

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029893.D
 Acq On : 30 Jun 2022 04:50
 Operator : JC/MD
 Sample : N3481-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Jun 30 06:28:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

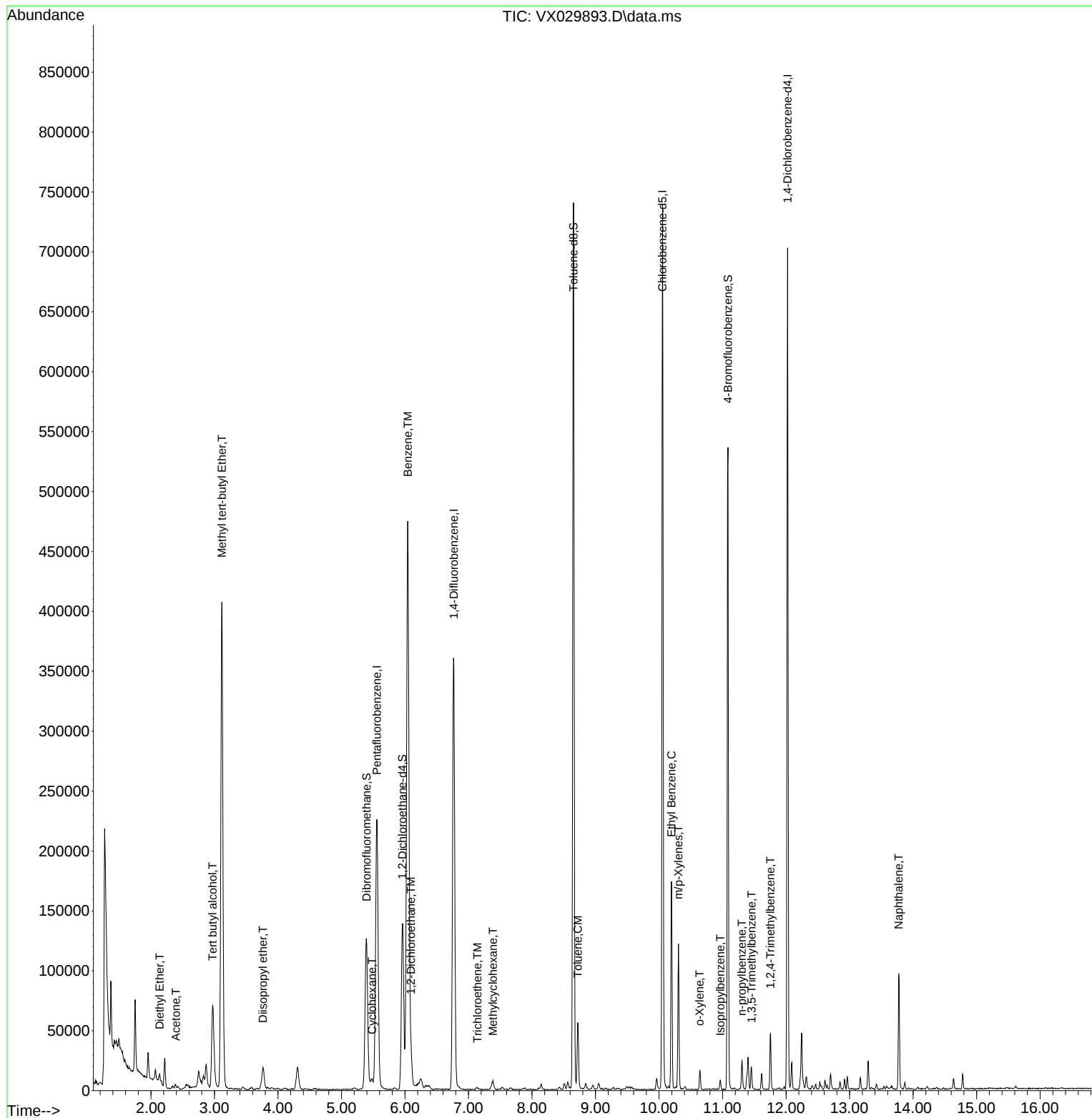
Internal Standards						
1) Pentafluorobenzene	5.556	168	222517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	393681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124443	44.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.360%
35) Dibromofluoromethane	5.397	113	113348	46.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.140%
50) Toluene-d8	8.653	98	445115	48.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.085	95	148265	45.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	1692	1.183	ug/l	94
11) Tert butyl alcohol	2.971	59	97571	132.455	ug/l	98
16) Acetone	2.392	43	3581	2.599	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	444055	57.394	ug/l	99
22) Diisopropyl ether	3.763	45	19688	2.304	ug/l #	70
31) Cyclohexane	5.483	56	5615	1.430	ug/l	94
39) Methylcyclohexane	7.385	83	3091	0.781	ug/l	89
40) Benzene	6.043	78	591547	55.907	ug/l	99
42) 1,2-Dichloroethane	6.092	62	29454	9.070	ug/l	100
44) Trichloroethene	7.141	130	853	0.299	ug/l	72
52) Toluene	8.720	92	21397	3.351	ug/l	99
67) Ethyl Benzene	10.195	91	98500	8.406	ug/l	99
68) m/p-Xylenes	10.305	106	27078	6.025	ug/l	97
69) o-Xylene	10.640	106	3627	0.797	ug/l	95
73) Isopropylbenzene	10.963	105	4138	0.395	ug/l	97
78) n-propylbenzene	11.305	91	12304	0.996	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	8276	0.952	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	21135	2.426	ug/l	100
95) Naphthalene	13.774	128	61390	5.249	ug/l	99

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

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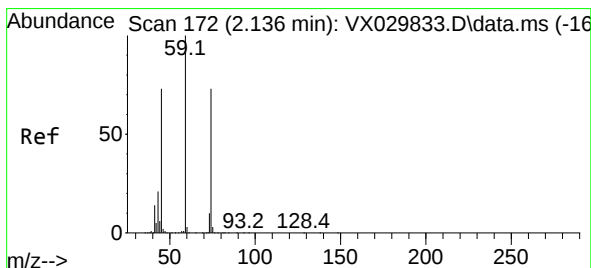
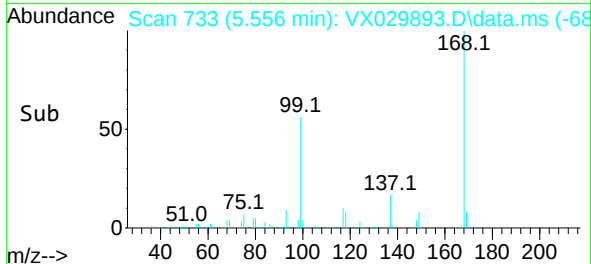
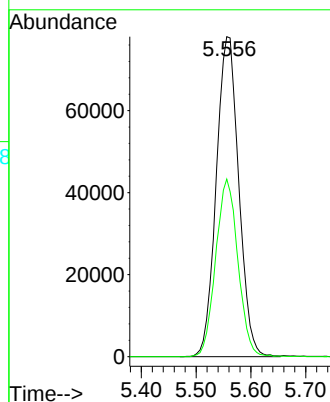
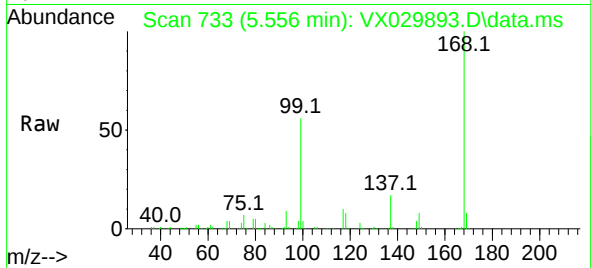




