

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032334.D
 Acq On : 24 Oct 2022 12:50
 Operator : JC/MD
 Sample : N5185-11DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

Quant Time: Oct 25 03:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

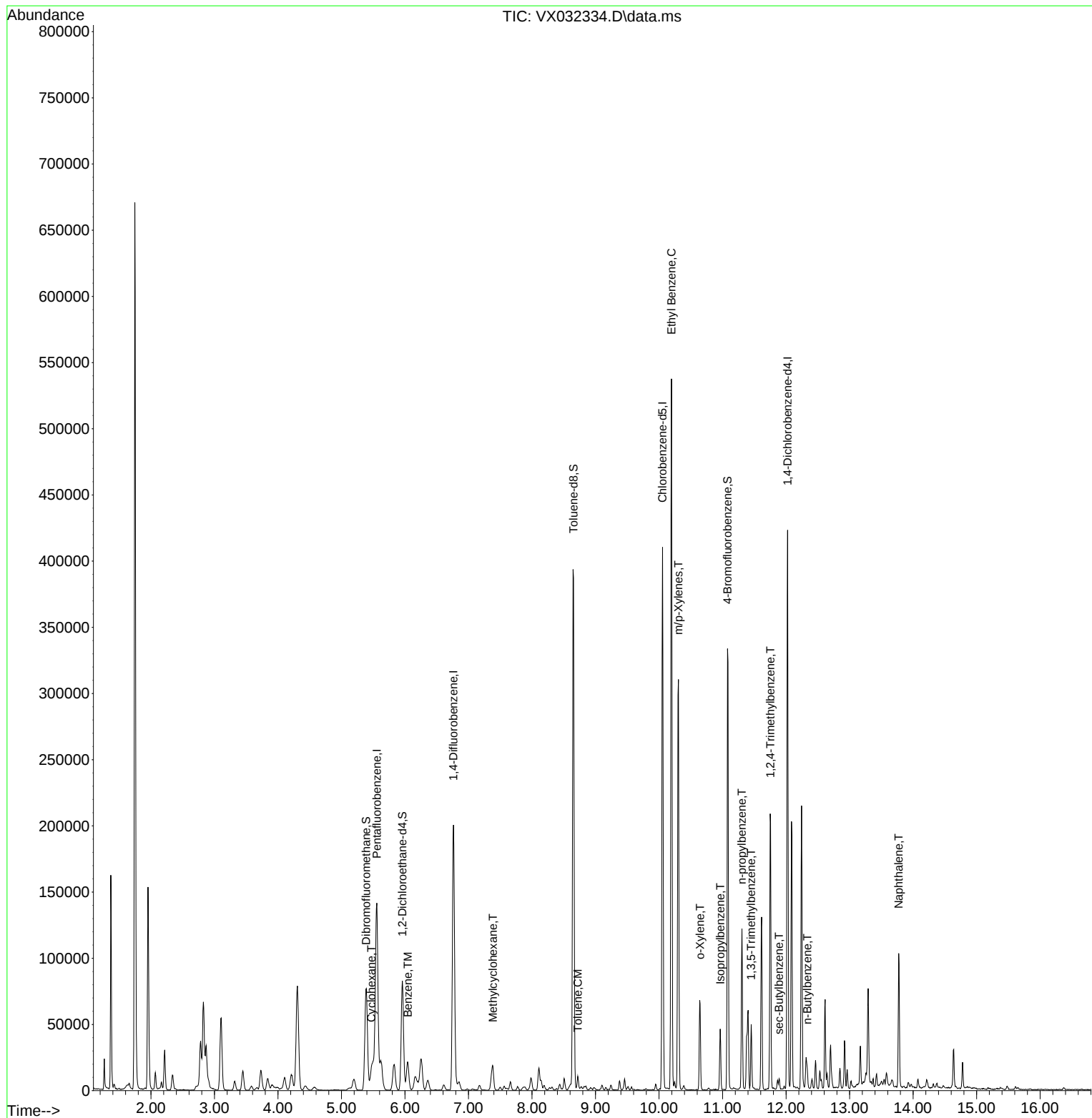
Internal Standards						
1) Pentafluorobenzene	5.556	168	132633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81189	47.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.100%
35) Dibromofluoromethane	5.385	113	66287	46.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.653	98	238449	46.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.540%
62) 4-Bromofluorobenzene	11.079	95	84752	45.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	15371	7.793	ug/l #	92
39) Methylcyclohexane	7.385	83	7517	3.454	ug/l	90
40) Benzene	6.044	78	25401	4.811	ug/l	99
52) Toluene	8.720	92	3718	1.087	ug/l	94
67) Ethyl Benzene	10.195	91	295230	46.088	ug/l	99
68) m/p-Xylenes	10.305	106	72316	28.586	ug/l	99
69) o-Xylene	10.646	106	14697	6.064	ug/l	100
73) Isopropylbenzene	10.963	105	23229	3.825	ug/l	99
78) n-propylbenzene	11.305	91	72564	10.436	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	19805	3.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	92335	18.107	ug/l	100
85) sec-Butylbenzene	11.890	105	4259	0.672	ug/l	89
89) n-Butylbenzene	12.335	91	7602	1.599	ug/l #	69
95) Naphthalene	13.774	128	63166	10.772	ug/l	99

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

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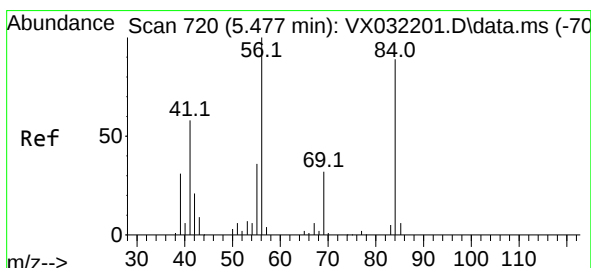
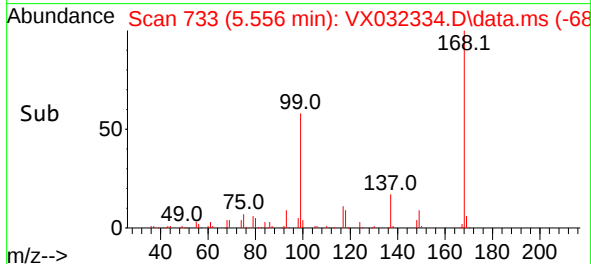
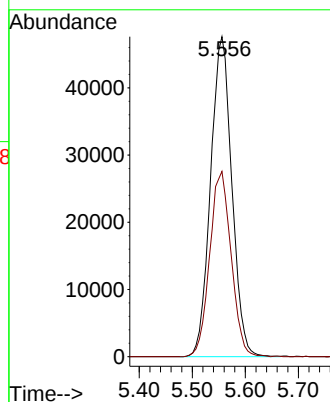
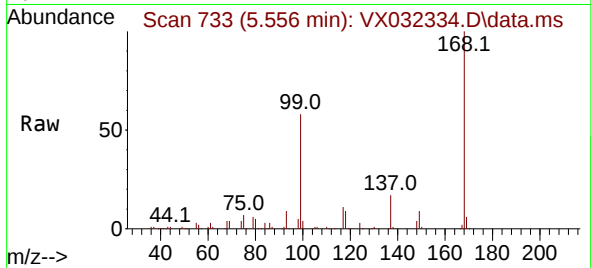




