

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027228.D
 Acq On : 28 Feb 2022 18:23
 Operator : JC/MD
 Sample : N1688-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Mar 01 00:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

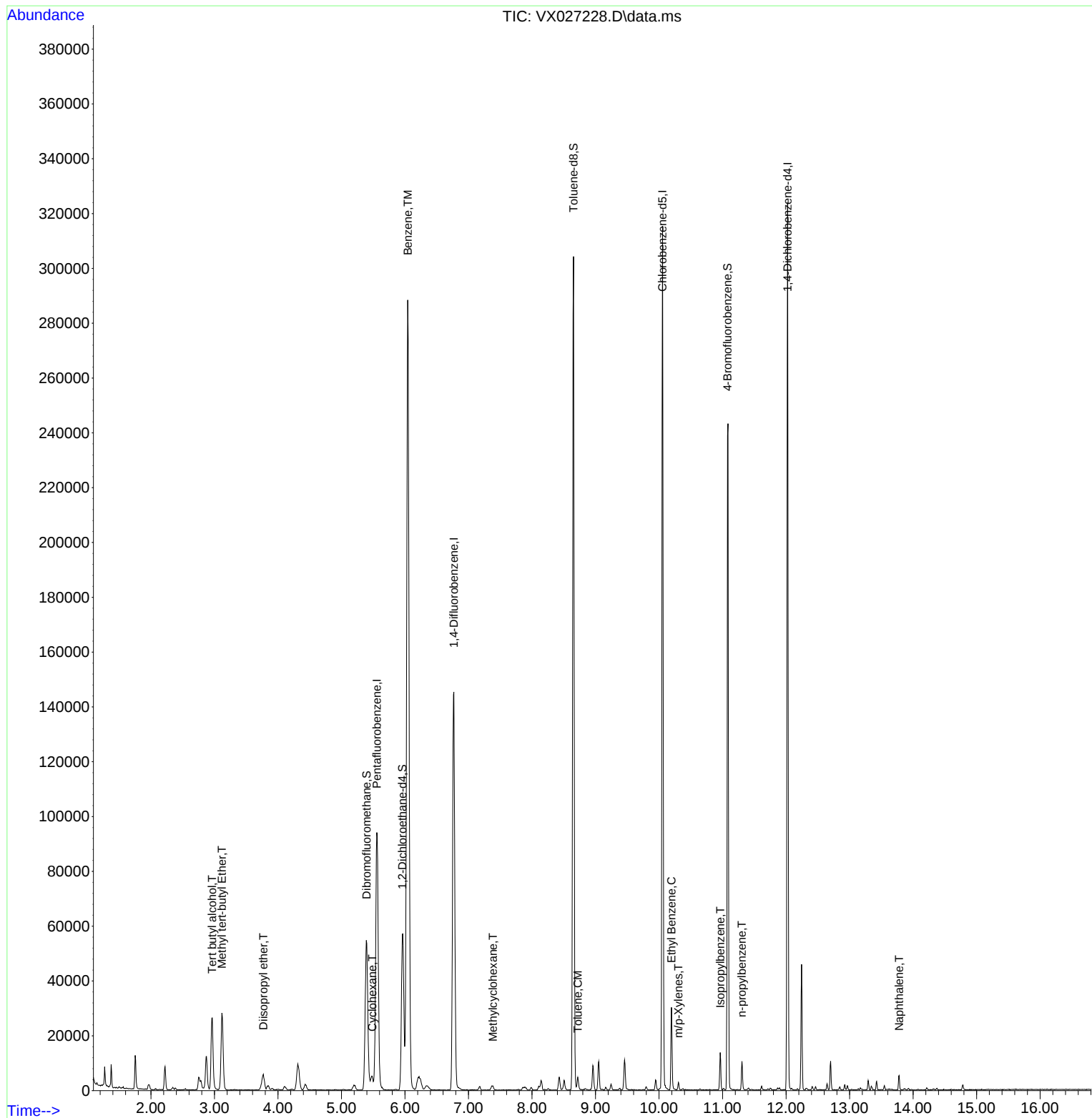
Internal Standards						
1) Pentafluorobenzene	5.556	168	93168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	155087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56561	50.548	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.100%		
35) Dibromofluoromethane	5.397	113	48240	50.112	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.220%		
50) Toluene-d8	8.653	98	181999	50.563	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.120%		
62) 4-Bromofluorobenzene	11.079	95	67820	49.086	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.180%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	30710	141.059	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30566	9.821	ug/l	98
22) Diisopropyl ether	3.770	45	5984	1.922	ug/l #	76
31) Cyclohexane	5.483	56	3674	2.192	ug/l	98
39) Methylcyclohexane	7.385	83	692	0.396	ug/l	90
40) Benzene	6.044	78	351015	85.436	ug/l	100
52) Toluene	8.720	92	1770	0.673	ug/l	90
67) Ethyl Benzene	10.195	91	17289	3.419	ug/l	97
68) m/p-Xylenes	10.305	106	765	0.393	ug/l	92
73) Isopropylbenzene	10.963	105	7215	1.530	ug/l	98
78) n-propylbenzene	11.305	91	6737	1.257	ug/l	97
95) Naphthalene	13.780	128	3517	0.760	ug/l	99

