

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029626.D
 Acq On : 20 Jun 2022 16:26
 Operator : JC/MD
 Sample : N3290-17DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32DL

Quant Time: Jun 21 01:51:49 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)

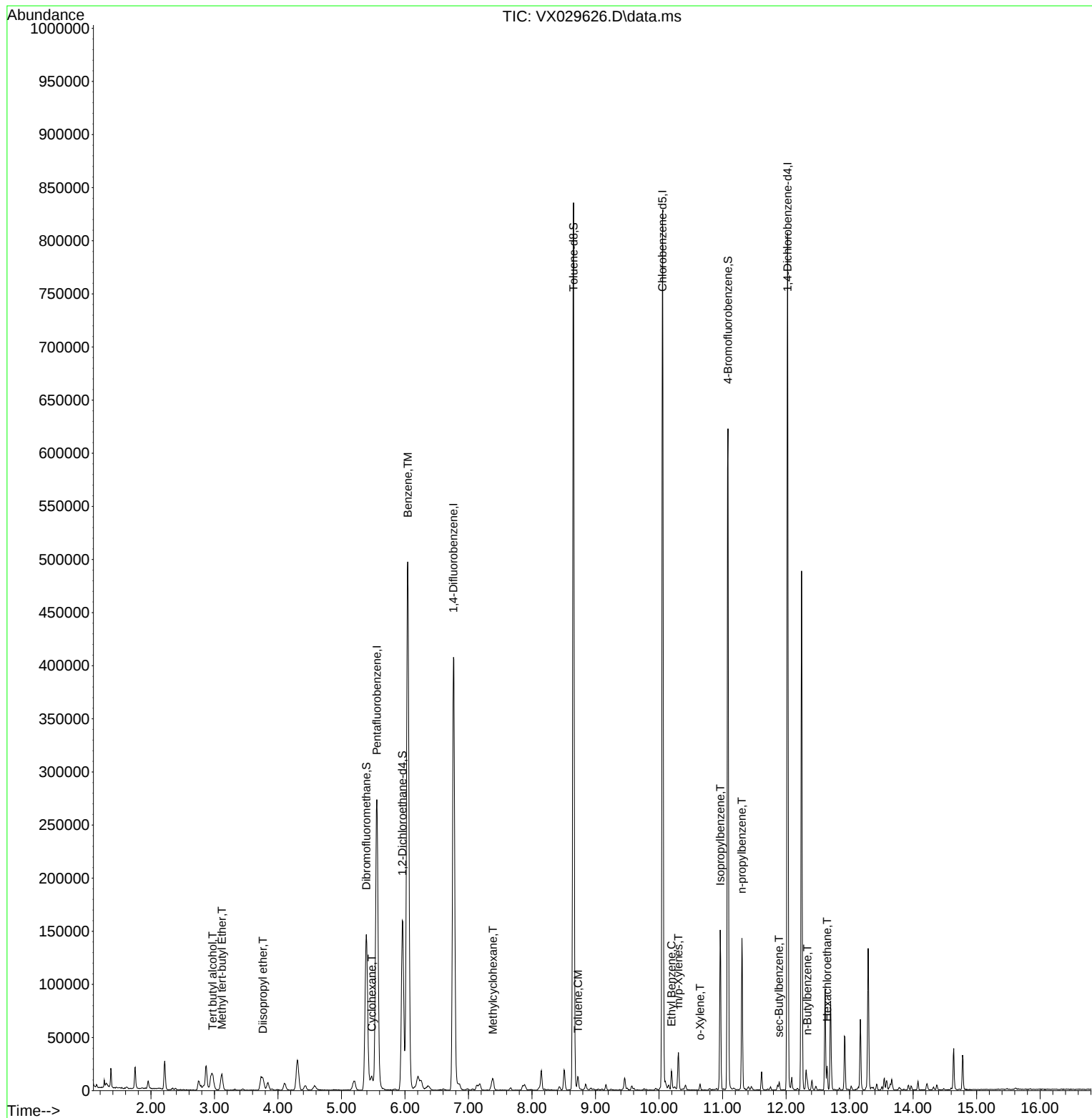
Internal Standards						
1) Pentafluorobenzene	5.556	168	261943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149415	43.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.180%
35) Dibromofluoromethane	5.391	113	131492	45.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.653	98	500309	47.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.085	95	182807	45.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	23393	22.539	ug/l #	93
19) Methyl tert-butyl Ether	3.117	73	13732	1.491	ug/l #	74
22) Diisopropyl ether	3.763	45	10324	1.218	ug/l #	80
31) Cyclohexane	5.477	56	8891	1.910	ug/l	94
39) Methylcyclohexane	7.385	83	5028	1.028	ug/l	96
40) Benzene	6.044	78	634358	54.549	ug/l	99
52) Toluene	8.726	92	4826	0.648	ug/l	99
67) Ethyl Benzene	10.195	91	10376	0.754	ug/l	100
68) m/p-Xylenes	10.305	106	8905	1.660	ug/l	99
69) o-Xylene	10.646	106	1069	0.202	ug/l	88
73) Isopropylbenzene	10.963	105	78194	6.158	ug/l	99
78) n-propylbenzene	11.305	91	87876	6.145	ug/l	99
85) sec-Butylbenzene	11.890	105	4330	0.335	ug/l #	77
89) n-Butylbenzene	12.335	91	5353	0.586	ug/l #	66
90) Hexachloroethane	12.646	117	6637	4.284	ug/l #	10

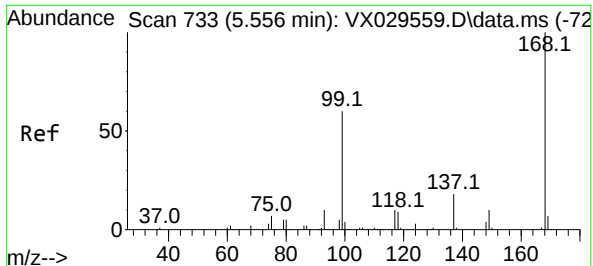
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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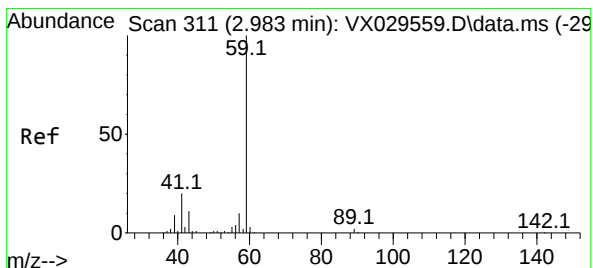
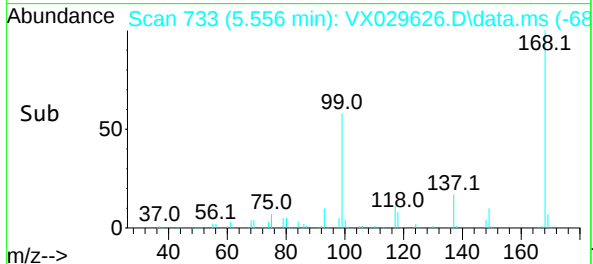
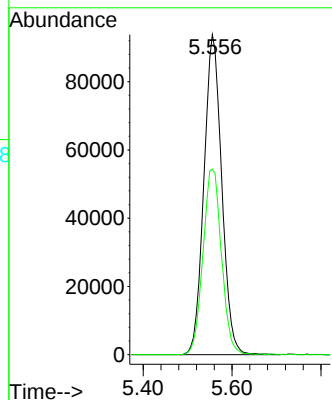
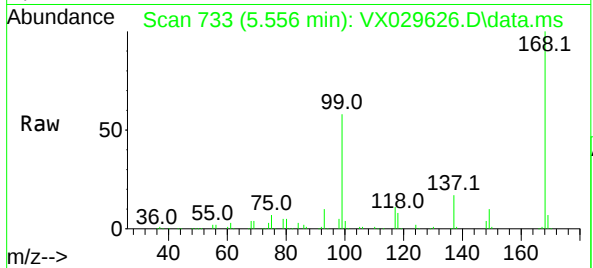