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

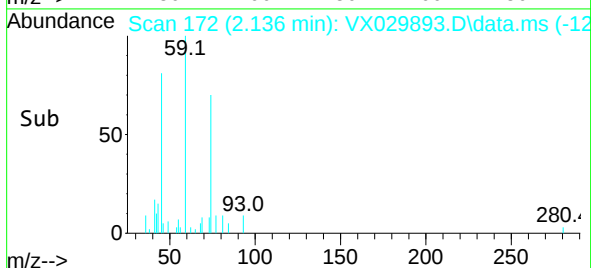
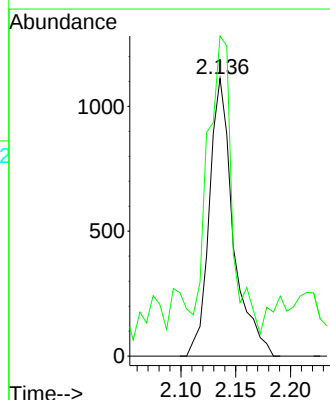
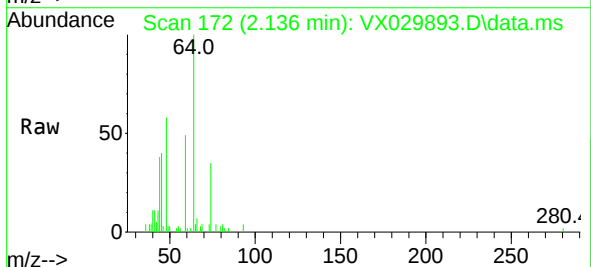
Instrument :
MSVOA_X
ClientSampleId :
MW-30

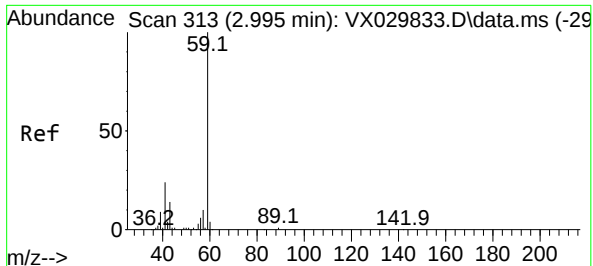
Tgt Ion:168 Resp: 222517
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#8
Diethyl Ether
Concen: 1.183 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion: 74 Resp: 1692
Ion Ratio Lower Upper
74 100
45 109.6 51.5 154.7





#11

Tert butyl alcohol

Concen: 132.455 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

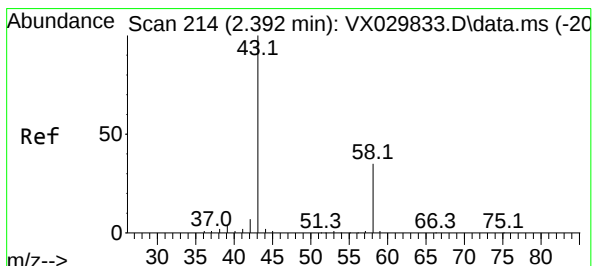
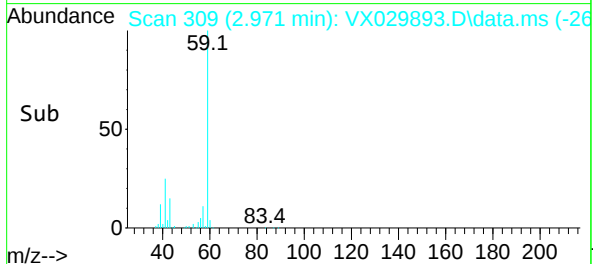
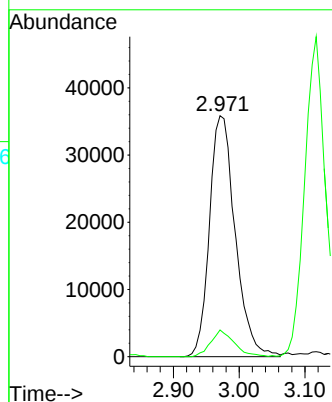
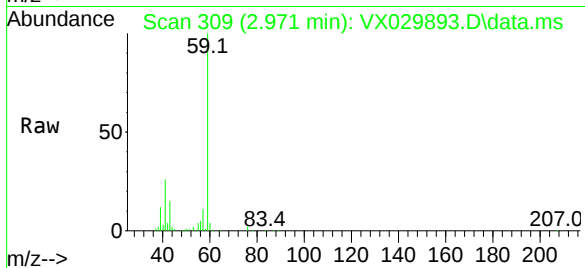
MW-30

Tgt Ion: 59 Resp: 97571

Ion Ratio Lower Upper

59 100

57 10.2 7.4 11.2



#16

Acetone

Concen: 2.599 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX029893.D

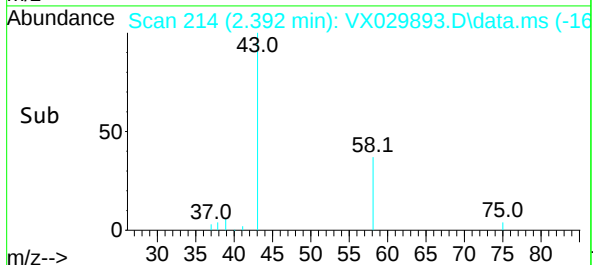
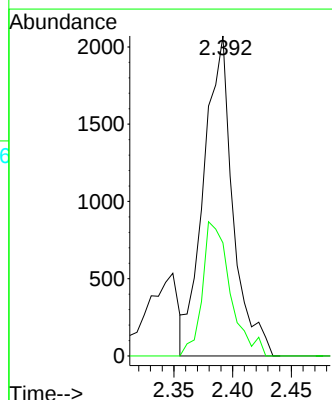
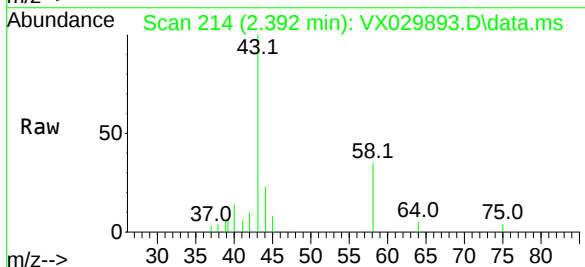
Acq: 30 Jun 2022 04:50

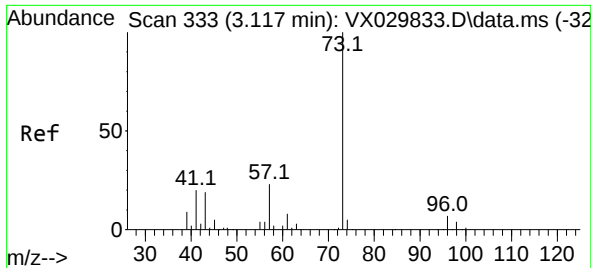
Tgt Ion: 43 Resp: 3581

Ion Ratio Lower Upper

43 100

58 35.3 27.7 41.5

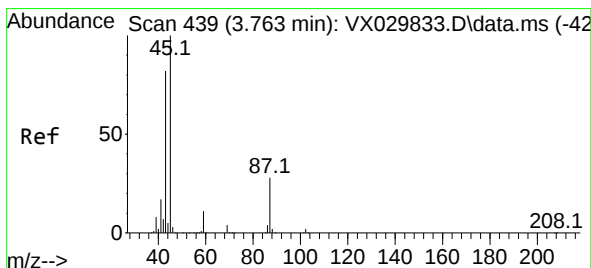
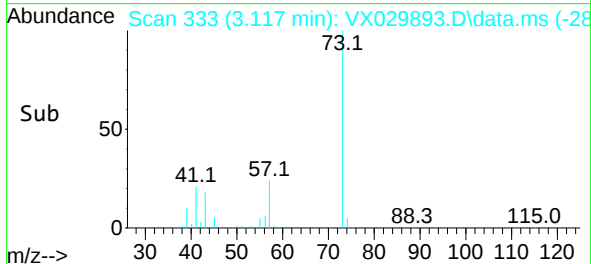
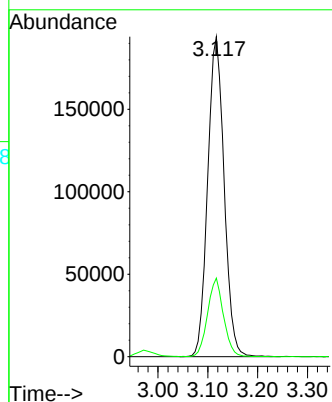
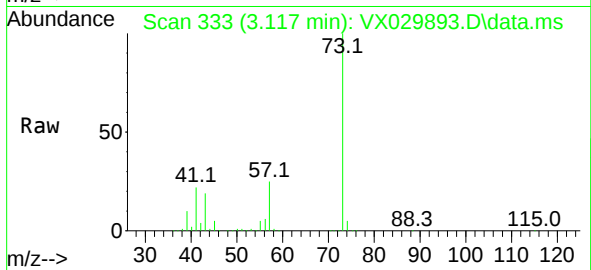