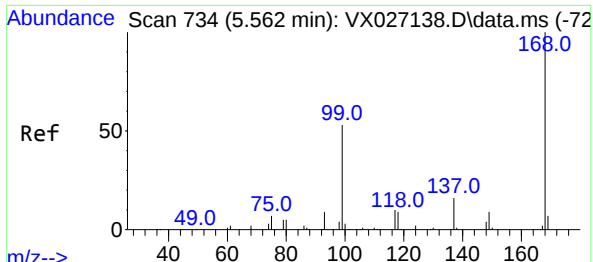
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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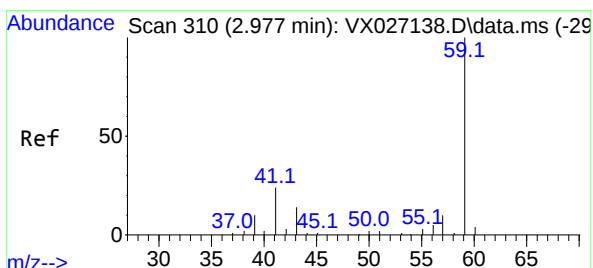
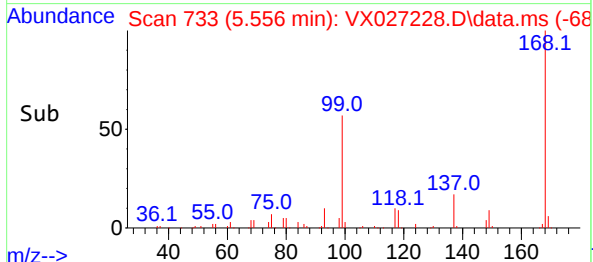
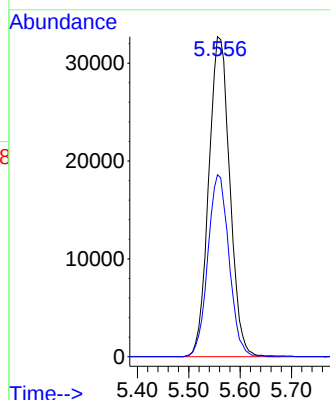
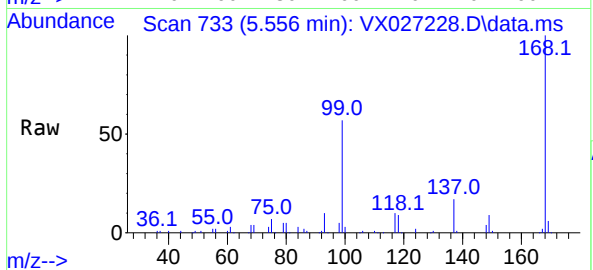




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

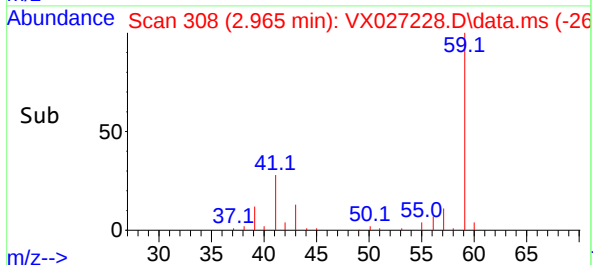
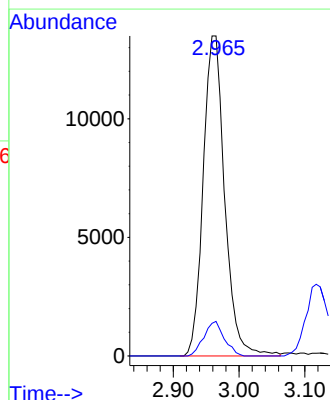
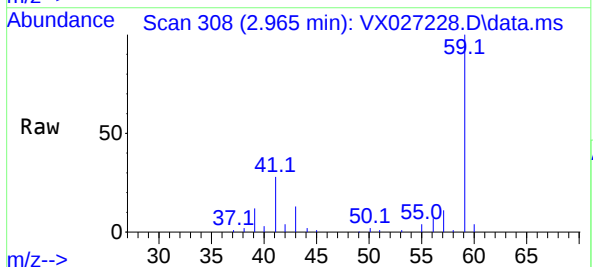
Instrument :
MSVOA_X
ClientSampleId :
MW-35

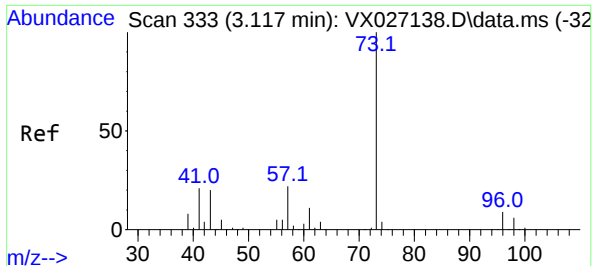
Tgt Ion:168 Resp: 93168
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5



#11
Tert butyl alcohol
Concen: 141.059 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion: 59 Resp: 30710
Ion Ratio Lower Upper
59 100
57 10.2 7.2 10.8





#19

Methyl tert-butyl Ether

Concen: 9.821 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

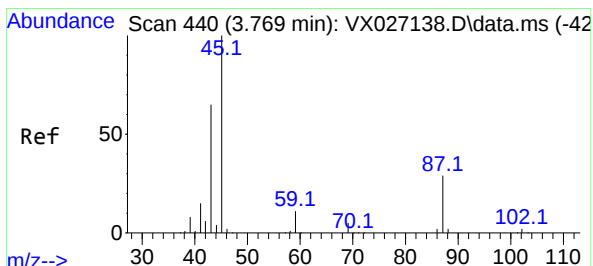
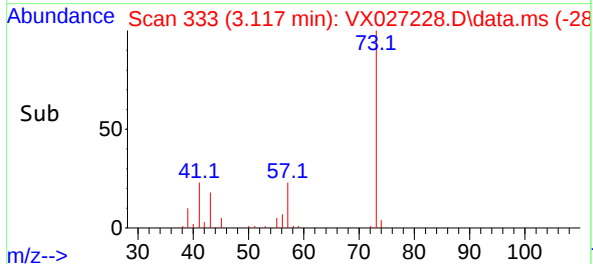
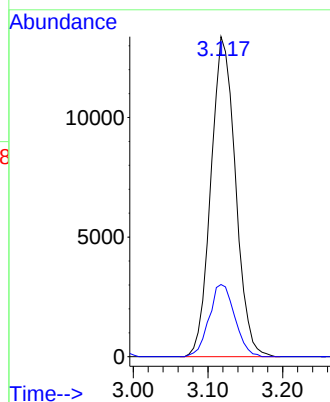
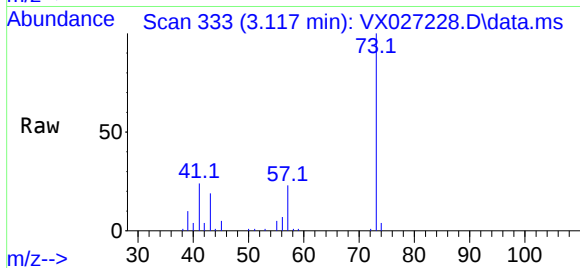
MW-35