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

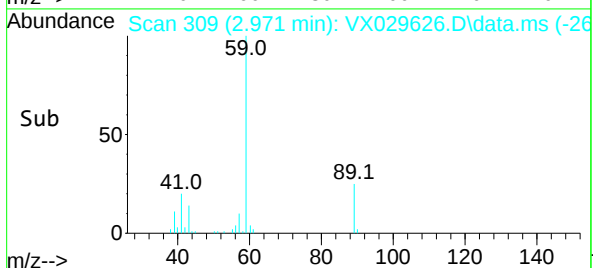
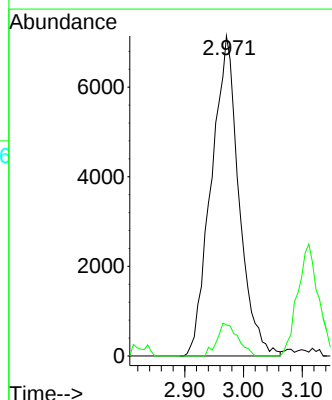
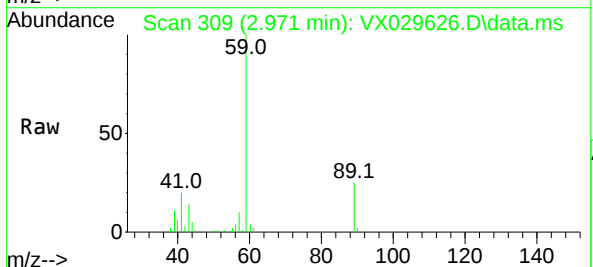
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

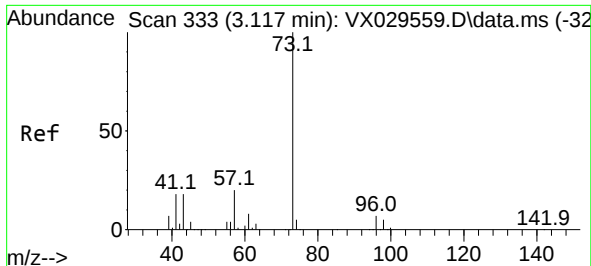
Tgt Ion:168 Resp: 261943
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 22.539 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion: 59 Resp: 23393
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#

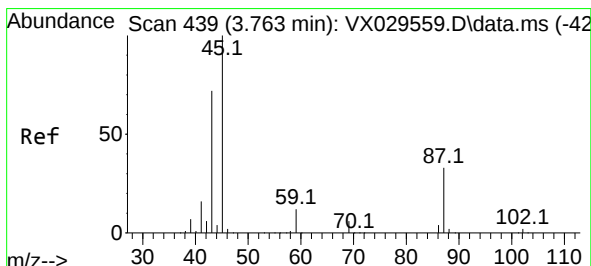
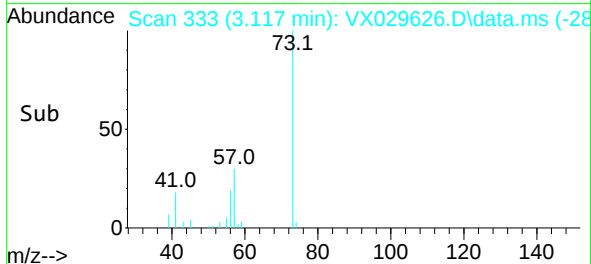
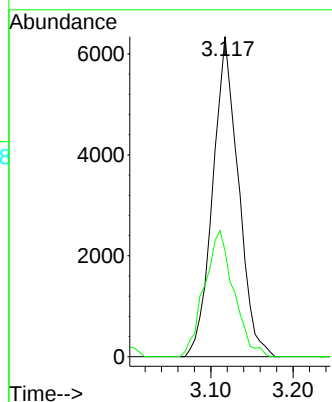
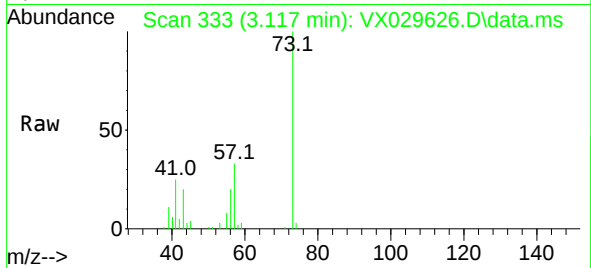




#19
Methyl tert-butyl Ether
Concen: 1.491 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

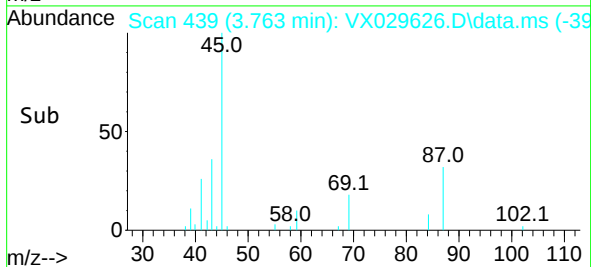
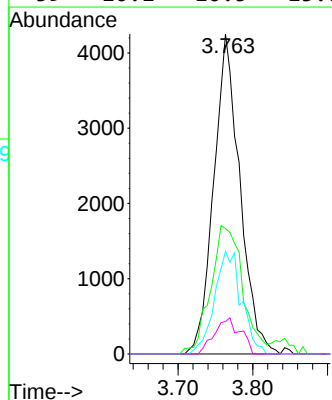
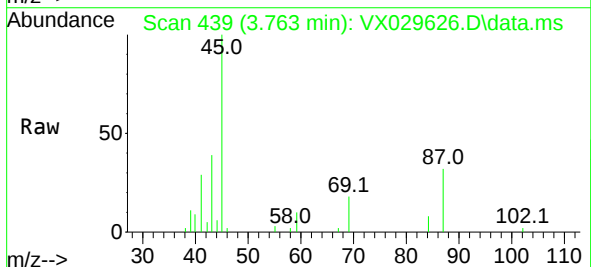
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

