

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029646.D
 Acq On : 21 Jun 2022 07:18
 Operator : JC/MD
 Sample : N3354-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-53

Quant Time: Jun 21 08:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

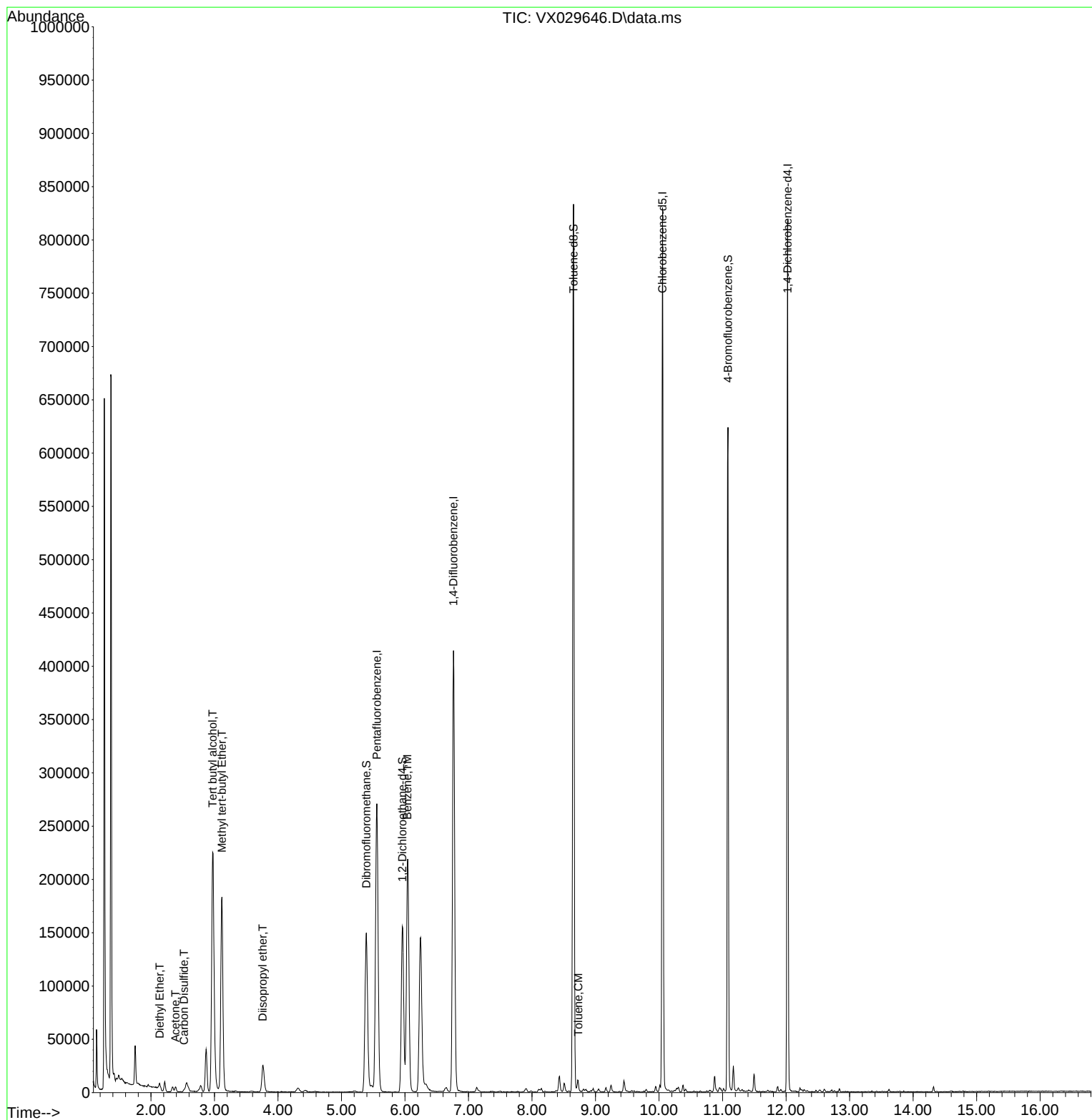
Internal Standards						
1) Pentafluorobenzene	5.556	168	260863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152620	44.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.400%
35) Dibromofluoromethane	5.391	113	131797	45.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.653	98	499579	47.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	11.085	95	180353	45.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	1332	0.774	ug/l	83
11) Tert butyl alcohol	2.971	59	339135	458.388	ug/l	99
16) Acetone	2.386	43	5082	3.692	ug/l	93
17) Carbon Disulfide	2.520	76	5063	0.739	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	216460	23.592	ug/l	98
22) Diisopropyl ether	3.757	45	26755	3.170	ug/l	88
40) Benzene	6.037	78	279250	23.971	ug/l	97
52) Toluene	8.726	92	3775	0.506	ug/l	100

