

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032346.D
 Acq On : 24 Oct 2022 17:30
 Operator : JC/MD
 Sample : N5260-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 25 03:58:26 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)

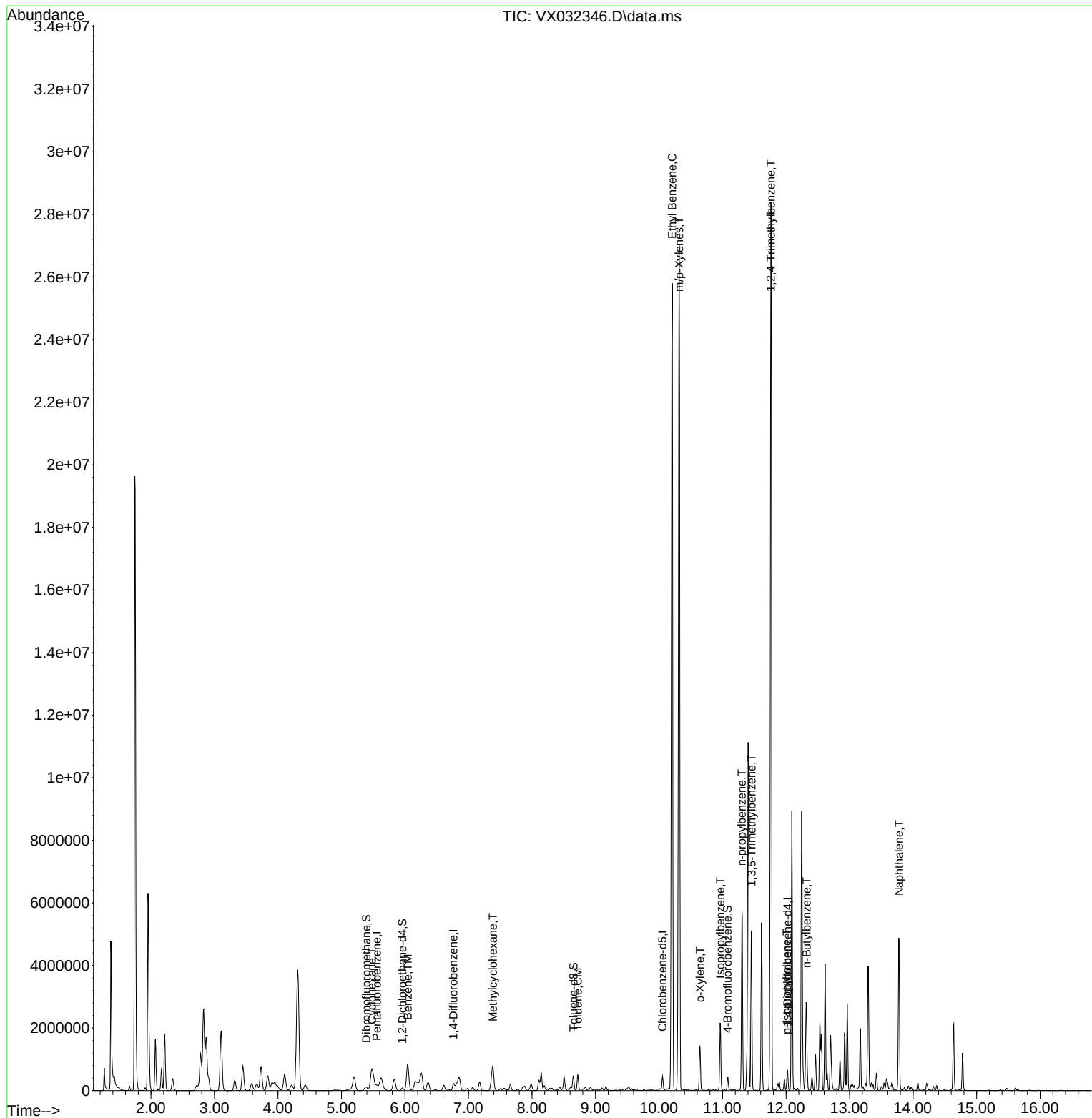
Internal Standards						
1) Pentafluorobenzene	5.556	168	137447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86640	48.455	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.920%
35) Dibromofluoromethane	5.391	113	70022	46.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.653	98	271825	49.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	108363	54.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.380%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	489608	239.522	ug/l	97
39) Methylcyclohexane	7.385	83	335474	143.914	ug/l	92
40) Benzene	6.044	78	1006915	178.039	ug/l	99
52) Toluene	8.720	92	180004	49.132	ug/l	99
67) Ethyl Benzene	10.207	91	13592522	1895.252	ug/l #	62
68) m/p-Xylenes	10.317	106	7223407	2550.386	ug/l	75
69) o-Xylene	10.646	106	319681	117.820	ug/l	99
73) Isopropylbenzene	10.963	105	1095115	136.414	ug/l	100
78) n-propylbenzene	11.305	91	3553271	386.548	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	2203509	317.776	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	11549620	1713.186	ug/l	80
86) p-Isopropyltoluene	12.012	119	79275	11.112	ug/l #	76
89) n-Butylbenzene	12.323	91	386253	61.469	ug/l #	19
95) Naphthalene	13.780	128	3121214	402.618	ug/l	98

