

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032725.D
 Acq On : 10 Nov 2022 14:01
 Operator : JC/MD
 Sample : N5514-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6IDL

Quant Time: Nov 11 00:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

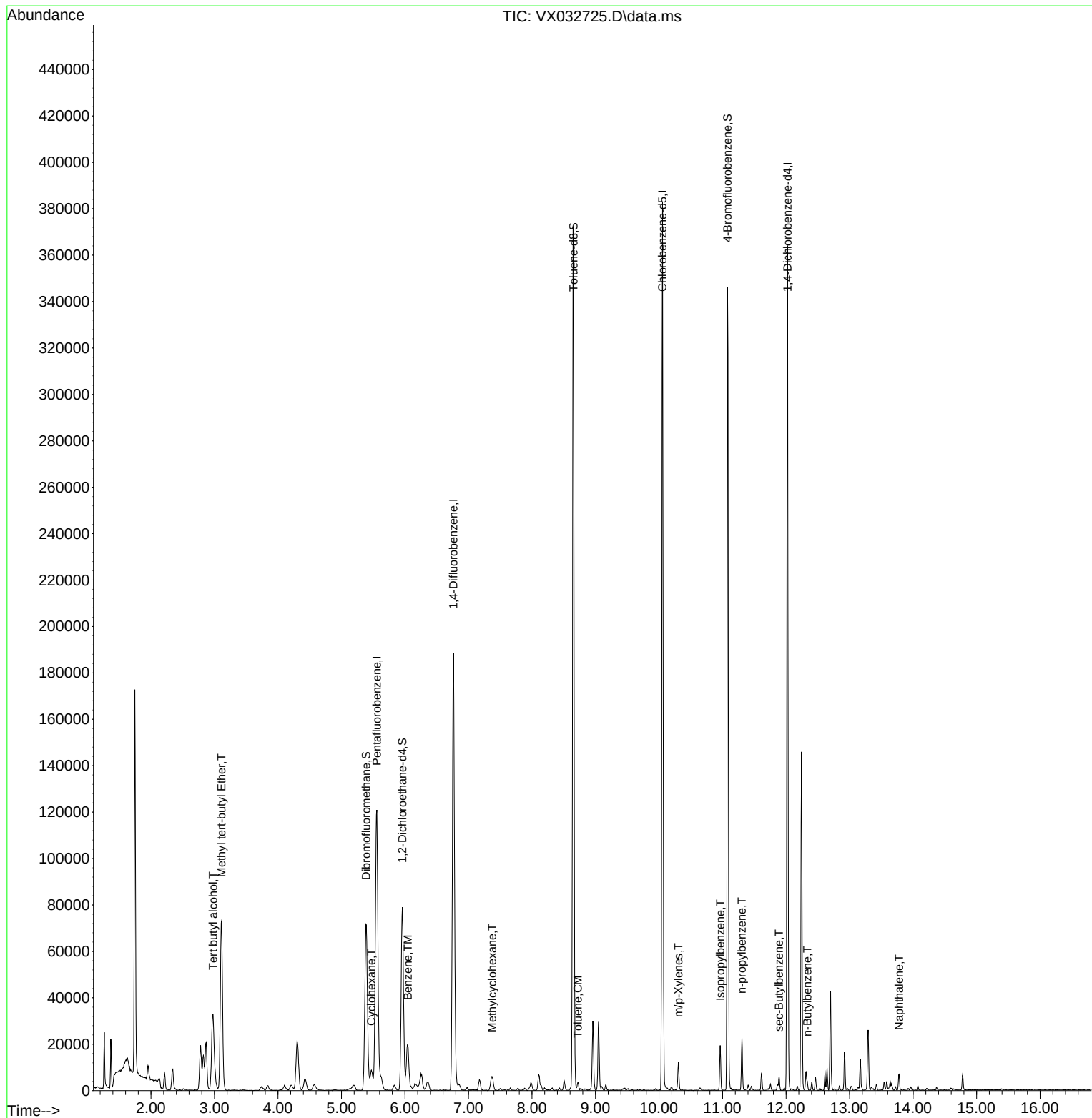
Internal Standards						
1) Pentafluorobenzene	5.556	168	114768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79344	49.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.520%
35) Dibromofluoromethane	5.385	113	61762	46.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.653	98	225215	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	85992	47.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	48277	207.998	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	60600	14.980	ug/l #	59
31) Cyclohexane	5.471	56	5724	2.960	ug/l	93
39) Methylcyclohexane	7.373	83	2142	0.976	ug/l #	64
40) Benzene	6.044	78	24199	4.608	ug/l	97
52) Toluene	8.720	92	1260	0.368	ug/l	97
68) m/p-Xylenes	10.305	106	2773	1.093	ug/l	93
73) Isopropylbenzene	10.963	105	9730	1.670	ug/l	100
78) n-propylbenzene	11.305	91	13849	2.063	ug/l	98
85) sec-Butylbenzene	11.890	105	3234	0.541	ug/l #	67
89) n-Butylbenzene	12.335	91	2284	0.517	ug/l #	55
95) Naphthalene	13.780	128	4874	0.844	ug/l	96

