

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029736.D
 Acq On : 23 Jun 2022 12:11
 Operator : JC/MD
 Sample : N3202-04 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Quant Time: Jun 24 05:37:54 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)

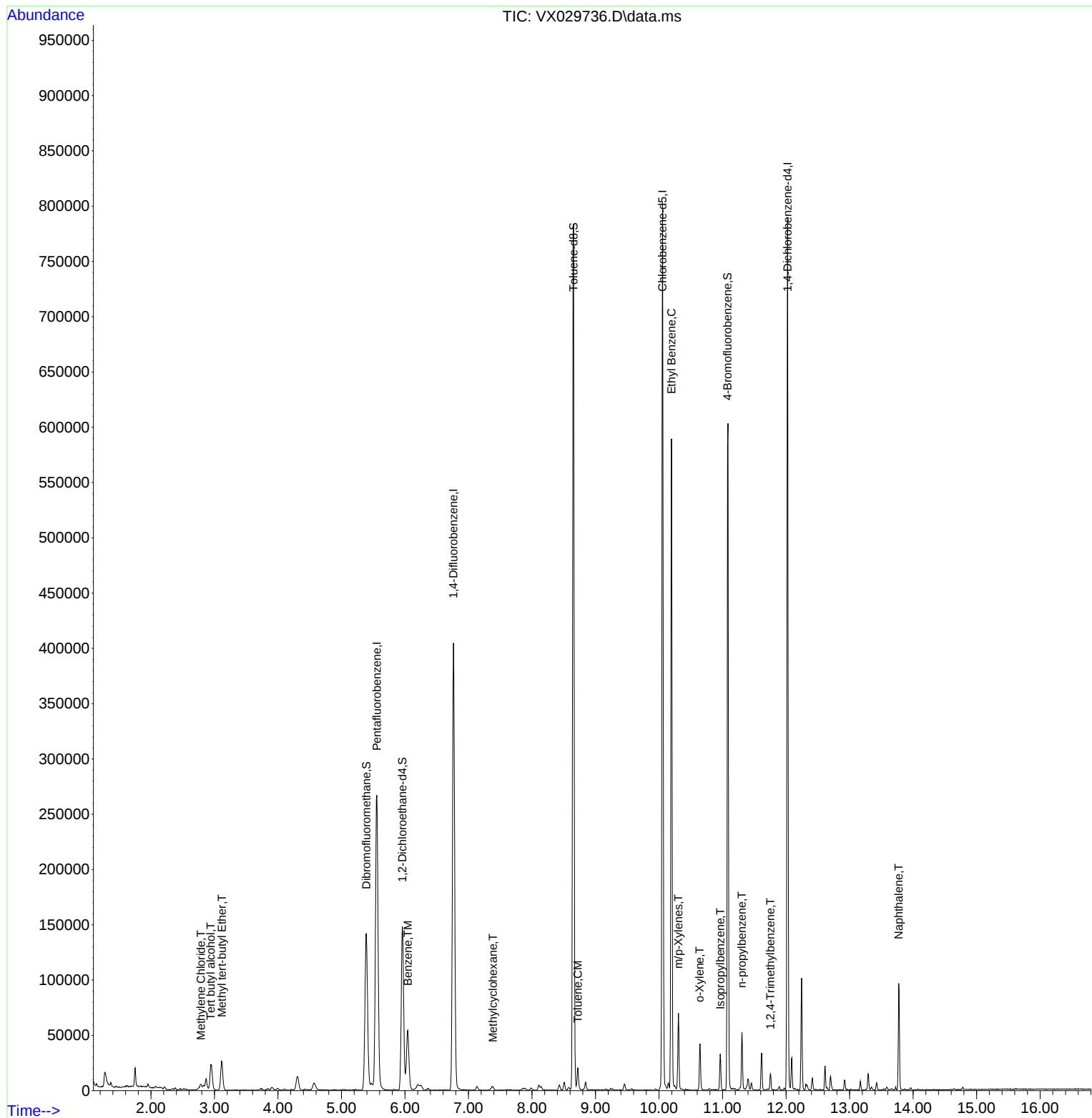
Internal Standards						
1) Pentafluorobenzene	5.556	168	262296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140945	40.594	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.180%		
35) Dibromofluoromethane	5.391	113	128877	44.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.940%		
50) Toluene-d8	8.653	98	492038	46.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.000%		
62) 4-Bromofluorobenzene	11.079	95	178334	45.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	17752	14.754	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	27233	2.952	ug/l #	85
20) Methylene Chloride	2.788	84	854	0.277	ug/l #	71
39) Methylcyclohexane	7.385	83	1541	0.319	ug/l #	77
40) Benzene	6.044	78	68072	5.920	ug/l	96
52) Toluene	8.720	92	8063	1.095	ug/l	90
67) Ethyl Benzene	10.195	91	344369	26.046	ug/l	100
68) m/p-Xylenes	10.305	106	16954	3.288	ug/l	98
69) o-Xylene	10.640	106	9946	1.952	ug/l	98
73) Isopropylbenzene	10.964	105	17383	1.415	ug/l	100
78) n-propylbenzene	11.305	91	32540	2.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	7205	0.698	ug/l	95
95) Naphthalene	13.774	128	62163	5.407	ug/l	100