Tgt Ion: 73 Resp: 30566

Ion Ratio Lower Upper

73 100

57 22.6 17.4 26.2



#22

Diisopropyl ether

Concen: 1.922 ug/l

RT: 3.770 min Scan# 440

Delta R.T. 0.001 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

Tgt Ion: 45 Resp: 5984

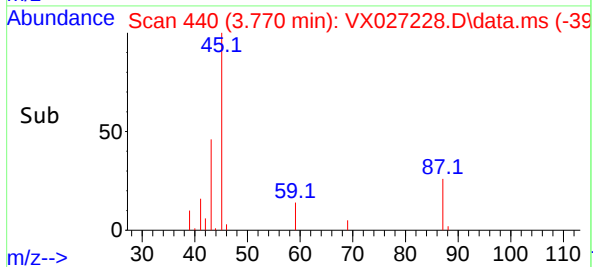
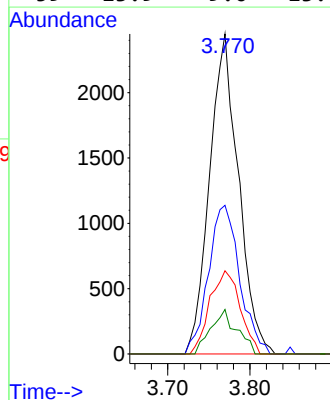
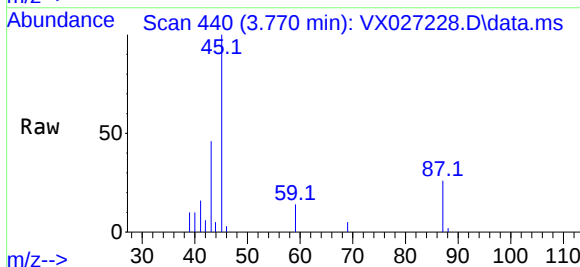
Ion Ratio Lower Upper

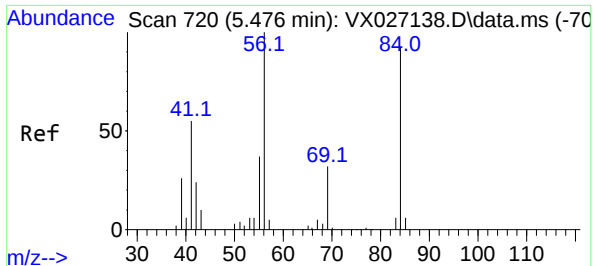
45 100

43 46.5 60.6 91.0#

87 26.0 22.0 33.0

59 13.9 9.0 13.4#

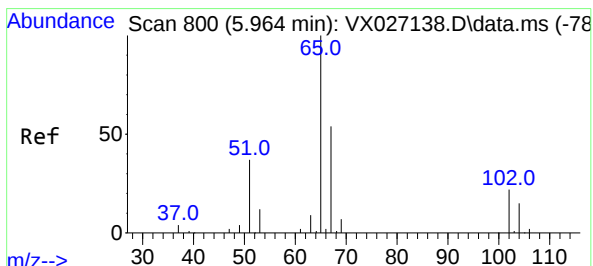
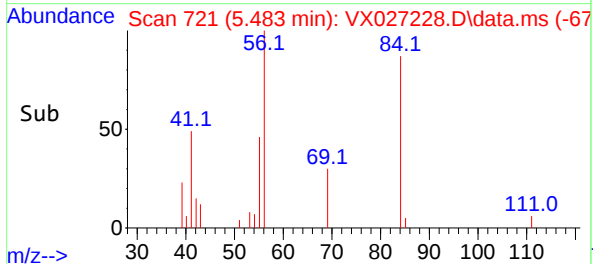
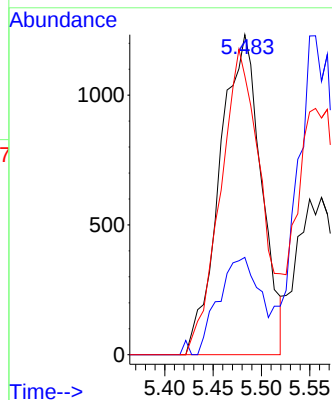
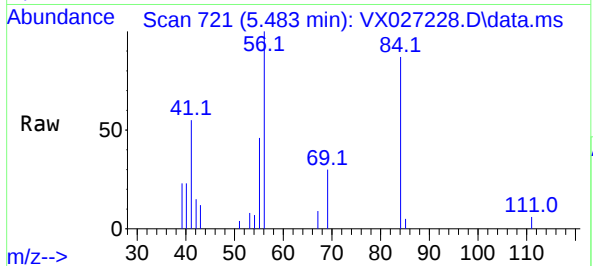




#31
Cyclohexane
Concen: 2.192 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

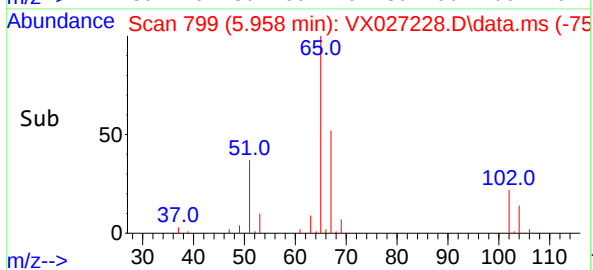
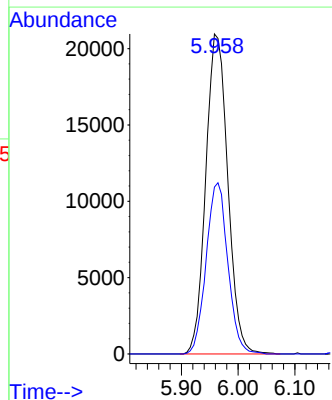
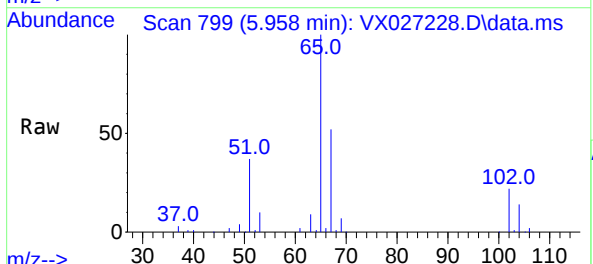
Instrument :
MSVOA_X
ClientSampleId :
MW-35