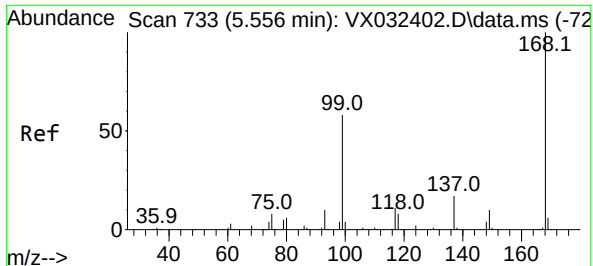
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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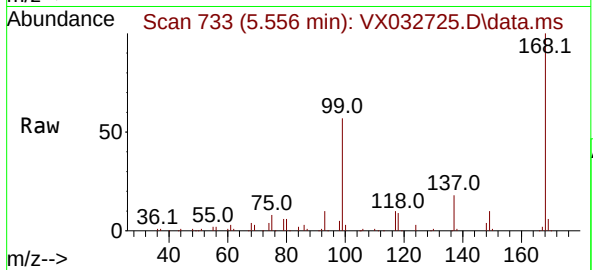
Quant Time: Nov 11 00:36:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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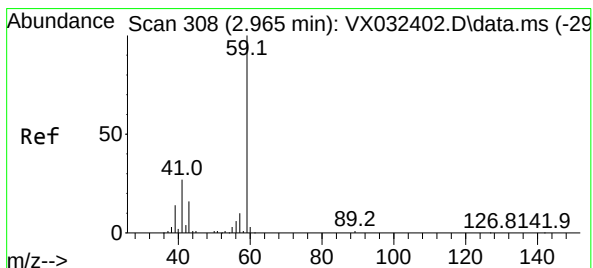
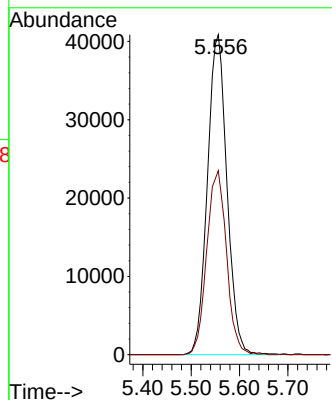
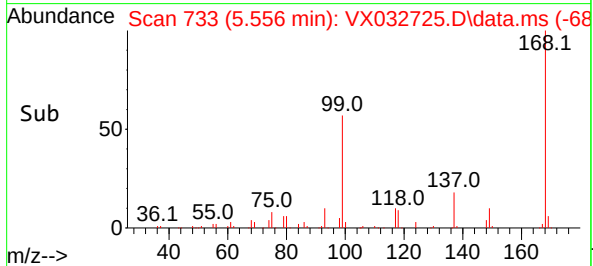


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Instrument :
MSVOA_X
ClientSampleId :
MW-6IDL

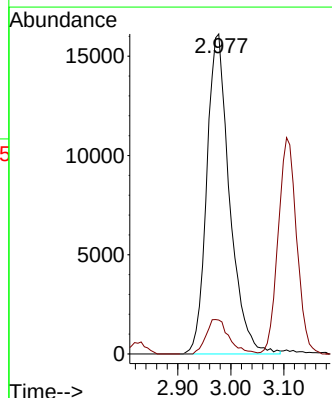
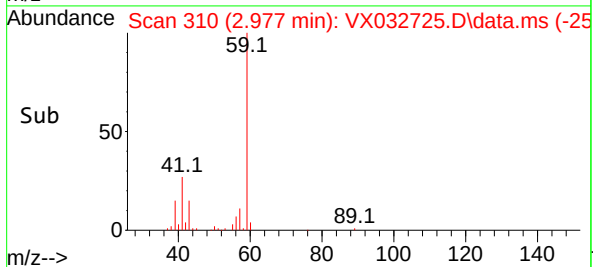
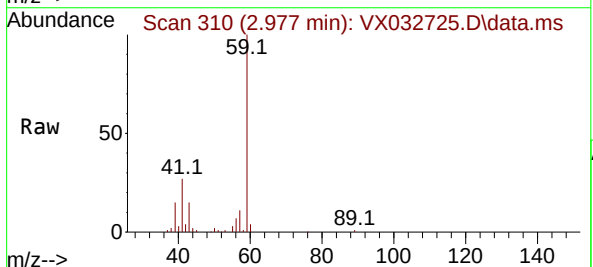


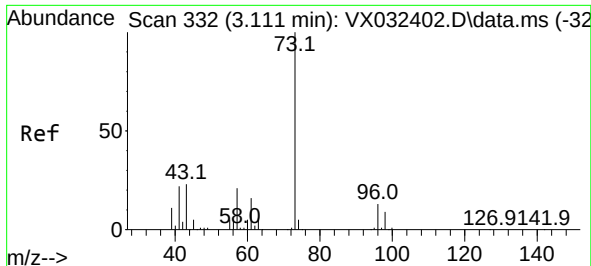
Tgt Ion:168 Resp: 114768
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 207.998 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Tgt Ion: 59 Resp: 48277
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

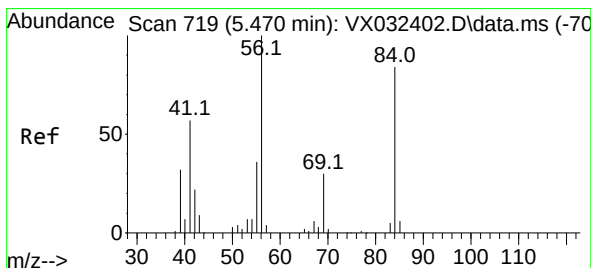
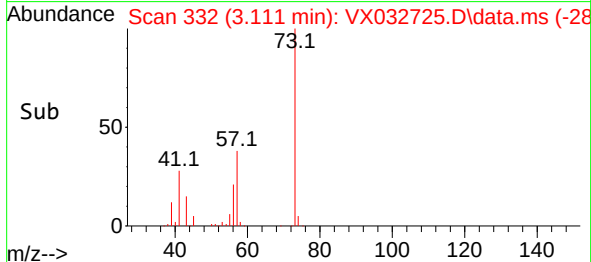
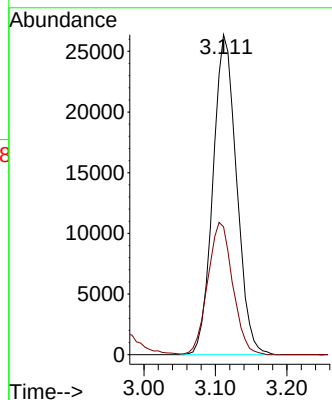
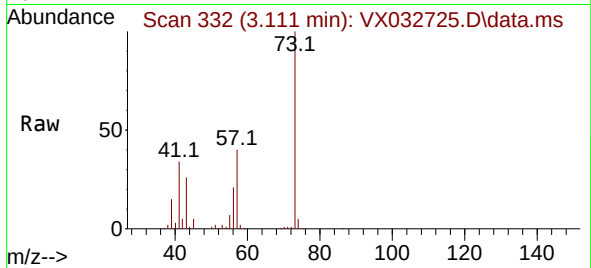