#19
Methyl tert-butyl Ether
Concen: 57.394 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

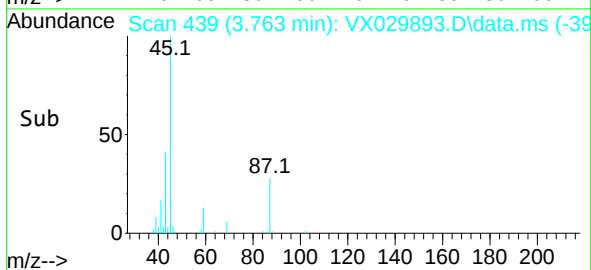
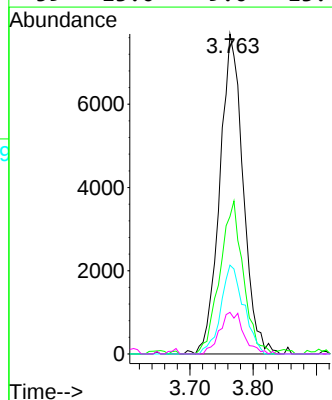
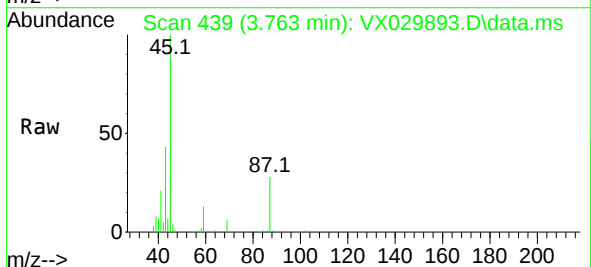
Instrument :
MSVOA_X
ClientSampleId :
MW-30

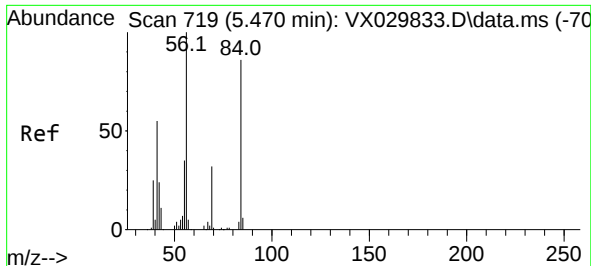
Tgt Ion: 73 Resp: 444055
Ion Ratio Lower Upper
73 100
57 24.5 19.0 28.6



#22
Diisopropyl ether
Concen: 2.304 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

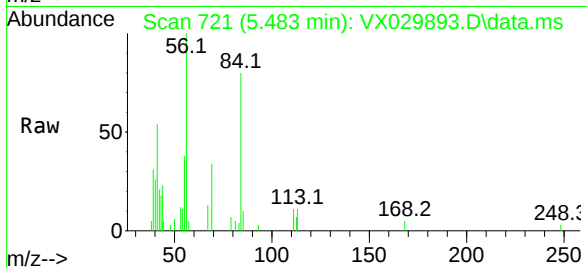
Tgt Ion: 45 Resp: 19688
Ion Ratio Lower Upper
45 100
43 43.0 65.4 98.0#
87 27.7 22.3 33.5
59 13.0 9.0 13.4



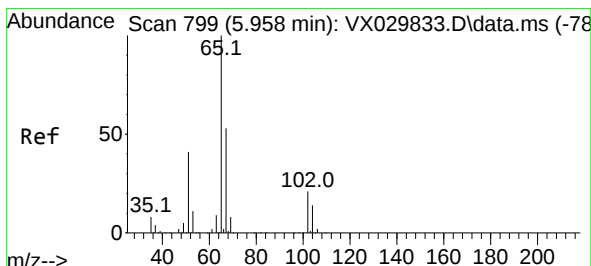
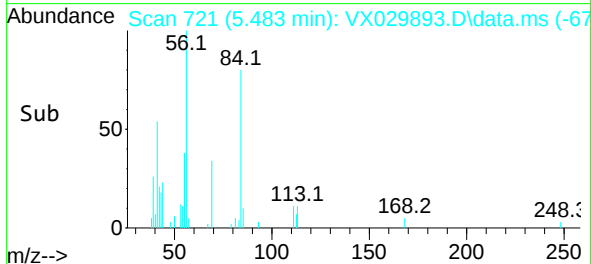
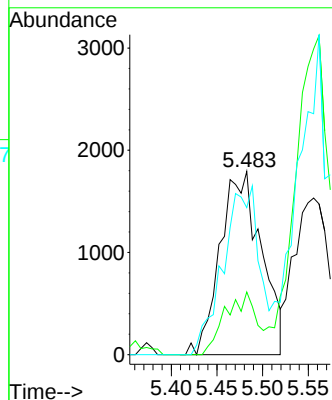


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
MW-30

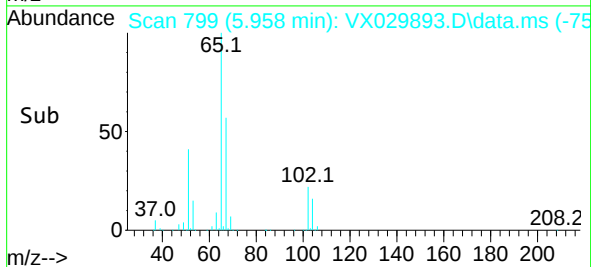
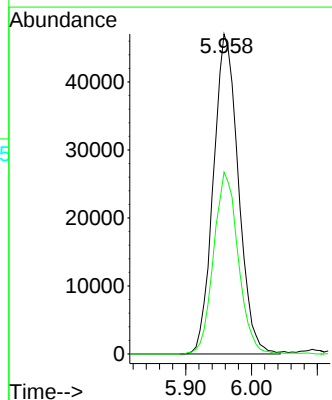
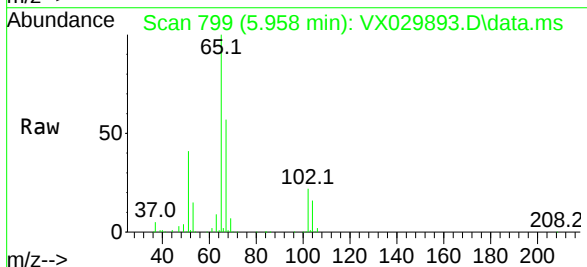


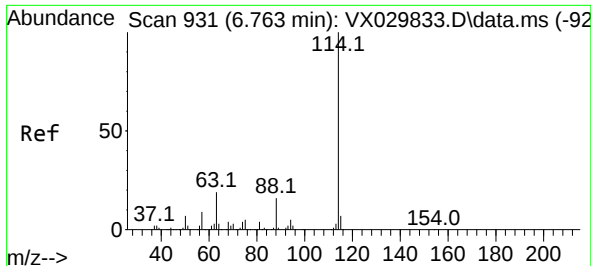
Tgt Ion: 56 Resp: 5615
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.0
84 80.3 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 44.181 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion: 65 Resp: 124443
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