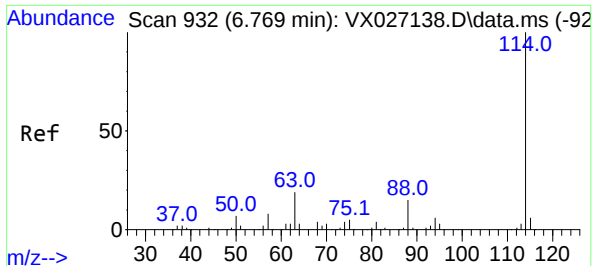
Tgt Ion: 56 Resp: 3674
Ion Ratio Lower Upper
56 100
69 30.4 25.8 38.6
84 87.1 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 50.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion: 65 Resp: 56561
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-35

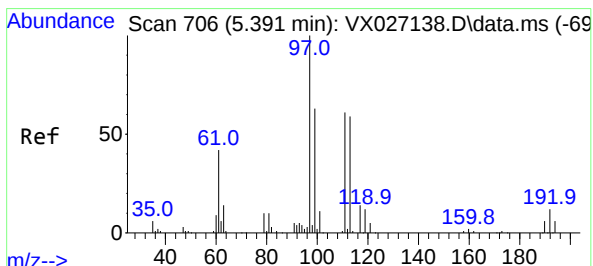
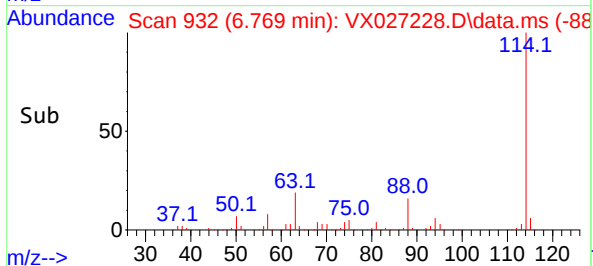
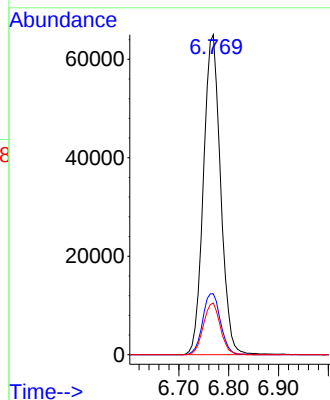
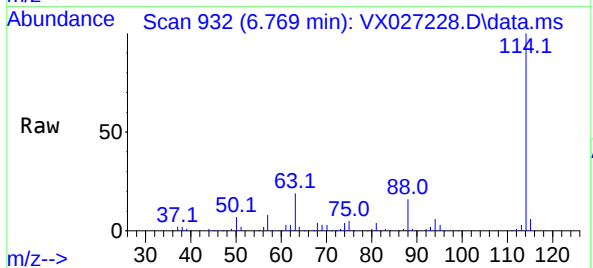
Tgt Ion:114 Resp: 155087

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

88 16.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.112 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

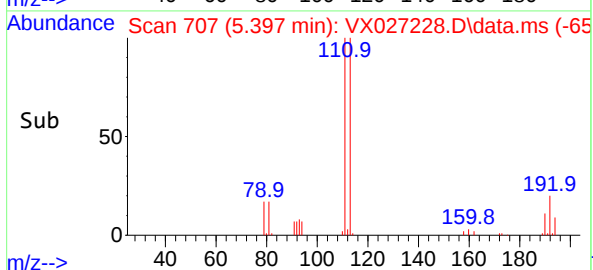
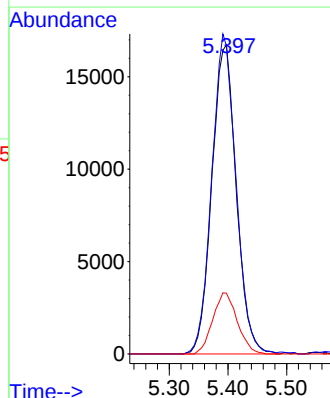
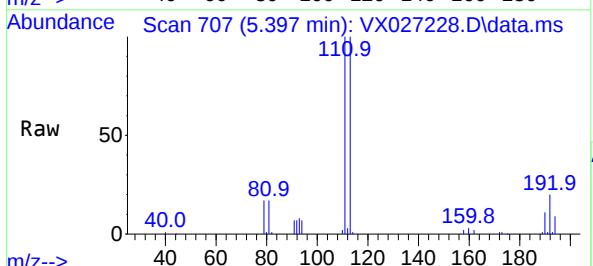
Tgt Ion:113 Resp: 48240

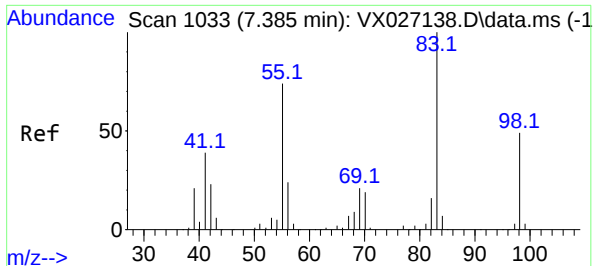
Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 19.8 15.0 22.4