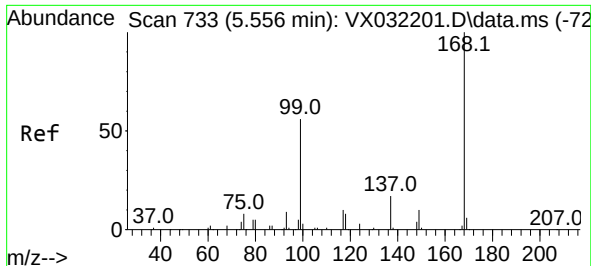
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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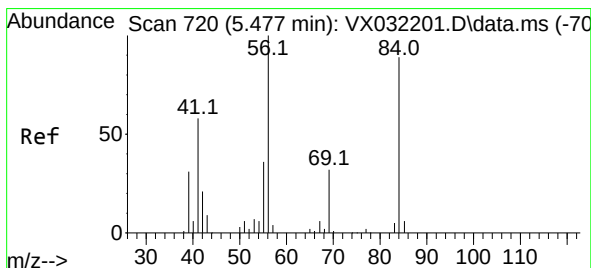
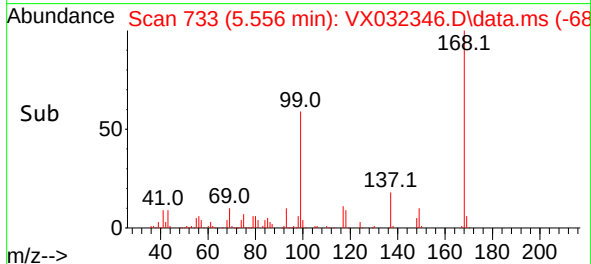
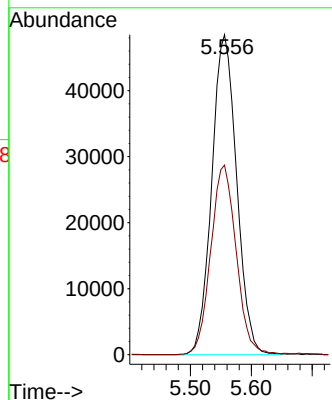
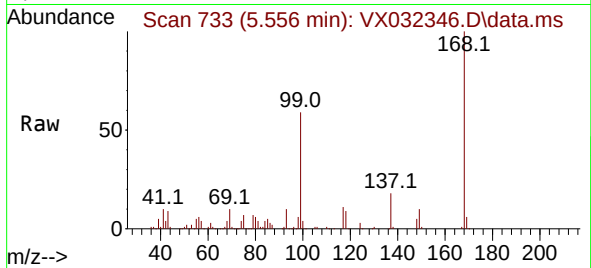




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

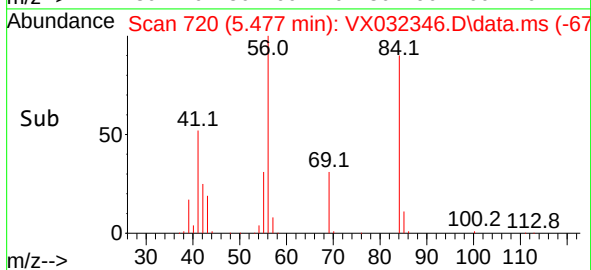
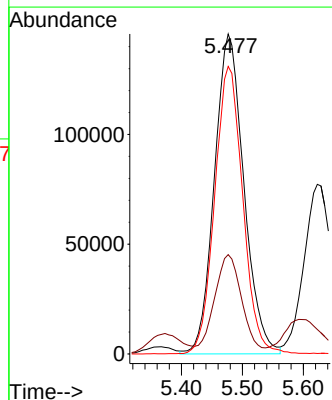
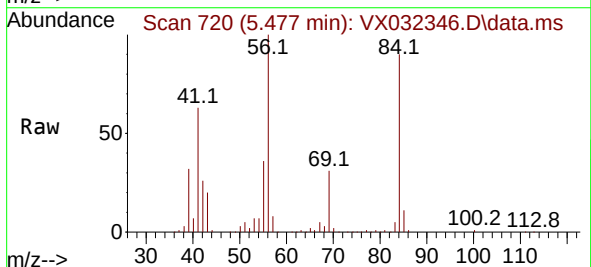
Instrument :
MSVOA_X
ClientSampleId :
MW-3

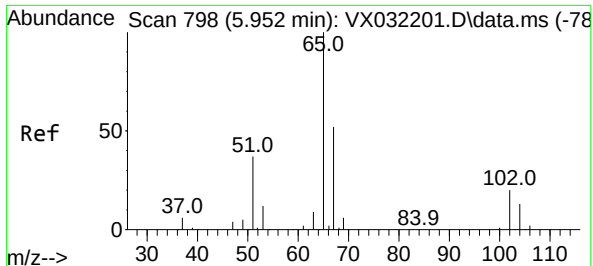
Tgt Ion:168 Resp: 137447
Ion Ratio Lower Upper
168 100
99 59.1 44.8 67.2



#31
Cyclohexane
Concen: 239.522 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion: 56 Resp: 489608
Ion Ratio Lower Upper
56 100
69 27.2 25.4 38.0
84 90.5 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.455 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032346.D

Acq: 24 Oct 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

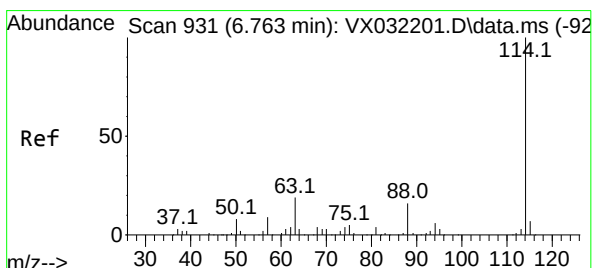
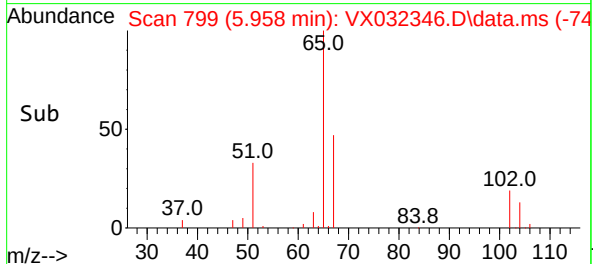
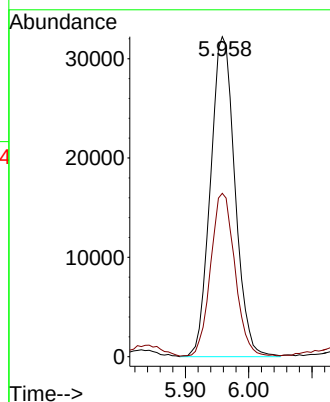
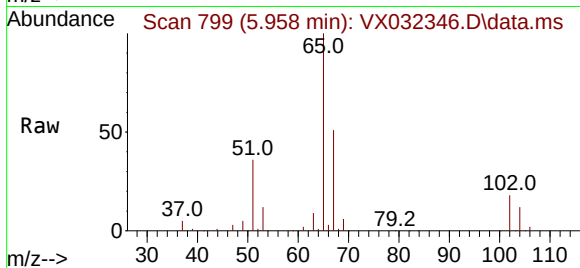
MW-3