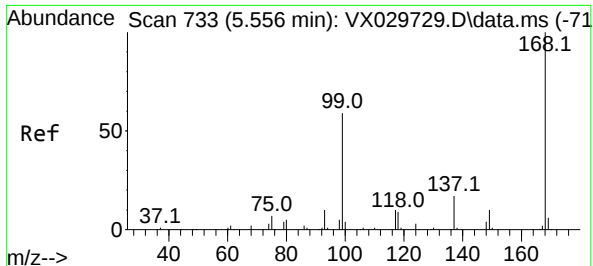
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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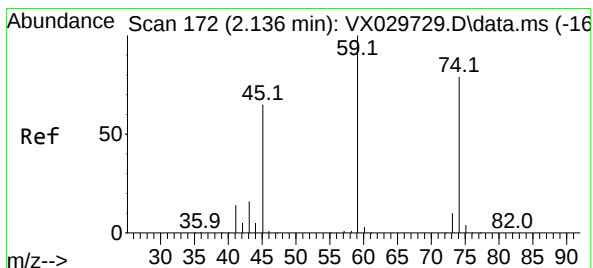
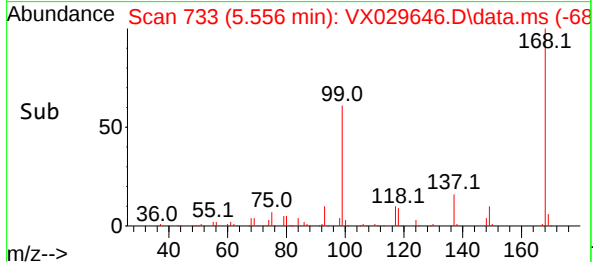
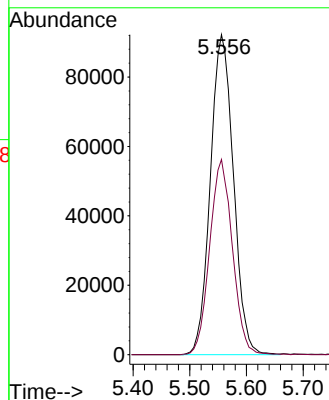
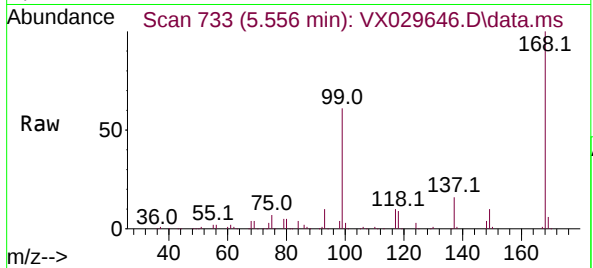




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

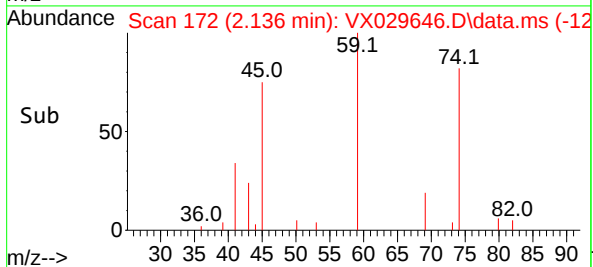
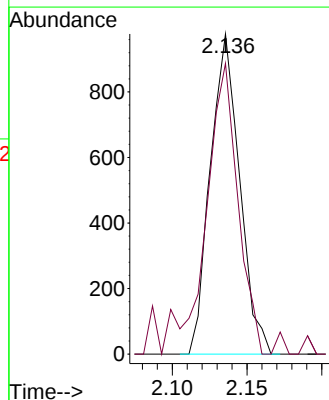
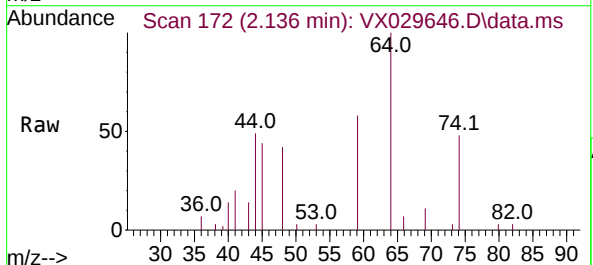
Instrument :
MSVOA_X
ClientSampleId :
MW-53

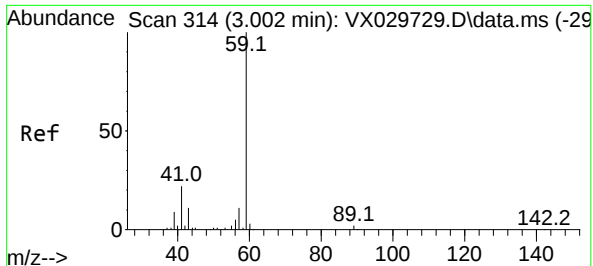
Tgt Ion:168 Resp: 260863
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#8
Diethyl Ether
Concen: 0.774 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion: 74 Resp: 1332
Ion Ratio Lower Upper
74 100
45 99.0 42.0 126.0