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

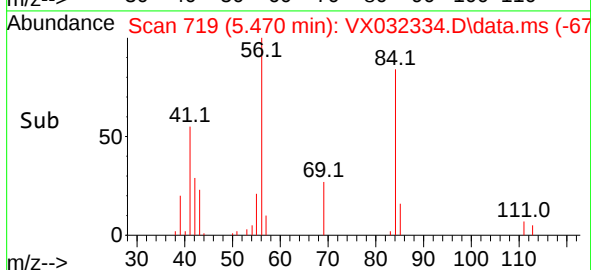
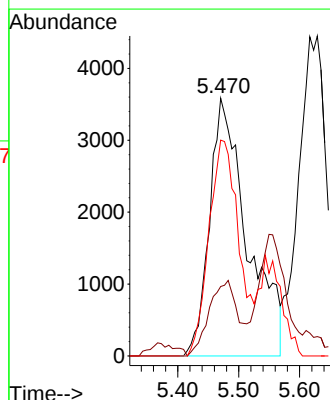
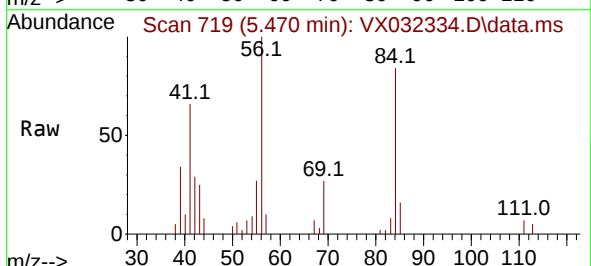
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

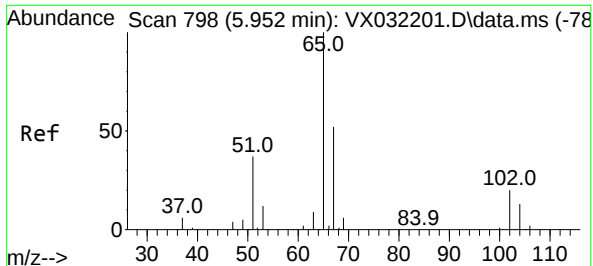
Tgt Ion:168 Resp: 132633
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#31
Cyclohexane
Concen: 7.793 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 56 Resp: 15371
Ion Ratio Lower Upper
56 100
69 24.0 25.4 38.0#
84 83.7 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 47.055 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032334.D

Acq: 24 Oct 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

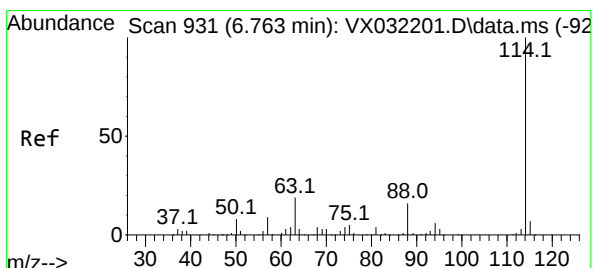
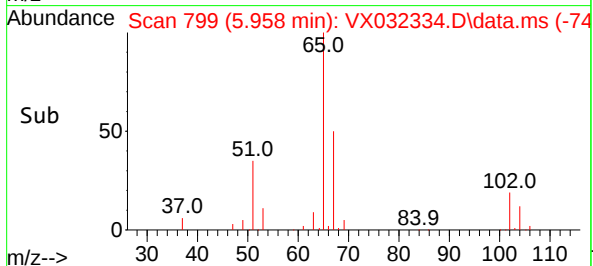
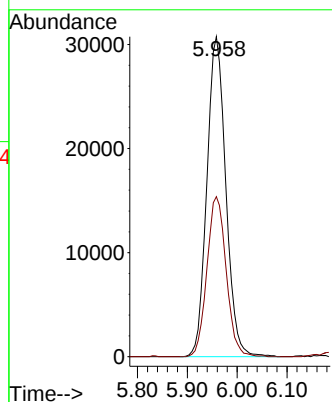
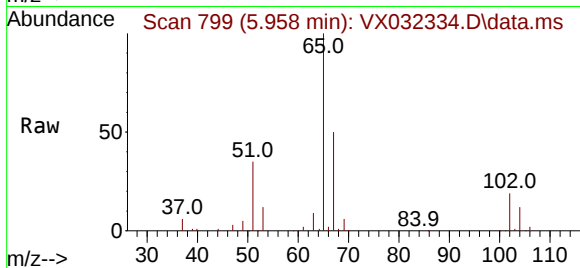
MW-10DL

Tgt Ion: 65 Resp: 81189

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032334.D

Acq: 24 Oct 2022 12:50

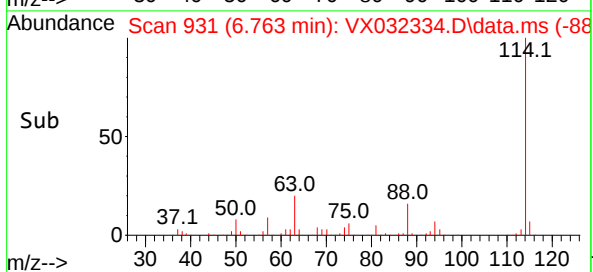
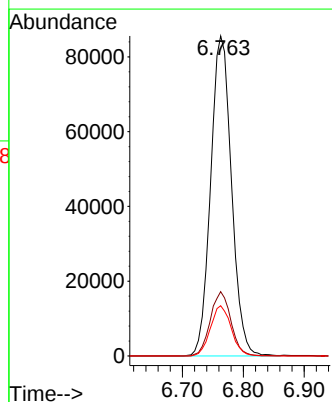
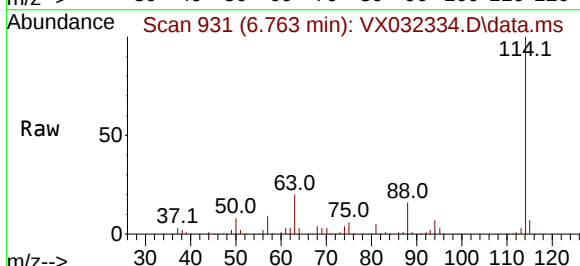
Tgt Ion: 114 Resp: 203528