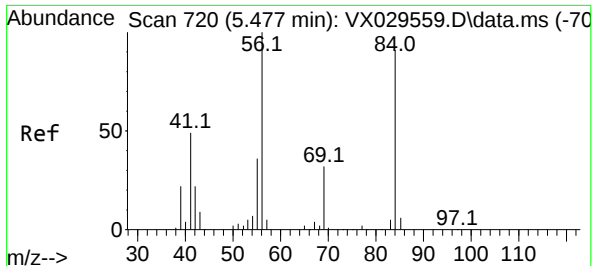
Tgt Ion: 73 Resp: 13732
Ion Ratio Lower Upper
73 100
57 33.1 16.8 25.2#



#22
Diisopropyl ether
Concen: 1.218 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion: 45 Resp: 10324
Ion Ratio Lower Upper
45 100
43 39.2 50.8 76.2#
87 32.1 26.6 39.8
59 10.1 10.5 15.7#

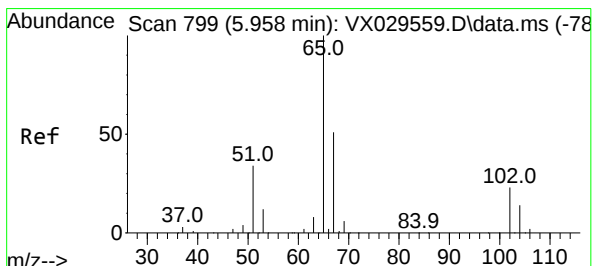
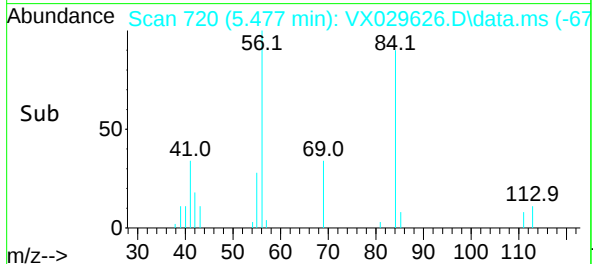
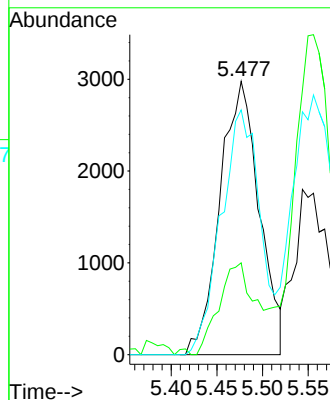
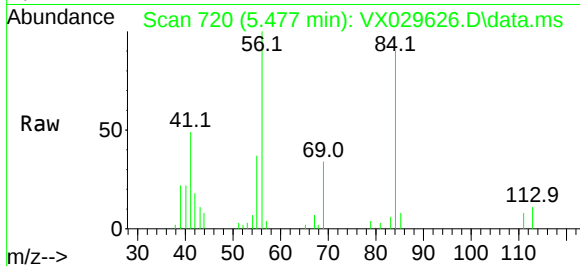




#31
Cyclohexane
Concen: 1.910 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

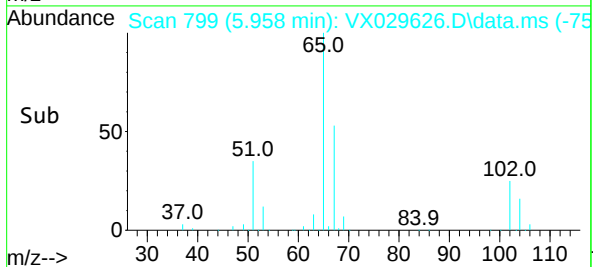
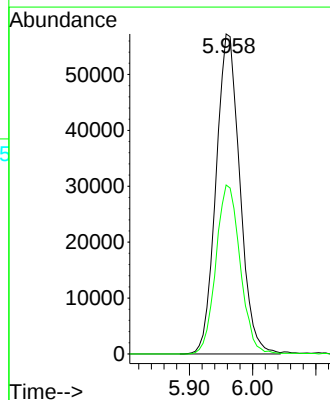
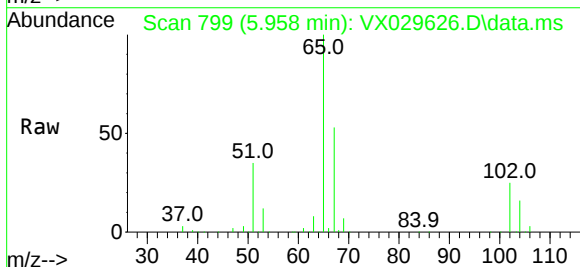
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

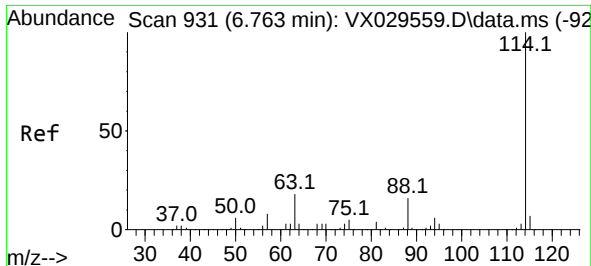
Tgt Ion:	56	Resp:	8891
Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.7	40.1
84	89.6	77.2	115.8



#33
1,2-Dichloroethane-d4
Concen: 43.091 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion:	65	Resp:	149415
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4

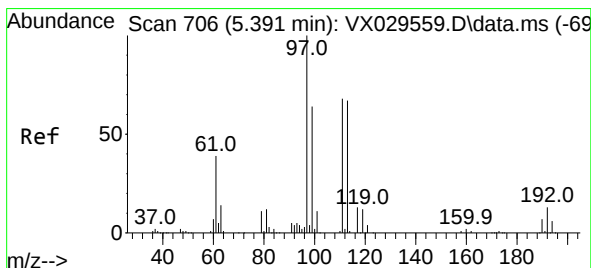
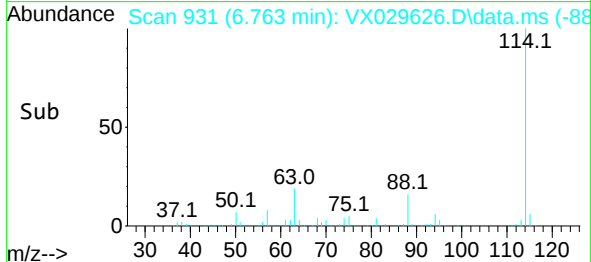
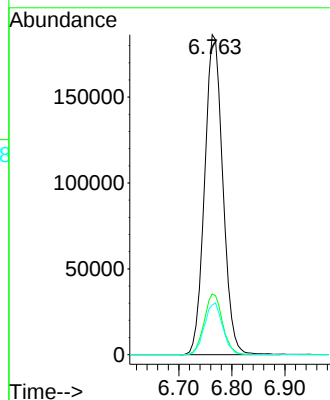
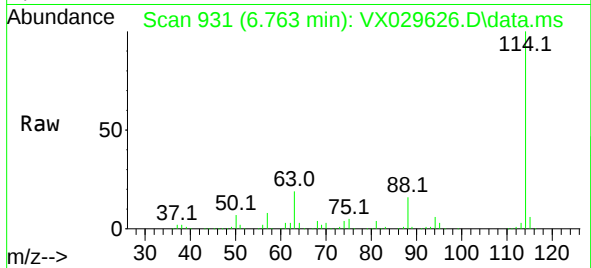