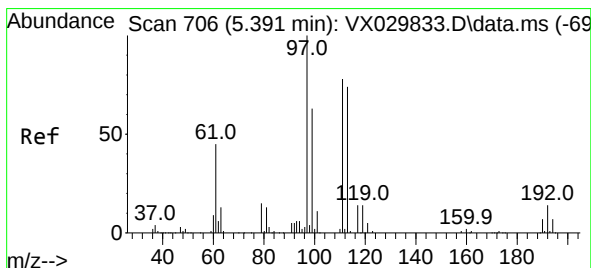
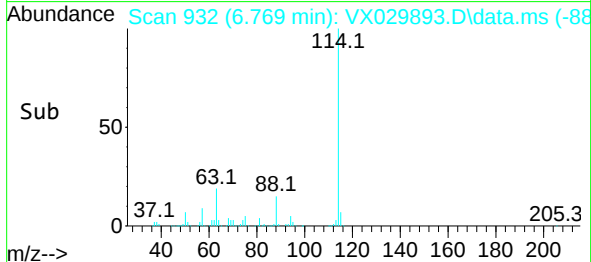
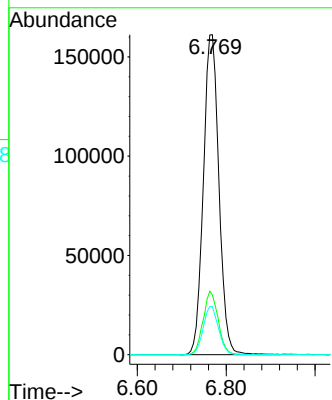
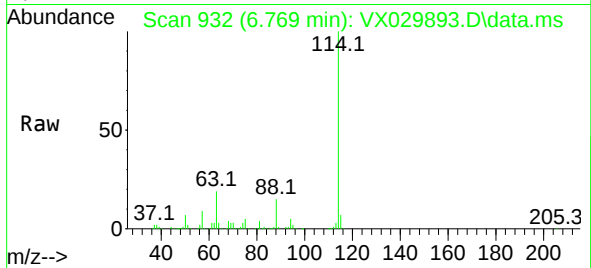




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

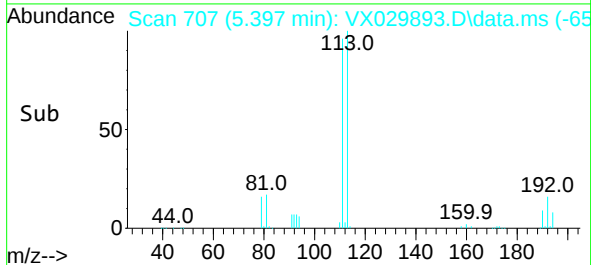
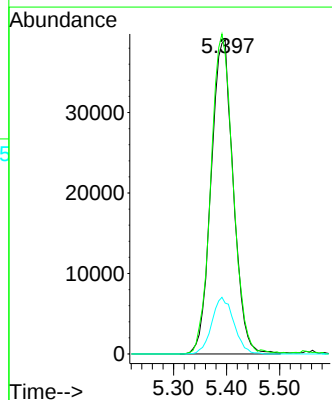
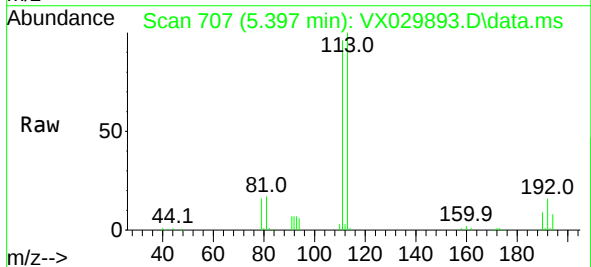
Instrument :
MSVOA_X
ClientSampleId :
MW-30

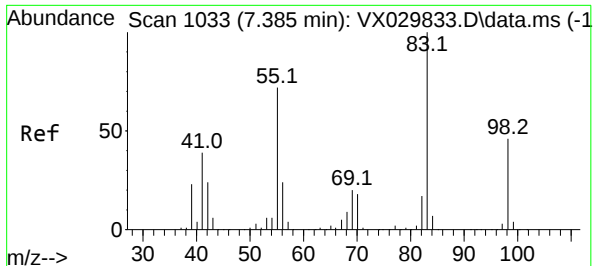
Tgt Ion:114 Resp: 393681
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.071 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion:113 Resp: 113348
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.0 14.8 22.2





#39

Methylcyclohexane

Concen: 0.781 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

MW-30

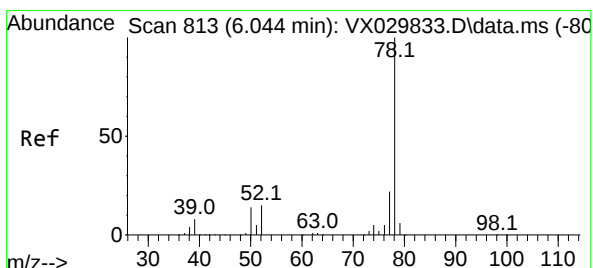
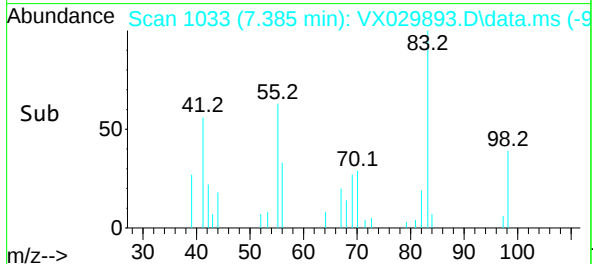
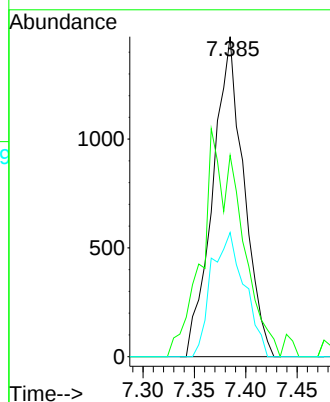
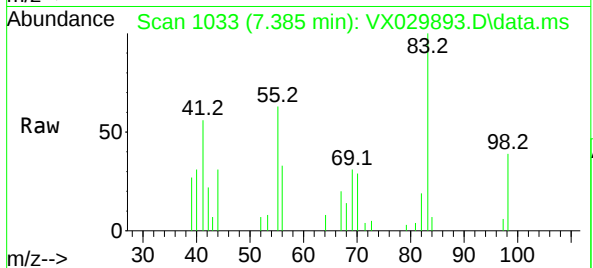
Tgt Ion: 83 Resp: 3091

Ion Ratio Lower Upper

83 100

55 62.9 57.7 86.5

98 38.8 36.5 54.7



#40

Benzene

Concen: 55.907 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029893.D

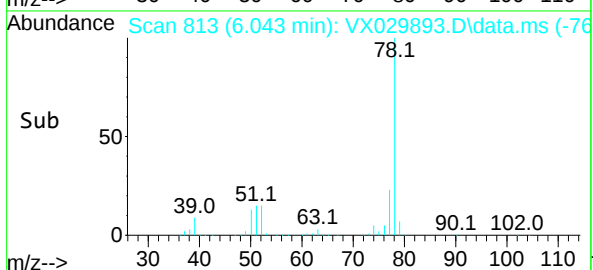
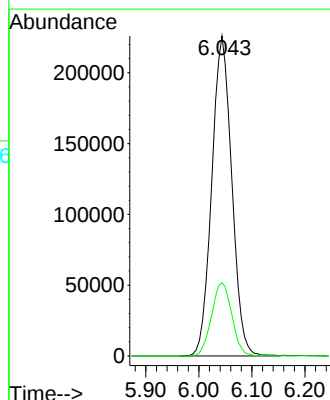
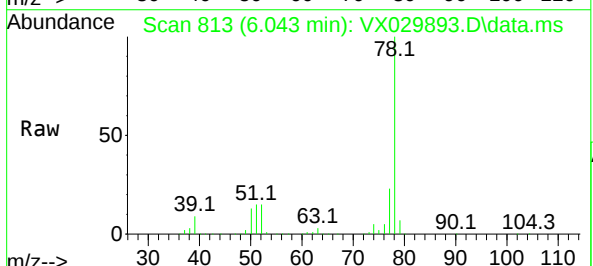
Acq: 30 Jun 2022 04:50