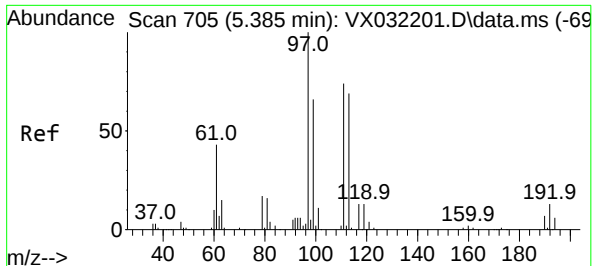
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 15.7 0.0 32.6

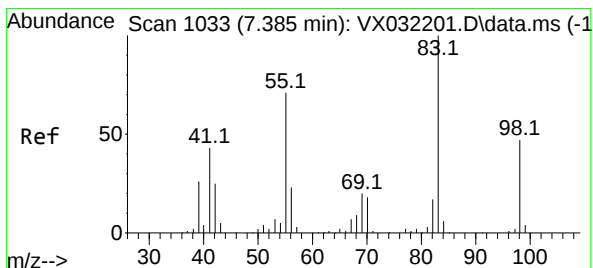
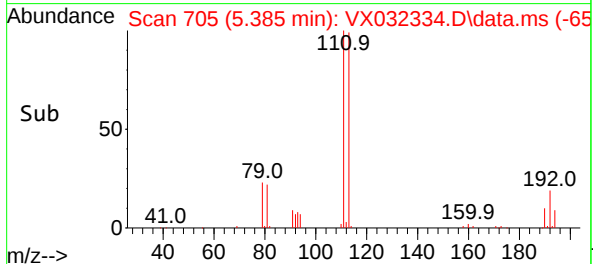
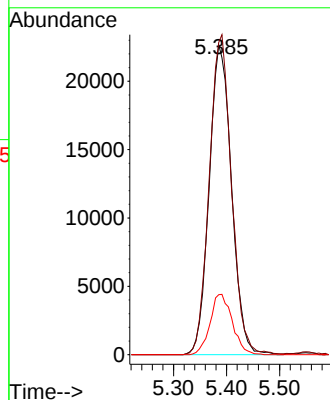
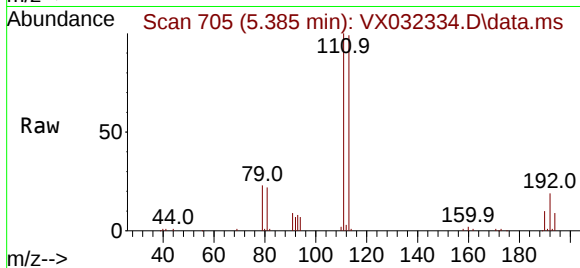




#35
Dibromofluoromethane
Concen: 46.803 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

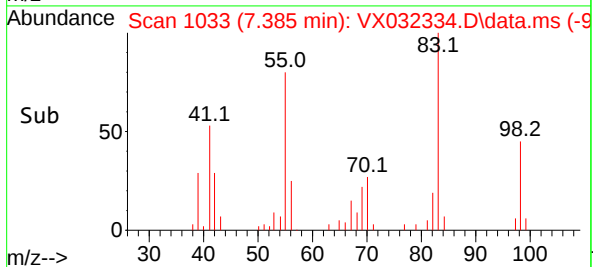
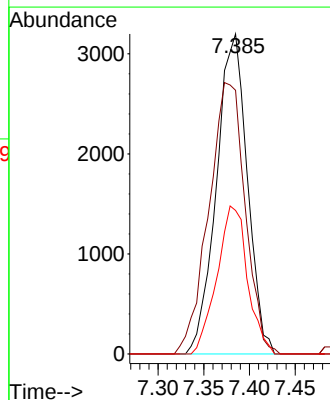
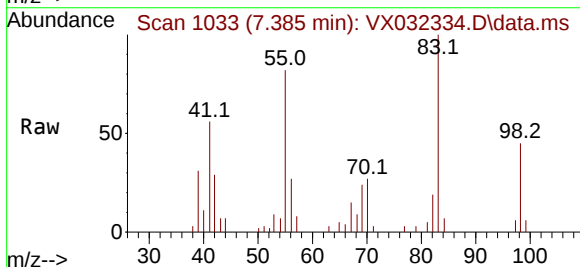
Instrument :
MSVOA_X
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MW-10DL

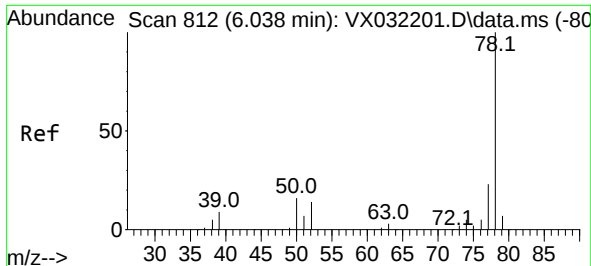
Tgt Ion:113 Resp: 66287
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.4 15.5 23.3



#39
Methylcyclohexane
Concen: 3.454 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 83 Resp: 7517
Ion Ratio Lower Upper
83 100
55 82.4 56.6 85.0
98 44.9 37.4 56.0

