

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029596.D
 Acq On : 19 Jun 2022 02:17
 Operator : JC/MD
 Sample : N3290-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D2

Quant Time: Jun 20 01:39:38 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)

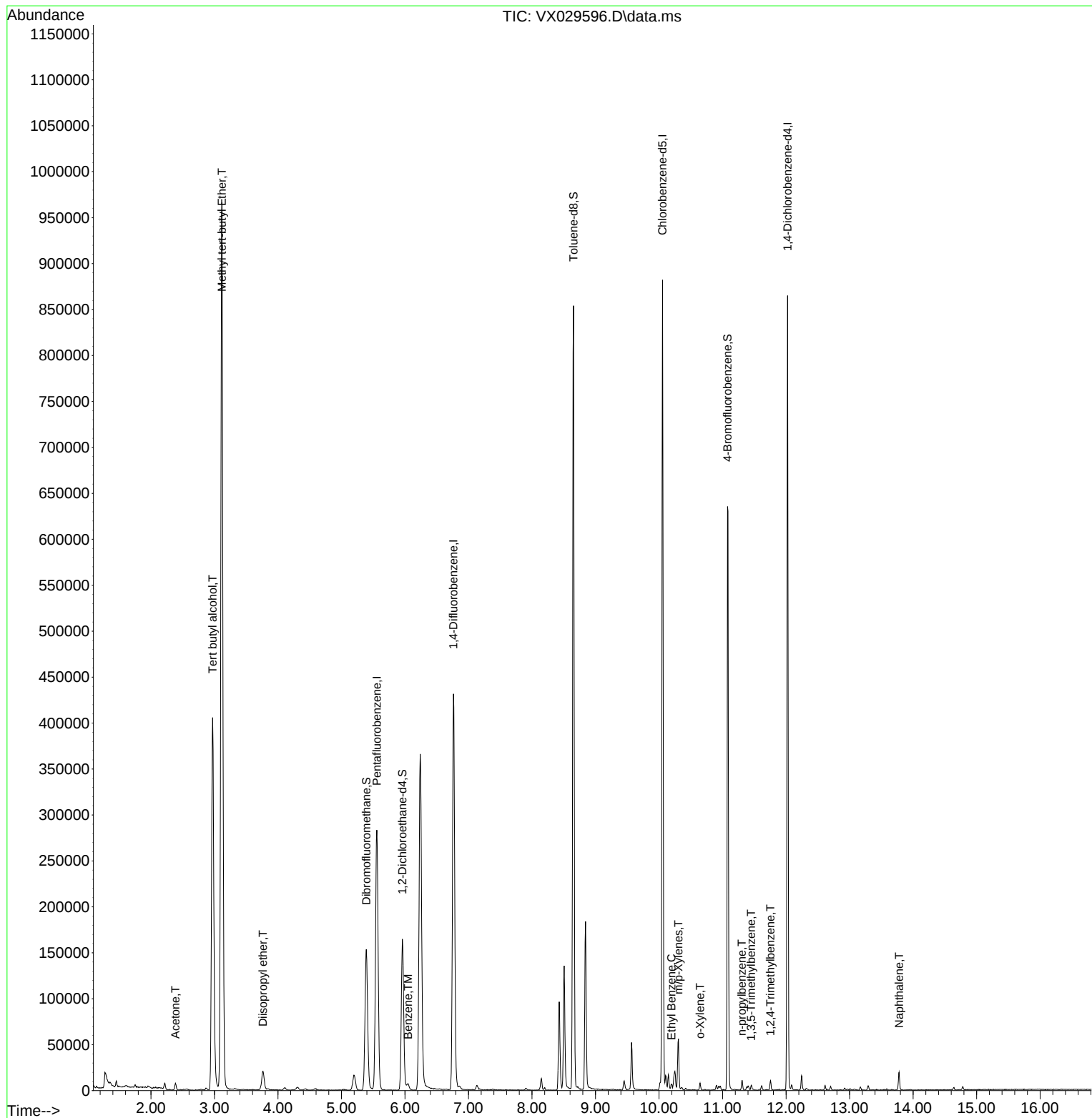
Internal Standards						
1) Pentafluorobenzene	5.556	168	273804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156807	43.264	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.520%
35) Dibromofluoromethane	5.391	113	137973	45.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.653	98	526066	47.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.079	95	190856	45.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	579019	751.656	ug/l	99
16) Acetone	2.386	43	7834	5.423	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1159555	120.409	ug/l	99
22) Diisopropyl ether	3.763	45	22391	2.527	ug/l #	83
40) Benzene	6.050	78	7949	0.653	ug/l	96
67) Ethyl Benzene	10.195	91	4629	0.326	ug/l #	89
68) m/p-Xylenes	10.305	106	13553	2.445	ug/l	99
69) o-Xylene	10.646	106	1494	0.273	ug/l	89
78) n-propylbenzene	11.305	91	7513	0.498	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	2463	0.218	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4892	0.435	ug/l	98
95) Naphthalene	13.780	128	14356	1.145	ug/l	97

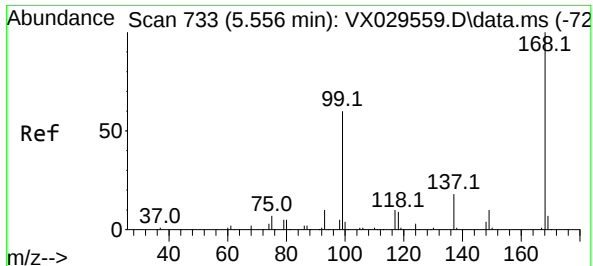
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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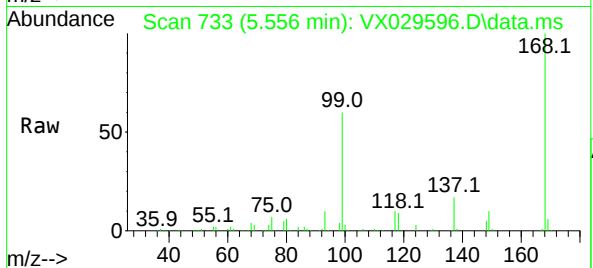
Quant Time: Jun 20 01:39:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