Tgt Ion: 65 Resp: 86640

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032346.D

Acq: 24 Oct 2022 17:30

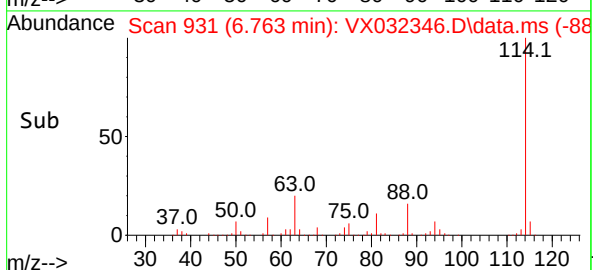
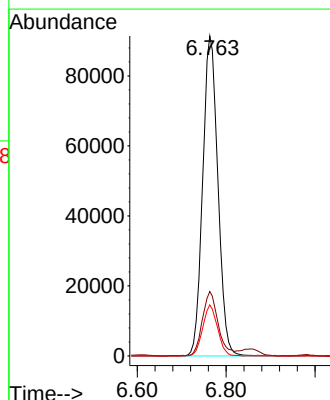
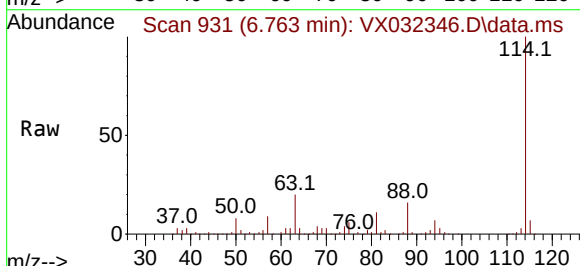
Tgt Ion: 114 Resp: 217995

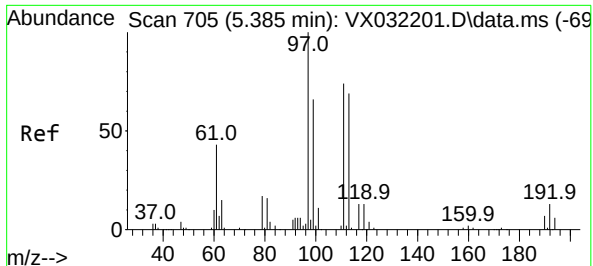
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 15.9 0.0 32.6

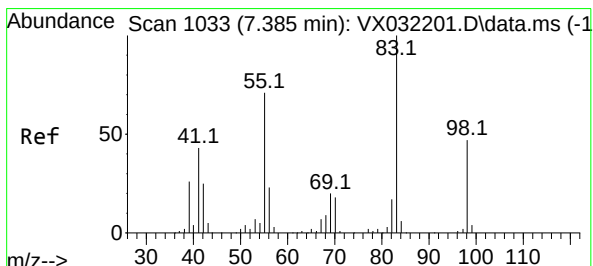
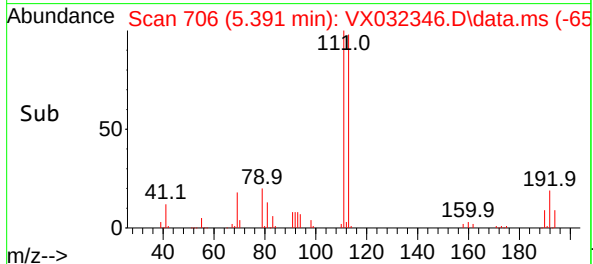
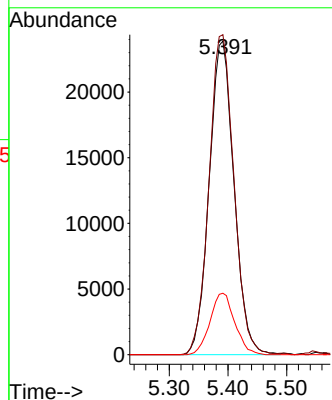
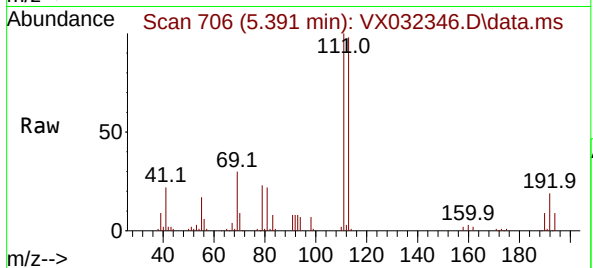




#35
Dibromofluoromethane
Concen: 46.160 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

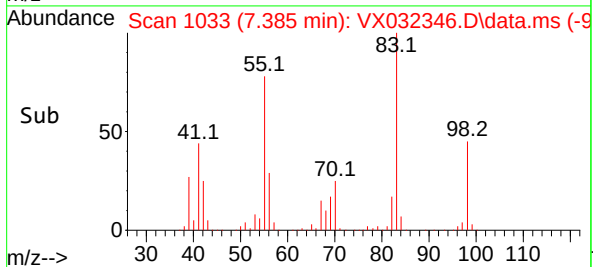
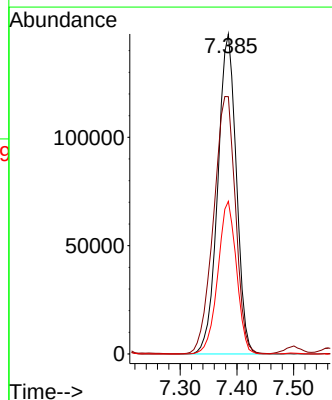
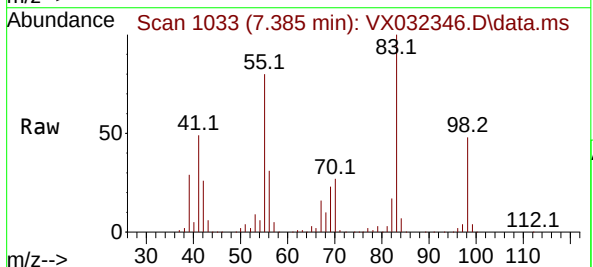
Instrument :
MSVOA_X
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MW-3

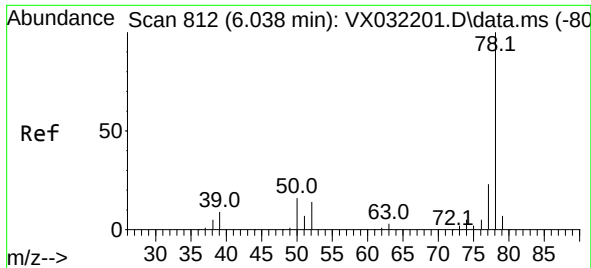
Tgt Ion:113 Resp: 70022
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.5 15.5 23.3