#11

Tert butyl alcohol

Concen: 458.388 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX029646.D

Acq: 21 Jun 2022 07:18

Instrument :

MSVOA_X

ClientSampleId :

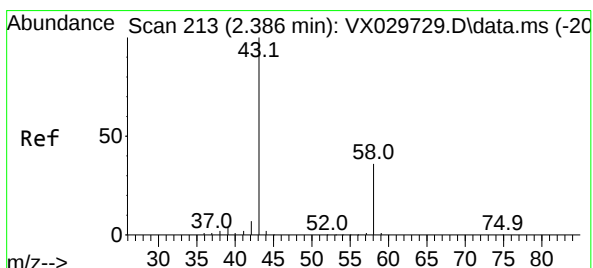
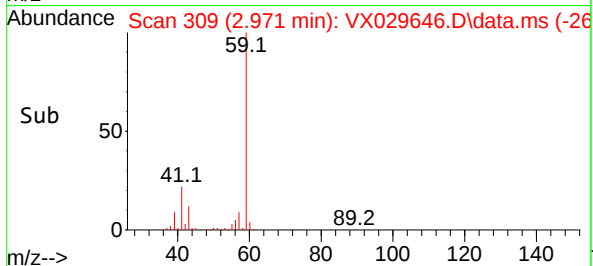
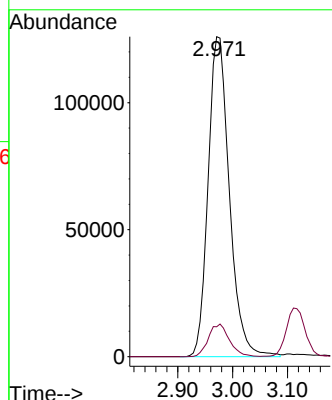
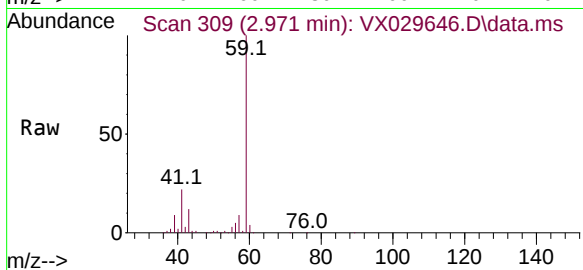
MW-53

Tgt Ion: 59 Resp: 339135

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#16

Acetone

Concen: 3.692 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029646.D

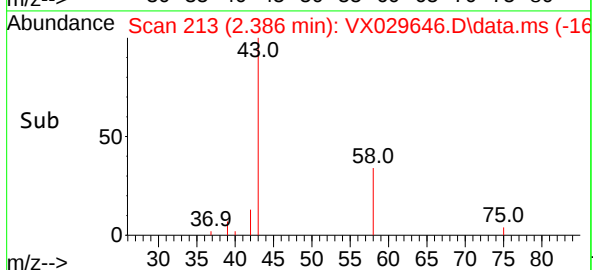
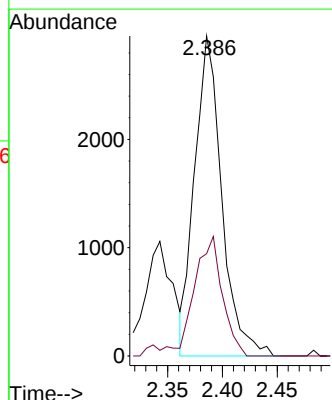
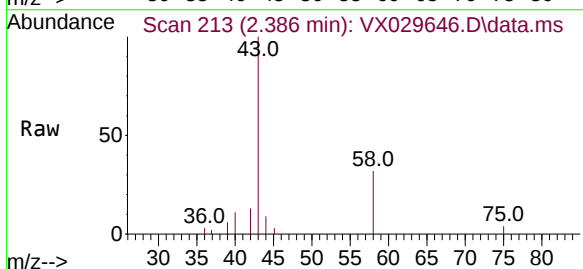
Acq: 21 Jun 2022 07:18