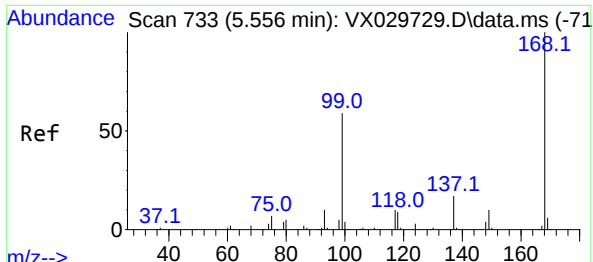
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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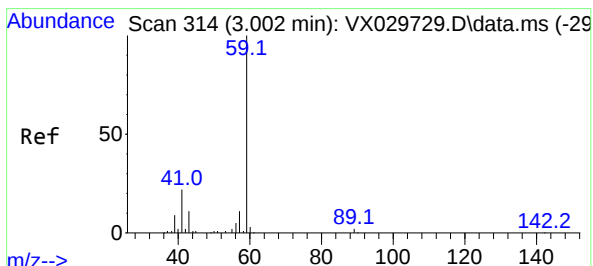
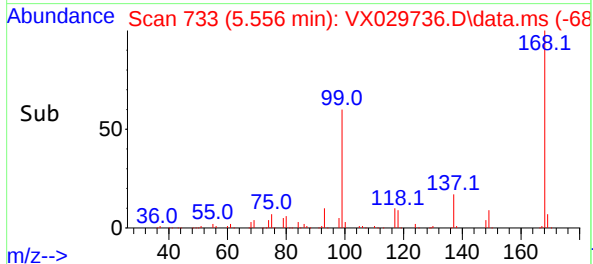
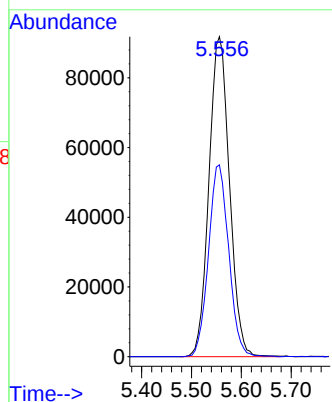
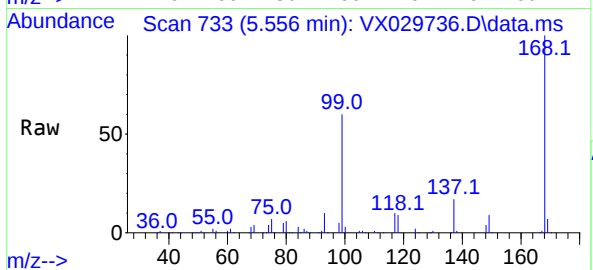




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

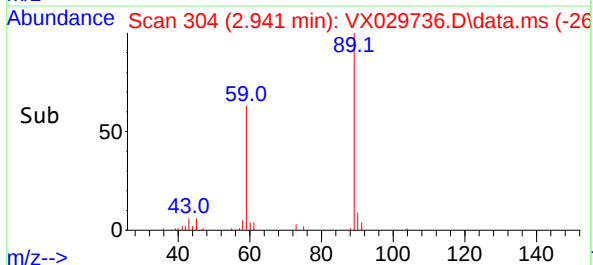
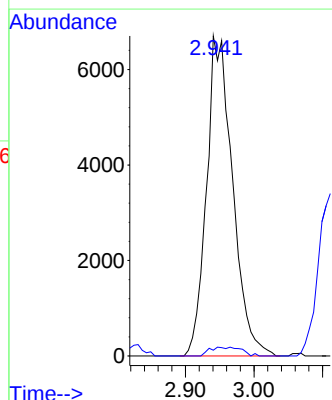
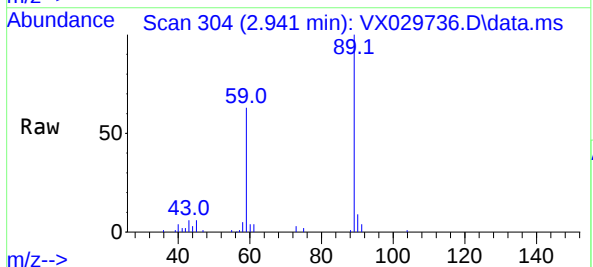
Instrument :
MSVOA_X
ClientSampleId :
MW-16

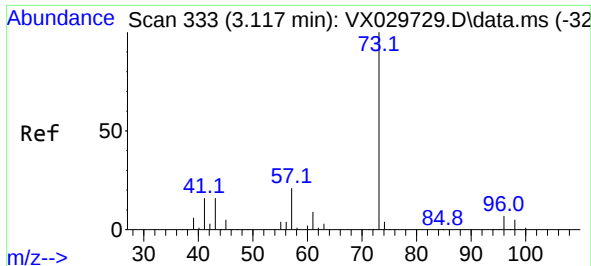
Tgt Ion:168 Resp: 262296
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 14.754 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 59 Resp: 17752
Ion Ratio Lower Upper
59 100
57 1.8 8.3 12.5#

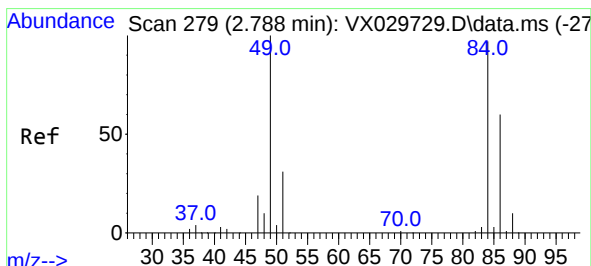
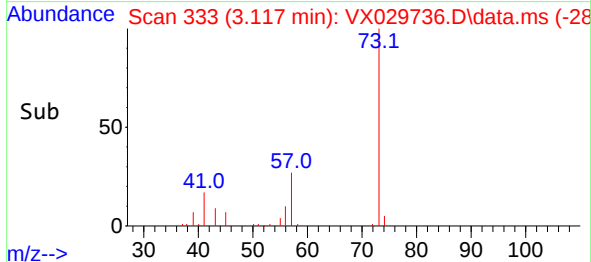
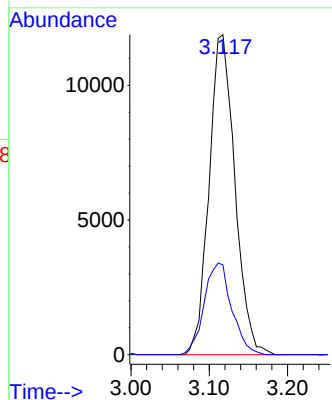
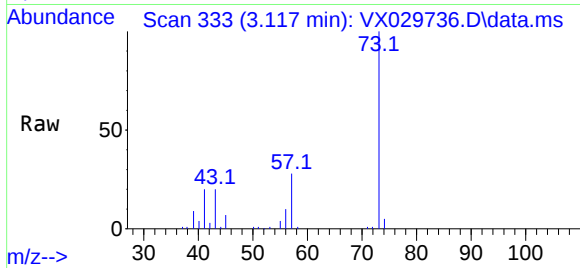




#19
Methyl tert-butyl Ether
Concen: 2.952 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