#39
Methylcyclohexane
Concen: 143.914 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion: 83 Resp: 335474
Ion Ratio Lower Upper
83 100
55 80.4 56.6 85.0
98 47.7 37.4 56.0

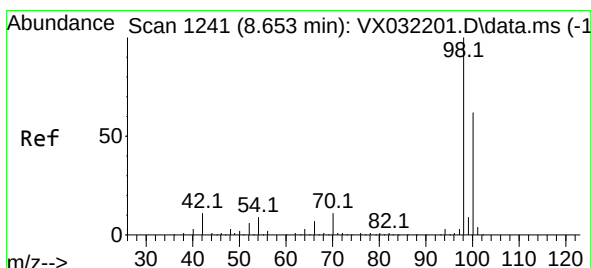
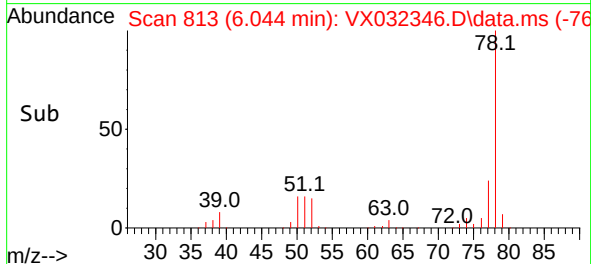
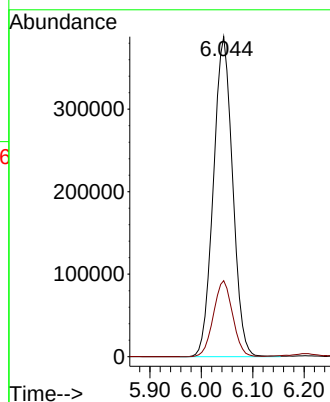
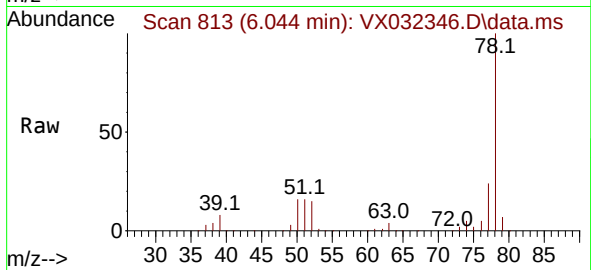




#40
Benzene
Concen: 178.039 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

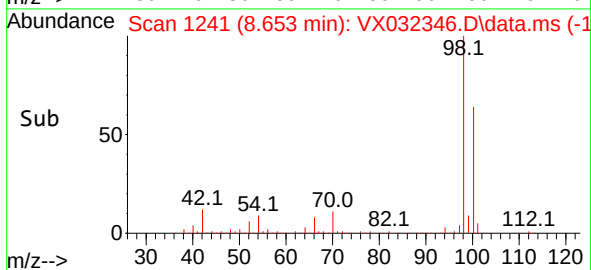
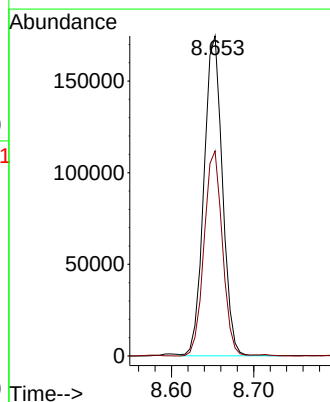
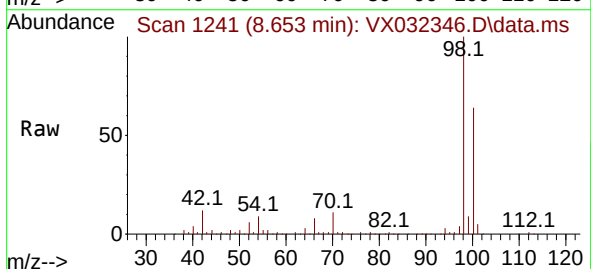
Instrument :
MSVOA_X
ClientSampleId :
MW-3

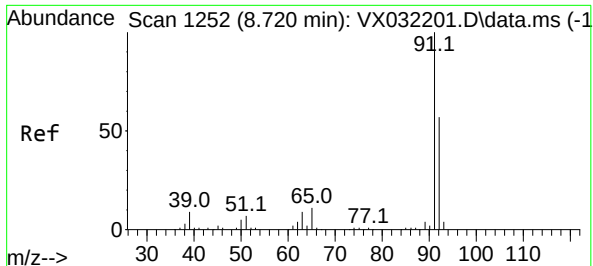
Tgt Ion: 78 Resp: 1006915
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8



#50
Toluene-d8
Concen: 49.780 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion: 98 Resp: 271825
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

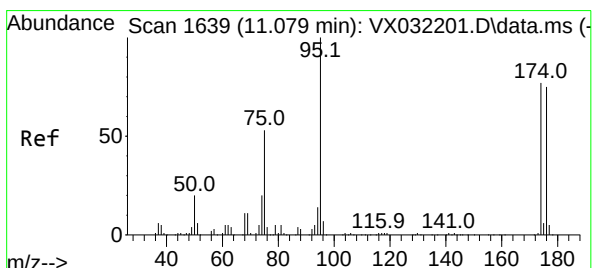
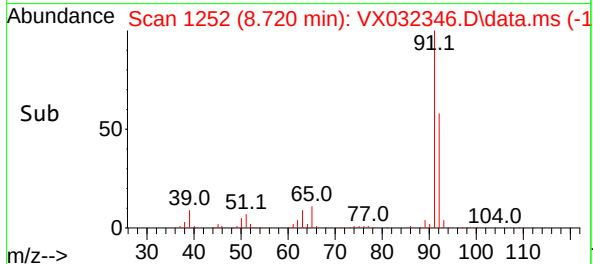
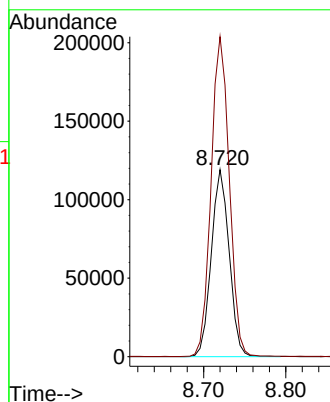
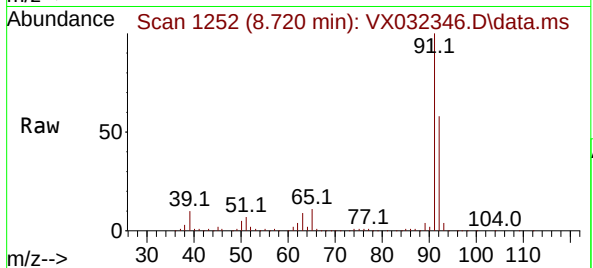