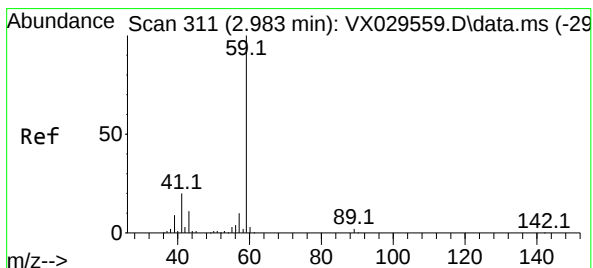
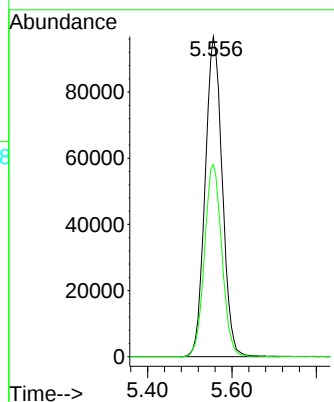
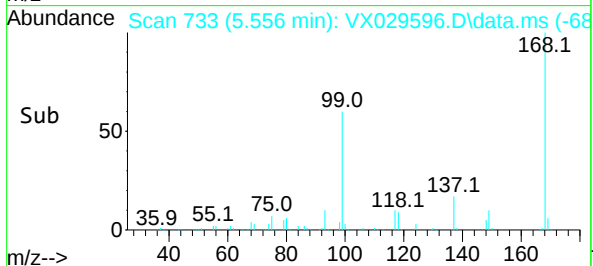


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

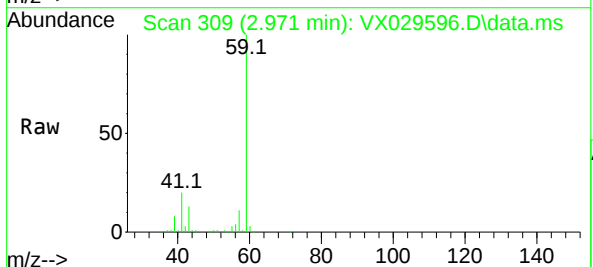
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MSVOA_X
ClientSampleId :
MW-28D2



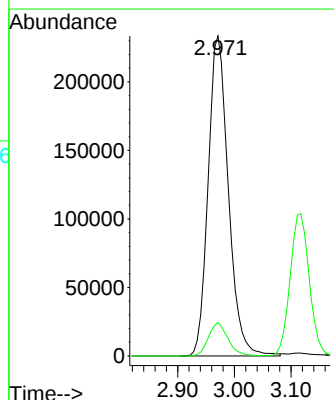
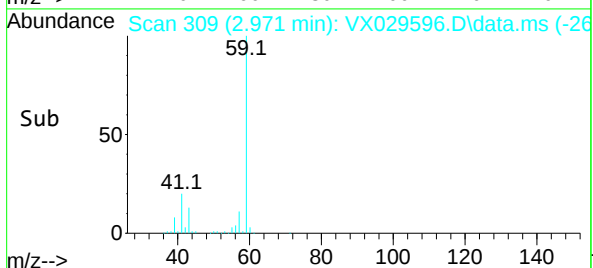
Tgt Ion:168 Resp: 273804
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5

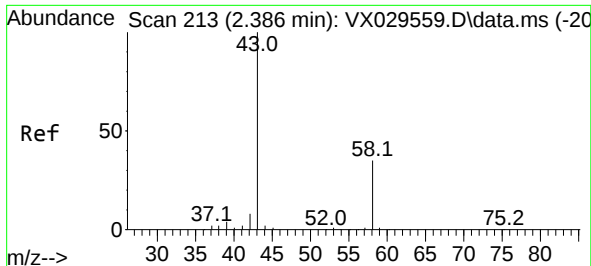


#11
Tert butyl alcohol
Concen: 751.656 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17



Tgt Ion: 59 Resp: 579019
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

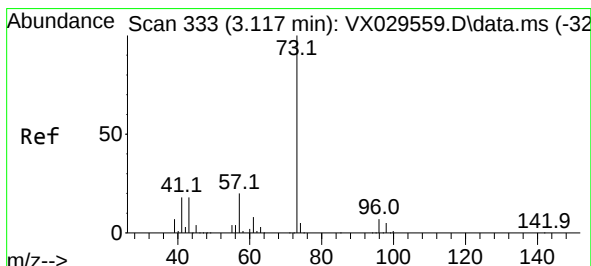
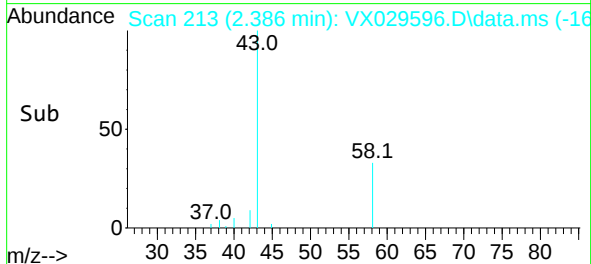
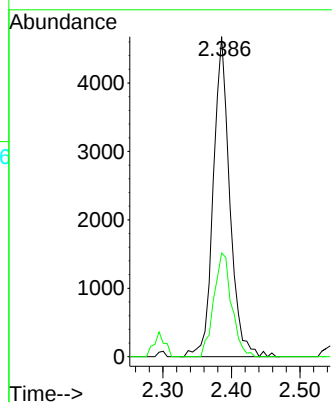
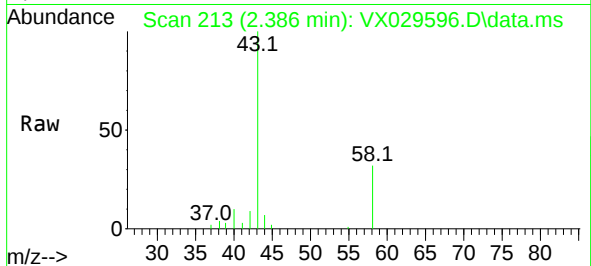




#16
 Acetone
 Concen: 5.423 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX029596.D
 Acq: 19 Jun 2022 02:17