#19
Methyl tert-butyl Ether
Concen: 14.980 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

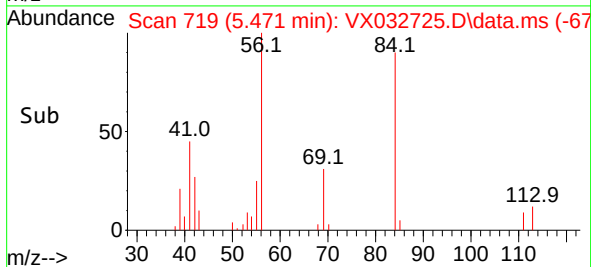
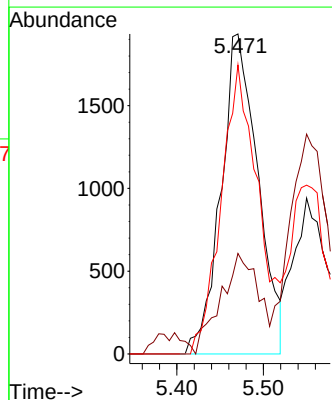
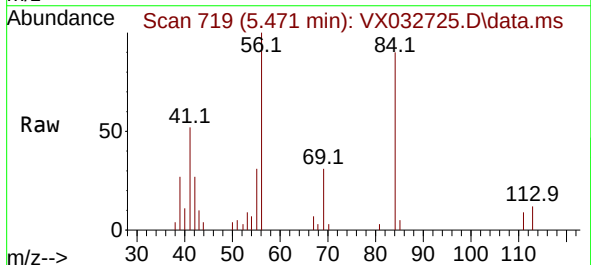
Instrument :
MSVOA_X
ClientSampleId :
MW-6IDL

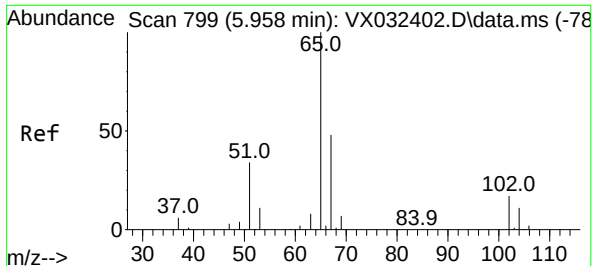
Tgt Ion: 73 Resp: 60600
Ion Ratio Lower Upper
73 100
57 39.9 16.6 25.0#



#31
Cyclohexane
Concen: 2.960 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Tgt Ion: 56 Resp: 5724
Ion Ratio Lower Upper
56 100
69 27.2 24.1 36.1
84 90.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 49.756 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

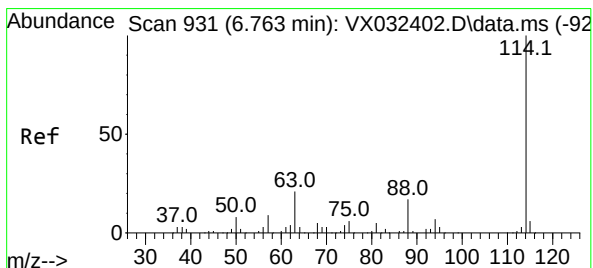
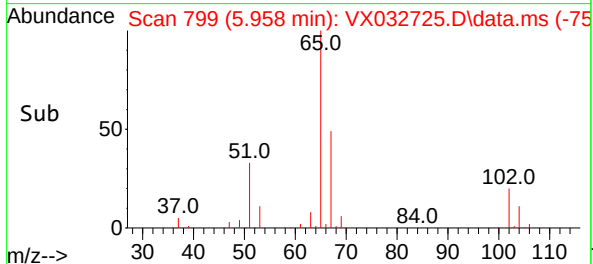
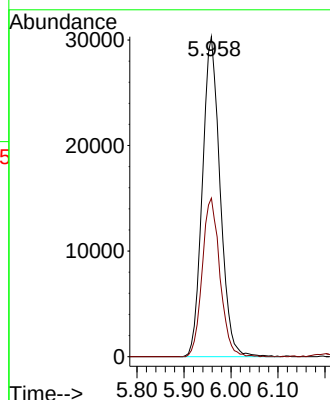
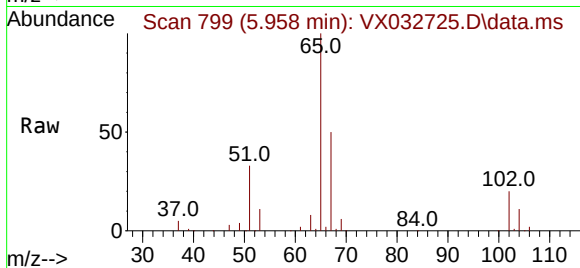
MW-6IDL

Tgt Ion: 65 Resp: 79344

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

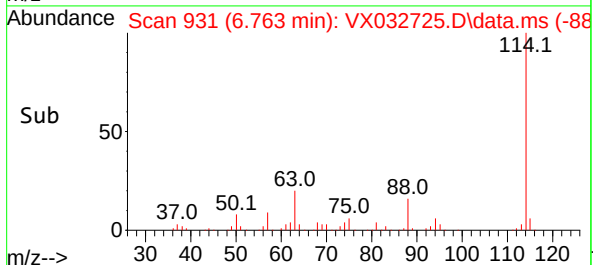
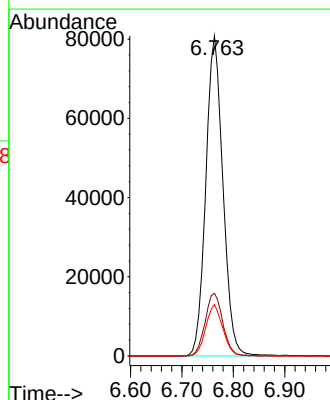
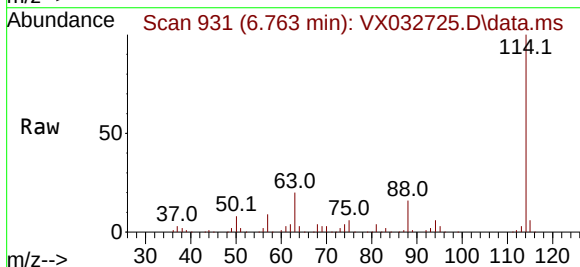
Tgt Ion: 114 Resp: 186825