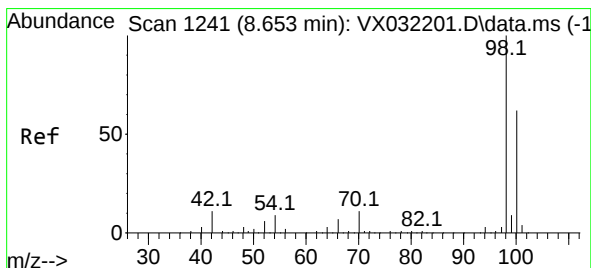
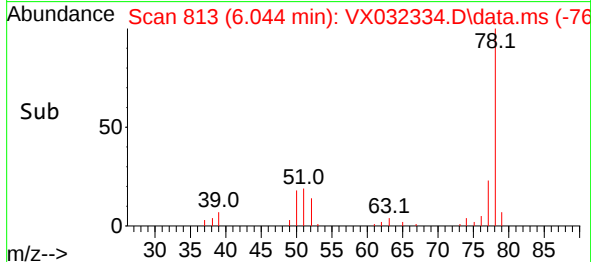
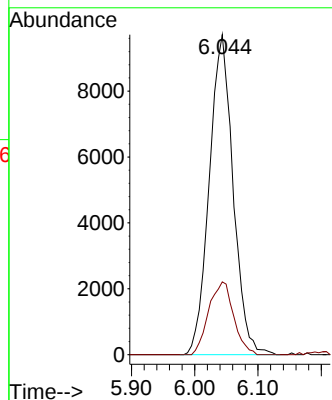
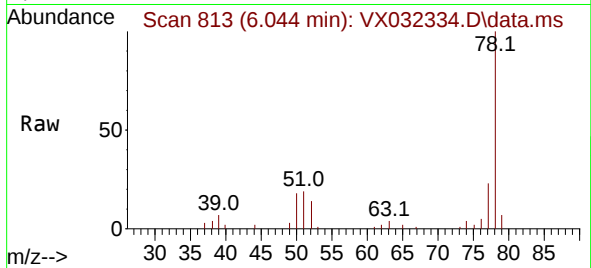




#40
Benzene
Concen: 4.811 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

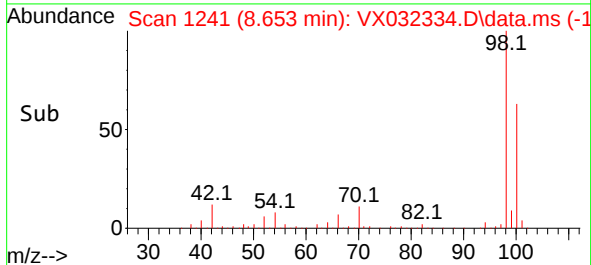
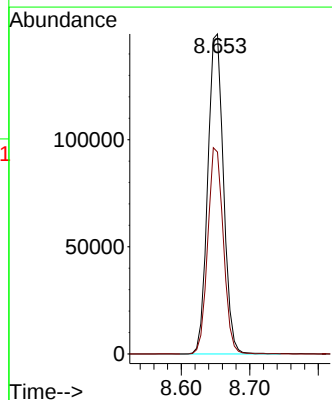
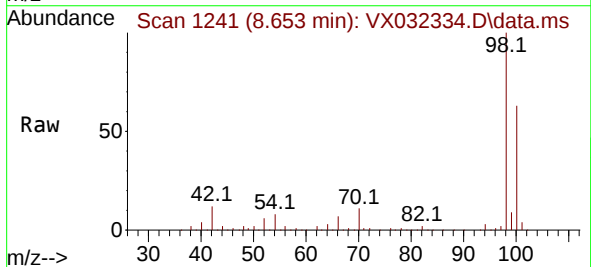
Instrument :
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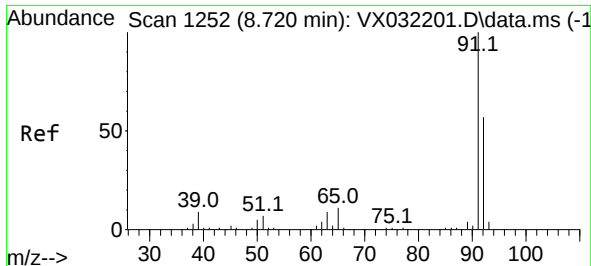
Tgt Ion: 78 Resp: 25401
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



#50
Toluene-d8
Concen: 46.771 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 98 Resp: 238449
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1

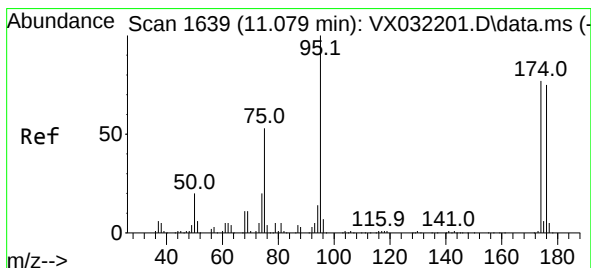
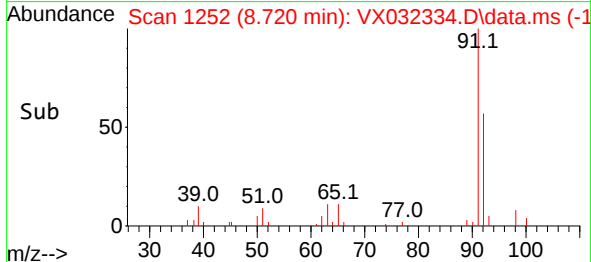
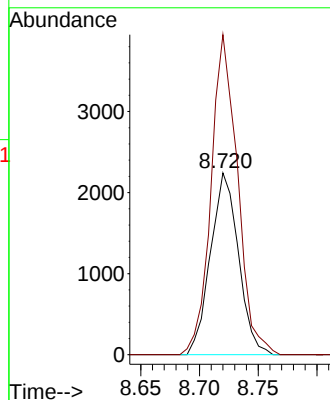
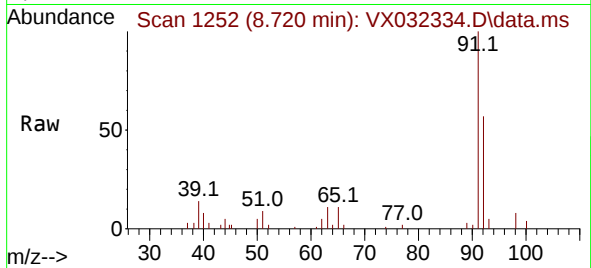