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

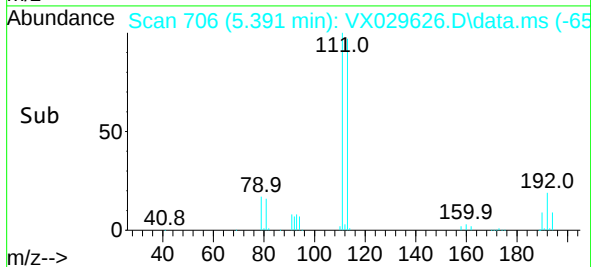
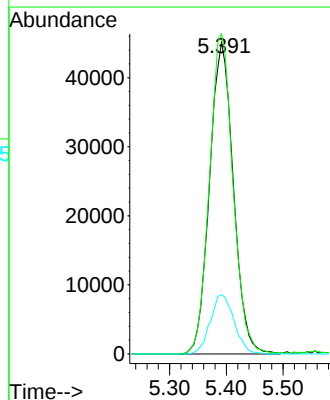
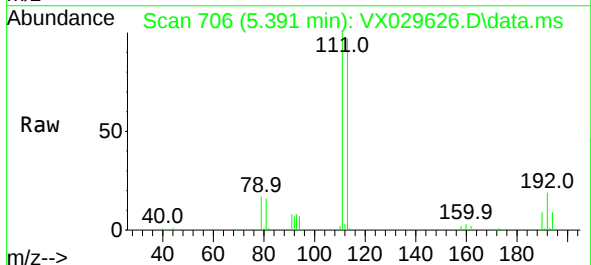
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

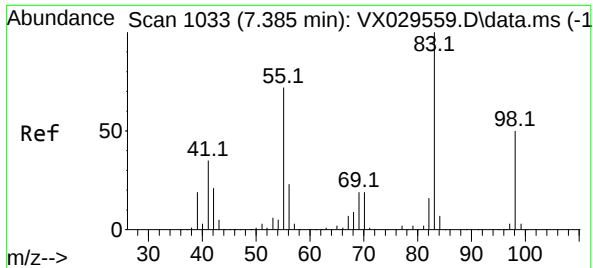
Tgt Ion:114 Resp: 444792
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.363 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion:113 Resp: 131492
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.0 16.9 25.3

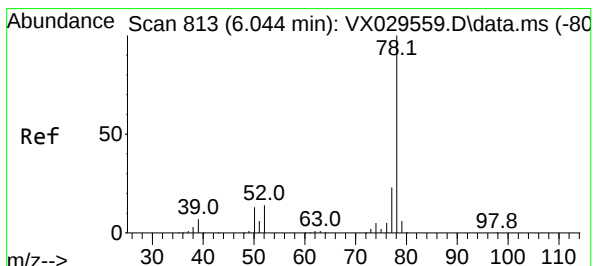
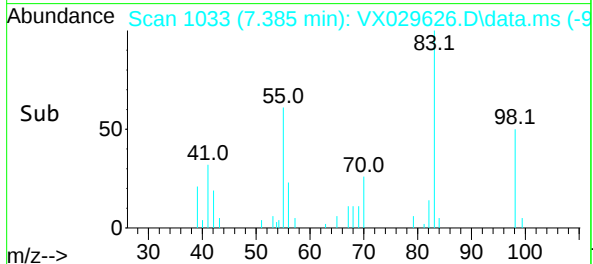
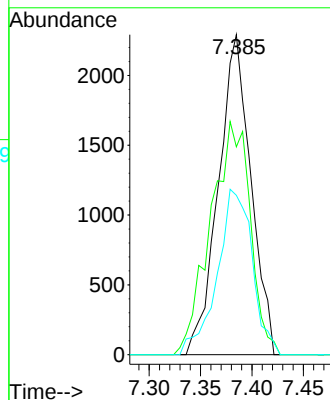
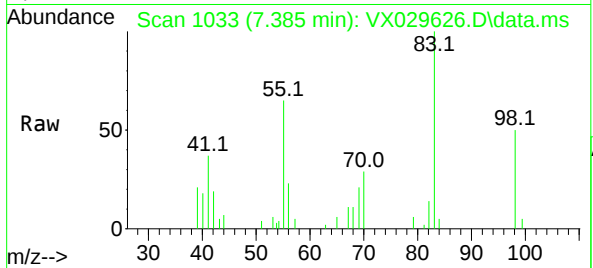




#39
Methylcyclohexane
Concen: 1.028 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

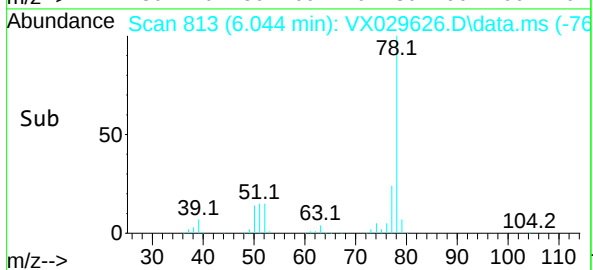
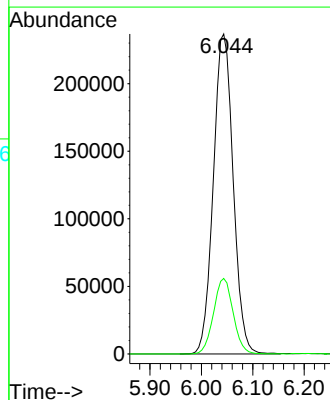
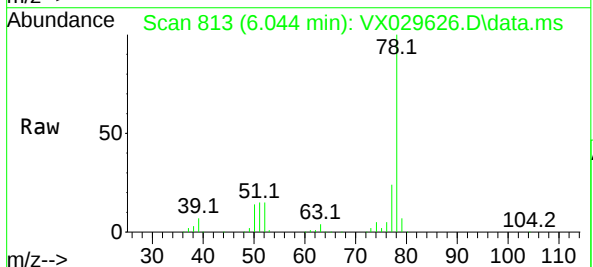
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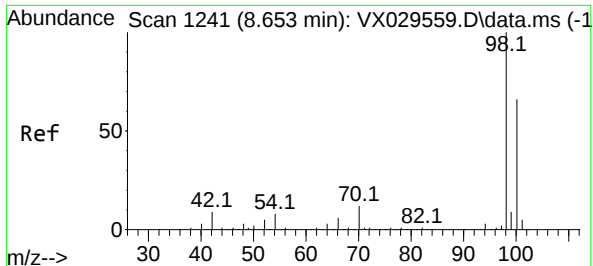
Tgt Ion: 83 Resp: 5028
Ion Ratio Lower Upper
83 100
55 65.0 54.6 81.8
98 49.8 37.4 56.2