#39

Methylcyclohexane

Concen: 0.396 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

MW-35

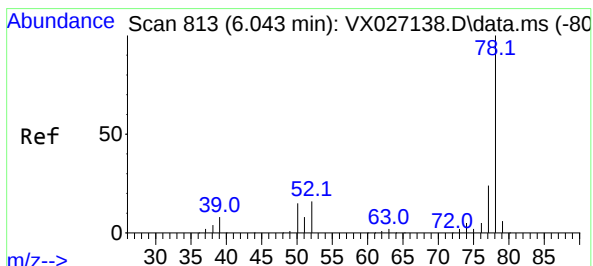
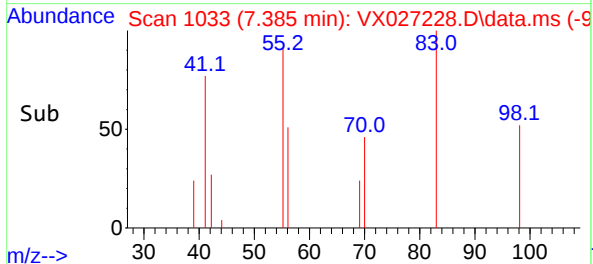
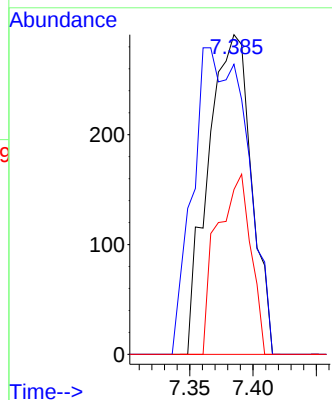
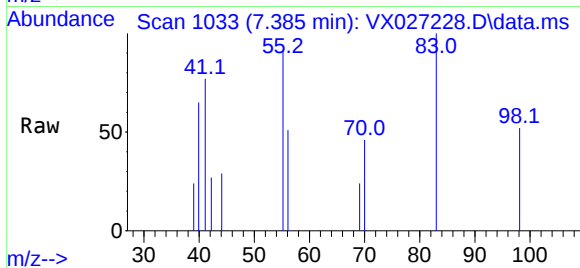
Tgt Ion: 83 Resp: 692

Ion Ratio Lower Upper

83 100

55 90.7 63.6 95.4

98 51.5 38.4 57.6



#40

Benzene

Concen: 85.436 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.001 min

Lab File: VX027228.D

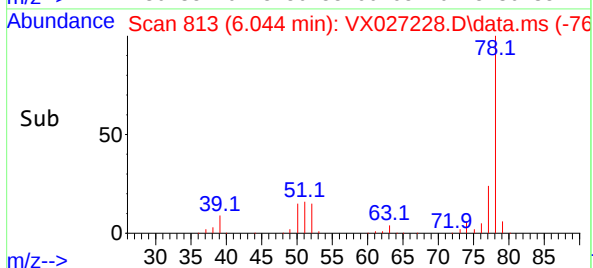
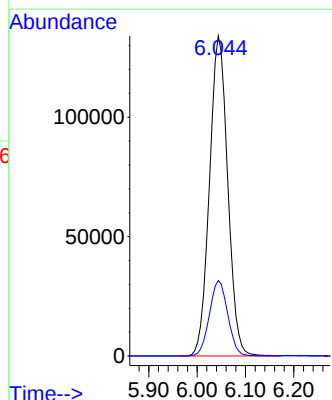
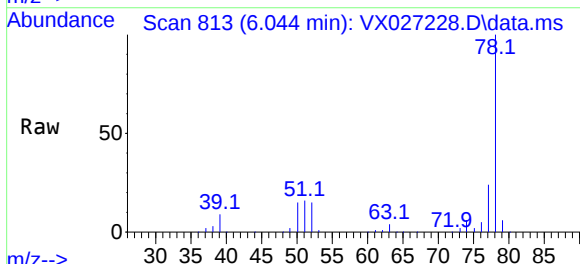
Acq: 28 Feb 2022 18:23

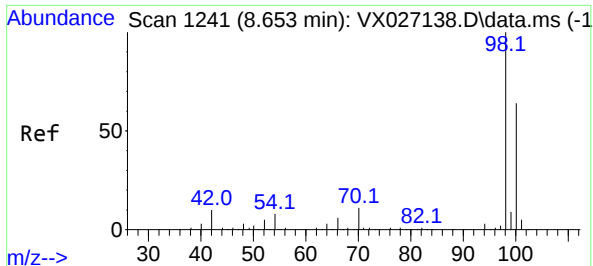
Tgt Ion: 78 Resp: 351015

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

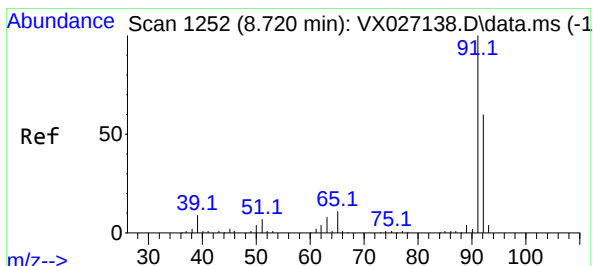
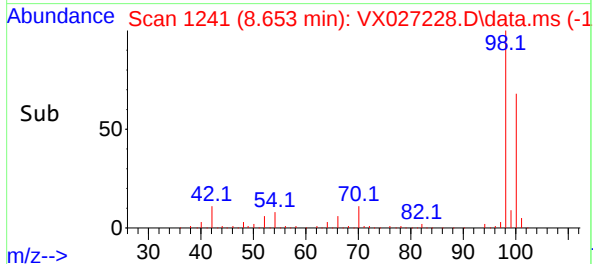
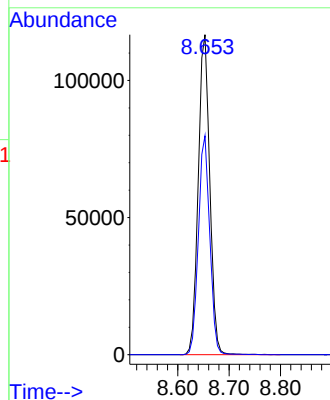
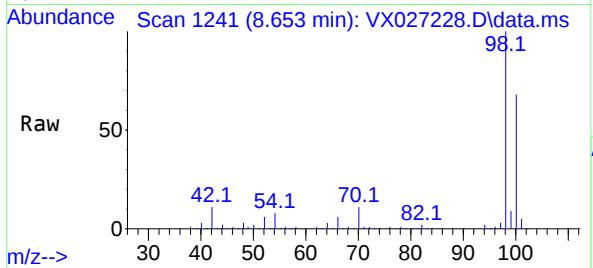