#52
Toluene
Concen: 1.087 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

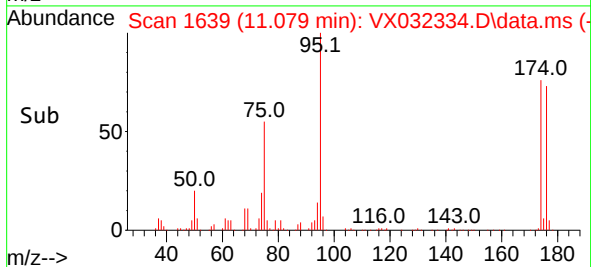
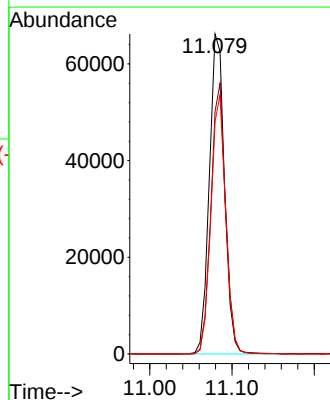
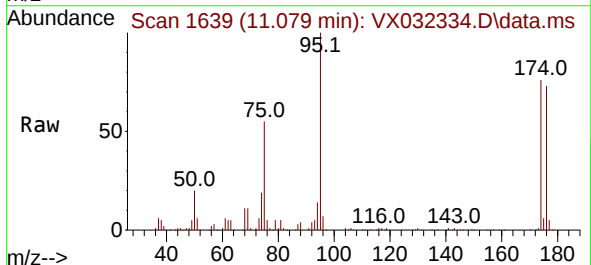
Instrument :
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ClientSampleId :
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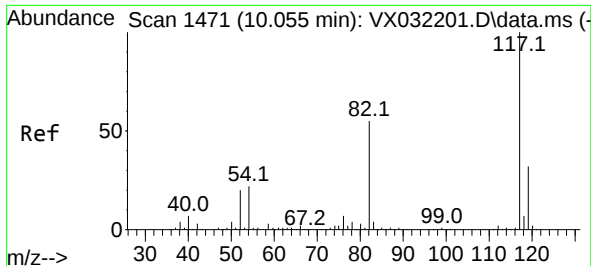
Tgt Ion: 92 Resp: 3718
Ion Ratio Lower Upper
92 100
91 166.7 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 45.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 95 Resp: 84752
Ion Ratio Lower Upper
95 100
174 82.3 0.0 166.8
176 79.1 0.0 161.4

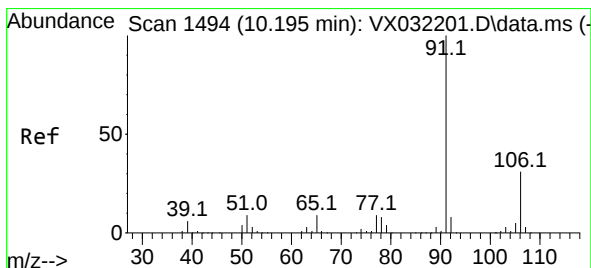
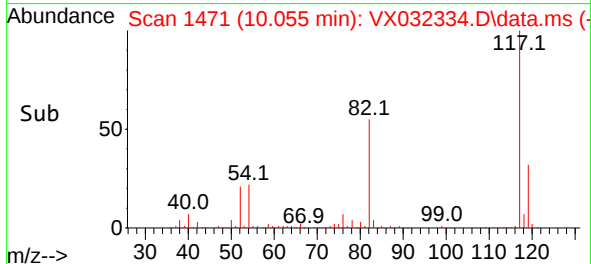
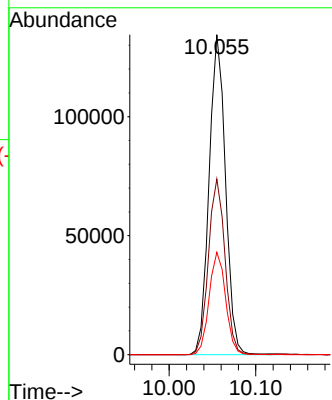
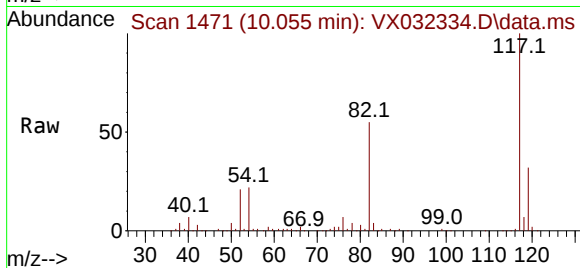




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

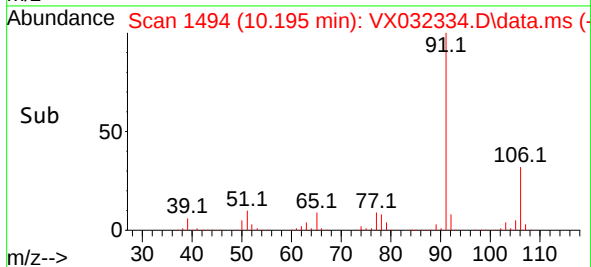
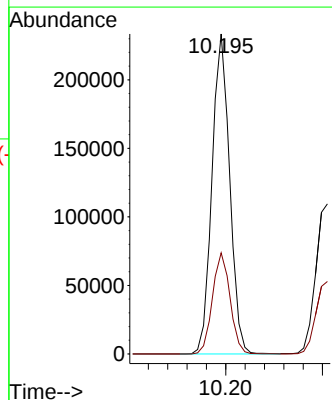
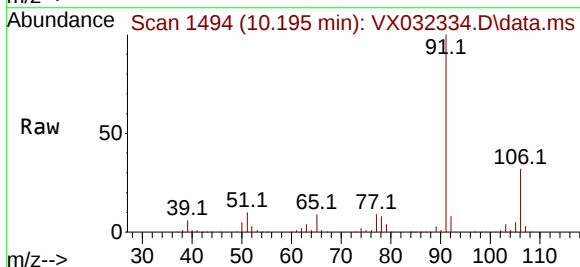
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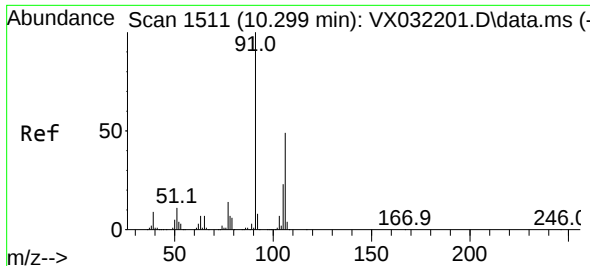
Tgt Ion:117 Resp: 176472
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.0 25.8 38.8



#67
Ethyl Benzene
Concen: 46.088 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 91 Resp: 295230
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