#40
Benzene
Concen: 54.549 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion: 78 Resp: 634358
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

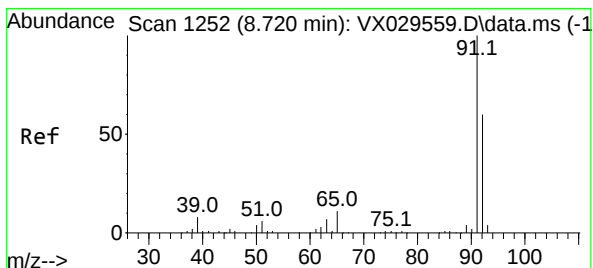
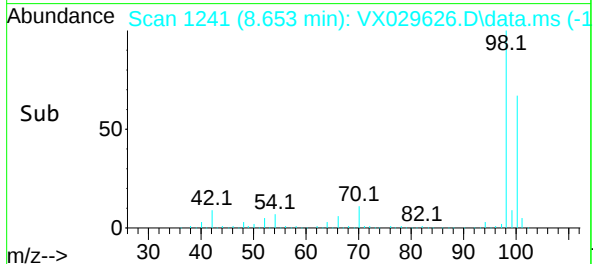
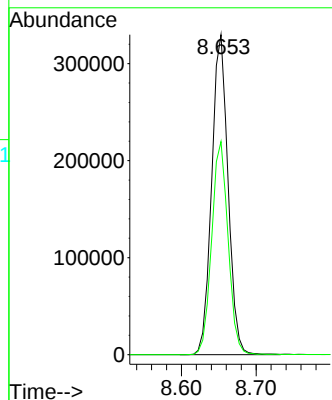
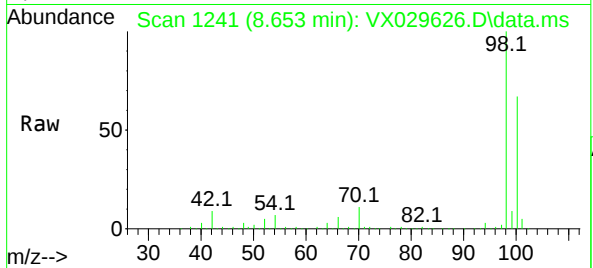




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

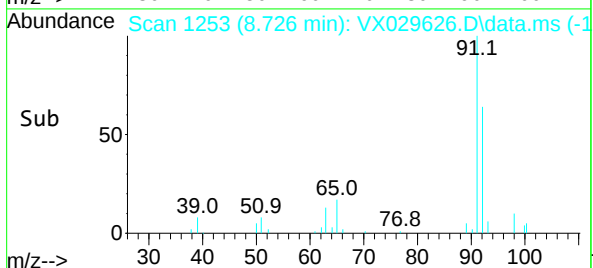
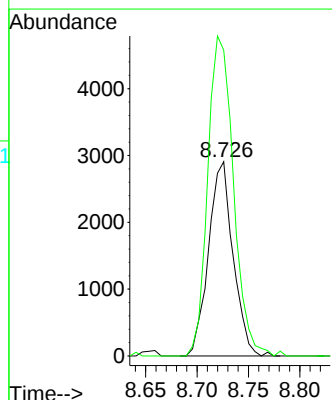
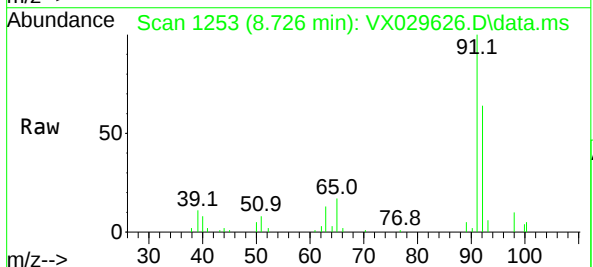
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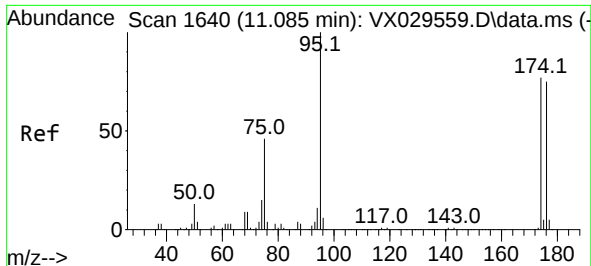
Tgt Ion: 98 Resp: 500309
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#52
Toluene
Concen: 0.648 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion: 92 Resp: 4826
Ion Ratio Lower Upper
92 100
91 172.8 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 45.778 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029626.D

Acq: 20 Jun 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

MW-32DL

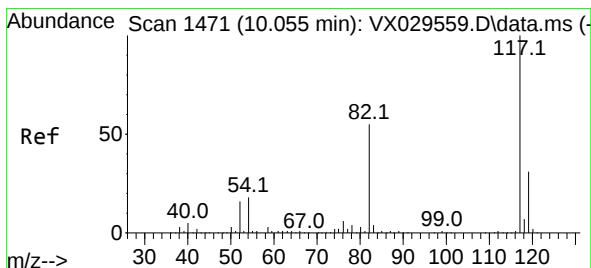
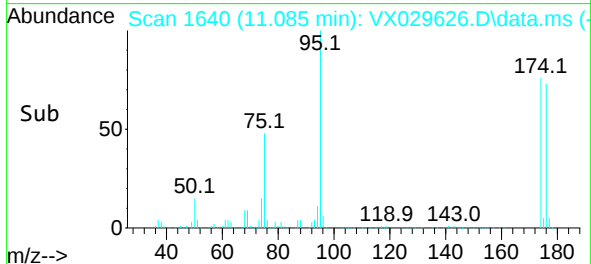
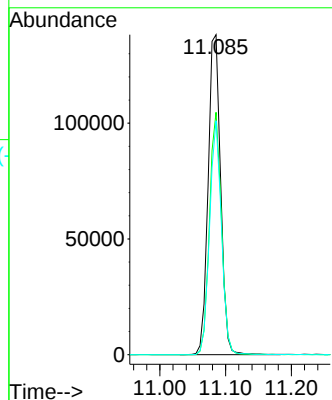
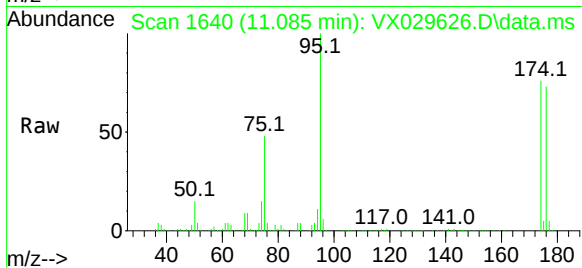
Tgt Ion: 95 Resp: 182807