#50
Toluene-d8
Concen: 50.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

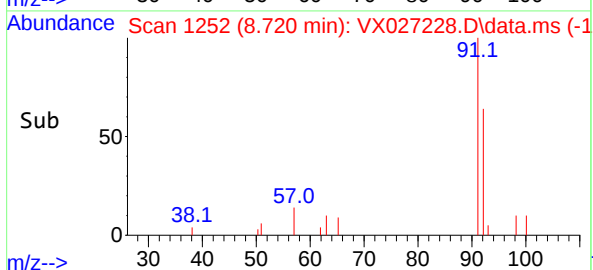
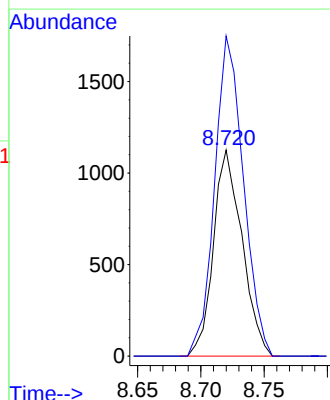
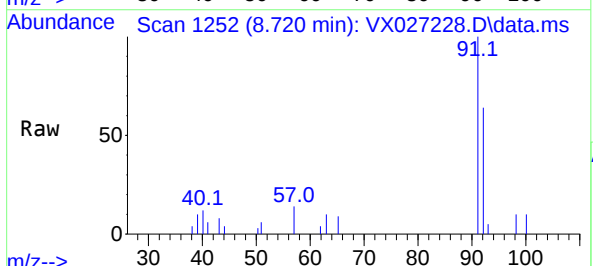
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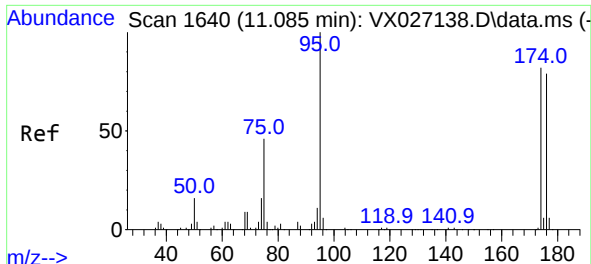
Tgt Ion: 98 Resp: 181999
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8



#52
Toluene
Concen: 0.673 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion: 92 Resp: 1770
Ion Ratio Lower Upper
92 100
91 156.6 135.7 203.5

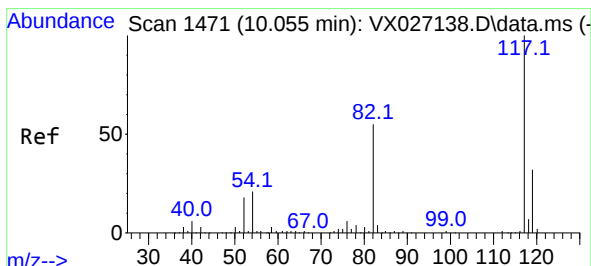
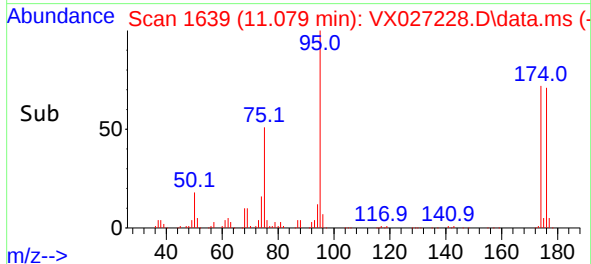
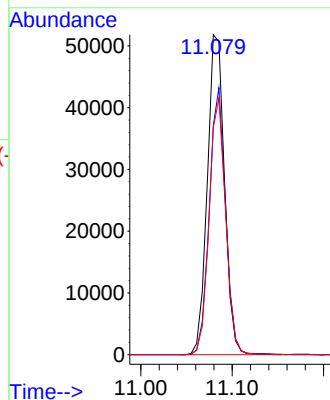
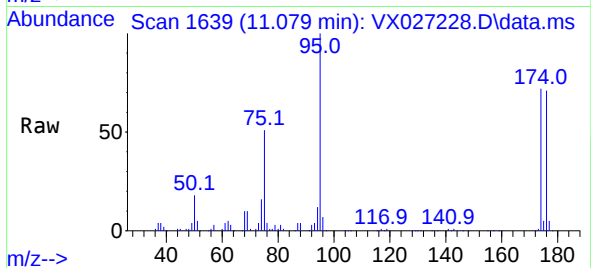




#62
4-Bromofluorobenzene
Concen: 49.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

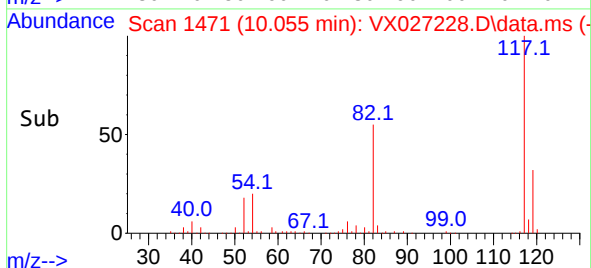
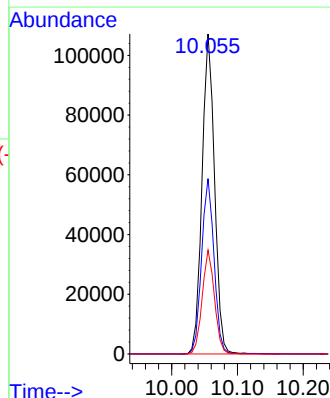
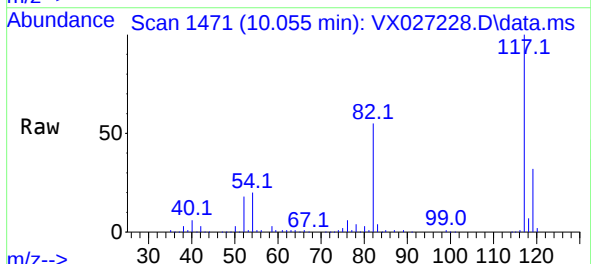
Instrument :
MSVOA_X
ClientSampleId :
MW-35