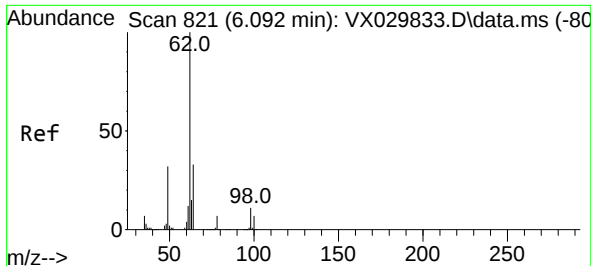
Tgt Ion: 78 Resp: 591547

Ion Ratio Lower Upper

78 100

77 22.9 18.0 27.0





#42

1,2-Dichloroethane

Concen: 9.070 ug/l

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

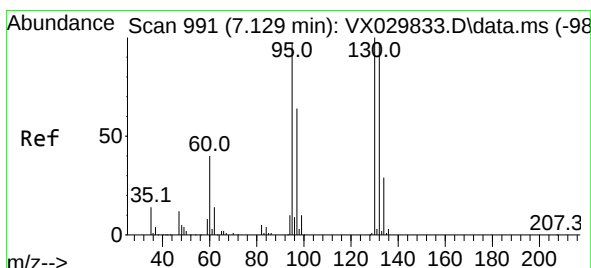
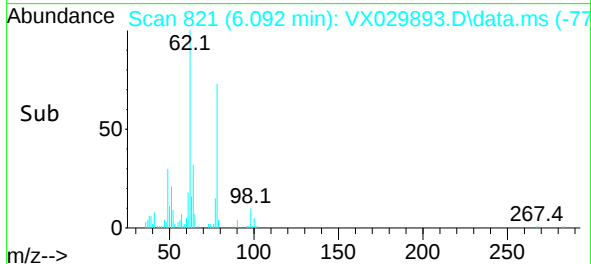
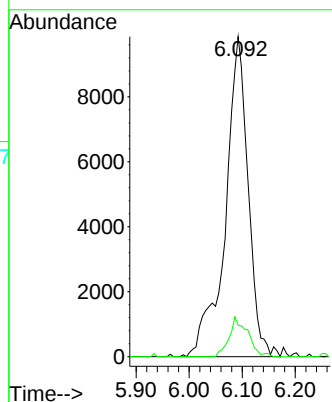
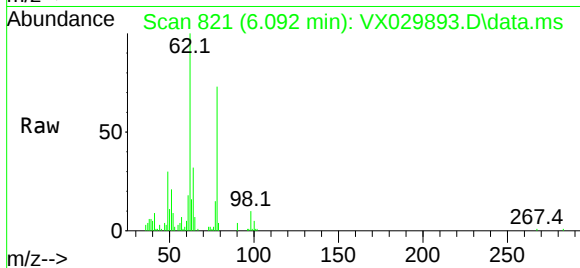
MW-30

Tgt Ion: 62 Resp: 29454

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.2



#44

Trichloroethene

Concen: 0.299 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX029893.D

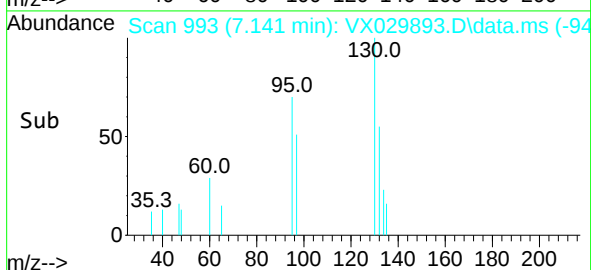
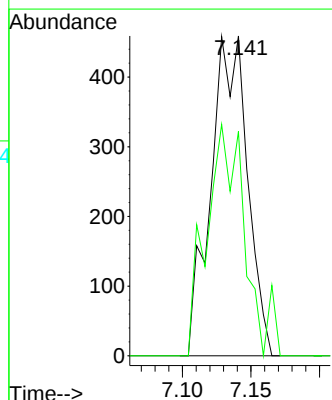
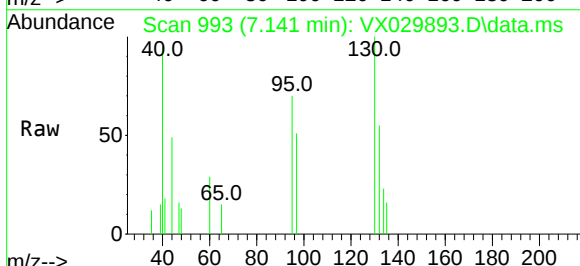
Acq: 30 Jun 2022 04:50

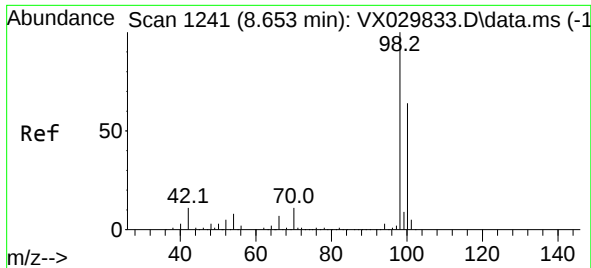
Tgt Ion: 130 Resp: 853

Ion Ratio Lower Upper

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95 70.2 0.0 194.8

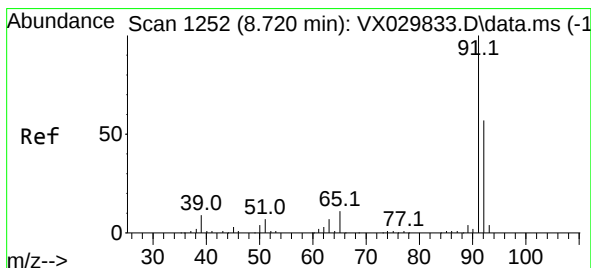
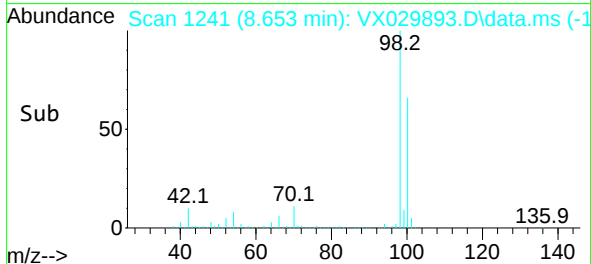
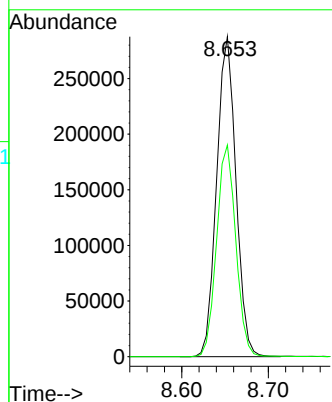
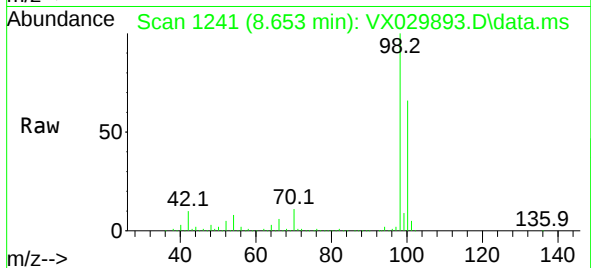




#50
Toluene-d8
Concen: 48.226 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

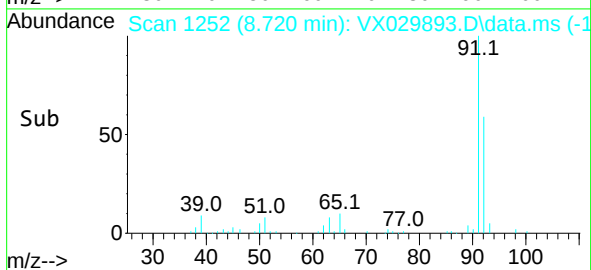
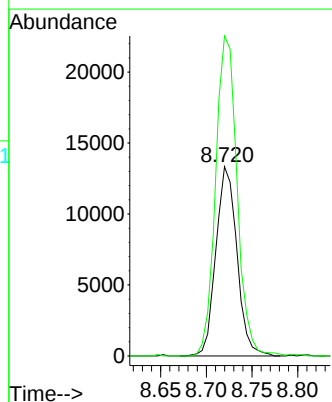
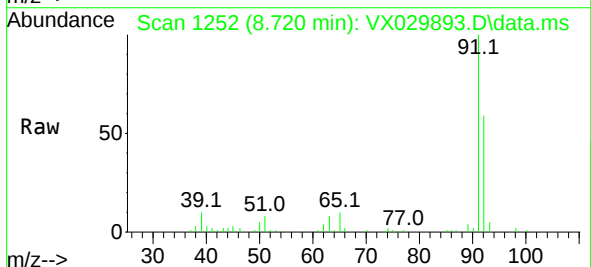
Instrument :
MSVOA_X
ClientSampleId :
MW-30