Ion Ratio Lower Upper

95 100

174 72.7 0.0 163.0

176 69.2 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: VX029626.D

Acq: 20 Jun 2022 16:26

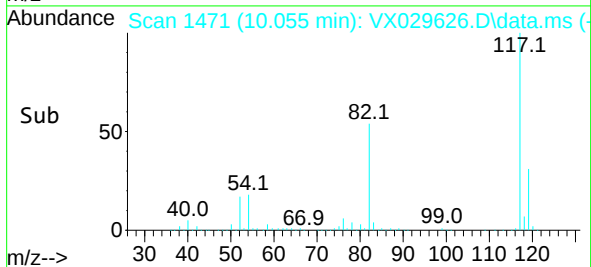
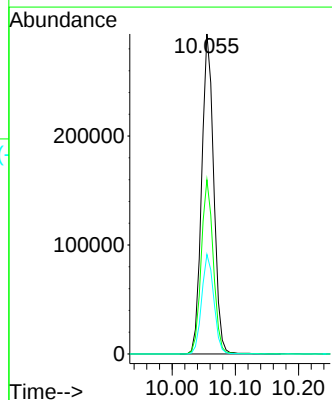
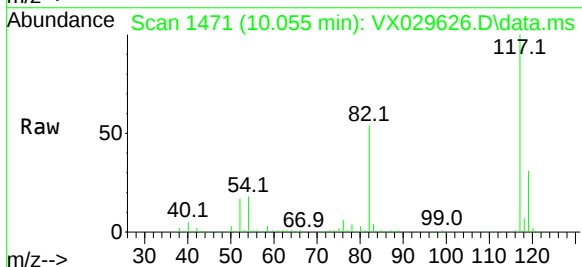
Tgt Ion: 117 Resp: 389787

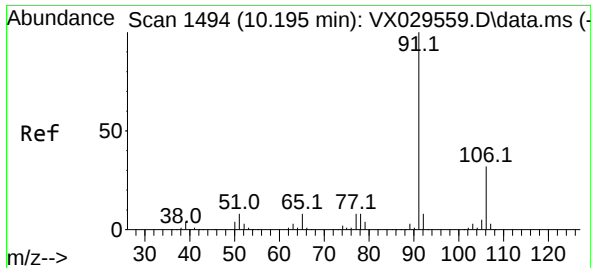
Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.8

119 31.1 24.8 37.2

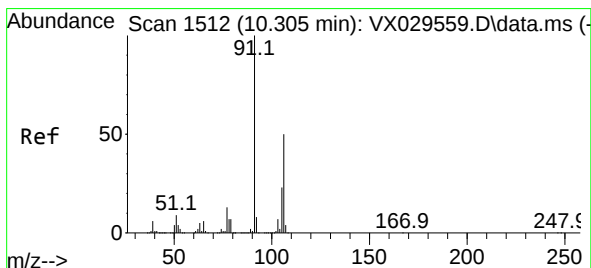
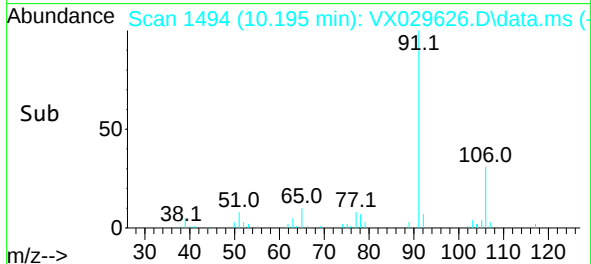
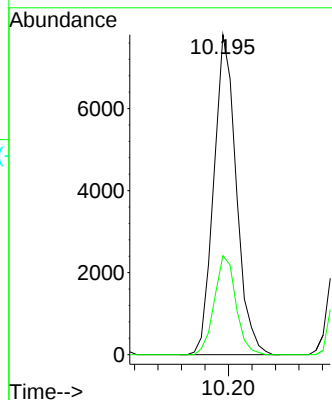
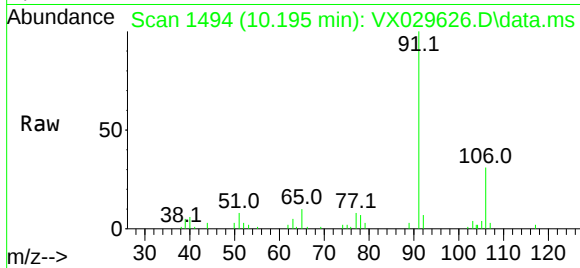




#67
Ethyl Benzene
Concen: 0.754 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

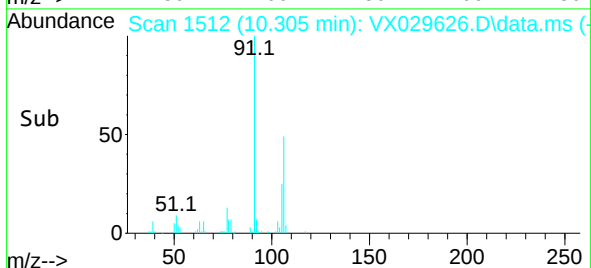
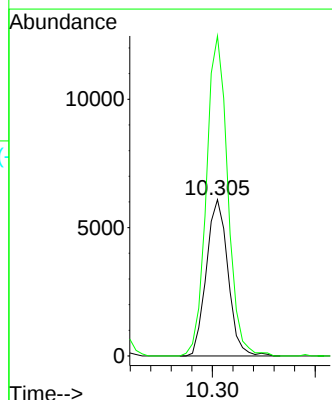
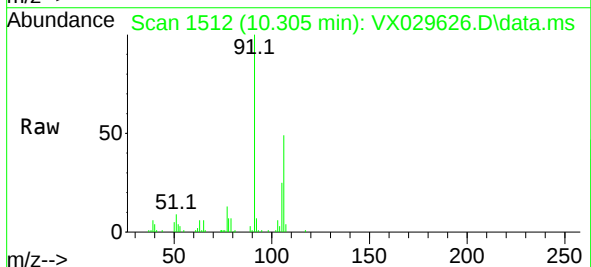
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

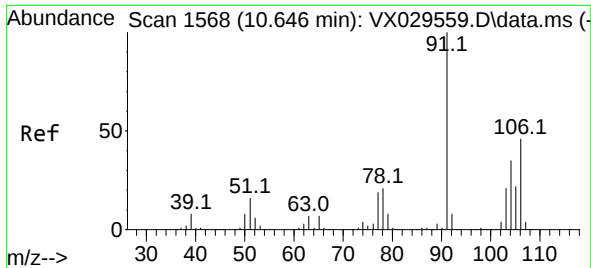
Tgt Ion: 91 Resp: 10376
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 1.660 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion: 106 Resp: 8905
Ion Ratio Lower Upper
106 100
91 202.1 160.4 240.6