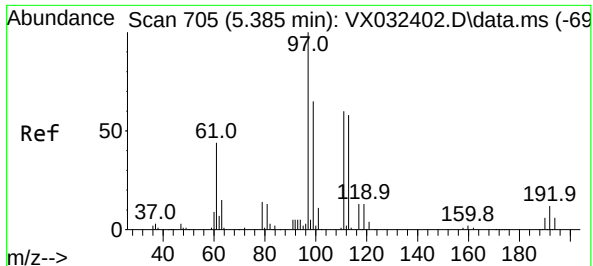
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.346 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

MW-6IDL

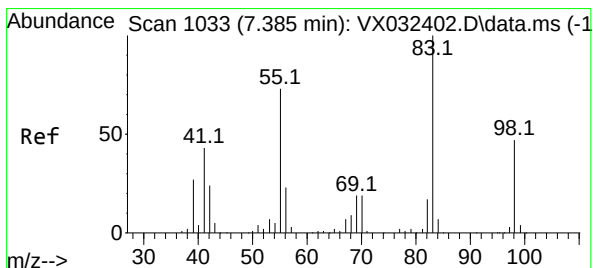
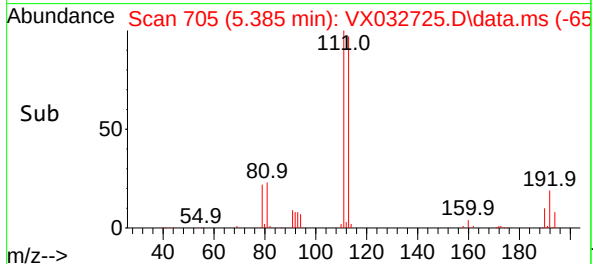
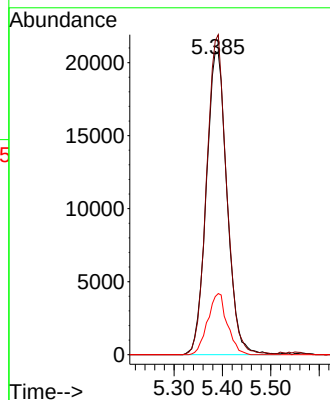
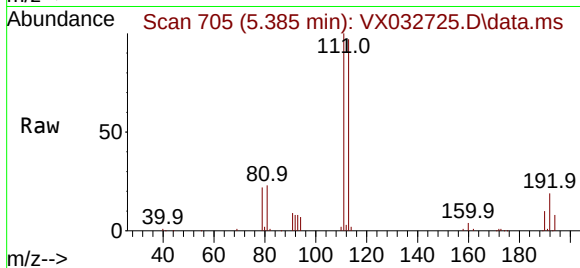
Tgt Ion:113 Resp: 61762

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 19.1 15.4 23.2



#39

Methylcyclohexane

Concen: 0.976 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

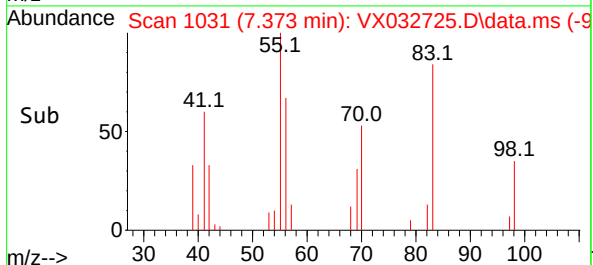
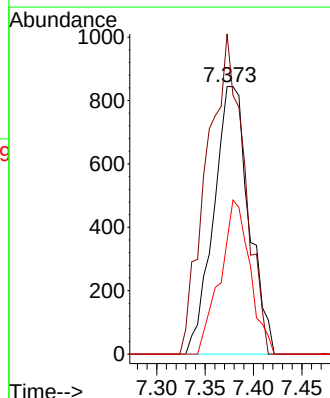
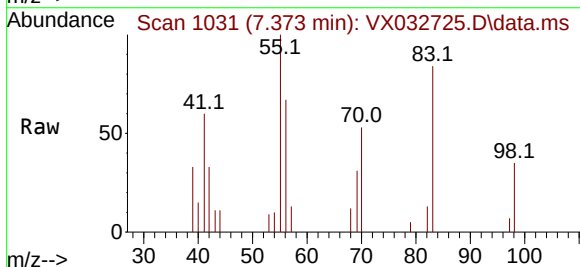
Tgt Ion: 83 Resp: 2142