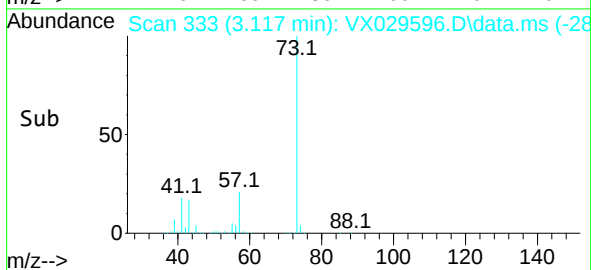
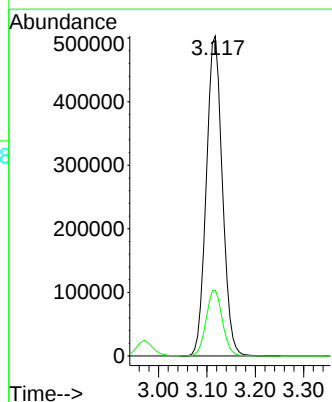
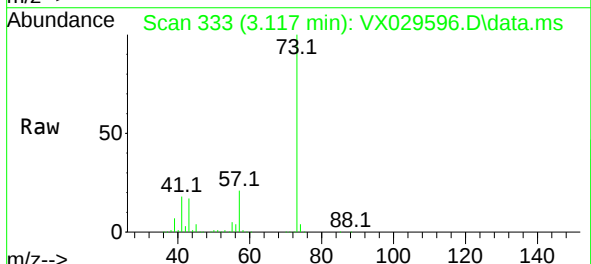
Instrument :
 MSVOA_X
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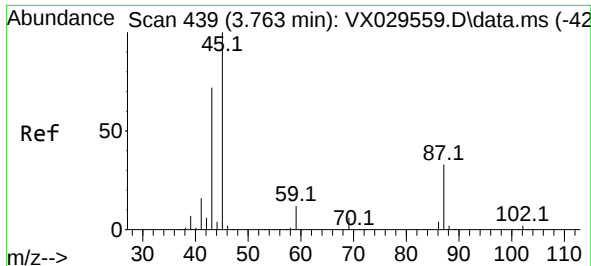
Tgt Ion: 43 Resp: 7834
 Ion Ratio Lower Upper
 43 100
 58 32.4 28.8 43.2



#19
 Methyl tert-butyl Ether
 Concen: 120.409 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VX029596.D
 Acq: 19 Jun 2022 02:17

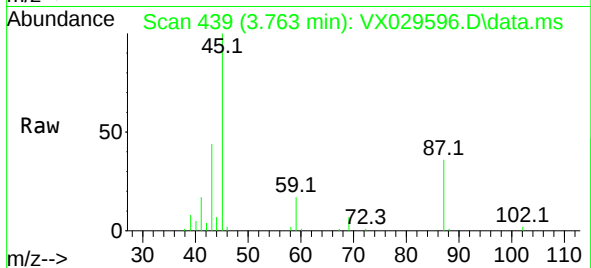
Tgt Ion: 73 Resp: 1159555
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.8 25.2



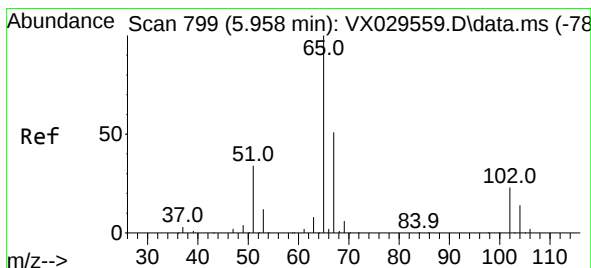
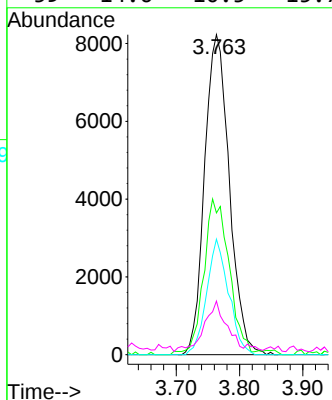
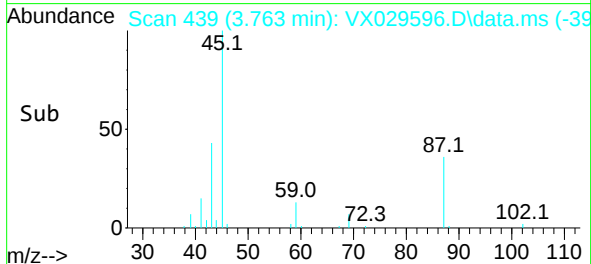


#22
Diisopropyl ether
Concen: 2.527 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

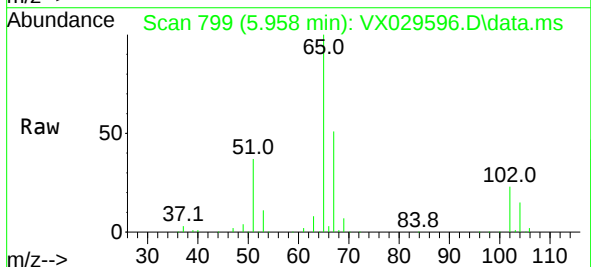
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2



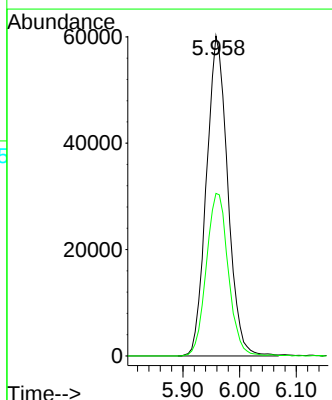
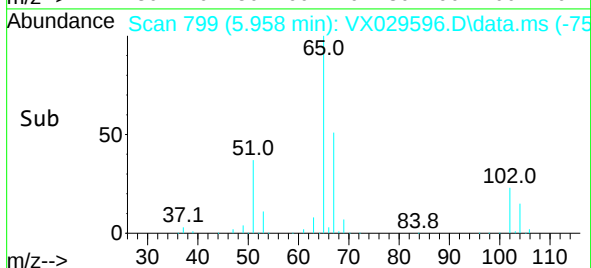
Tgt Ion:	45	Resp:	22391
Ion Ratio	100	Lower	Upper
43	43.6	50.8	76.2#
87	36.1	26.6	39.8
59	14.6	10.5	15.7