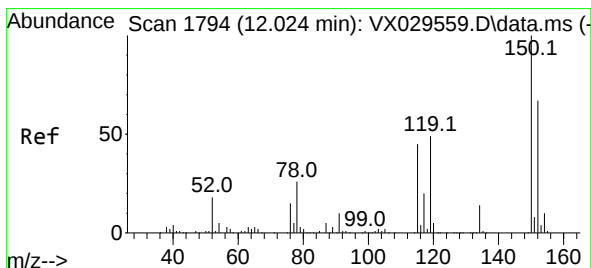
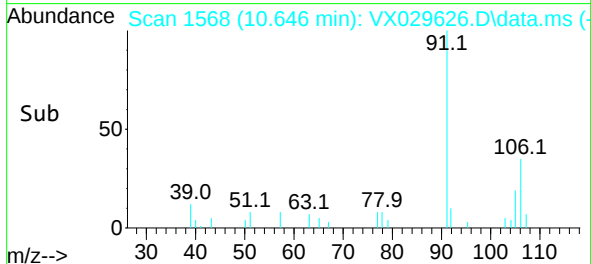
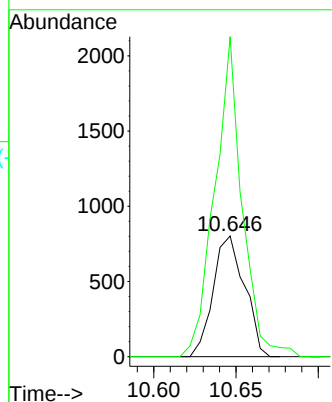
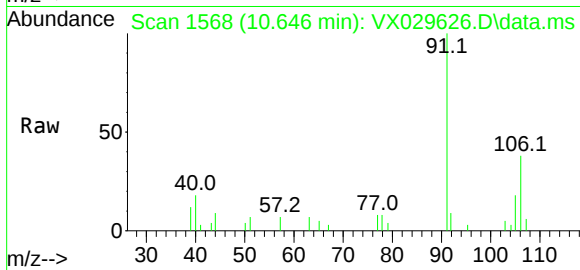




#69
o-Xylene
Concen: 0.202 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

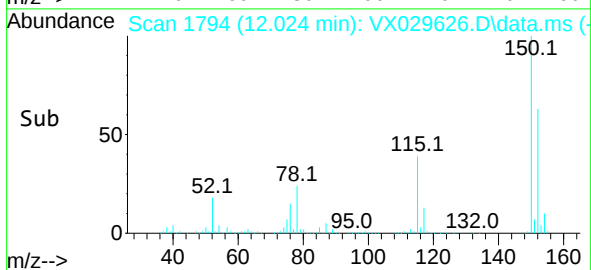
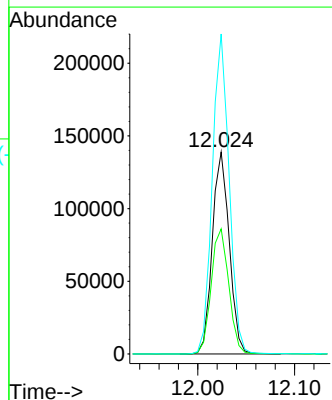
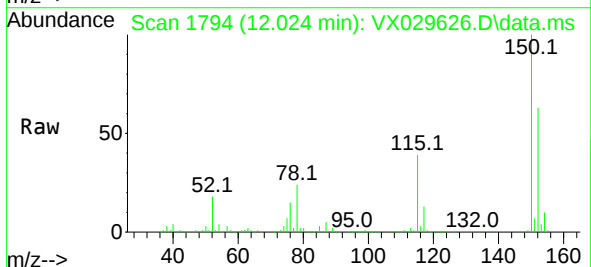
Instrument :
MSVOA_X
ClientSampleId :
MW-32DL

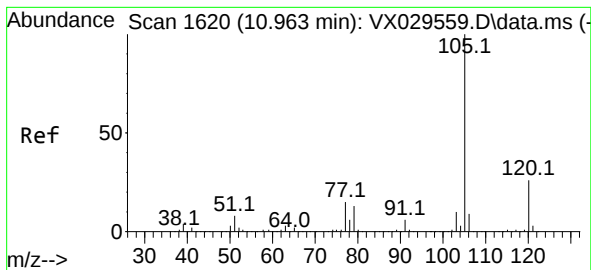
Tgt Ion:106 Resp: 1069
Ion Ratio Lower Upper
106 100
91 230.9 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029626.D
Acq: 20 Jun 2022 16:26

Tgt Ion:152 Resp: 169343
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 157.2 0.0 338.2





#73

Isopropylbenzene

Concen: 6.158 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029626.D

Acq: 20 Jun 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

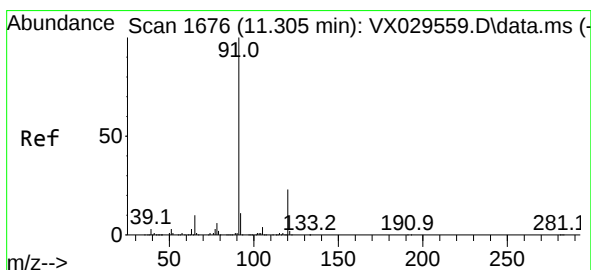
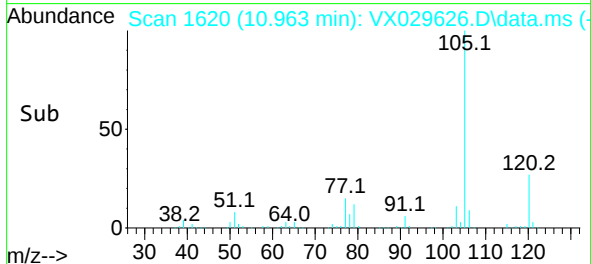
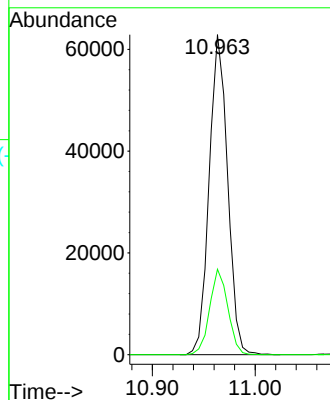
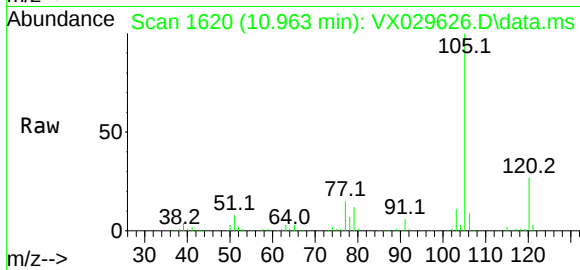
MW-32DL