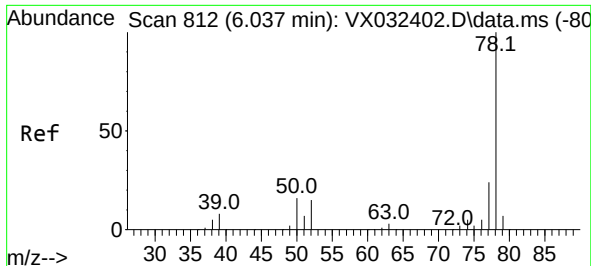
Ion Ratio Lower Upper

83 100

55 119.7 58.4 87.6#

98 42.4 37.2 55.8

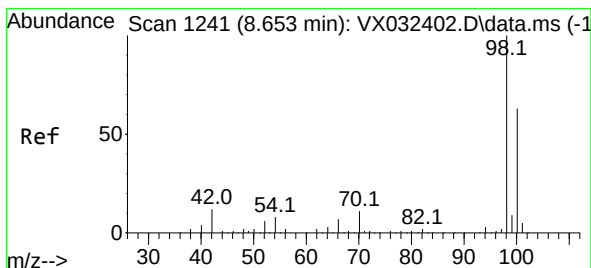
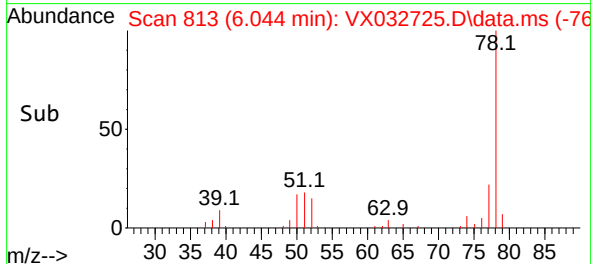
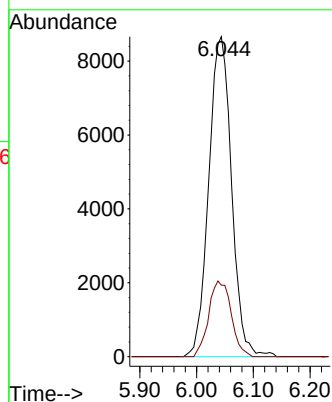
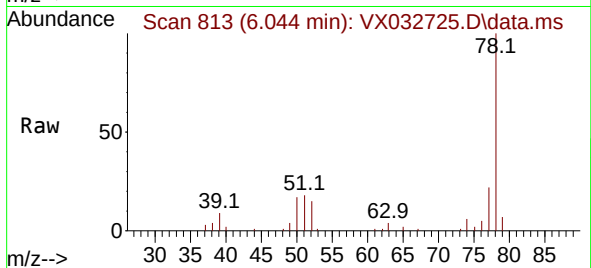




#40
Benzene
Concen: 4.608 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

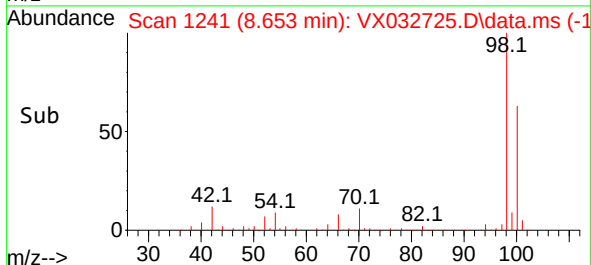
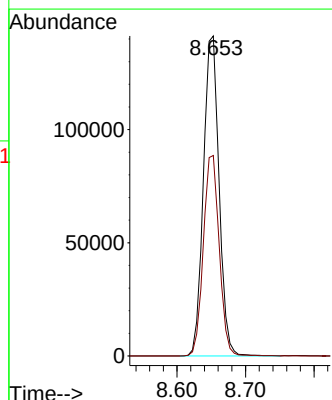
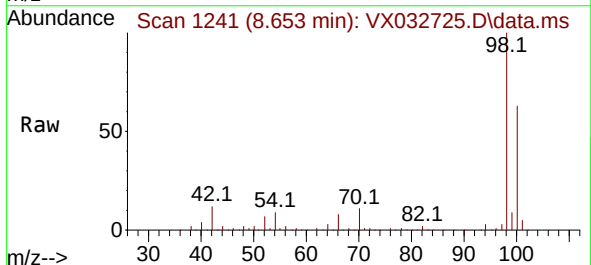
Instrument :
MSVOA_X
ClientSampleId :
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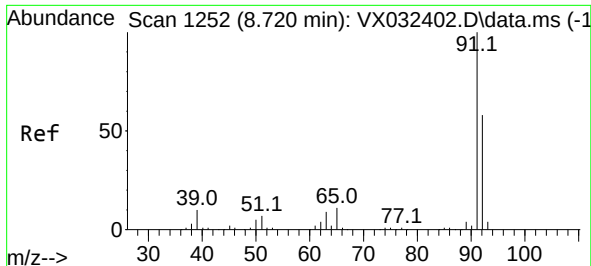
Tgt Ion: 78 Resp: 24199
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4



#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Tgt Ion: 98 Resp: 225215
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

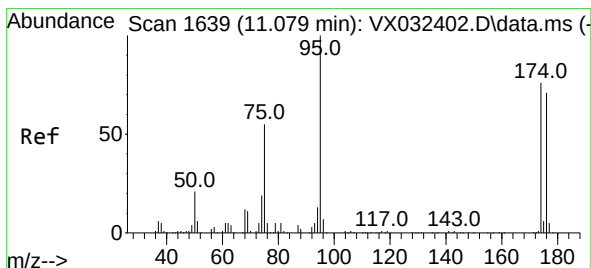
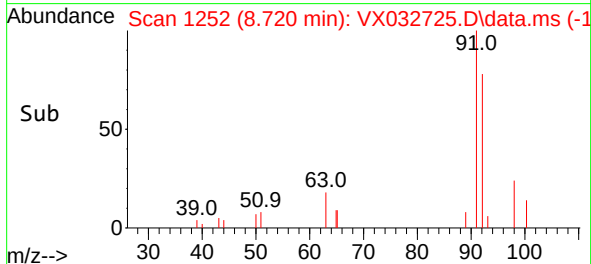
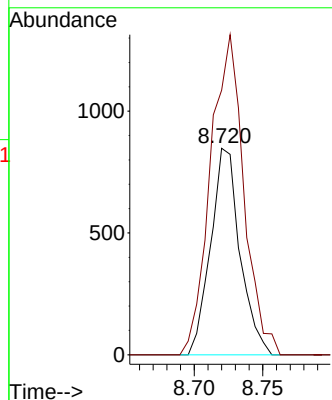
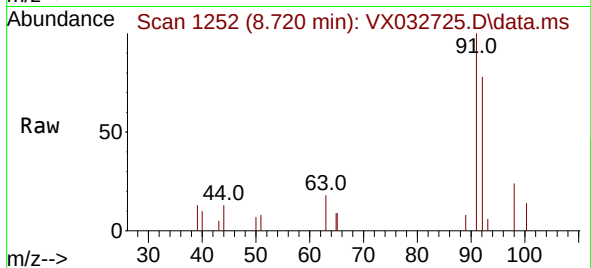