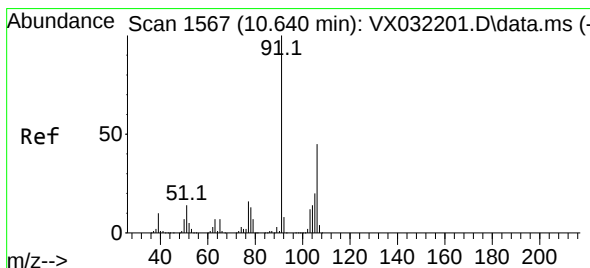
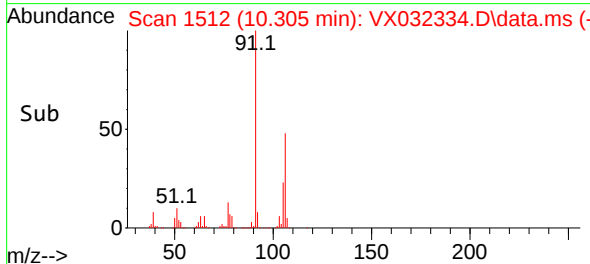
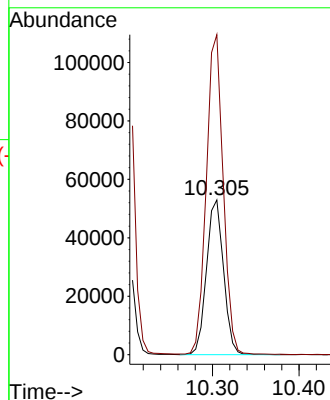
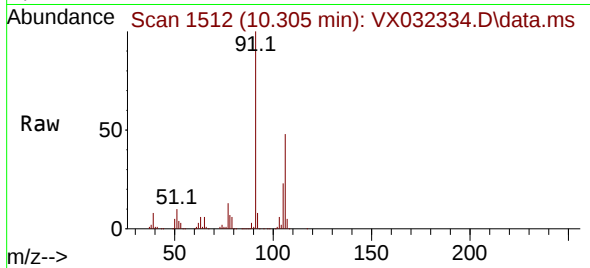




#68
m/p-Xylenes
Concen: 28.586 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

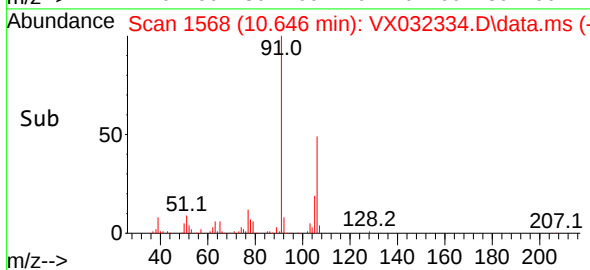
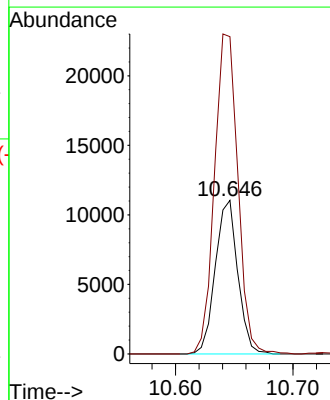
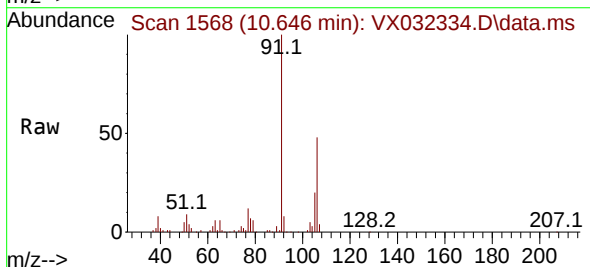
Instrument :
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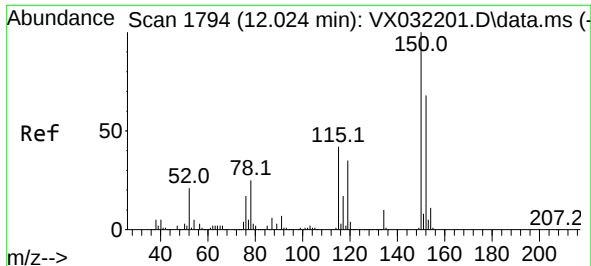
Tgt Ion:106 Resp: 72316
Ion Ratio Lower Upper
106 100
91 205.1 162.6 244.0



#69
o-Xylene
Concen: 6.064 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion:106 Resp: 14697
Ion Ratio Lower Upper
106 100
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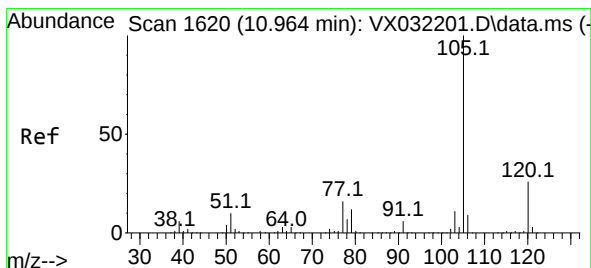
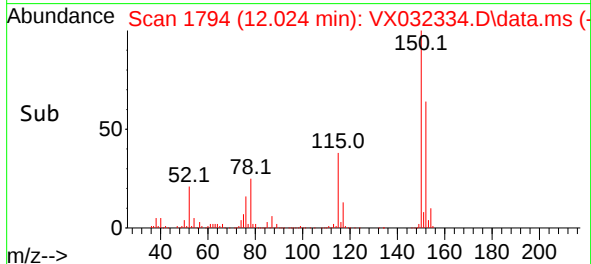
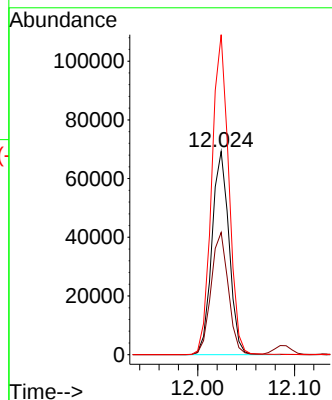
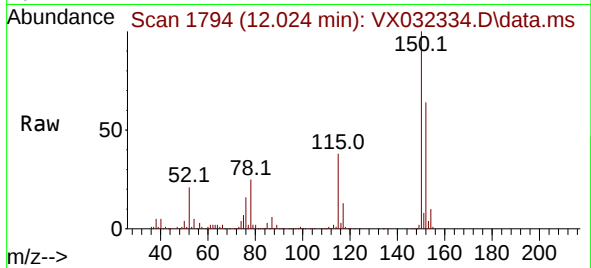