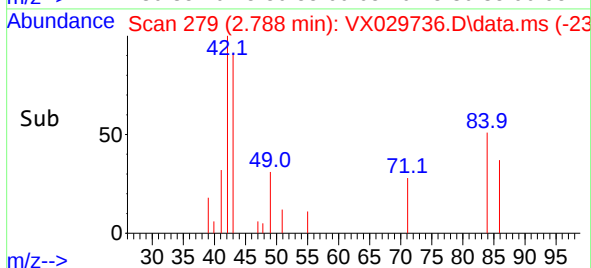
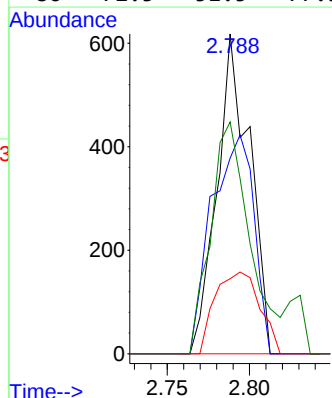
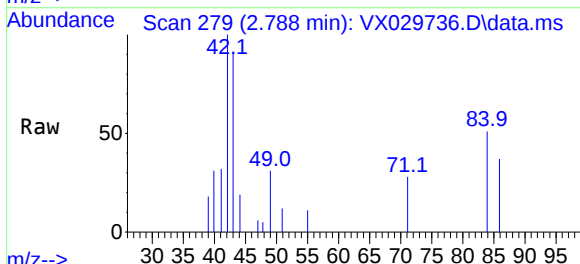
Instrument :
MSVOA_X
ClientSampleId :
MW-16

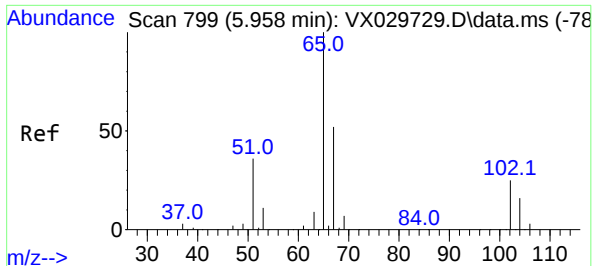
Tgt Ion: 73 Resp: 27233
Ion Ratio Lower Upper
73 100
57 28.1 16.8 25.2#



#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 84 Resp: 854
Ion Ratio Lower Upper
84 100
49 61.2 85.5 128.3#
51 23.5 26.6 39.8#
86 72.5 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 40.594 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029736.D

Acq: 23 Jun 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

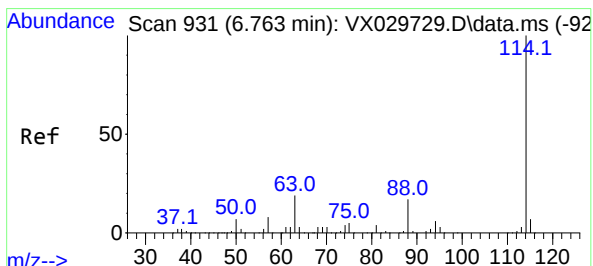
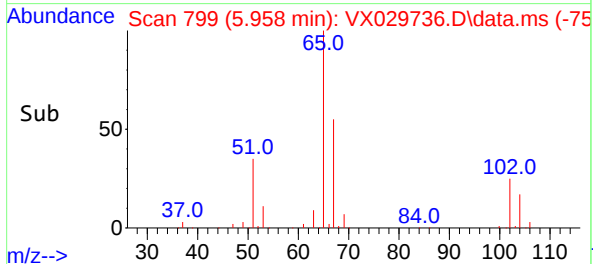
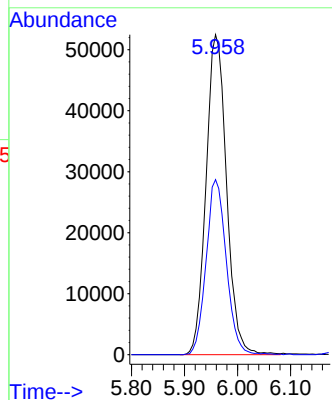
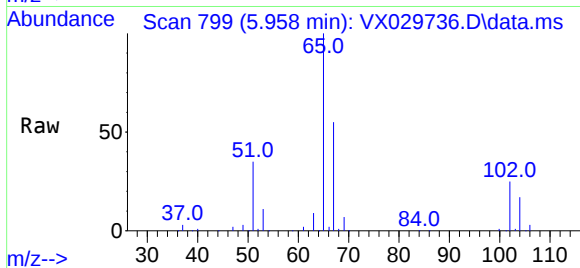
MW-16

Tgt Ion: 65 Resp: 140945

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029736.D

Acq: 23 Jun 2022 12:11

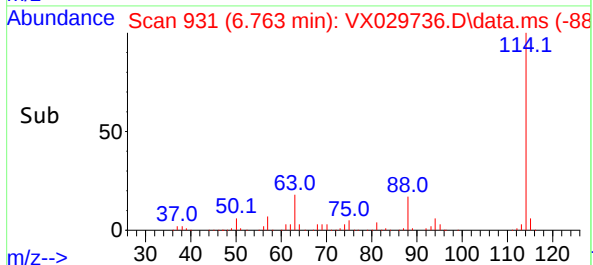
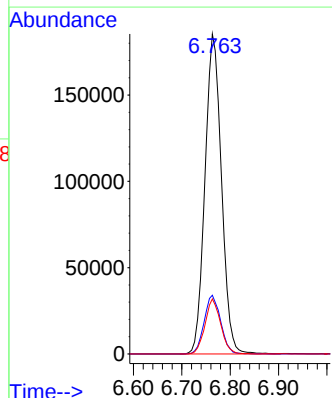
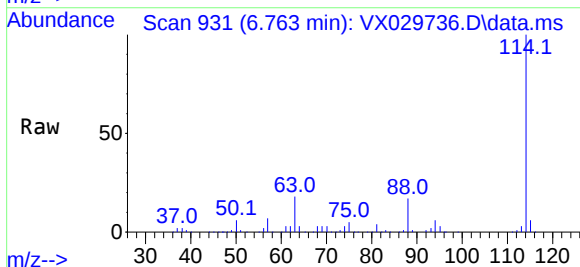
Tgt Ion: 114 Resp: 439768

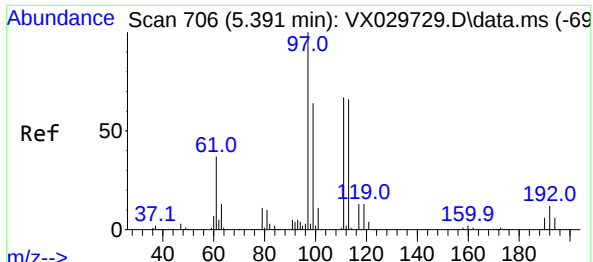
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

