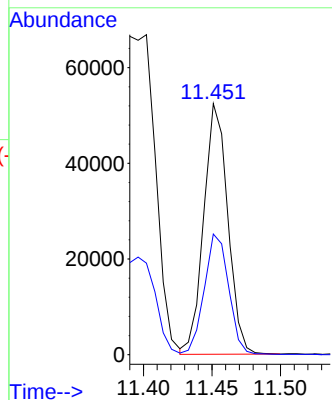
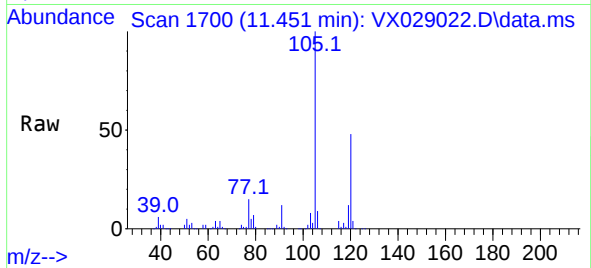




#80
1,3,5-Trimethylbenzene
Concen: 3.437 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

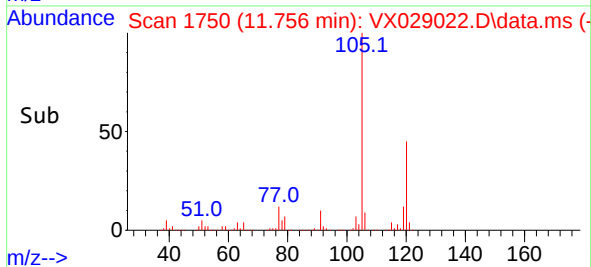
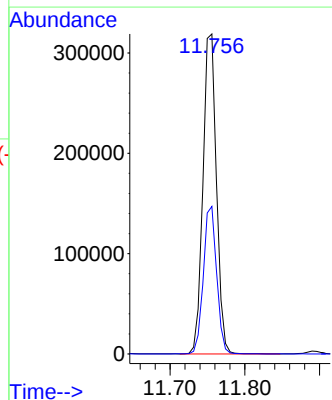
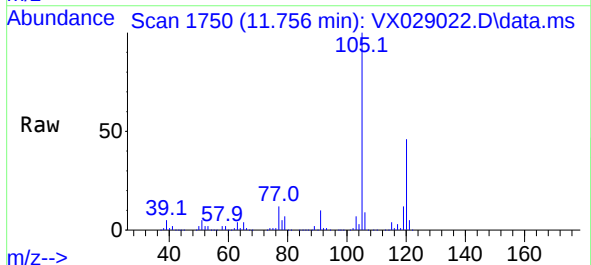
Instrument :
MSVOA_X
ClientSampleId :
MW-25

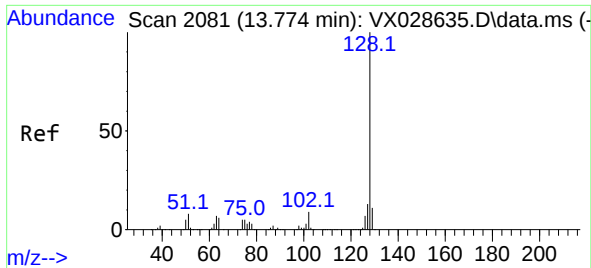
Tgt Ion:105 Resp: 64054
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 21.410 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

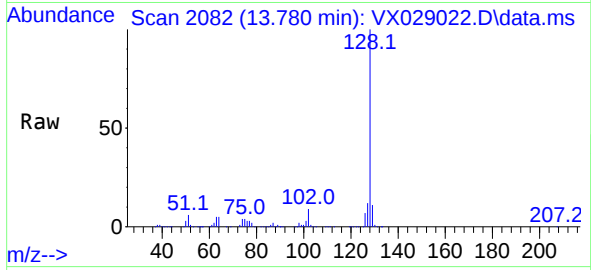
Tgt Ion:105 Resp: 400073
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#95
Naphthalene
Concen: 11.257 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029022.D
Acq: 27 May 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
MW-25



Tgt Ion:128 Resp: 235896

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.7	13.1