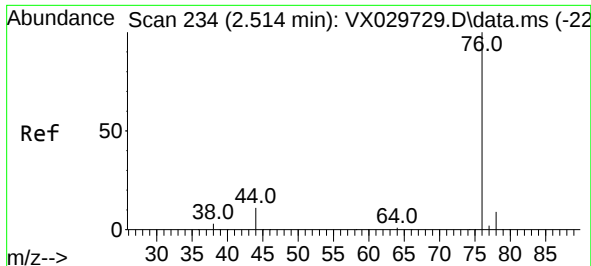
Tgt Ion: 43 Resp: 5082

Ion Ratio Lower Upper

43 100

58 32.0 28.8 43.2

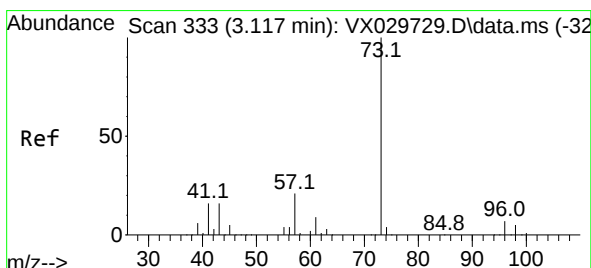
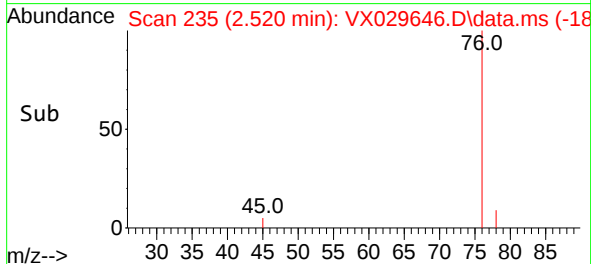
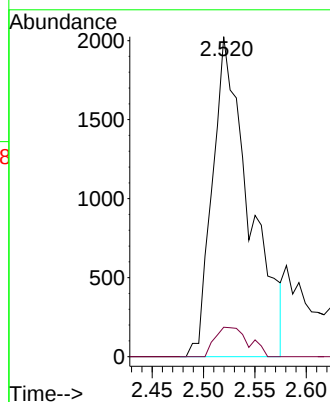
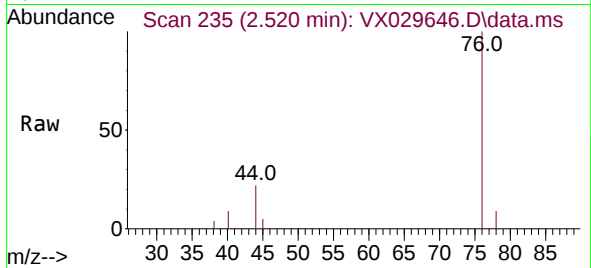




#17
Carbon Disulfide
Concen: 0.739 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

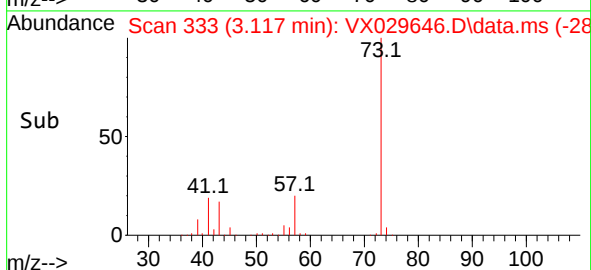
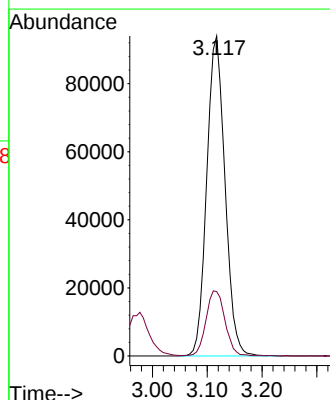
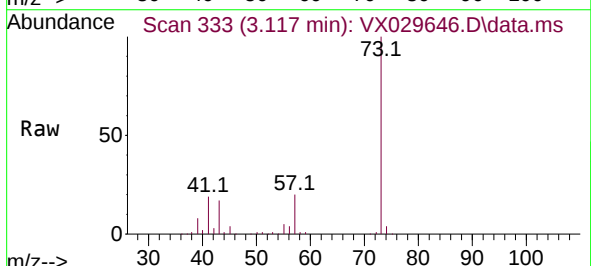
Instrument :
MSVOA_X
ClientSampleId :
MW-53

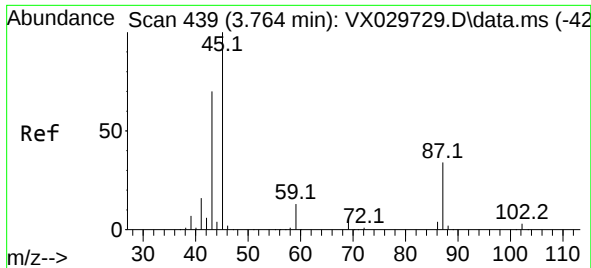
Tgt Ion: 76 Resp: 5063
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 23.592 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion: 73 Resp: 216460
Ion Ratio Lower Upper
73 100
57 20.1 16.8 25.2