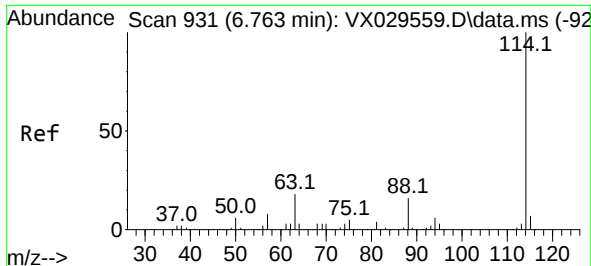


#33
1,2-Dichloroethane-d4
Concen: 43.264 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17



Tgt Ion:	65	Resp:	156807
Ion Ratio	100	Lower	Upper
67	52.4	0.0	107.4

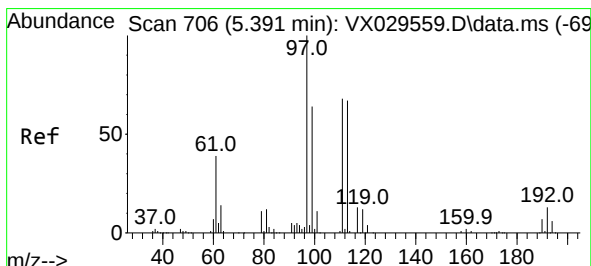
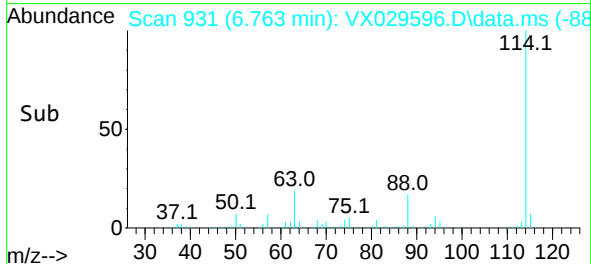
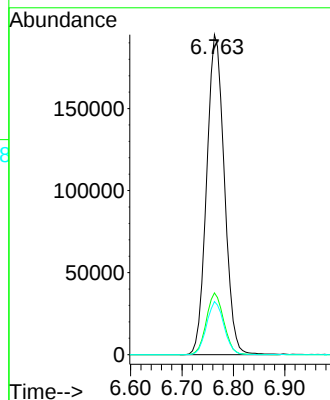
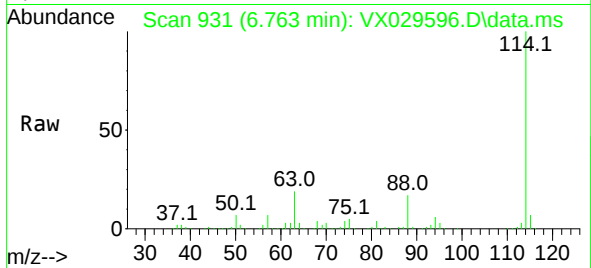




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

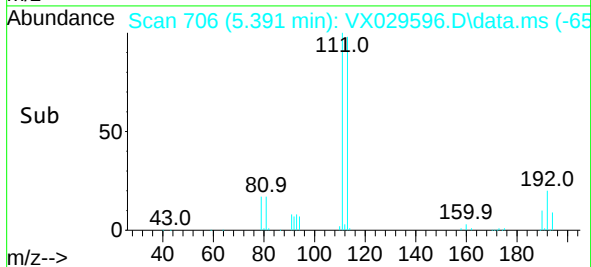
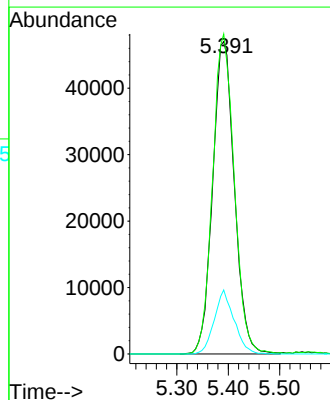
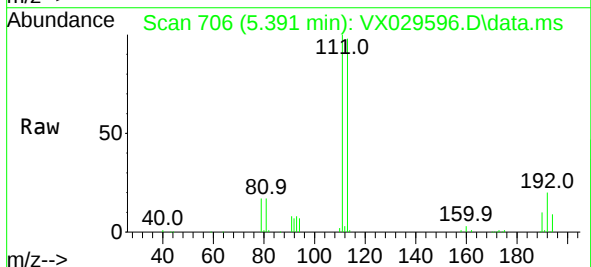
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2

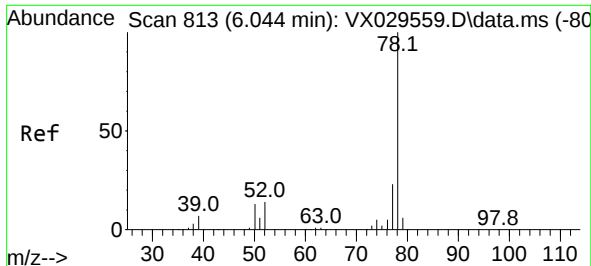
Tgt Ion:114 Resp: 465466
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.485 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

Tgt Ion:113 Resp: 137973
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.7 16.9 25.3