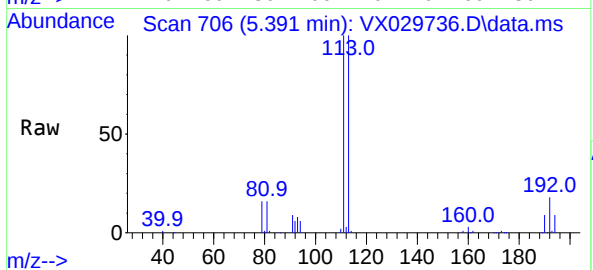
88 17.2 0.0 32.4



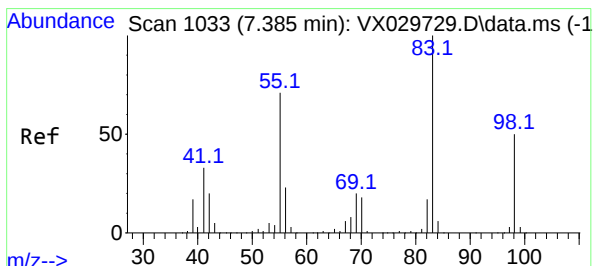
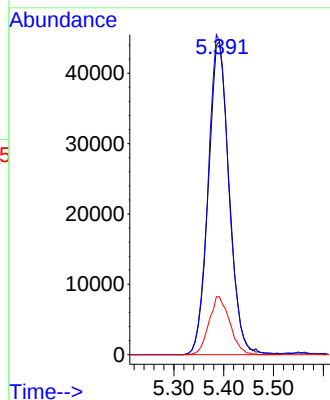
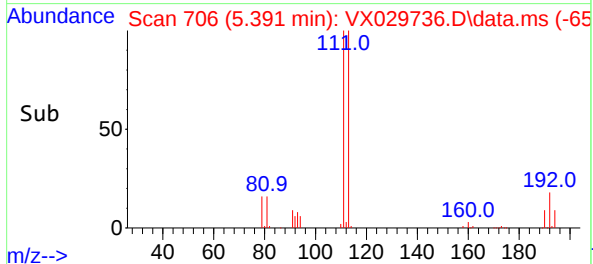


#35
Dibromofluoromethane
Concen: 44.969 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
MW-16

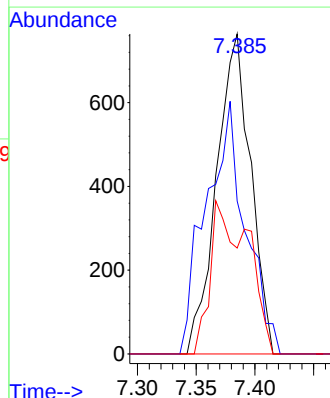
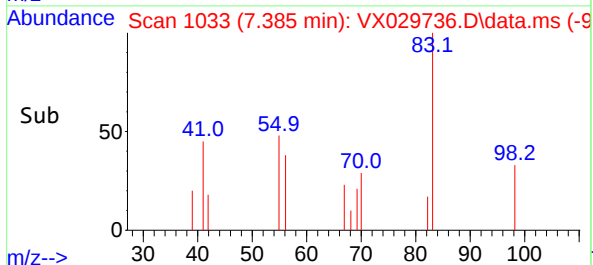
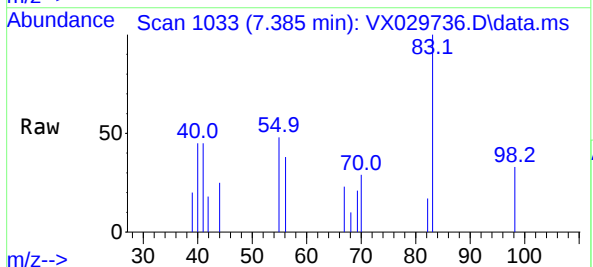


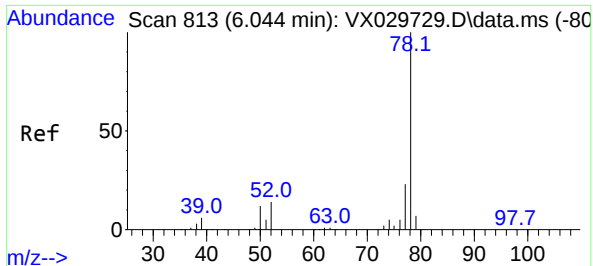
Tgt Ion:113 Resp: 128877
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.5 16.9 25.3



#39
Methylcyclohexane
Concen: 0.319 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 83 Resp: 1541
Ion Ratio Lower Upper
83 100
55 47.8 54.6 81.8#
98 33.1 37.4 56.2#

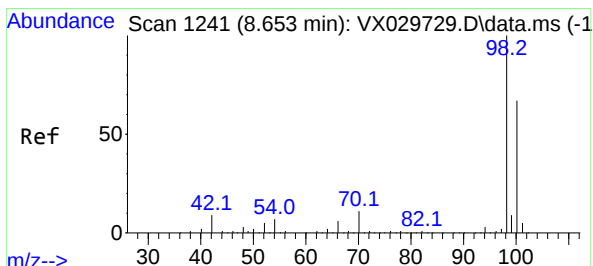
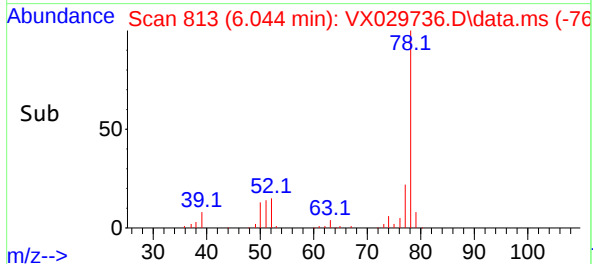
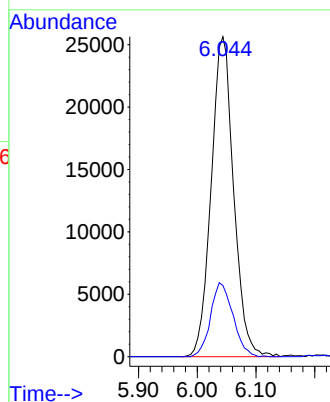
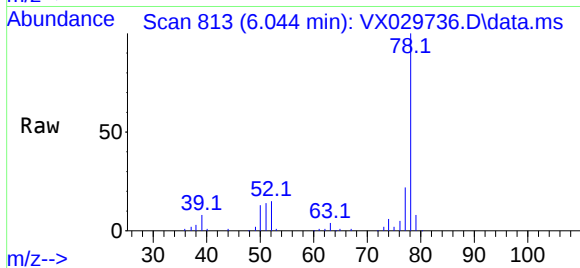