#52
Toluene
Concen: 0.368 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

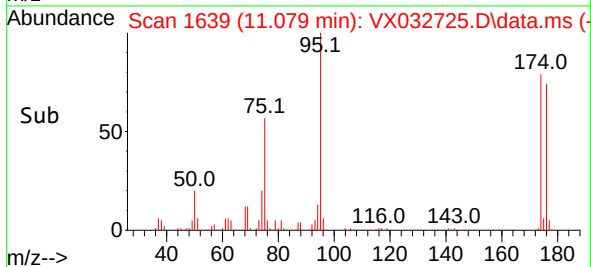
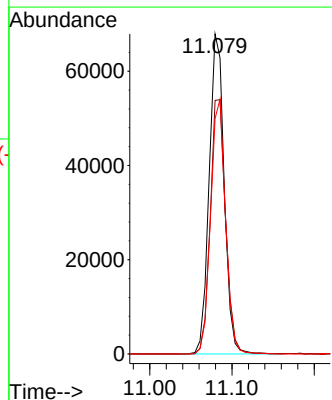
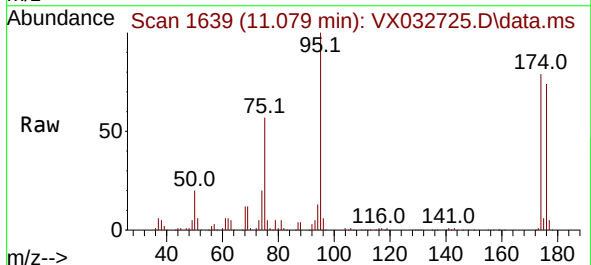
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MSVOA_X
ClientSampleId :
MW-6IDL

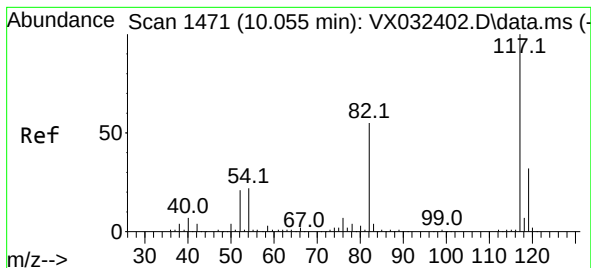
Tgt Ion: 92 Resp: 1260
Ion Ratio Lower Upper
92 100
91 176.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 47.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Tgt Ion: 95 Resp: 85992
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

MW-6IDL

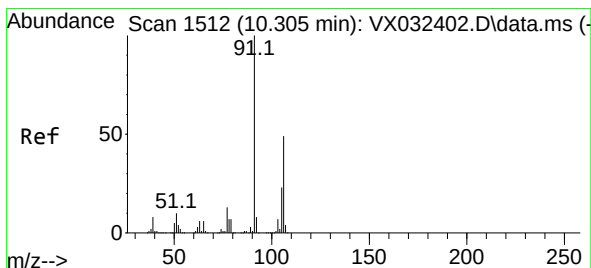
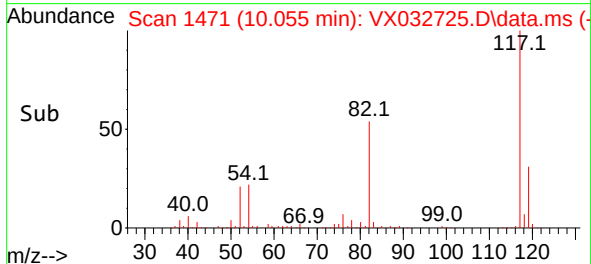
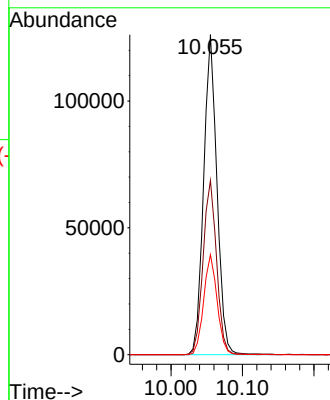
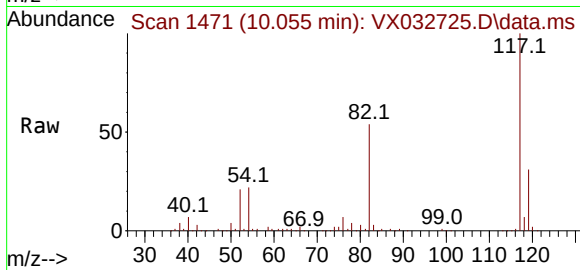
Tgt Ion:117 Resp: 163145

Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

119 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 1.093 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032725.D

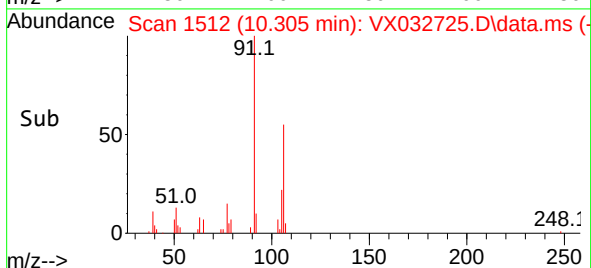
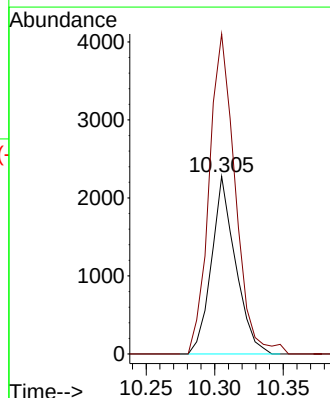
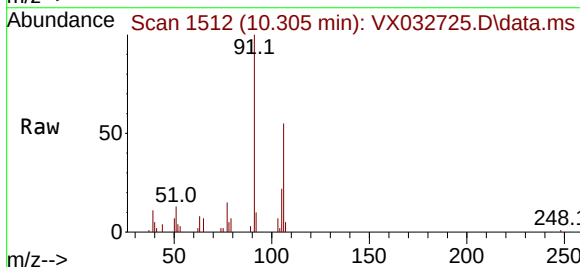
Acq: 10 Nov 2022 14:01