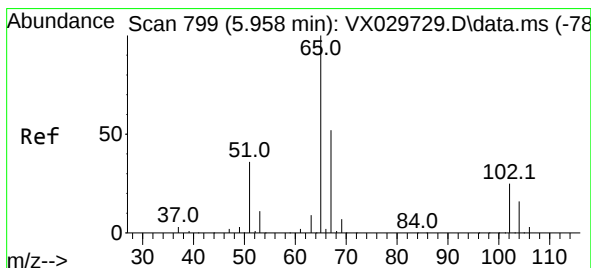
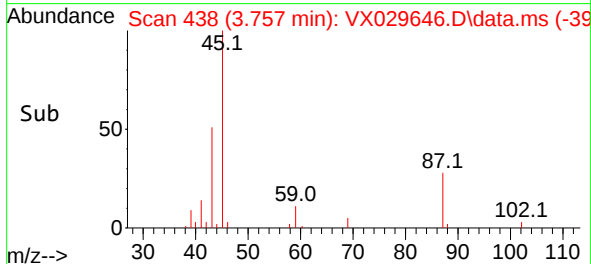
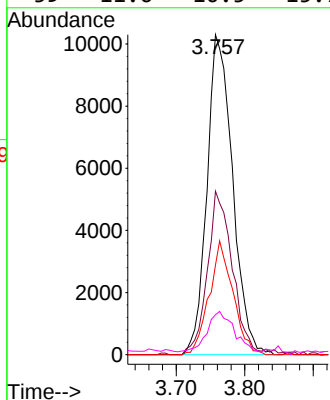
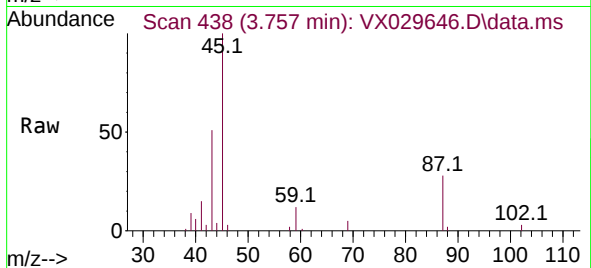




#22
Diisopropyl ether
Concen: 3.170 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

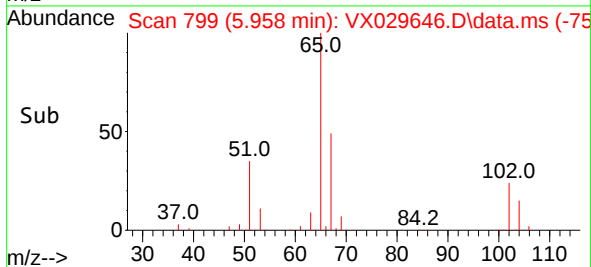
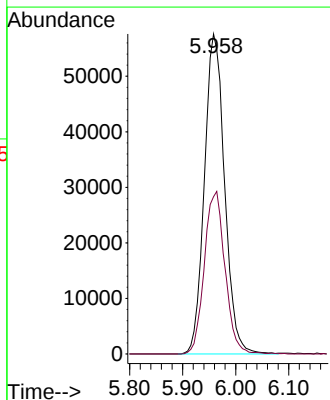
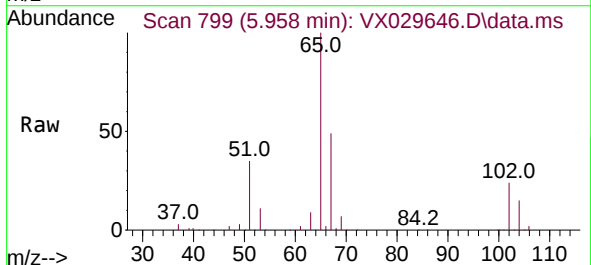
Instrument :
MSVOA_X
ClientSampleId :
MW-53

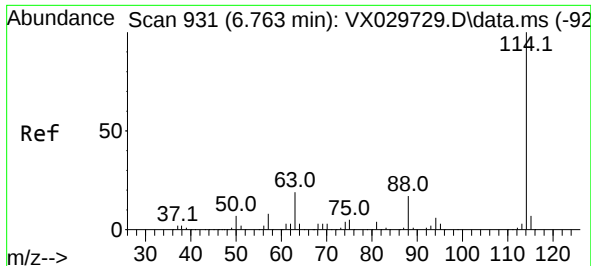
Tgt Ion:	45	Resp:	26755
Ion	Ratio	Lower	Upper
45	100		
43	51.1	50.8	76.2
87	28.0	26.6	39.8
59	11.6	10.5	15.7



#33
1,2-Dichloroethane-d4
Concen: 44.198 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion:	65	Resp:	152620
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4