#40
Benzene
Concen: 5.920 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

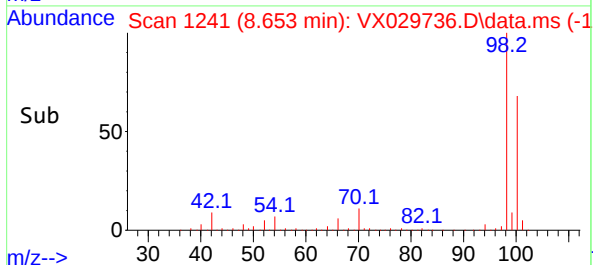
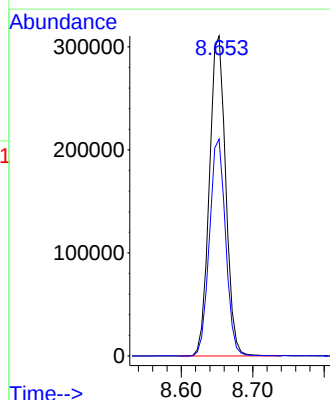
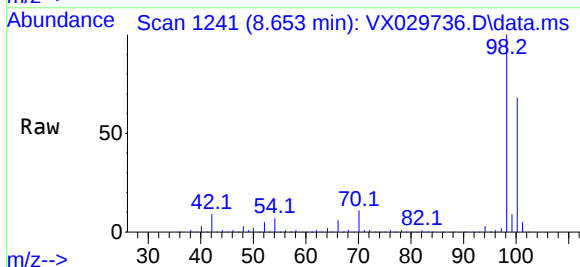
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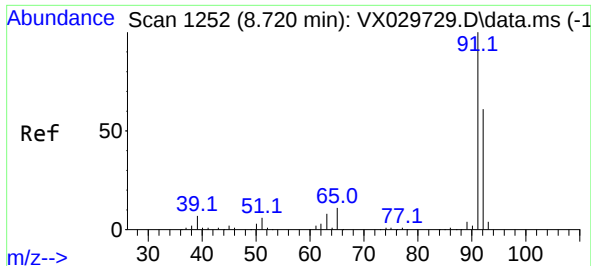
Tgt Ion: 78 Resp: 68072
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9



#50
Toluene-d8
Concen: 46.996 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 98 Resp: 492038
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

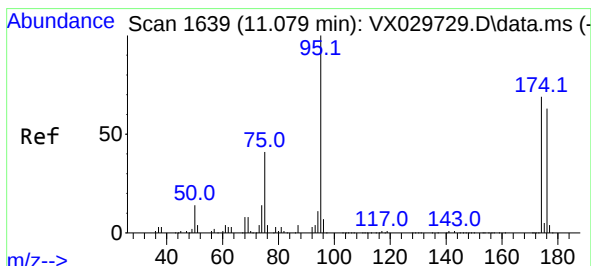
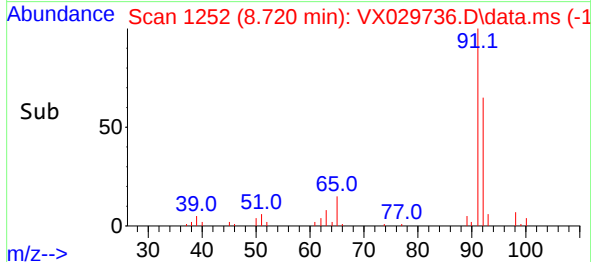
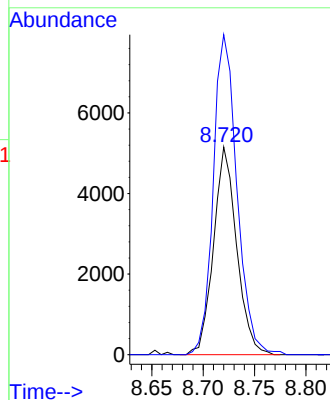
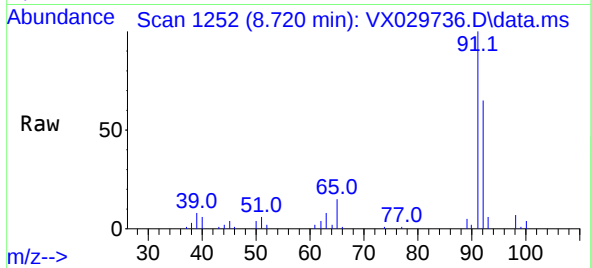




#52
Toluene
Concen: 1.095 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

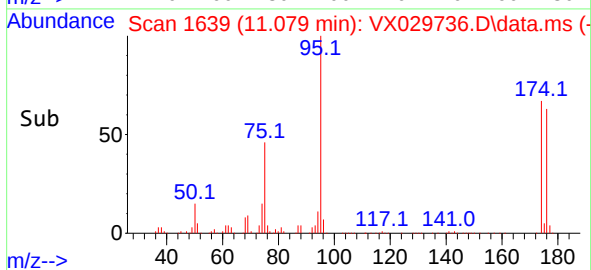
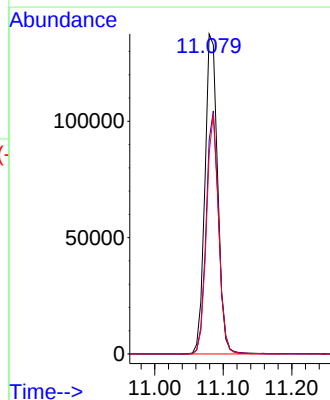
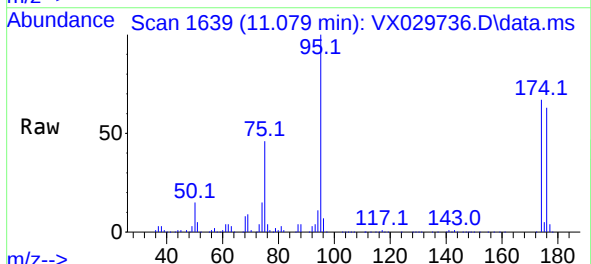
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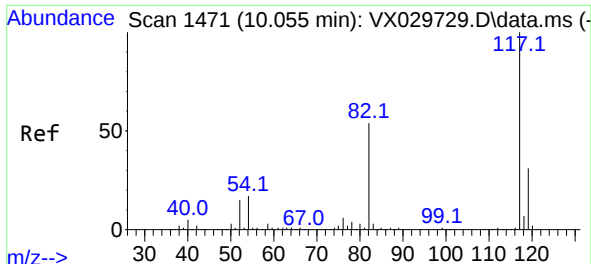
Tgt Ion: 92 Resp: 8063
Ion Ratio Lower Upper
92 100
91 158.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 45.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 95 Resp: 178334
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 71.5 0.0 155.0