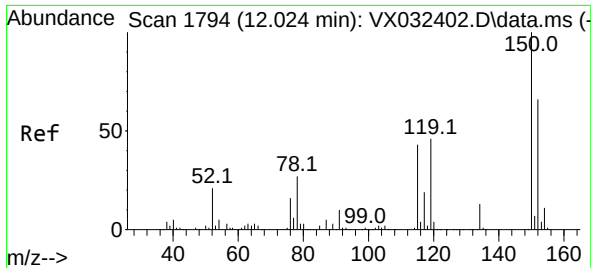
Tgt Ion:106 Resp: 2773

Ion Ratio Lower Upper

106 100

91 195.2 164.5 246.7

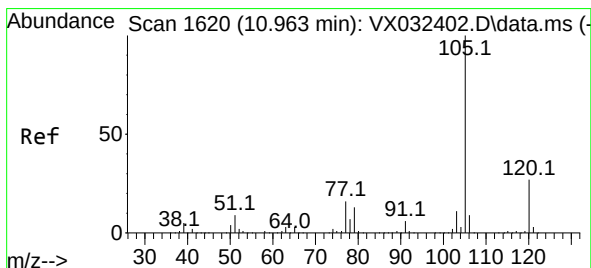
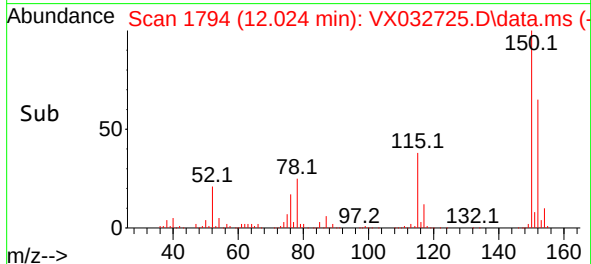
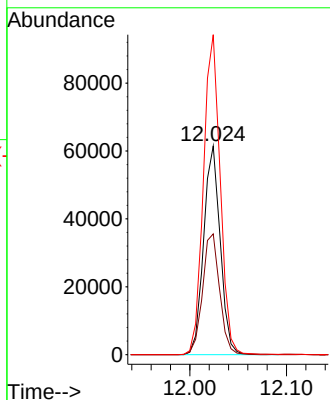
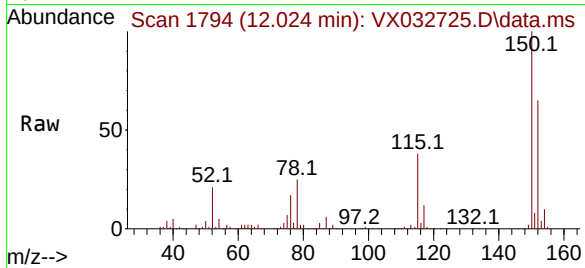




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032725.D
 Acq: 10 Nov 2022 14:01

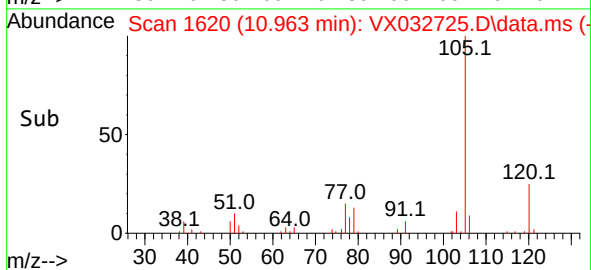
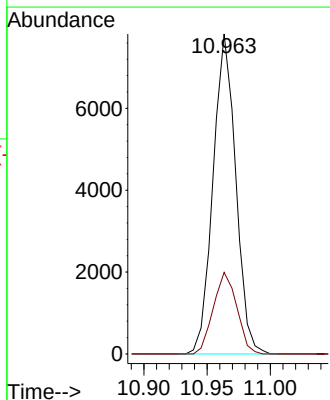
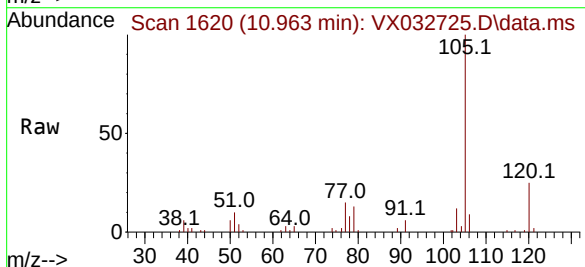
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6IDL

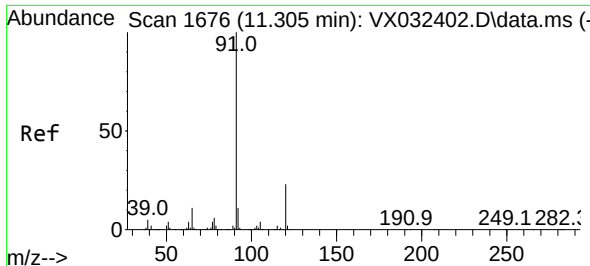
Tgt Ion:152 Resp: 73535
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.0 132.0
 150 155.3 0.0 351.8



#73
 Isopropylbenzene
 Concen: 1.670 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX032725.D
 Acq: 10 Nov 2022 14:01

Tgt Ion:105 Resp: 9730
 Ion Ratio Lower Upper
 105 100
 120 26.4 13.1 39.3

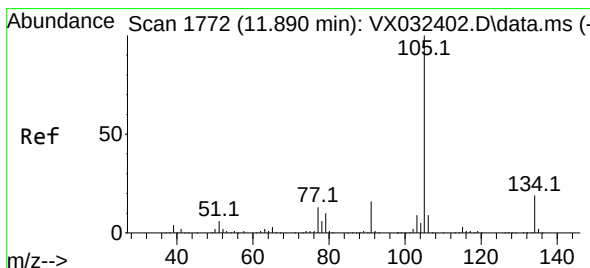
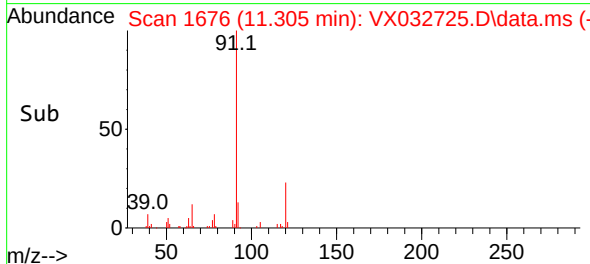
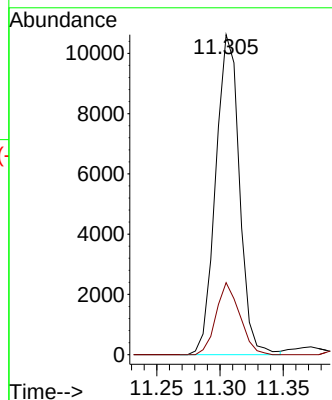
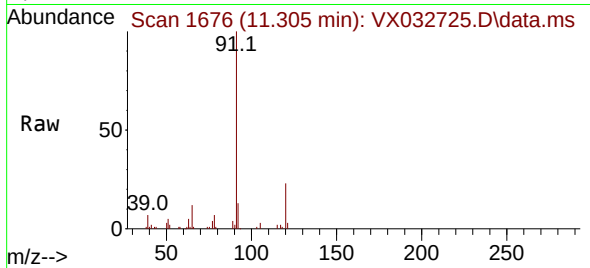