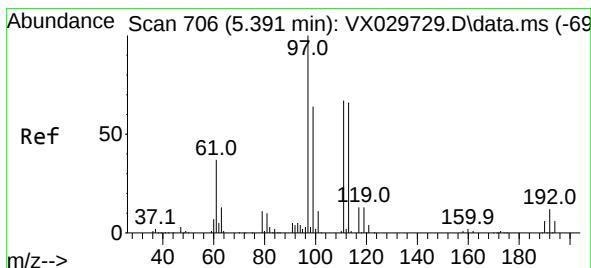
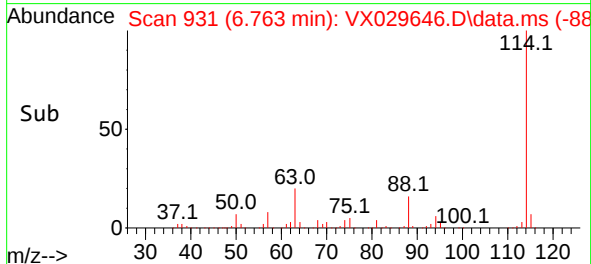
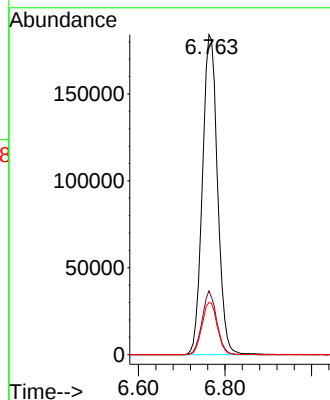
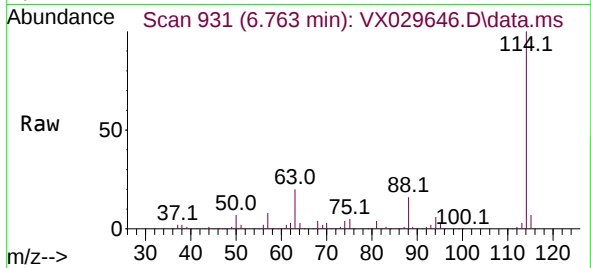




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

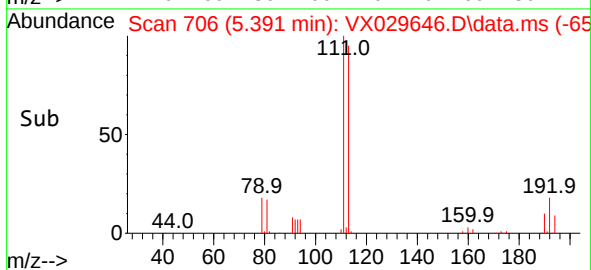
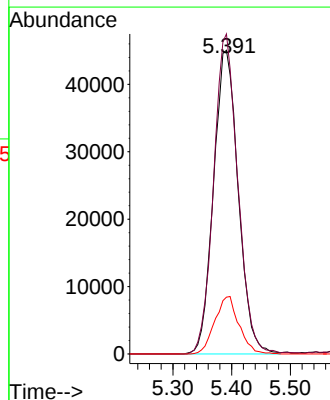
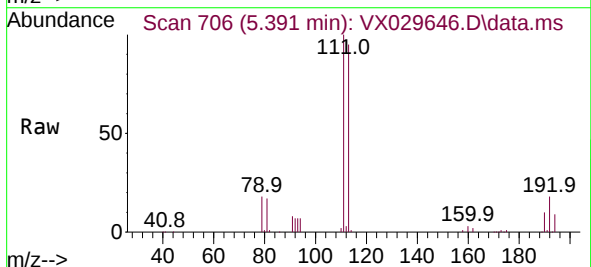
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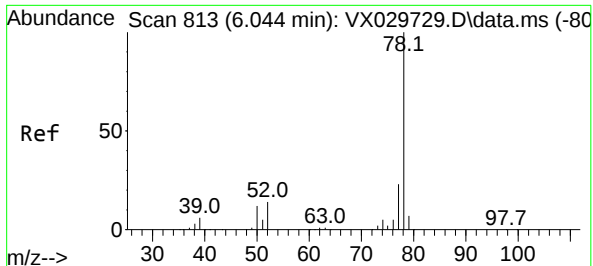
Tgt Ion:114 Resp: 445562
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.390 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion:113 Resp: 131797
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.5 16.9 25.3

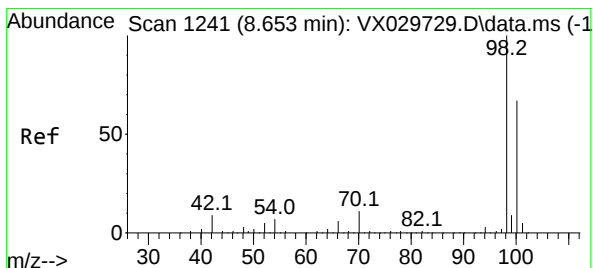
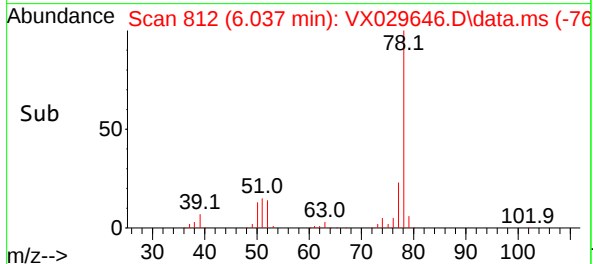
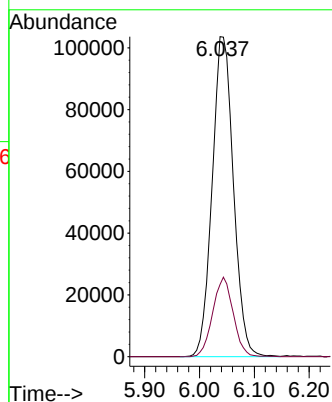
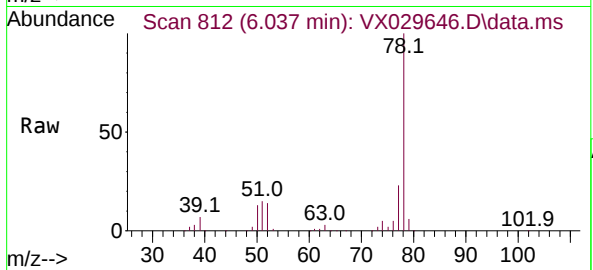