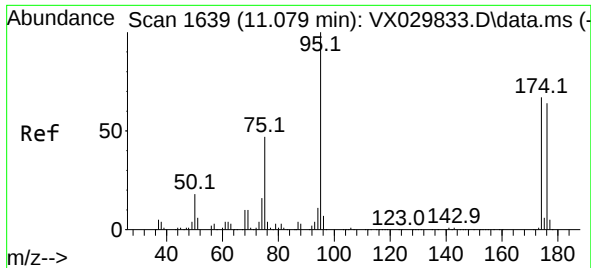
Tgt Ion: 98 Resp: 445115
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#52
Toluene
Concen: 3.351 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion: 92 Resp: 21397
Ion Ratio Lower Upper
92 100
91 172.5 139.2 208.8

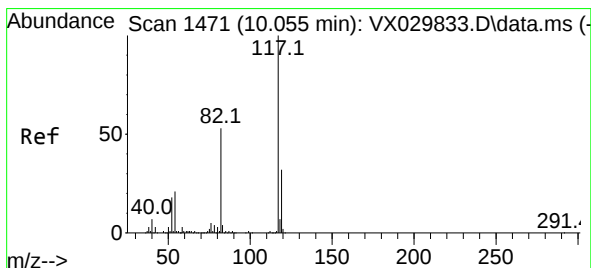
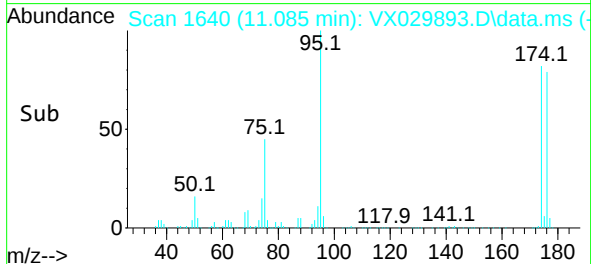
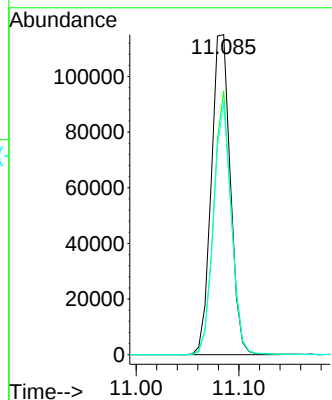
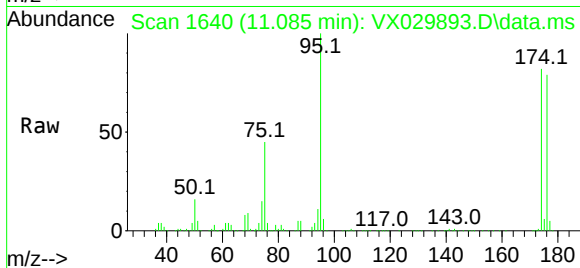




#62
4-Bromofluorobenzene
Concen: 45.444 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

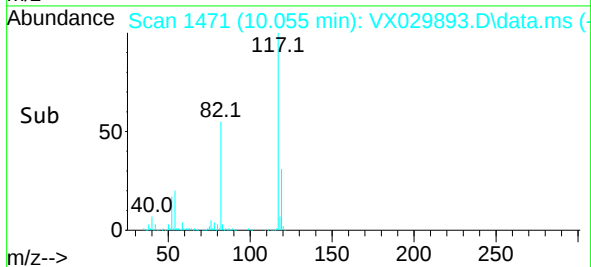
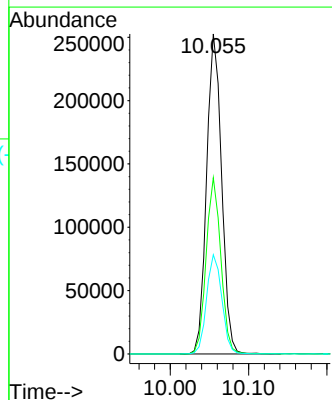
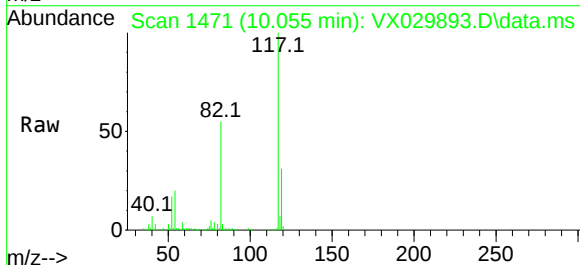
Instrument :
MSVOA_X
ClientSampleId :
MW-30

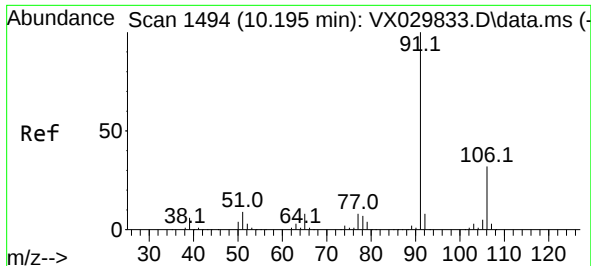
Tgt Ion: 95 Resp: 148265
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.0
176 73.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion: 117 Resp: 335618
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 31.0 25.4 38.2

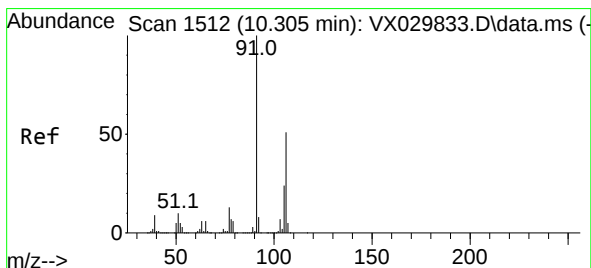
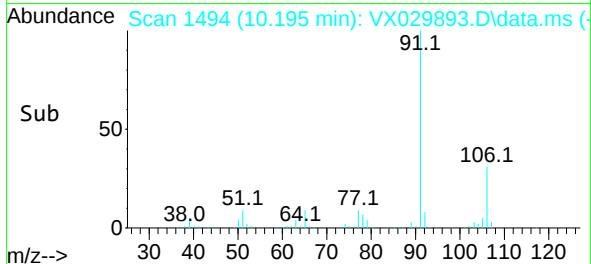
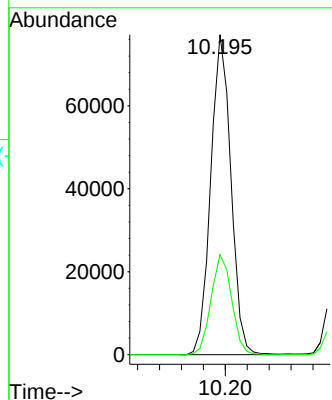
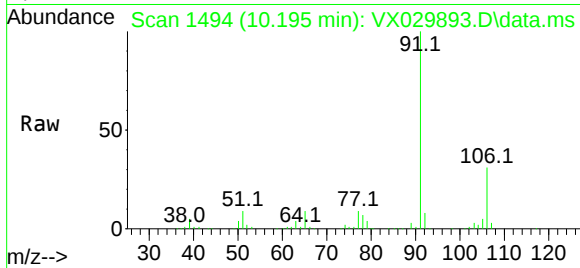




#67
Ethyl Benzene
Concen: 8.406 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