#52
Toluene
Concen: 49.132 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

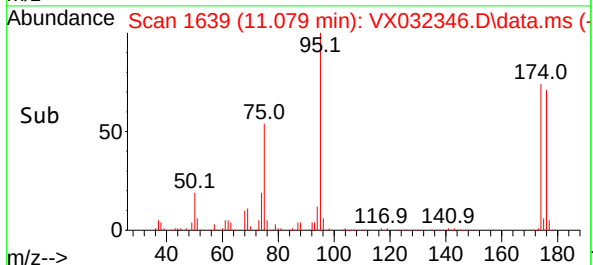
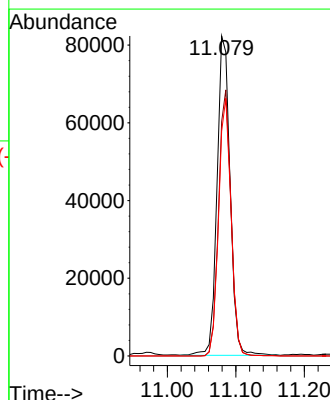
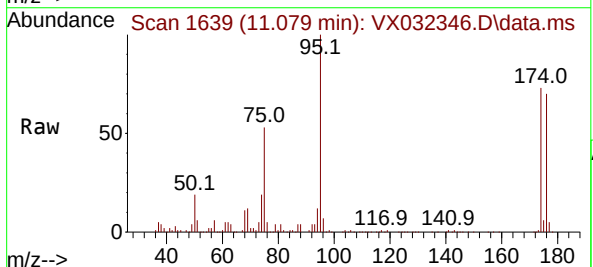
Instrument :
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ClientSampleId :
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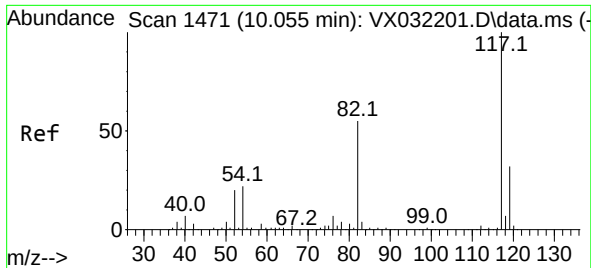
Tgt Ion: 92 Resp: 180004
Ion Ratio Lower Upper
92 100
91 174.2 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion: 95 Resp: 108363
Ion Ratio Lower Upper
95 100
174 79.2 0.0 166.8
176 76.7 0.0 161.4

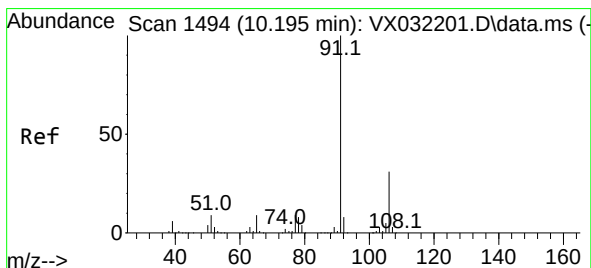
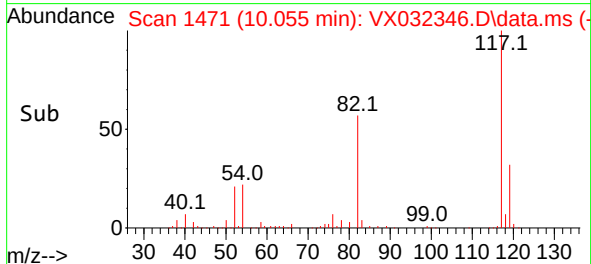
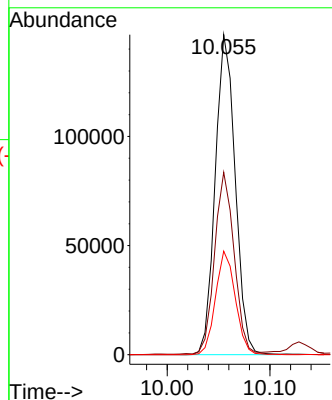
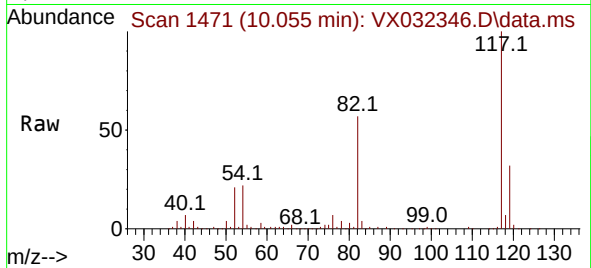