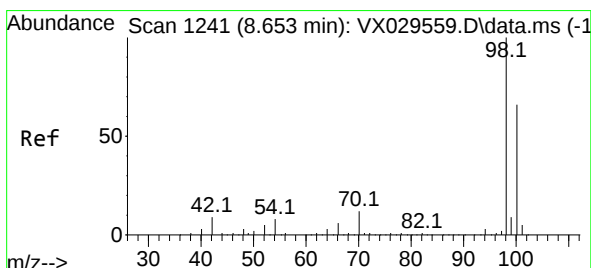
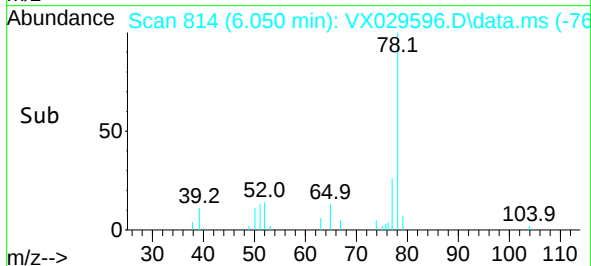
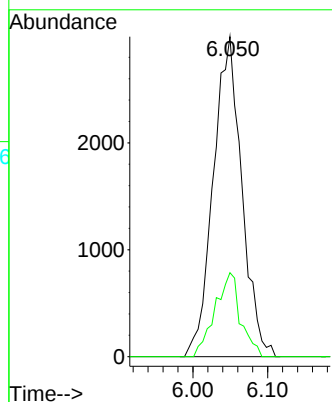
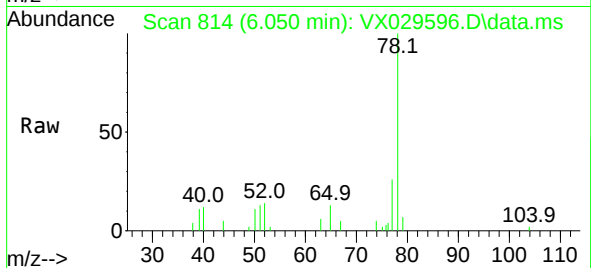




#40
Benzene
Concen: 0.653 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

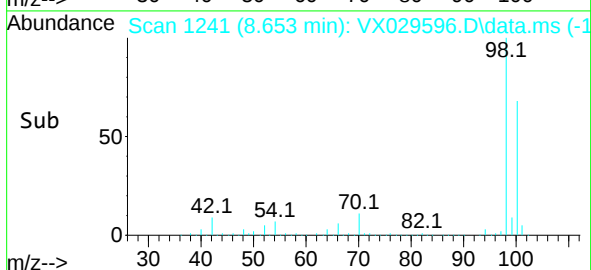
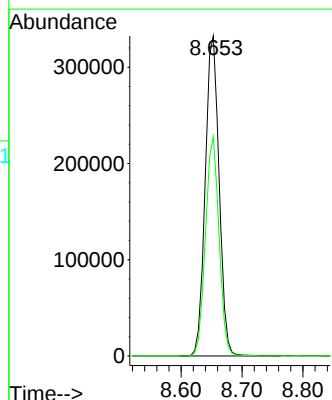
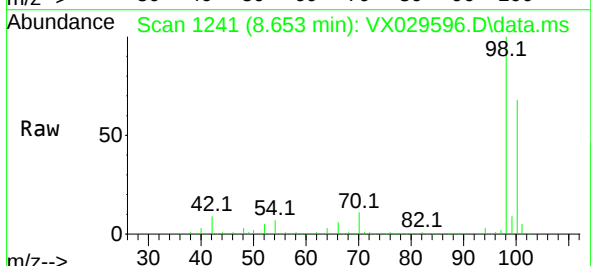
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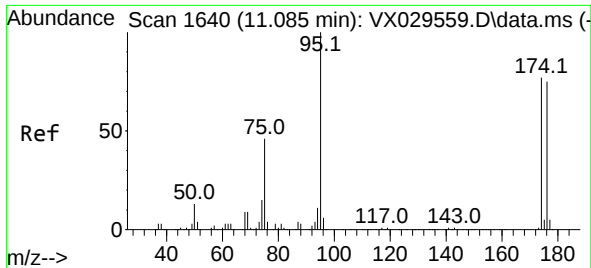
Tgt Ion: 78 Resp: 7949
Ion Ratio Lower Upper
78 100
77 26.3 19.3 28.9



#50
Toluene-d8
Concen: 47.472 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

Tgt Ion: 98 Resp: 526066
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

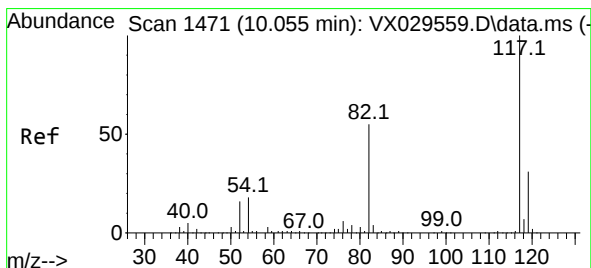
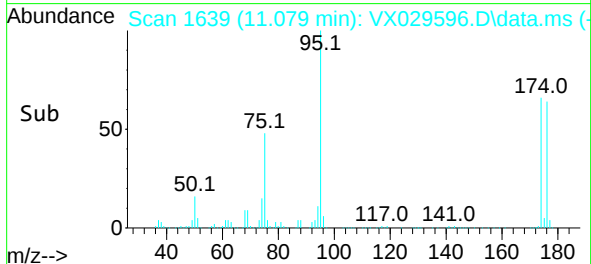
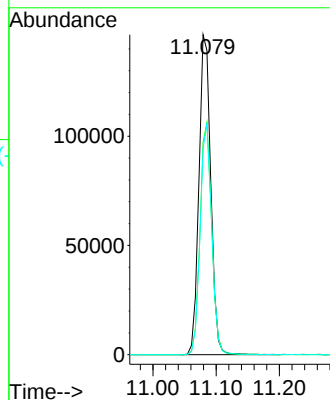
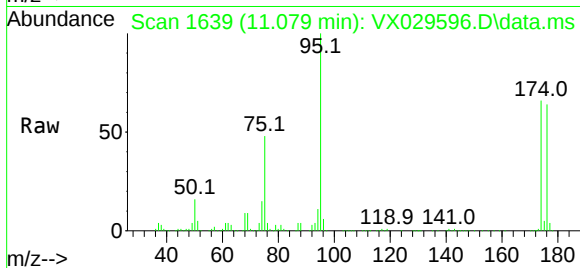




#62
4-Bromofluorobenzene
Concen: 45.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