Tgt Ion:105 Resp: 78194

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



#78

n-propylbenzene

Concen: 6.145 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029626.D

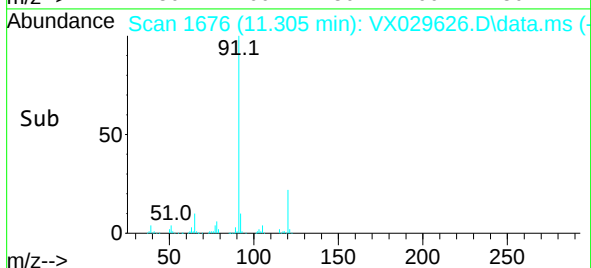
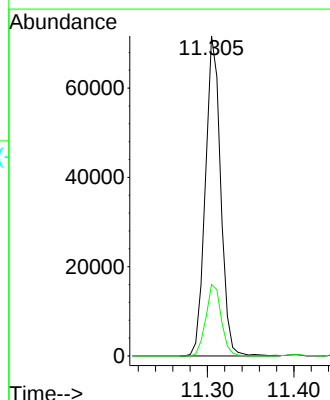
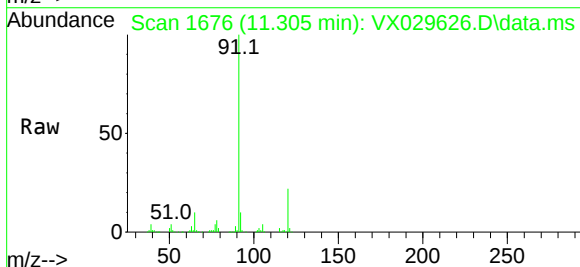
Acq: 20 Jun 2022 16:26

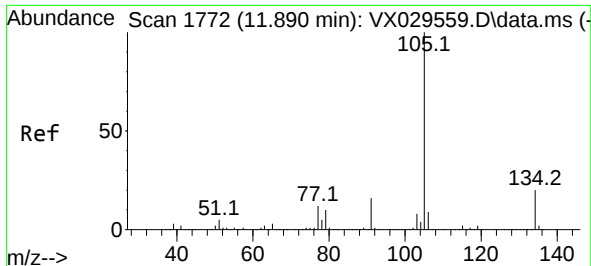
Tgt Ion: 91 Resp: 87876

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

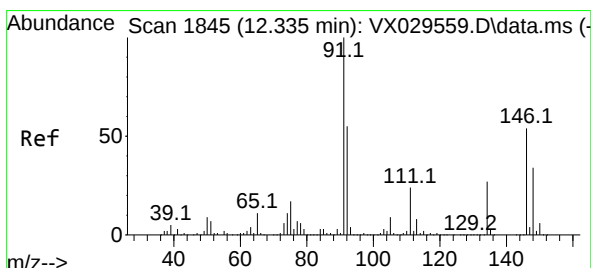
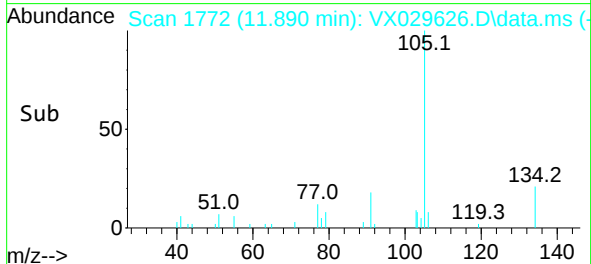
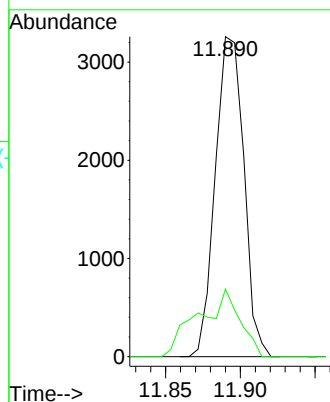
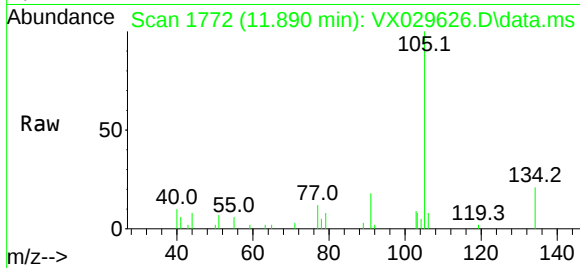




#85
 sec-Butylbenzene
 Concen: 0.335 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029626.D
 Acq: 20 Jun 2022 16:26

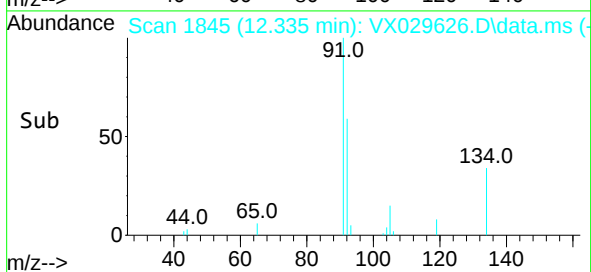
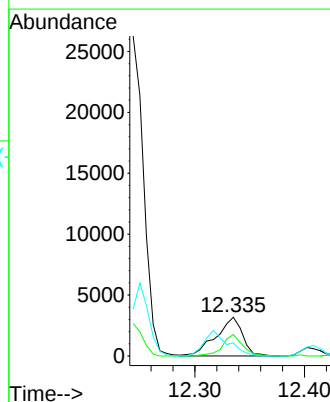
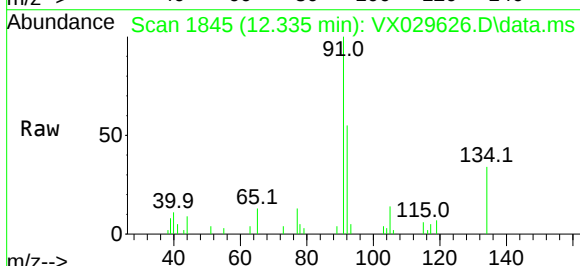
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32DL

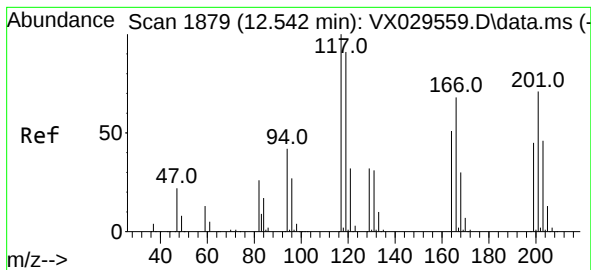
Tgt Ion:105 Resp: 4330
 Ion Ratio Lower Upper
 105 100
 134 30.8 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 0.586 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029626.D
 Acq: 20 Jun 2022 16:26

Tgt Ion: 91 Resp: 5353
 Ion Ratio Lower Upper
 91 100
 92 41.9 27.8 83.3
 134 59.9 13.3 39.8#





#90
 Hexachloroethane
 Concen: 4.284 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VX029626.D
 Acq: 20 Jun 2022 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32DL

Tgt Ion:117 Resp: 6637
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