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

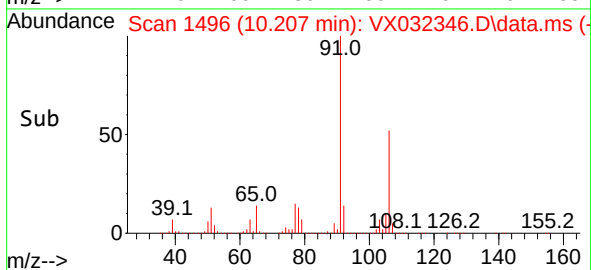
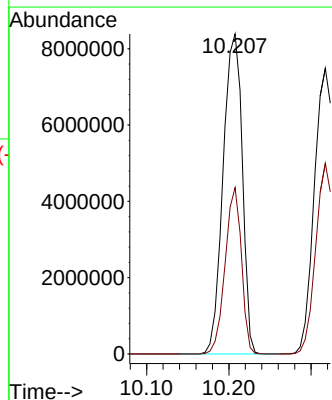
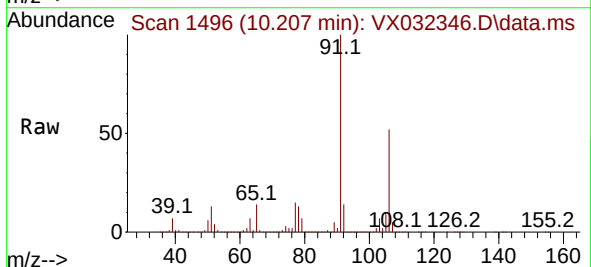
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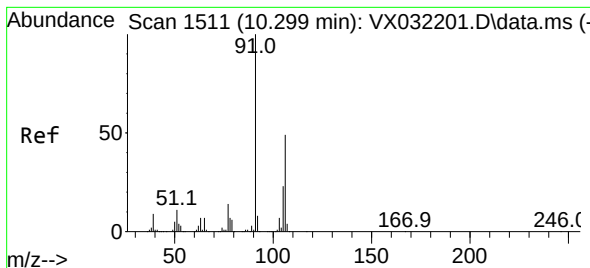
Tgt Ion:117 Resp: 197576
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 32.3 25.8 38.8



#67
Ethyl Benzene
Concen: 1895.252 ug/l
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion: 91 Resp:13592522
Ion Ratio Lower Upper
91 100
106 52.0 25.0 37.4#

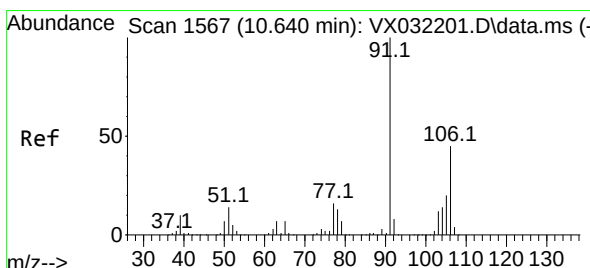
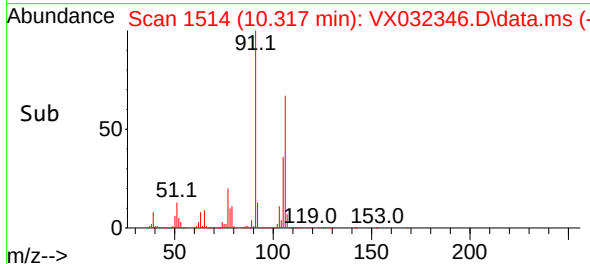
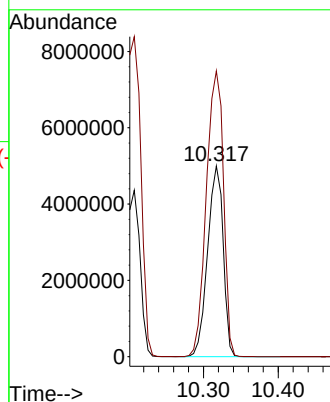
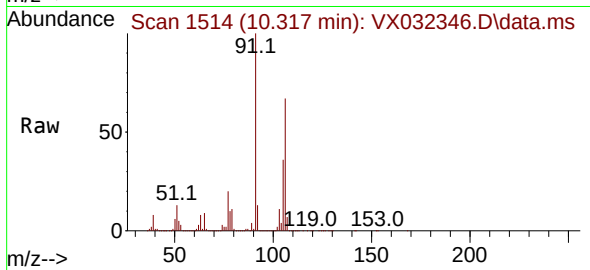




#68
m/p-Xylenes
Concen: 2550.386 ug/l
RT: 10.317 min Scan# 1511
Delta R.T. 0.018 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

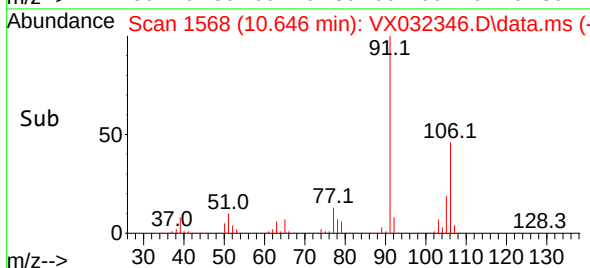
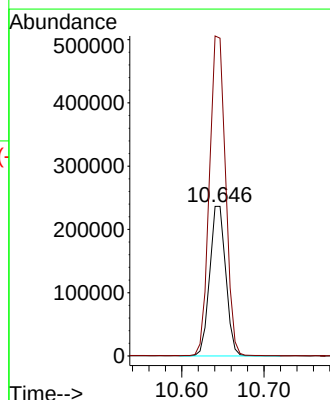
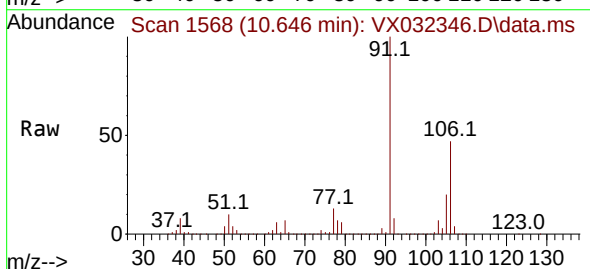
Instrument :
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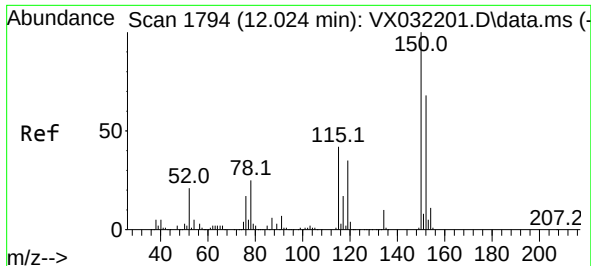
Tgt Ion:106 Resp: 7223407
Ion Ratio Lower Upper
106 100
91 165.1 162.6 244.0



#69
o-Xylene
Concen: 117.820 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion:106 Resp: 319681
Ion Ratio Lower Upper
106 100
91 215.1 108.3 324.9