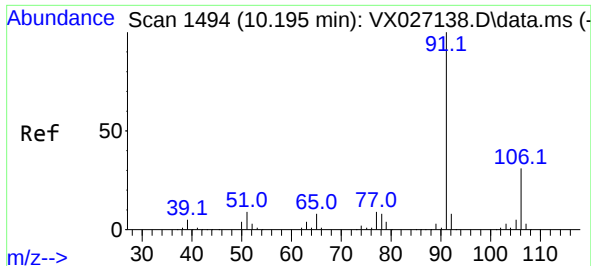
Tgt Ion: 95 Resp: 67820
Ion Ratio Lower Upper
95 100
174 78.8 0.0 148.6
176 76.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion: 117 Resp: 141316
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.4 26.2 39.2





#67

Ethyl Benzene

Concen: 3.419 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027228.D

Acq: 28 Feb 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

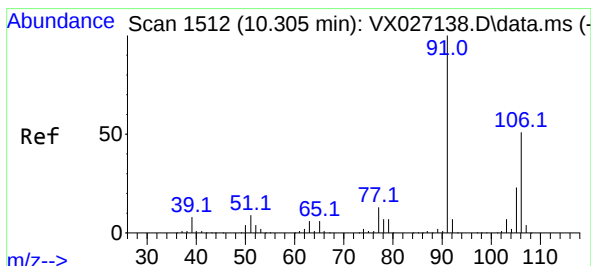
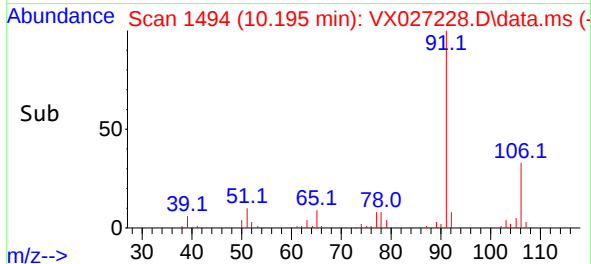
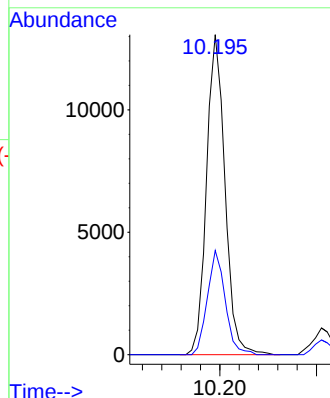
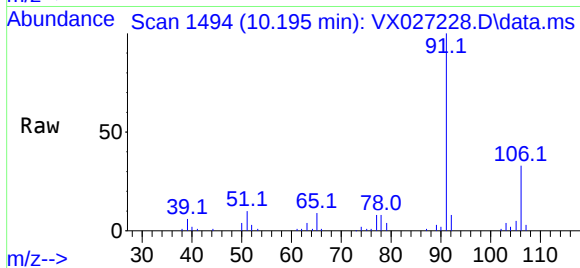
MW-35

Tgt Ion: 91 Resp: 17289

Ion Ratio Lower Upper

91 100

106 32.6 24.7 37.1



#68

m/p-Xylenes

Concen: 0.393 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027228.D

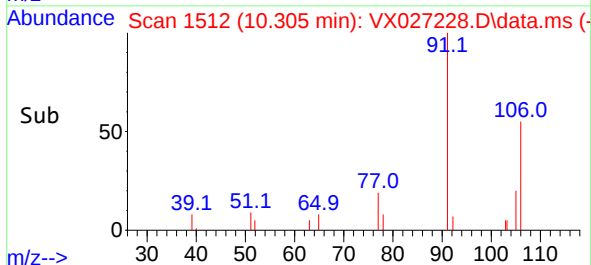
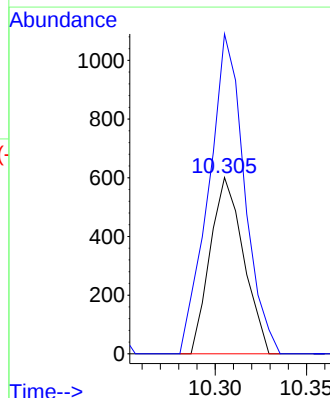
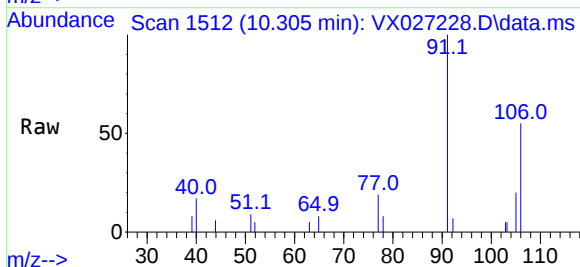
Acq: 28 Feb 2022 18:23