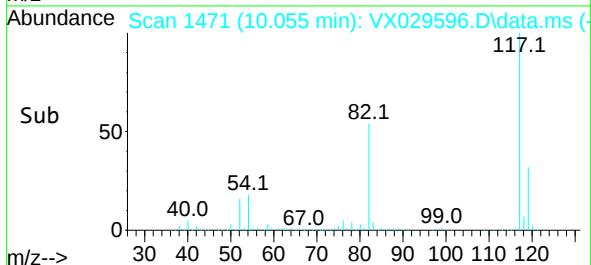
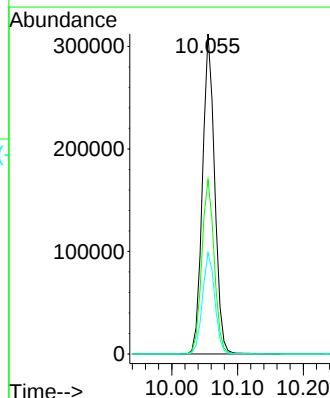
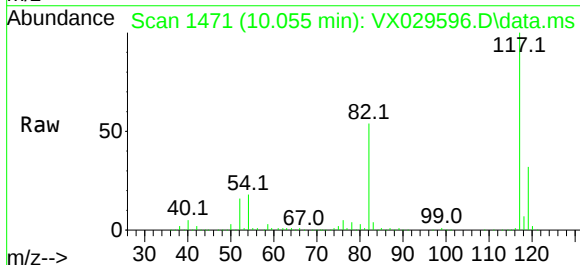
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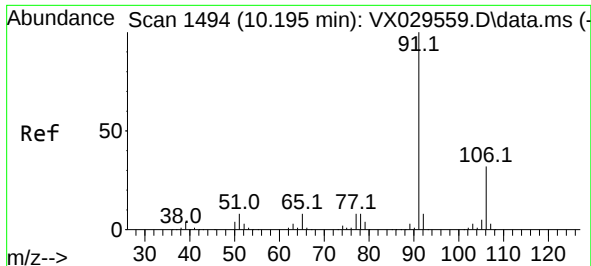
Tgt Ion: 95 Resp: 190856
Ion Ratio Lower Upper
95 100
174 71.4 0.0 163.0
176 70.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

Tgt Ion: 117 Resp: 402651
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 31.7 24.8 37.2

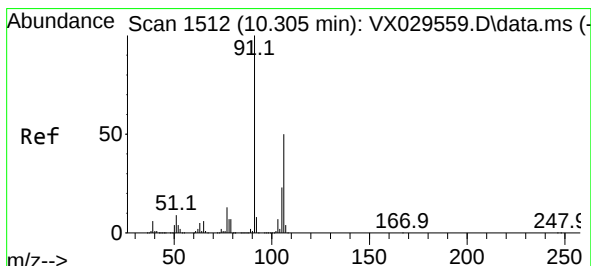
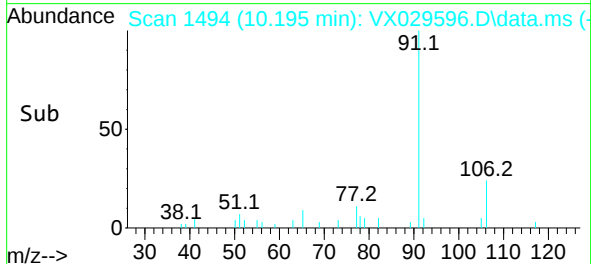
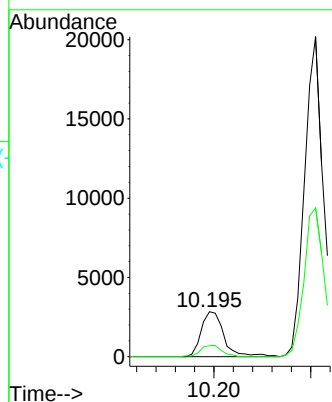
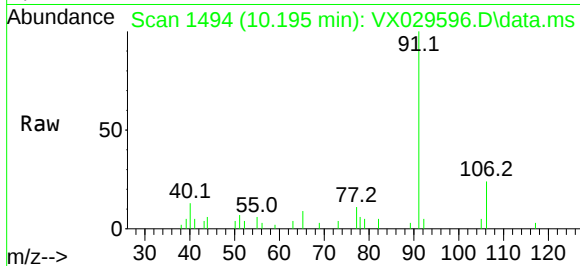




#67
Ethyl Benzene
Concen: 0.326 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

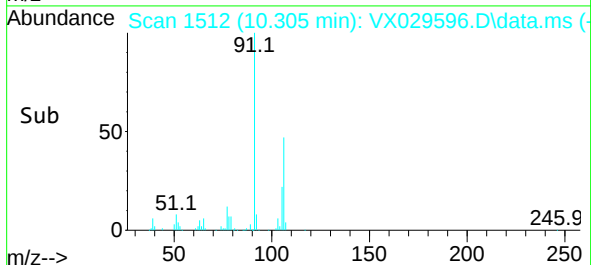
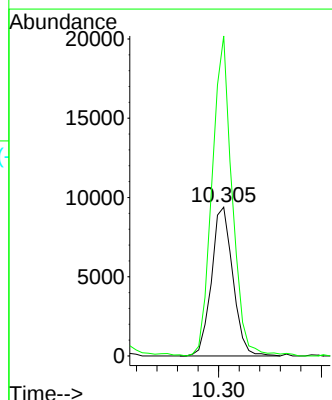
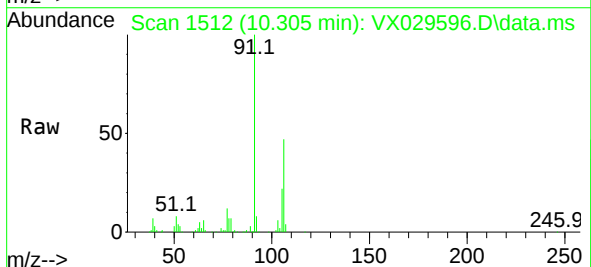
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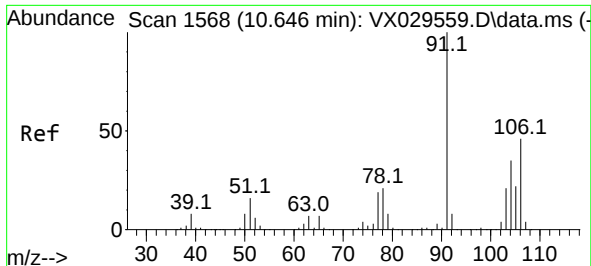
Tgt Ion: 91 Resp: 4629
Ion Ratio Lower Upper
91 100
106 24.4 24.6 36.8#