#40
Benzene
Concen: 23.971 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

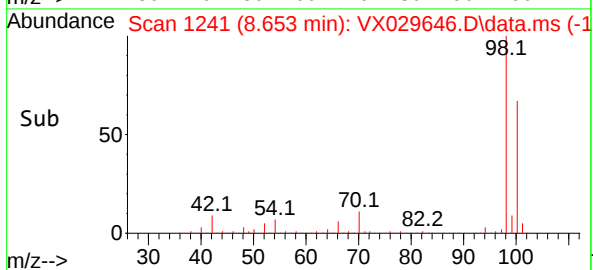
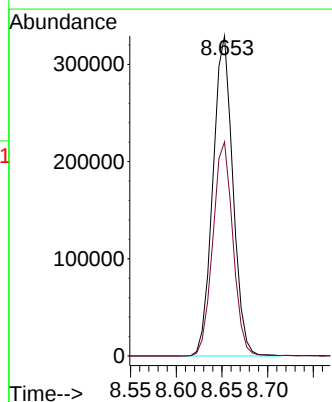
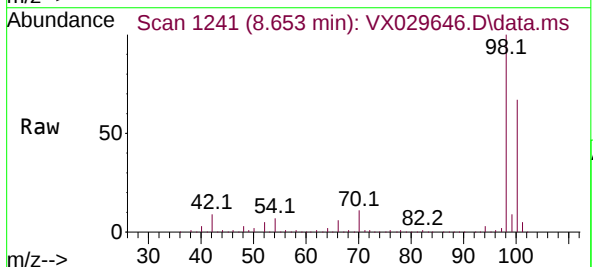
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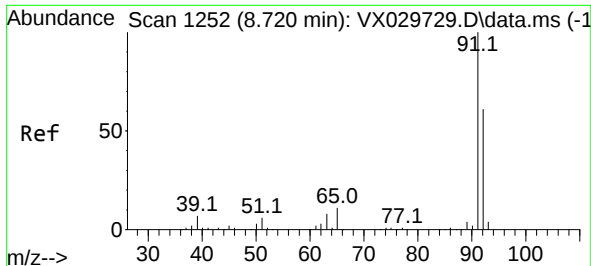
Tgt Ion: 78 Resp: 279250
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9



#50
Toluene-d8
Concen: 47.096 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion: 98 Resp: 499579
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8





#52

Toluene

Concen: 0.506 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029646.D

Acq: 21 Jun 2022 07:18

Instrument :

MSVOA_X

ClientSampleId :

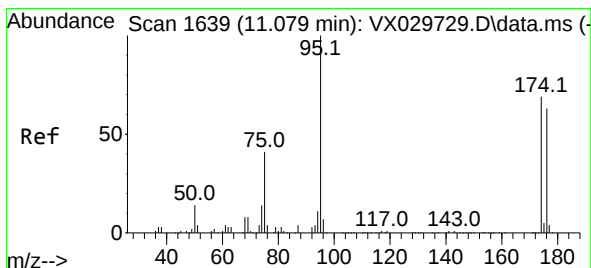
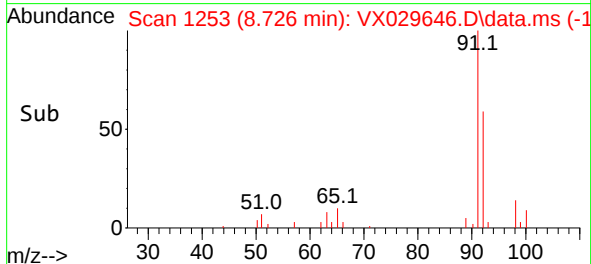
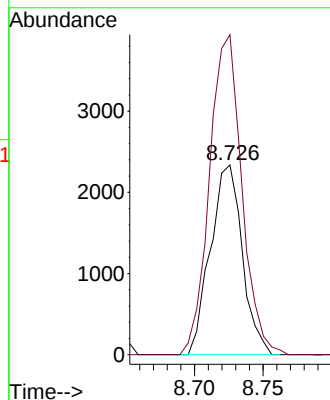
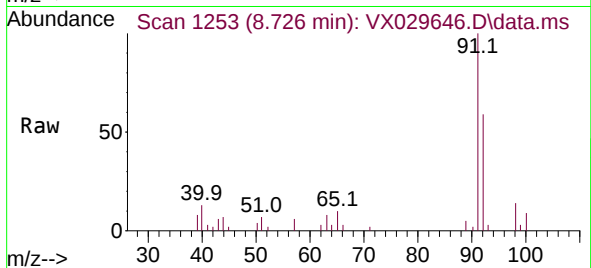
MW-53