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

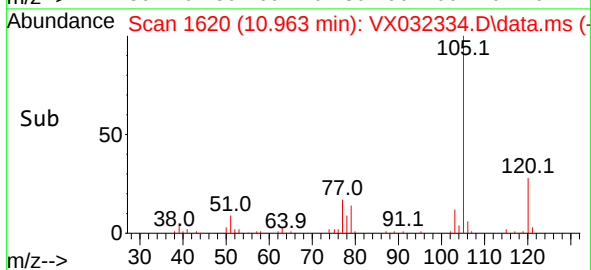
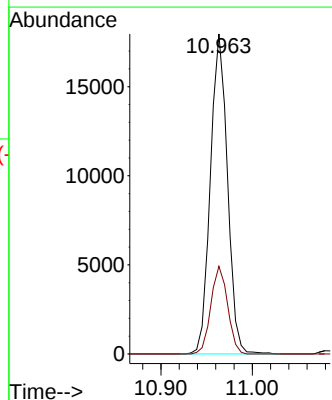
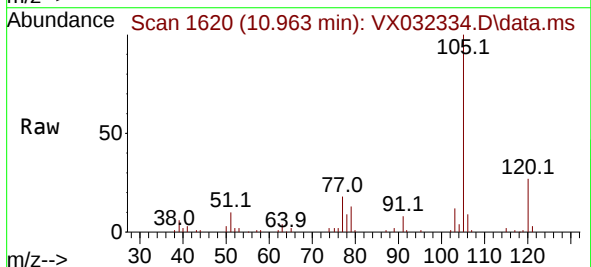
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

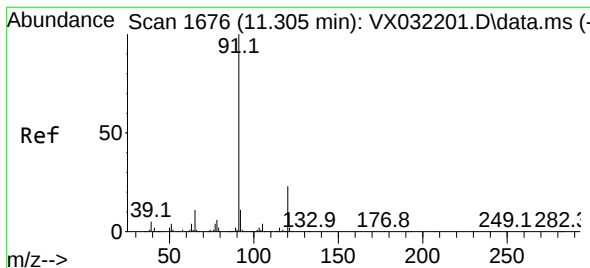
Tgt Ion:152 Resp: 85103
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 156.6 0.0 348.6



#73
Isopropylbenzene
Concen: 3.825 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion:105 Resp: 23229
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6





#78

n-propylbenzene

Concen: 10.436 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032334.D

Acq: 24 Oct 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

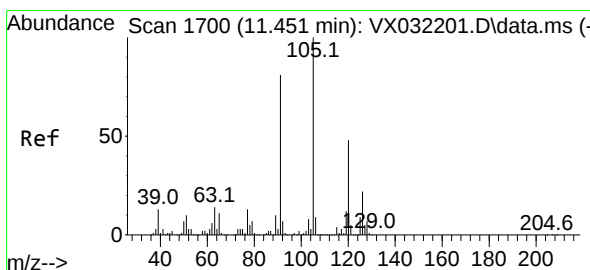
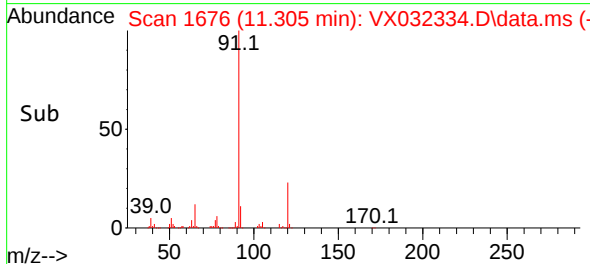
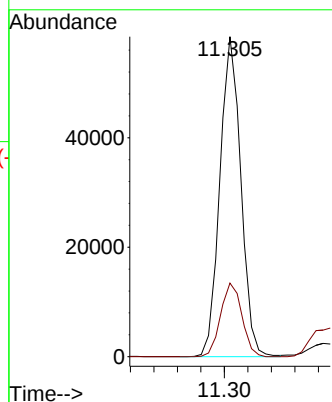
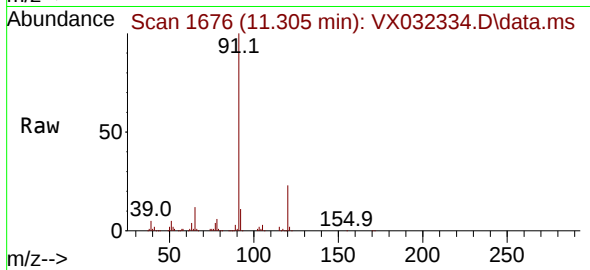
MW-10DL

Tgt Ion: 91 Resp: 72564

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 3.776 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032334.D

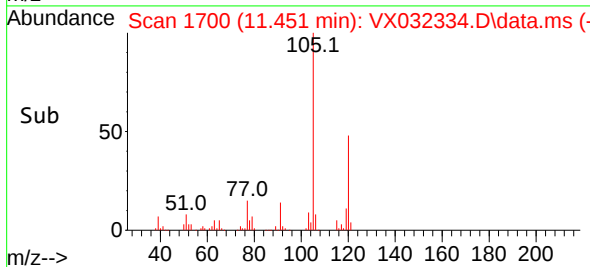
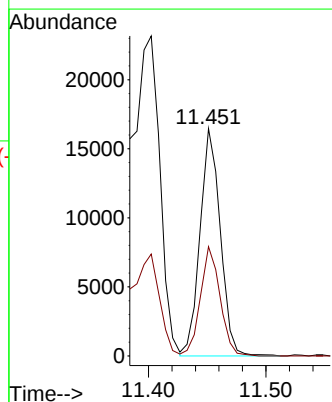
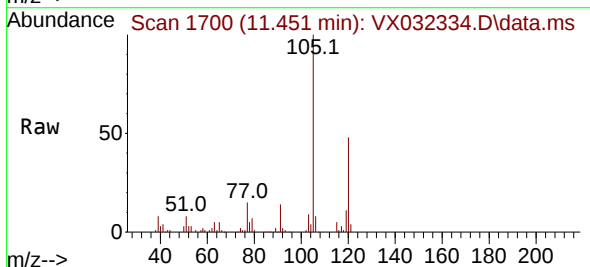
Acq: 24 Oct 2022 12:50