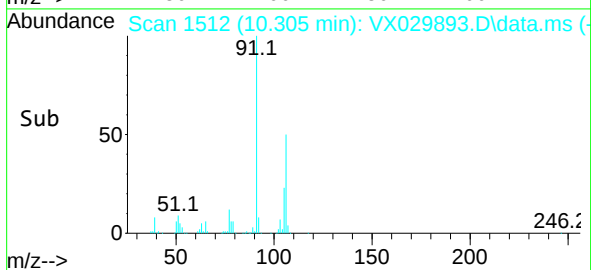
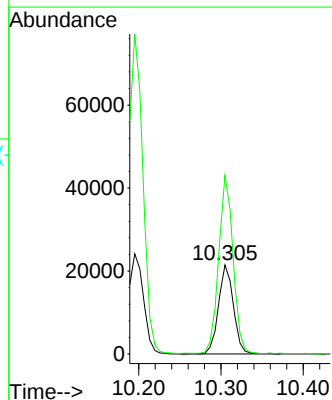
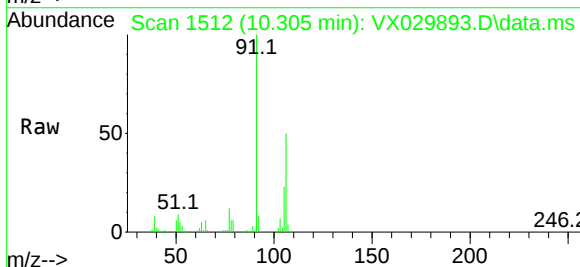
Instrument :
MSVOA_X
ClientSampleId :
MW-30

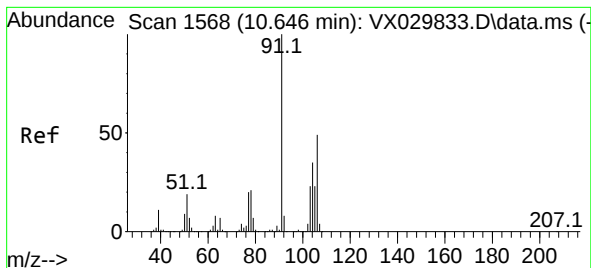
Tgt Ion: 91 Resp: 98500
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 6.025 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion: 106 Resp: 27078
Ion Ratio Lower Upper
106 100
91 192.9 158.2 237.4





#69

o-Xylene

Concen: 0.797 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

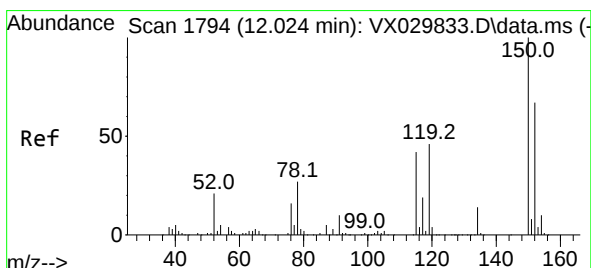
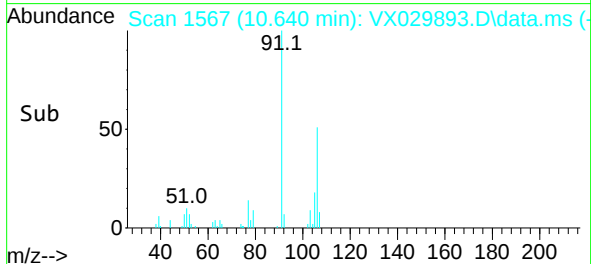
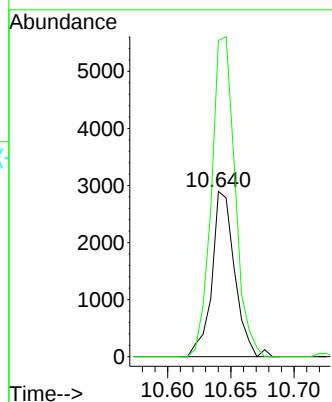
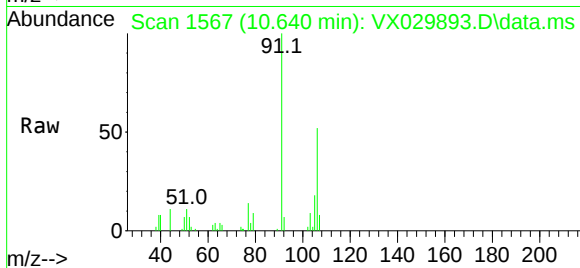
MW-30

Tgt Ion:106 Resp: 3627

Ion Ratio Lower Upper

106 100

91 200.6 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

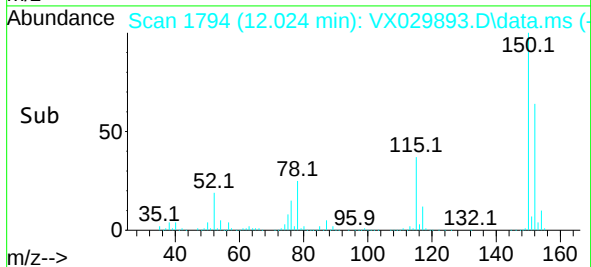
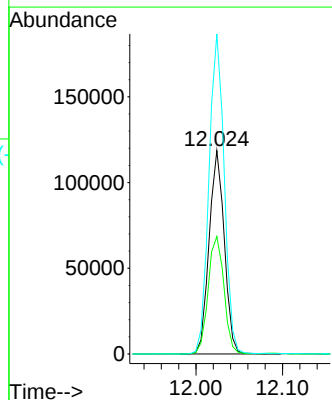
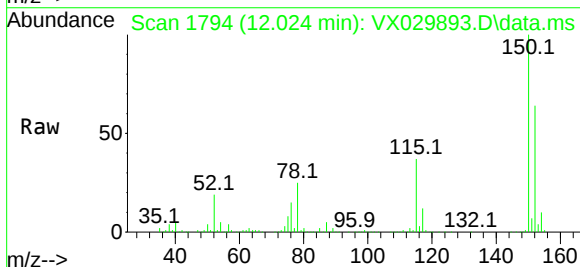
Tgt Ion:152 Resp: 144790

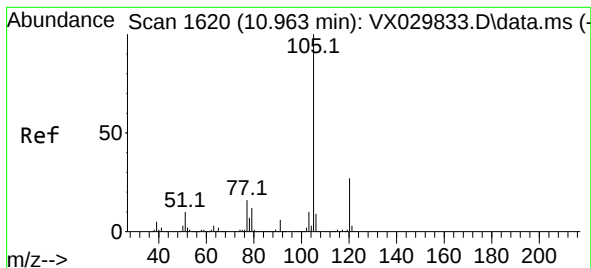
Ion Ratio Lower Upper

152 100

115 59.8 40.5 121.5

150 157.9 0.0 347.0





#73

Isopropylbenzene

Concen: 0.395 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029893.D

Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

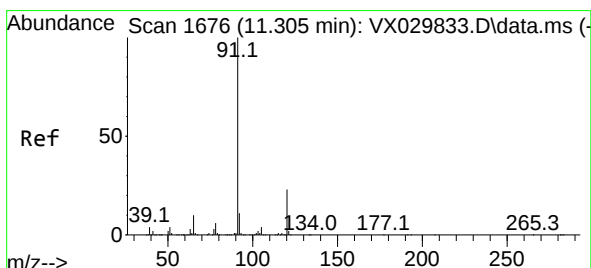
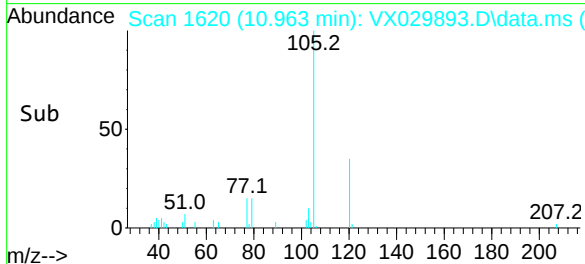
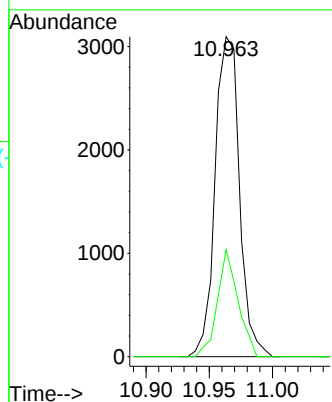
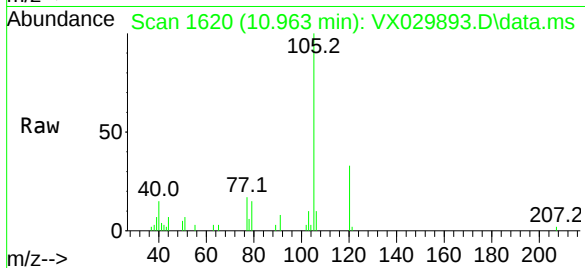
MW-30