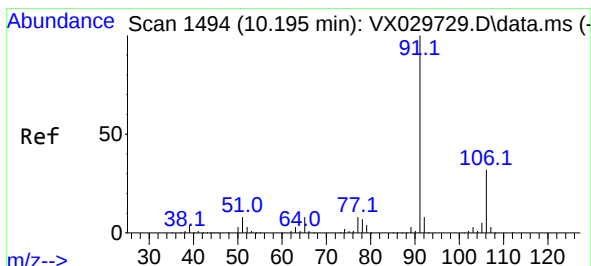
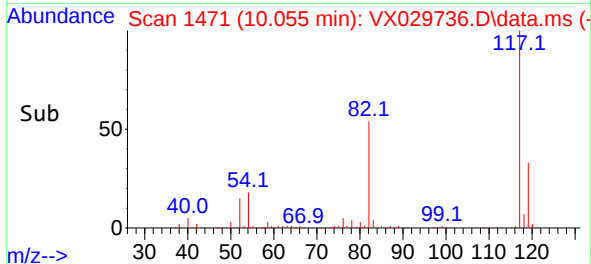
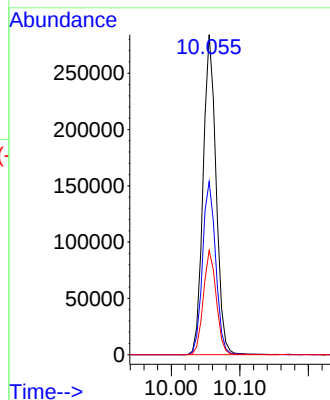
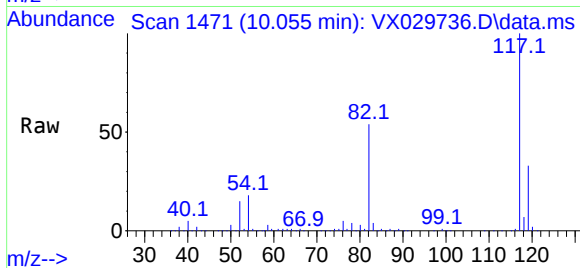




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

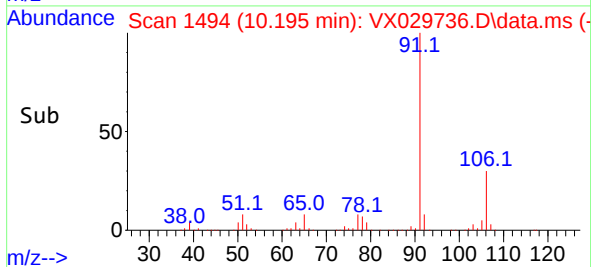
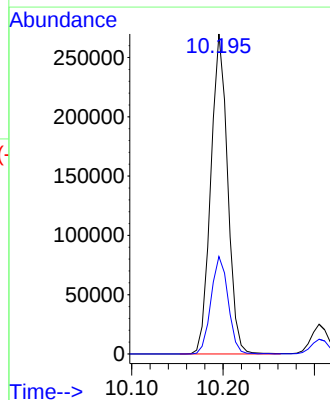
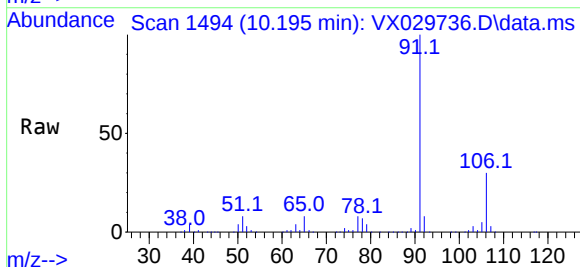
Instrument :
MSVOA_X
ClientSampleId :
MW-16

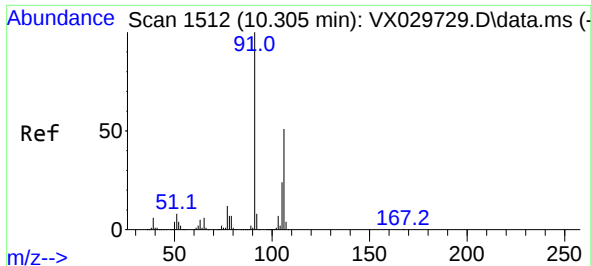
Tgt Ion:117 Resp: 374567
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 26.046 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 91 Resp: 344369
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

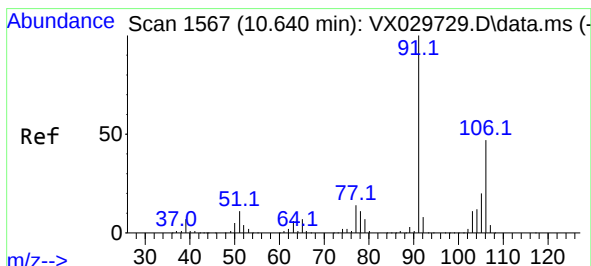
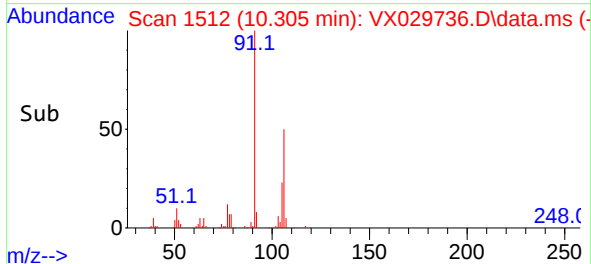
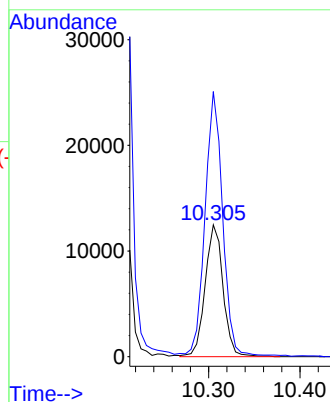
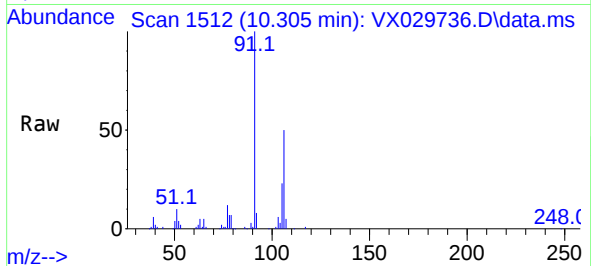