#78
n-propylbenzene
Concen: 2.063 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

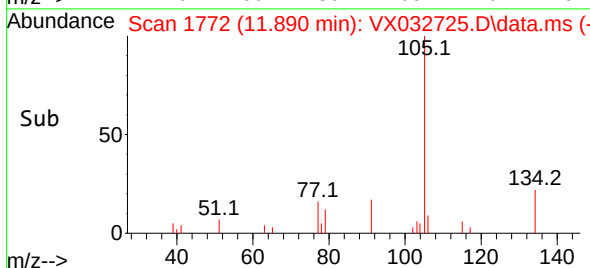
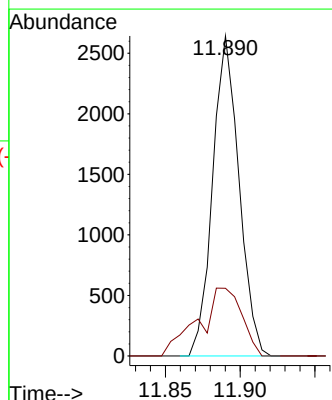
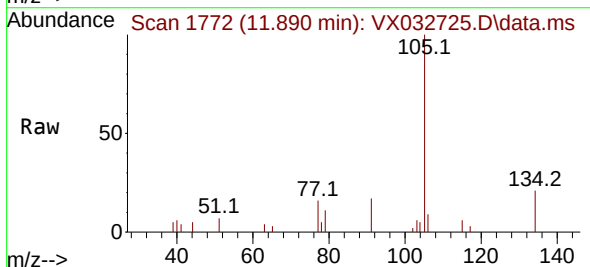
Instrument :
MSVOA_X
ClientSampleId :
MW-6IDL

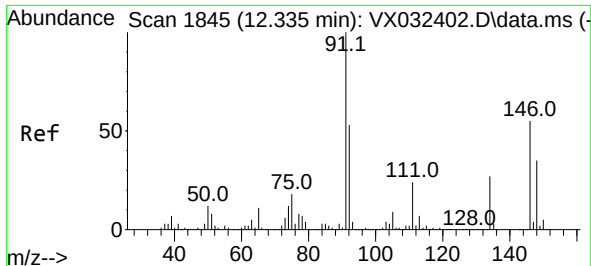
Tgt Ion: 91 Resp: 13849
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8



#85
sec-Butylbenzene
Concen: 0.541 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032725.D
Acq: 10 Nov 2022 14:01

Tgt Ion: 105 Resp: 3234
Ion Ratio Lower Upper
105 100
134 34.8 9.9 29.7#





#89

n-Butylbenzene

Concen: 0.517 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

MW-6IDL

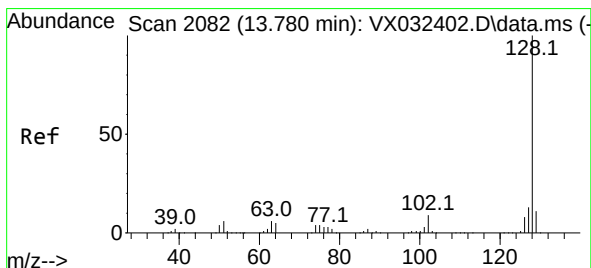
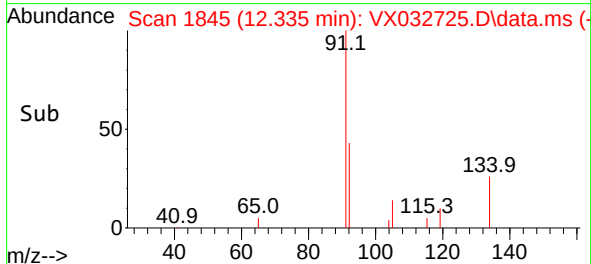
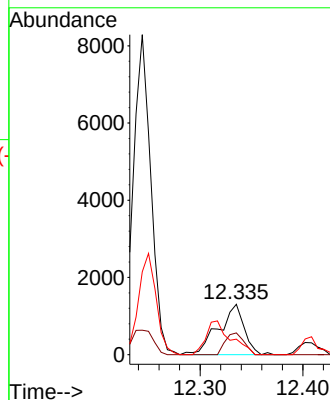
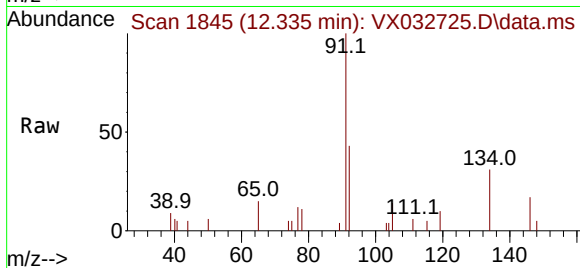
Tgt Ion: 91 Resp: 2284

Ion Ratio Lower Upper

91 100

92 31.0 26.2 78.6

134 63.8 12.9 38.6#



#95

Naphthalene

Concen: 0.844 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX032725.D

Acq: 10 Nov 2022 14:01

Tgt Ion: 128 Resp: 4874

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 9.7 8.9 13.3