Tgt Ion:105 Resp: 4138

Ion Ratio Lower Upper

105 100

120 28.3 13.5 40.4



#78

n-propylbenzene

Concen: 0.996 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029893.D

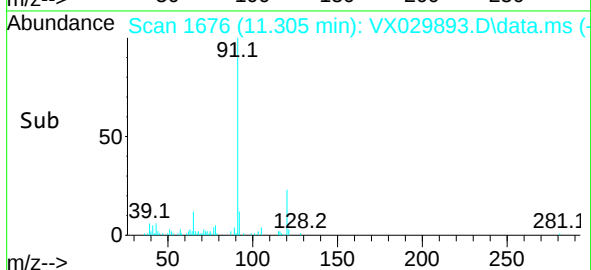
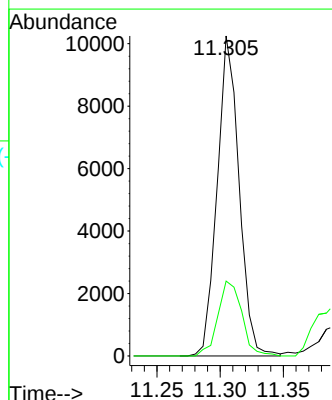
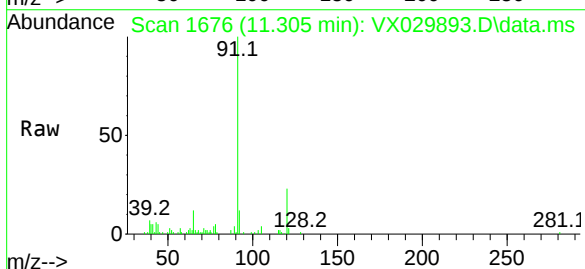
Acq: 30 Jun 2022 04:50

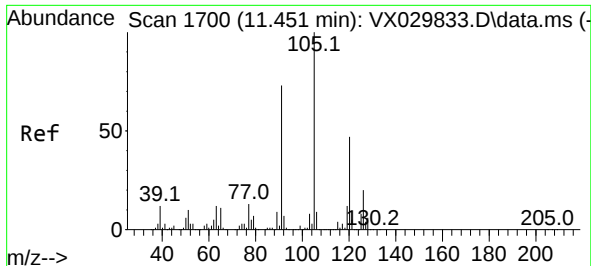
Tgt Ion: 91 Resp: 12304

Ion Ratio Lower Upper

91 100

120 25.6 11.6 34.8

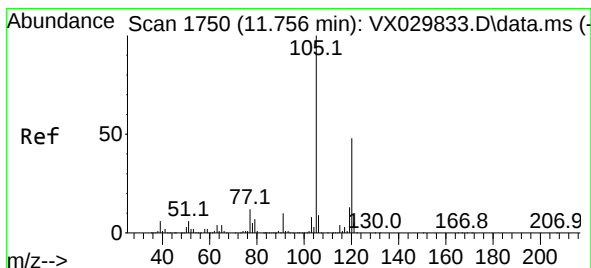
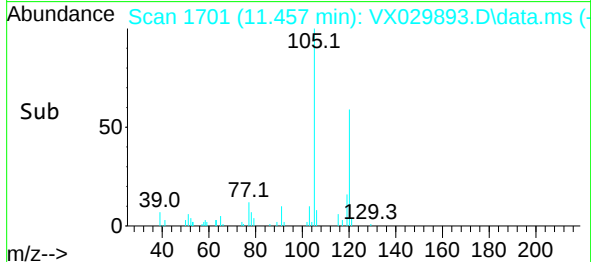
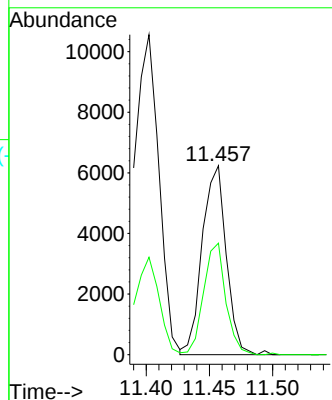
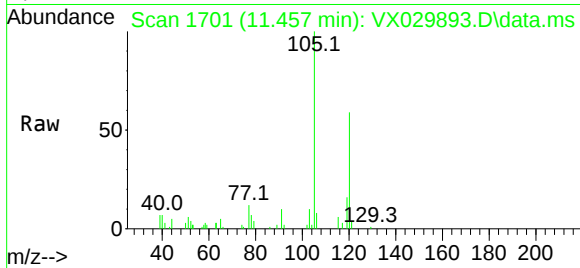




#80
1,3,5-Trimethylbenzene
Concen: 0.952 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

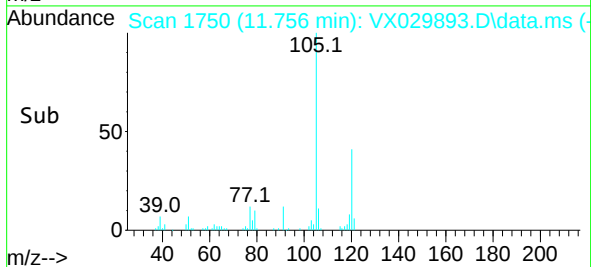
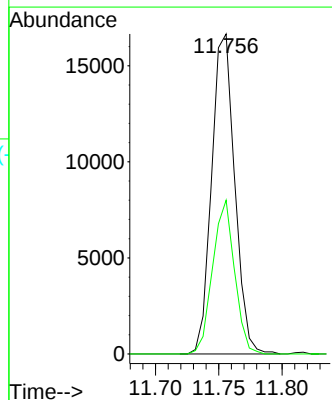
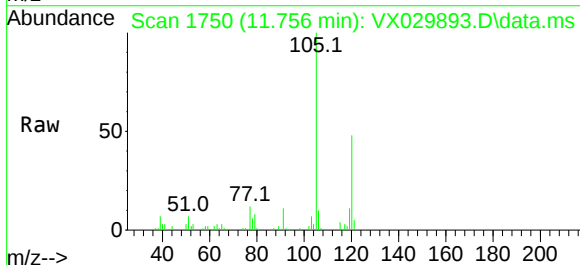
Instrument :
MSVOA_X
ClientSampleId :
MW-30

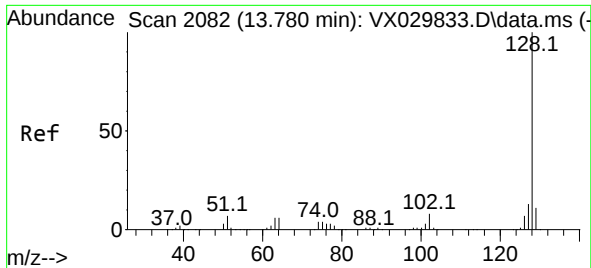
Tgt Ion:105 Resp: 8276
Ion Ratio Lower Upper
105 100
120 54.3 24.4 73.2



#84
1,2,4-Trimethylbenzene
Concen: 2.426 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029893.D
Acq: 30 Jun 2022 04:50

Tgt Ion:105 Resp: 21135
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8





#95

Naphthalene

Concen: 5.249 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX029893.D

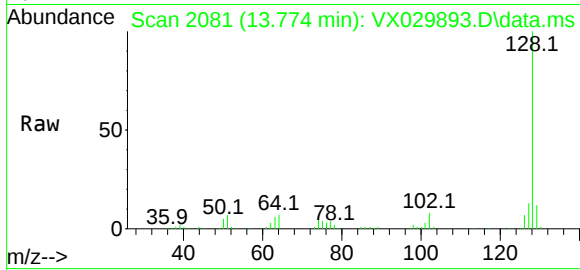
Acq: 30 Jun 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

MW-30



Tgt Ion:128 Resp: 61390

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.7 8.6 13.0