#68
m/p-Xylenes
Concen: 2.445 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

Tgt Ion: 106 Resp: 13553
Ion Ratio Lower Upper
106 100
91 202.2 160.4 240.6

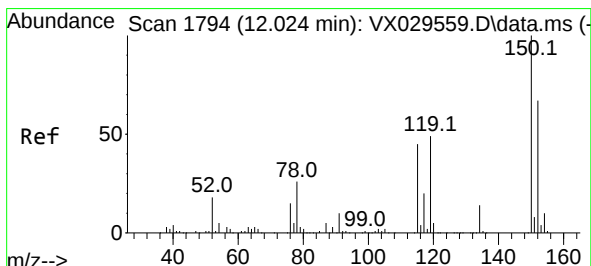
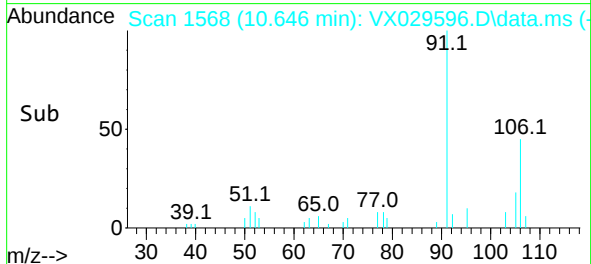
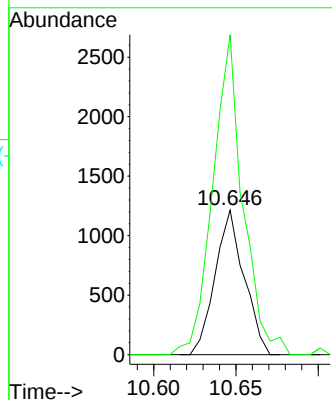
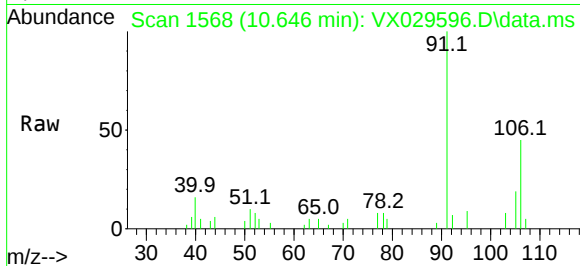




#69
o-Xylene
Concen: 0.273 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

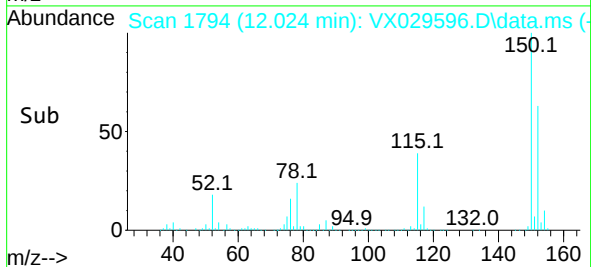
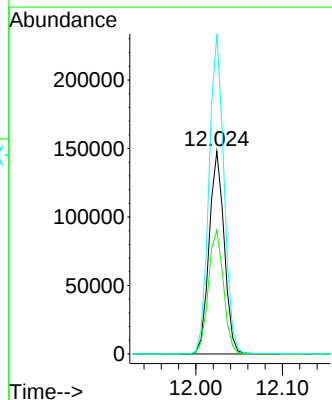
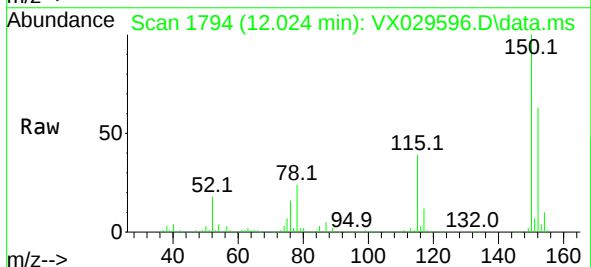
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2

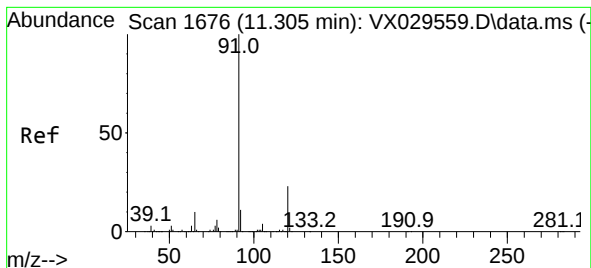
Tgt Ion:106 Resp: 1494
Ion Ratio Lower Upper
106 100
91 228.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029596.D
Acq: 19 Jun 2022 02:17

Tgt Ion:152 Resp: 178750
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 156.6 0.0 338.2





#78

n-propylbenzene

Concen: 0.498 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029596.D

Acq: 19 Jun 2022 02:17

Instrument :

MSVOA_X

ClientSampleId :