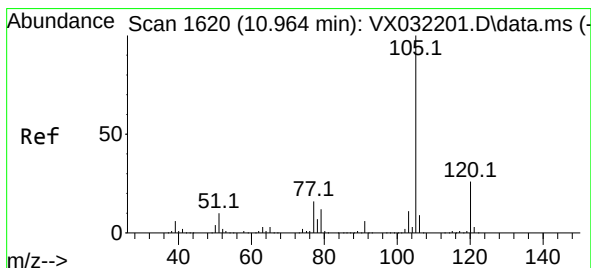
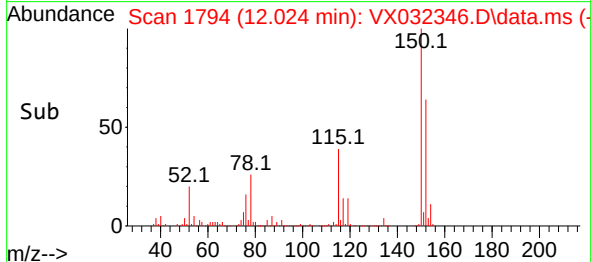
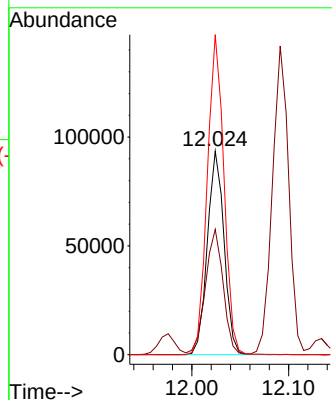
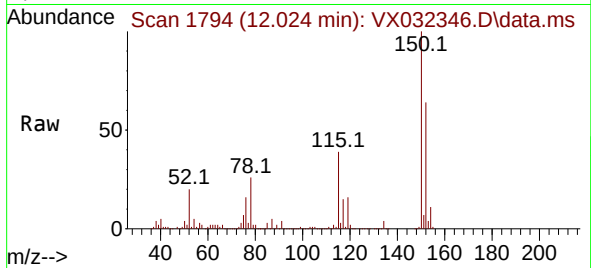




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

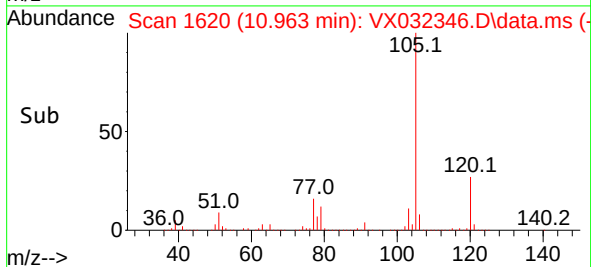
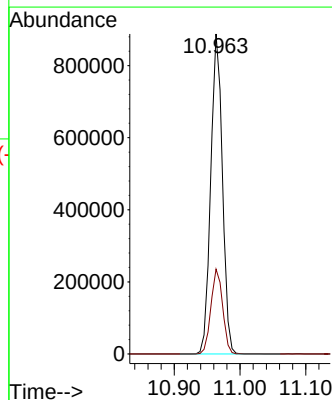
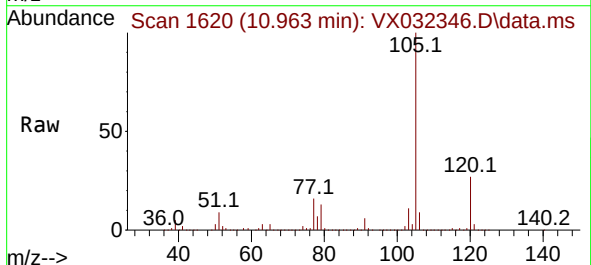
Instrument :
MSVOA_X
ClientSampleId :
MW-3

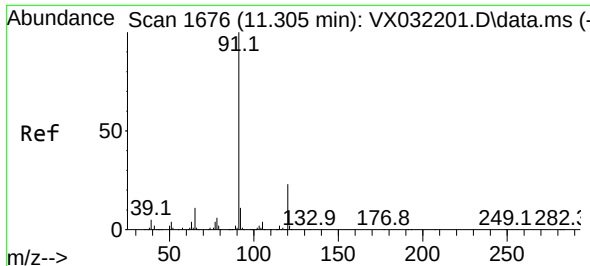
Tgt Ion:152 Resp: 112507
Ion Ratio Lower Upper
152 100
115 64.3 43.1 129.4
150 156.6 0.0 348.6



#73
Isopropylbenzene
Concen: 136.414 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion:105 Resp: 1095115
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

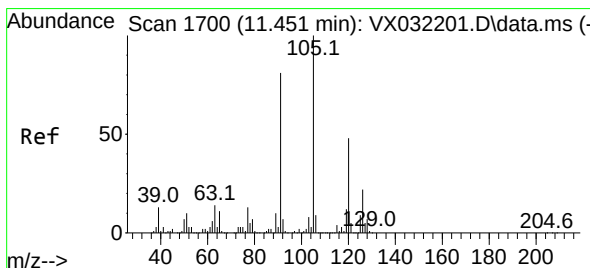
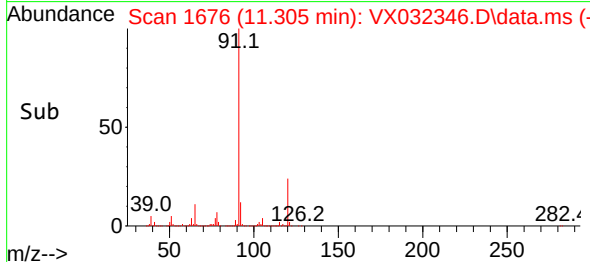
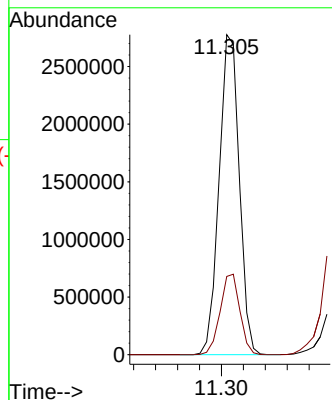
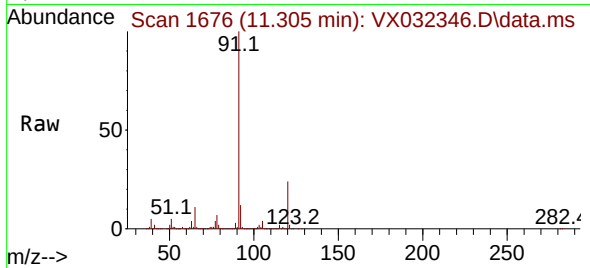