Tgt Ion: 92 Resp: 3775

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 45.085 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029646.D

Acq: 21 Jun 2022 07:18

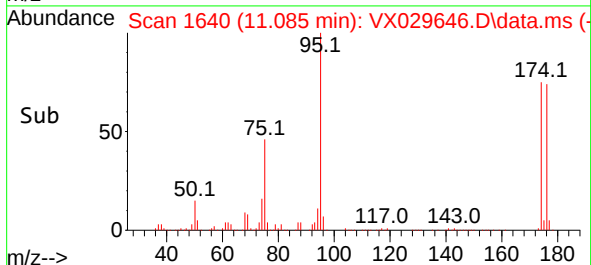
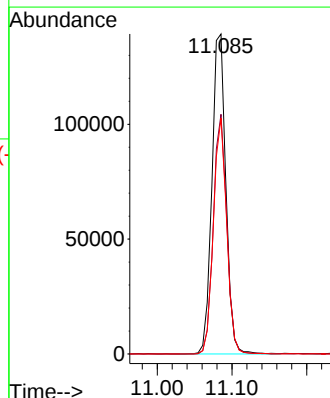
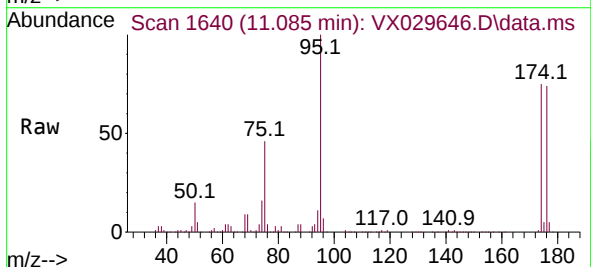
Tgt Ion: 95 Resp: 180353

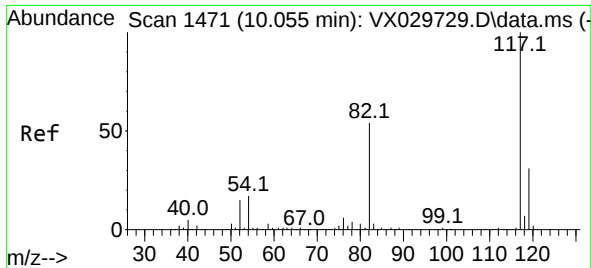
Ion Ratio Lower Upper

95 100

174 72.0 0.0 163.0

176 70.3 0.0 155.0

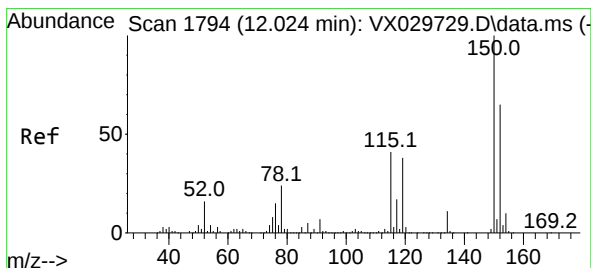
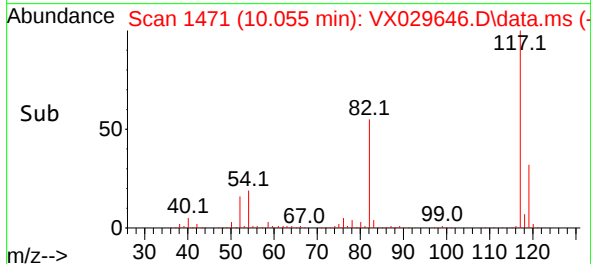
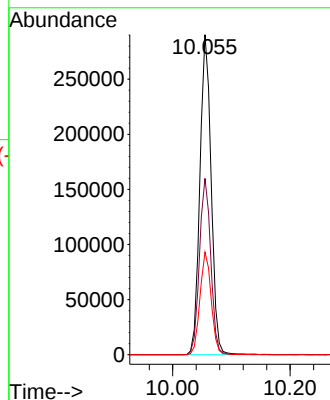
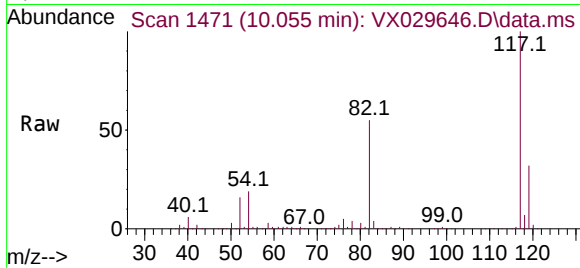




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Instrument :
MSVOA_X
ClientSampleId :
MW-53

Tgt Ion:117 Resp: 384120
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029646.D
Acq: 21 Jun 2022 07:18

Tgt Ion:152 Resp: 167349
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 155.1 0.0 338.2