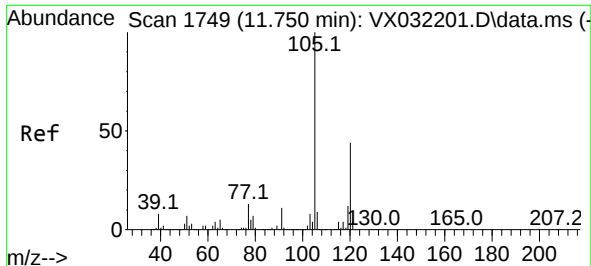
Tgt Ion: 105 Resp: 19805

Ion Ratio Lower Upper

105 100

120 46.6 23.5 70.6

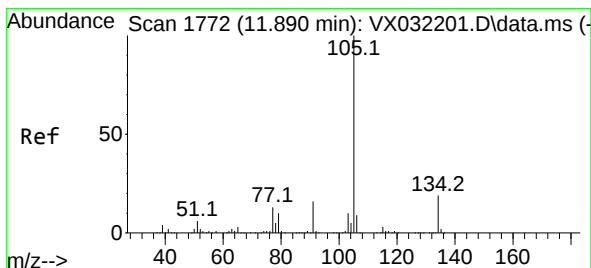
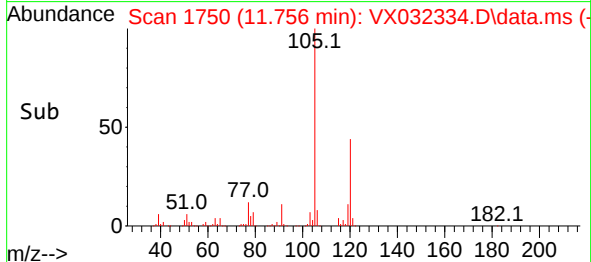
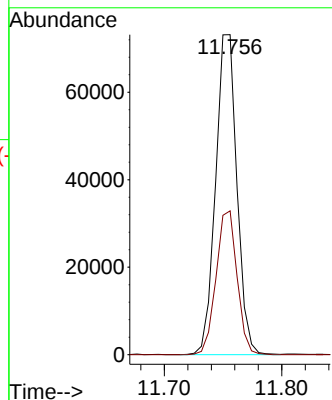
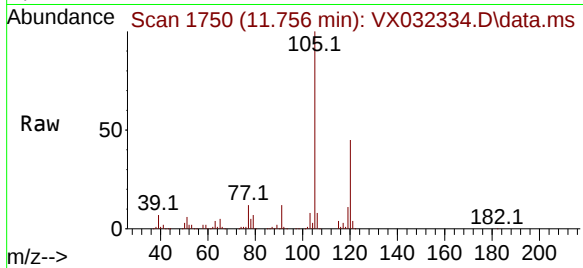




#84
 1,2,4-Trimethylbenzene
 Concen: 18.107 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032334.D
 Acq: 24 Oct 2022 12:50

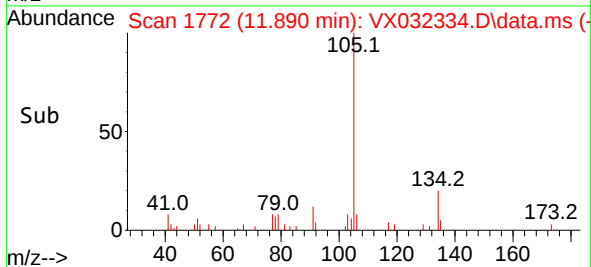
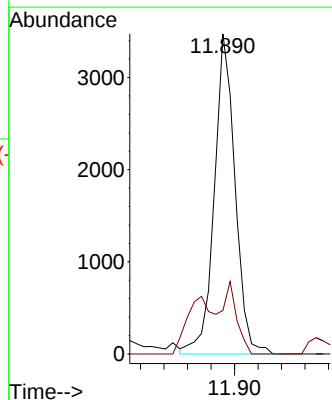
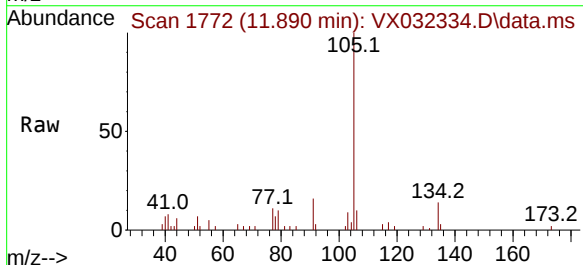
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

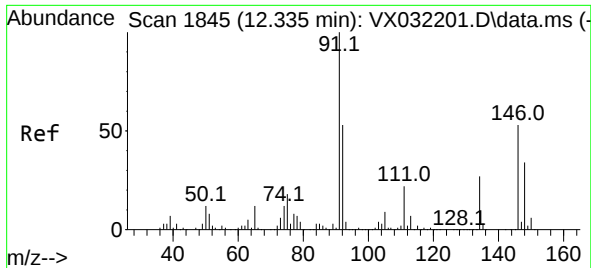
Tgt Ion:105 Resp: 92335
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 0.672 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032334.D
 Acq: 24 Oct 2022 12:50

Tgt Ion:105 Resp: 4259
 Ion Ratio Lower Upper
 105 100
 134 15.1 10.1 30.3

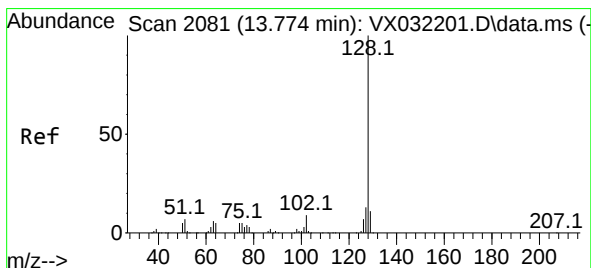
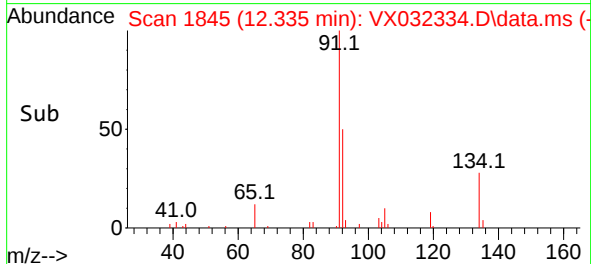
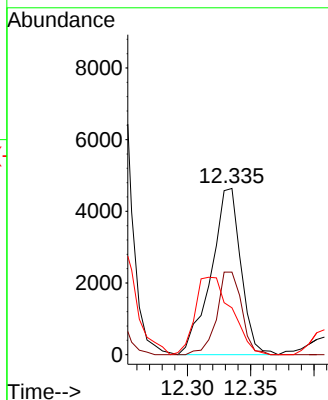
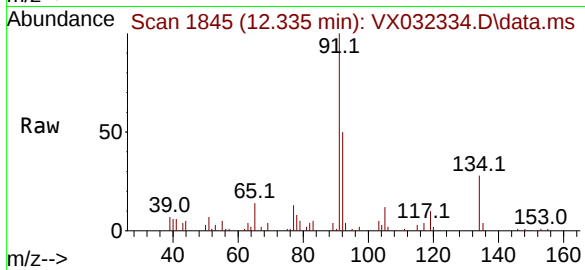




#89
n-Butylbenzene
Concen: 1.599 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

Tgt Ion: 91 Resp: 7602
Ion Ratio Lower Upper
91 100
92 41.4 26.3 78.9
134 57.0 13.0 39.0#



#95
Naphthalene
Concen: 10.772 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032334.D
Acq: 24 Oct 2022 12:50

Tgt Ion: 128 Resp: 63166
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.7 13.1