#68
m/p-Xylenes
Concen: 3.288 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

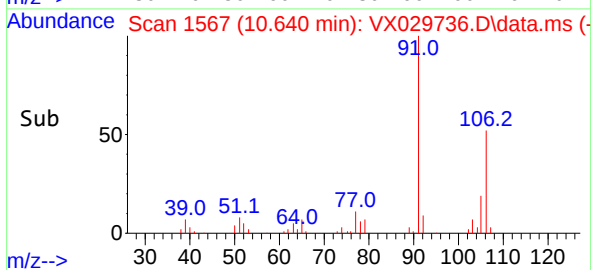
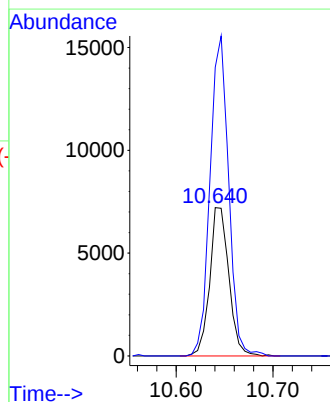
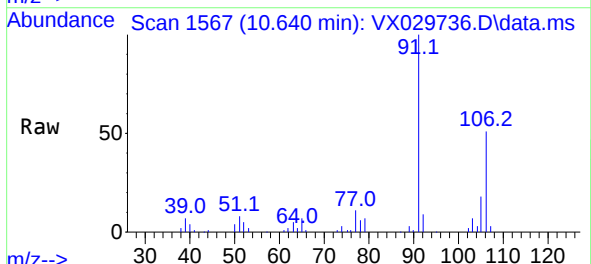
Instrument :
MSVOA_X
ClientSampleId :
MW-16

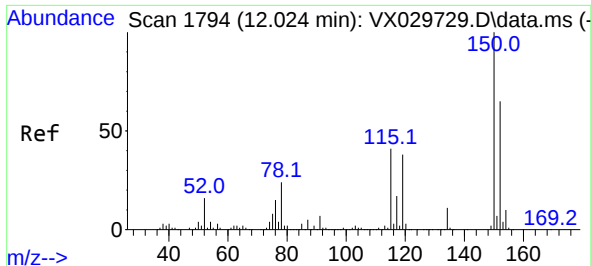
Tgt Ion:106 Resp: 16954
Ion Ratio Lower Upper
106 100
91 197.3 160.4 240.6



#69
o-Xylene
Concen: 1.952 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

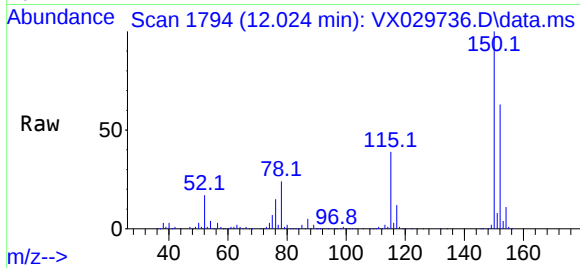
Tgt Ion:106 Resp: 9946
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.1



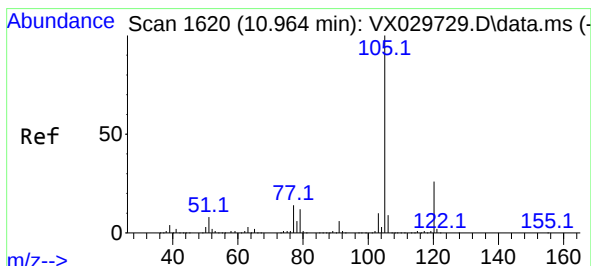
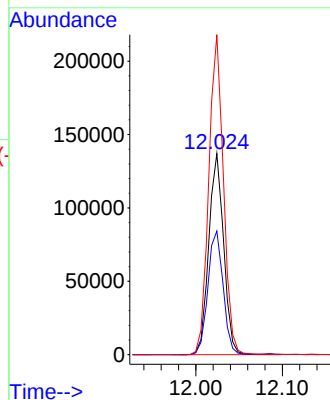
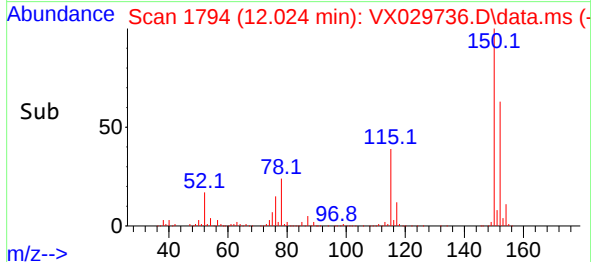


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

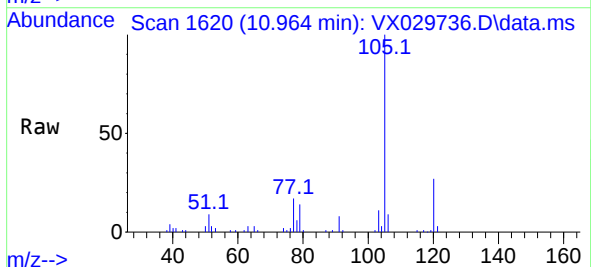
Instrument :
MSVOA_X
ClientSampleId :
MW-16



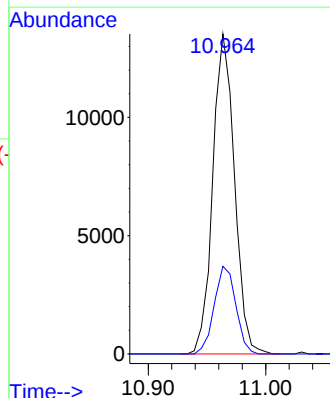
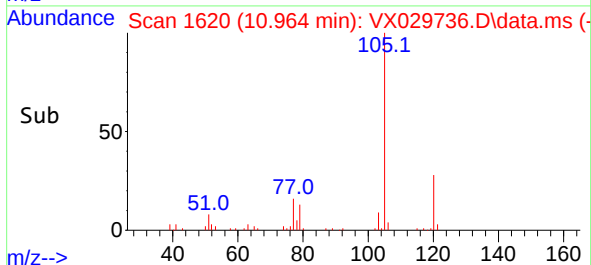
Tgt Ion:152 Resp: 163893
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 156.5 0.0 338.2