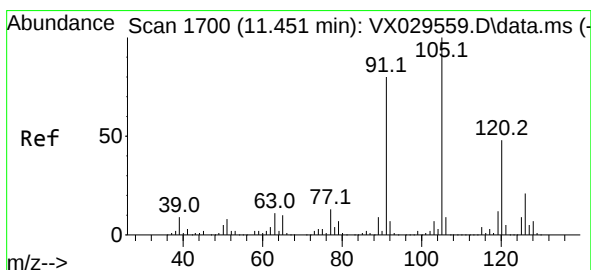
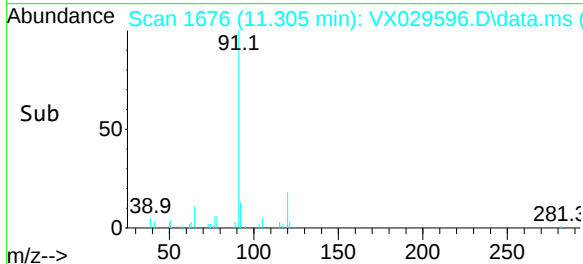
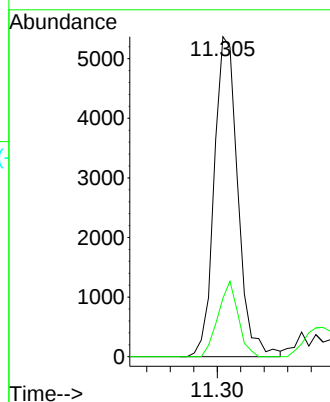
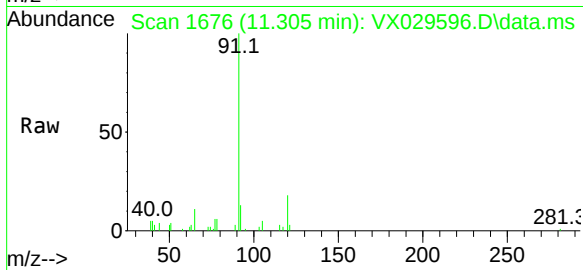
MW-28D2

Tgt Ion: 91 Resp: 7513

Ion Ratio Lower Upper

91 100

120 19.9 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 0.218 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029596.D

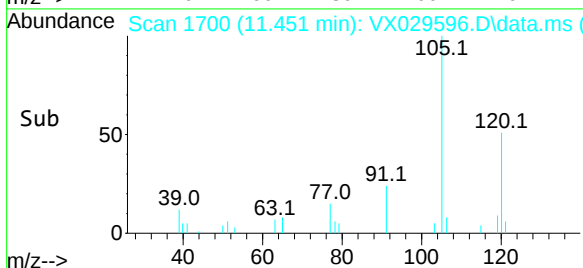
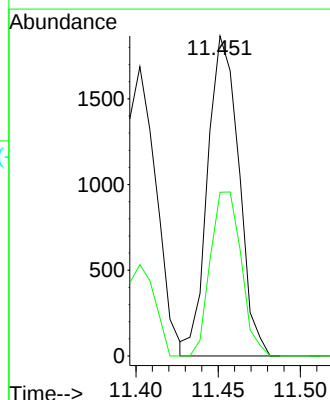
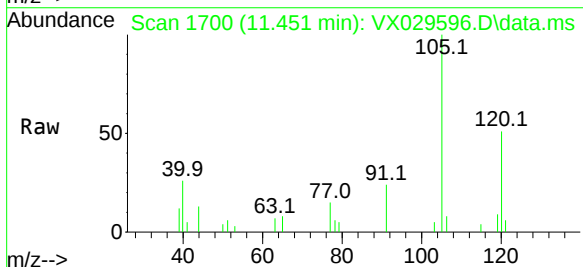
Acq: 19 Jun 2022 02:17

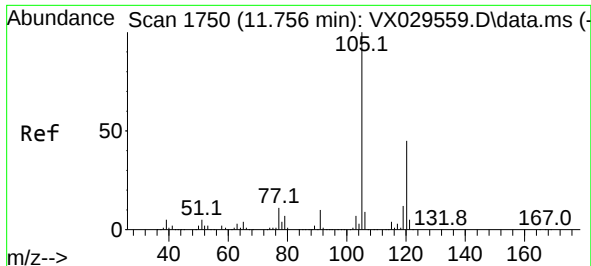
Tgt Ion:105 Resp: 2463

Ion Ratio Lower Upper

105 100

120 50.5 24.3 72.9

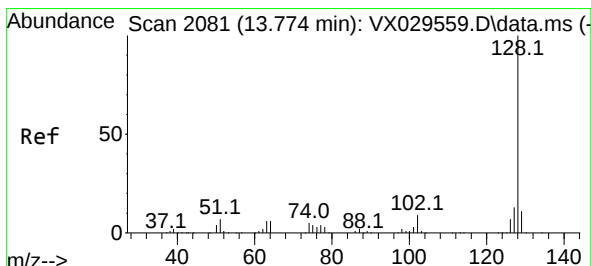
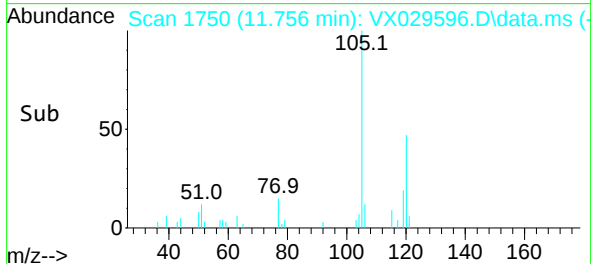
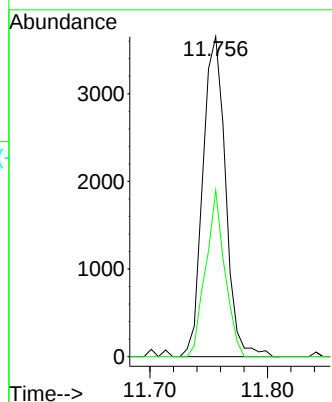
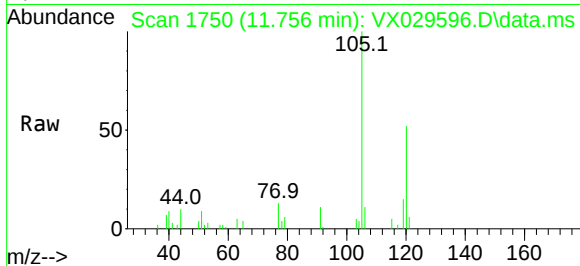




#84
 1,2,4-Trimethylbenzene
 Concen: 0.435 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029596.D
 Acq: 19 Jun 2022 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D2

Tgt Ion:105 Resp: 4892
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.8



#95
 Naphthalene
 Concen: 1.145 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX029596.D
 Acq: 19 Jun 2022 02:17

Tgt Ion:128 Resp: 14356
 Ion Ratio Lower Upper
 128 100
 127 11.5 10.2 15.4
 129 11.5 8.7 13.1