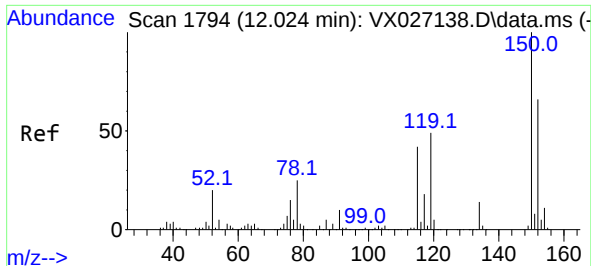
Tgt Ion: 106 Resp: 765

Ion Ratio Lower Upper

106 100

91 194.2 165.3 247.9

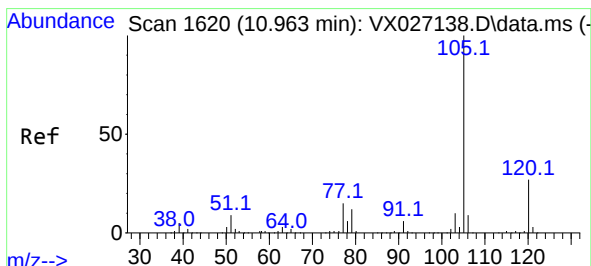
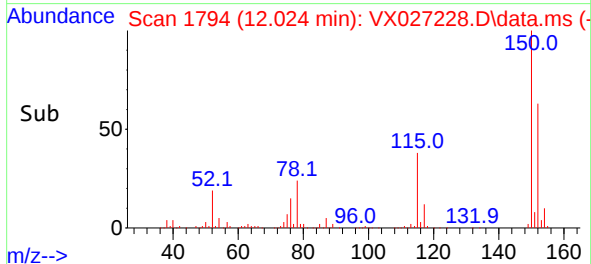
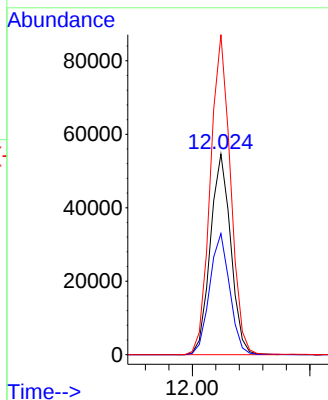
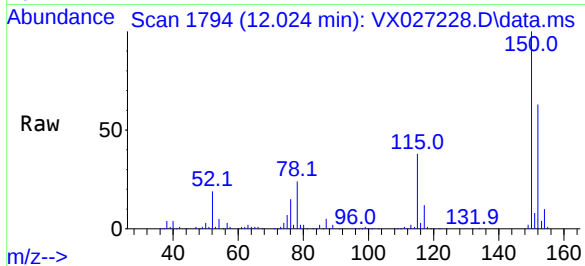




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

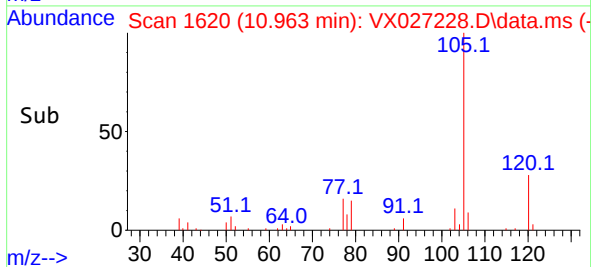
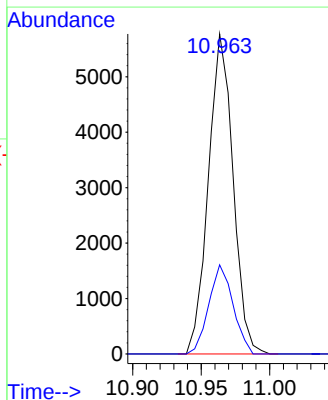
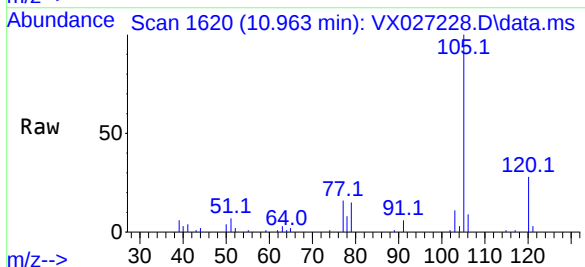
Instrument :
MSVOA_X
ClientSampleId :
MW-35

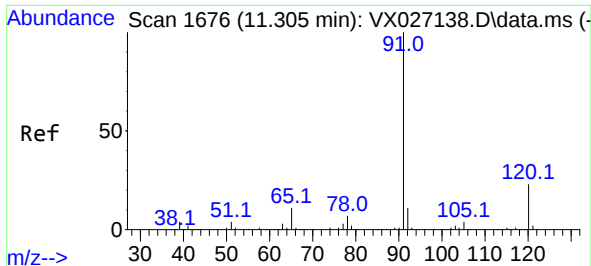
Tgt Ion:152 Resp: 65896
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 157.7 0.0 348.2



#73
Isopropylbenzene
Concen: 1.530 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion:105 Resp: 7215
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

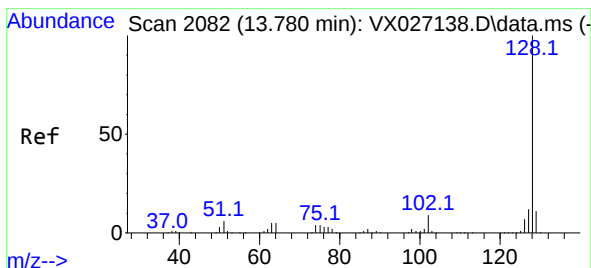
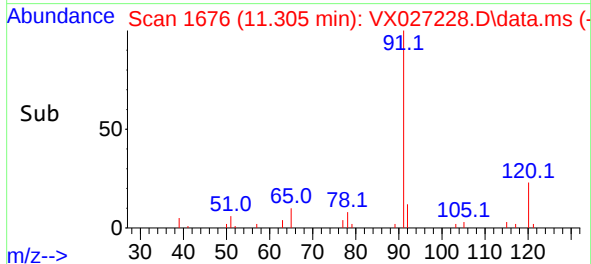
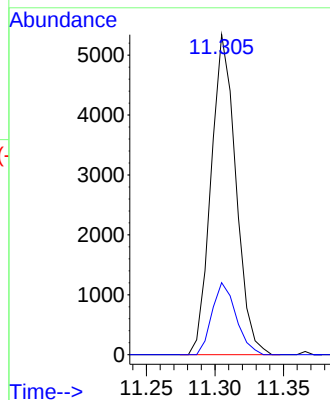
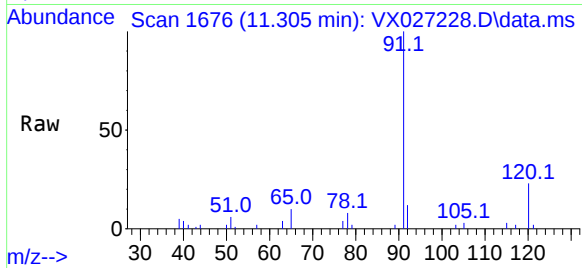




#78
n-propylbenzene
Concen: 1.257 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
MW-35

Tgt Ion: 91 Resp: 6737
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.7



#95
Naphthalene
Concen: 0.760 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027228.D
Acq: 28 Feb 2022 18:23

Tgt Ion: 128 Resp: 3517
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.7 13.1