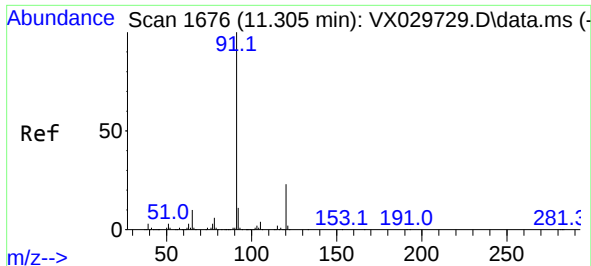


#73
Isopropylbenzene
Concen: 1.415 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11



Tgt Ion:105 Resp: 17383
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

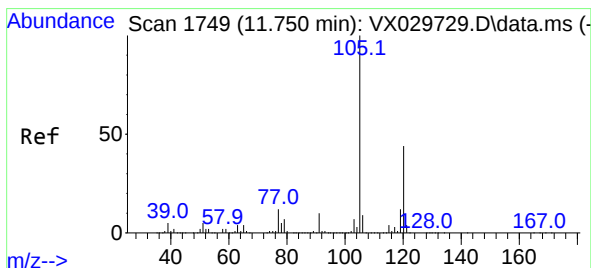
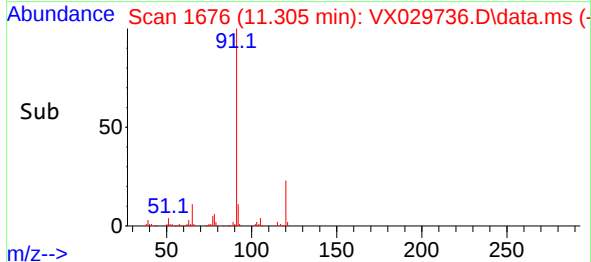
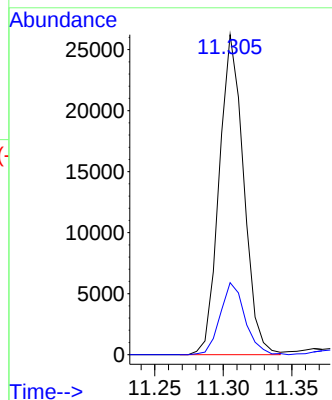
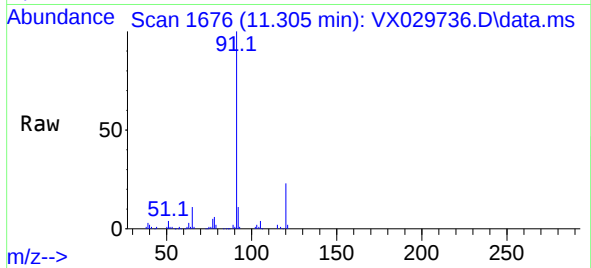




#78
n-propylbenzene
Concen: 2.351 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

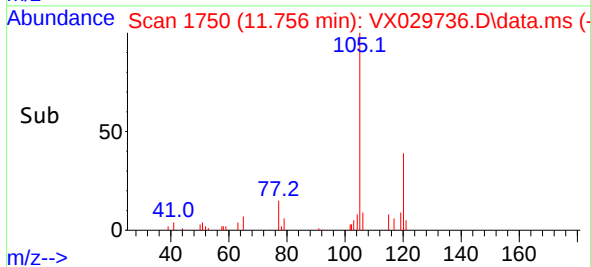
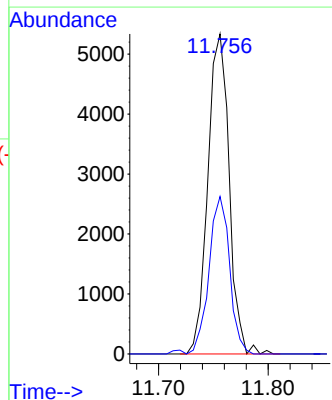
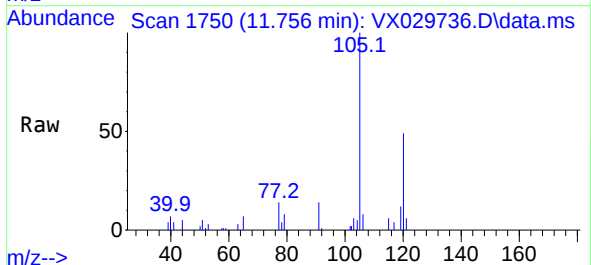
Instrument :
MSVOA_X
ClientSampleId :
MW-16

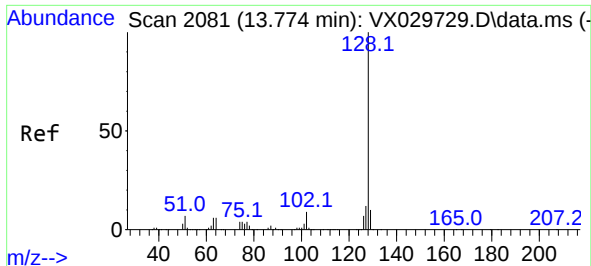
Tgt Ion: 91 Resp: 32540
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 0.698 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029736.D
Acq: 23 Jun 2022 12:11

Tgt Ion: 105 Resp: 7205
Ion Ratio Lower Upper
105 100
120 48.2 22.6 67.8





#95

Naphthalene

Concen: 5.407 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX029736.D

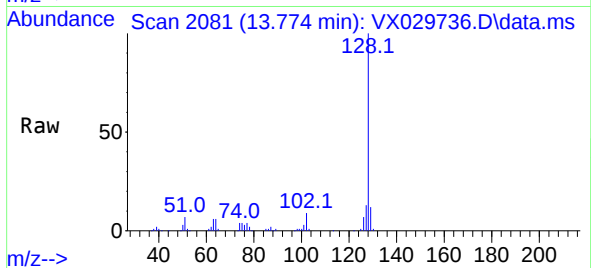
Acq: 23 Jun 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

MW-16



Tgt Ion:128 Resp: 62163

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.7 13.1