#78
n-propylbenzene
Concen: 386.548 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

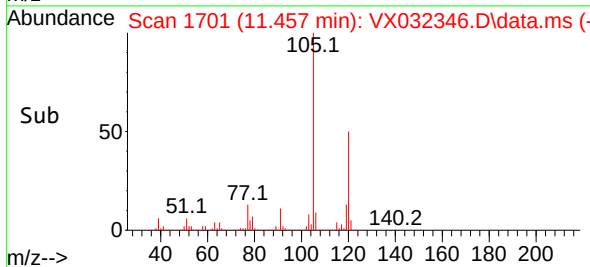
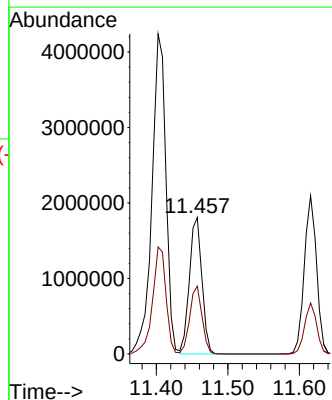
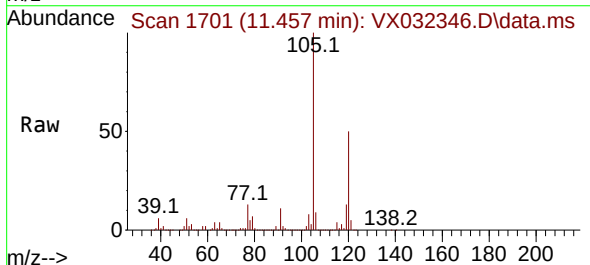
Instrument :
MSVOA_X
ClientSampleId :
MW-3

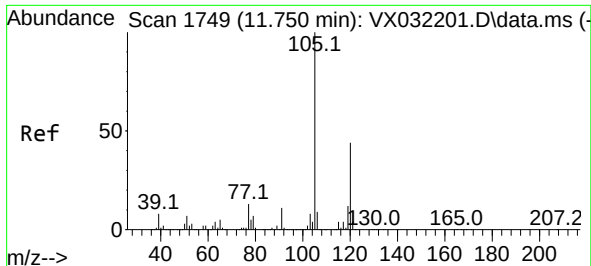
Tgt Ion: 91 Resp: 3553271
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 317.776 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion:105 Resp: 2203509
Ion Ratio Lower Upper
105 100
120 48.7 23.5 70.6

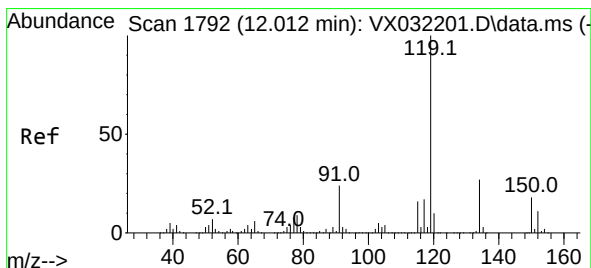
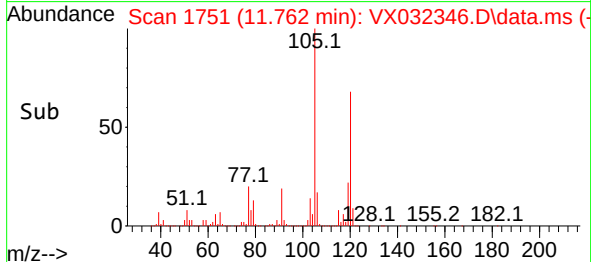
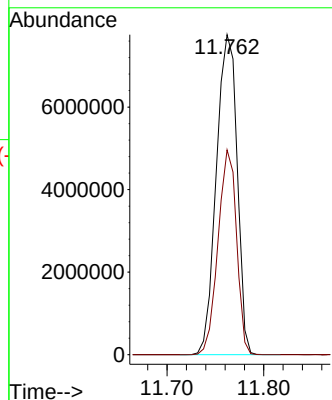
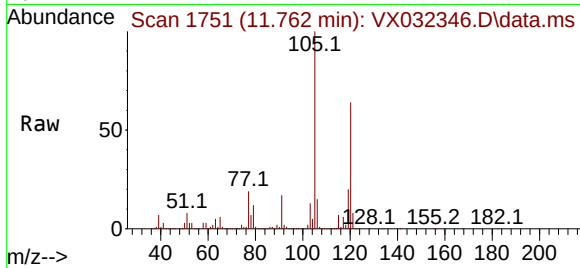




#84
1,2,4-Trimethylbenzene
Concen: 1713.186 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

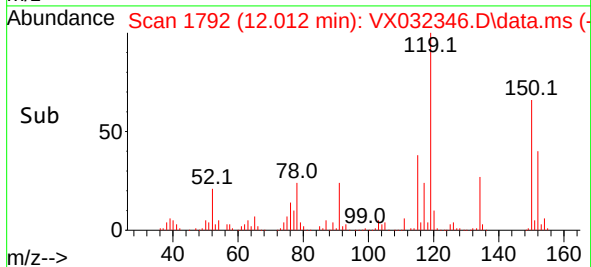
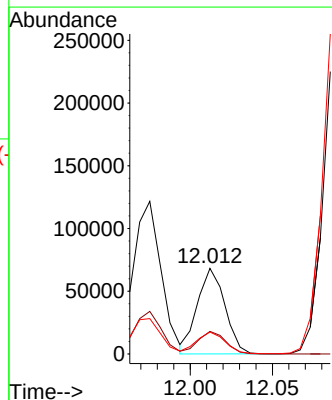
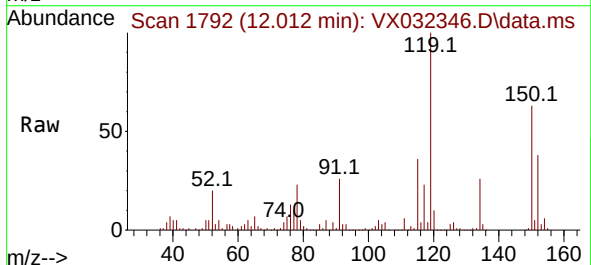
Instrument :
MSVOA_X
ClientSampleId :
MW-3

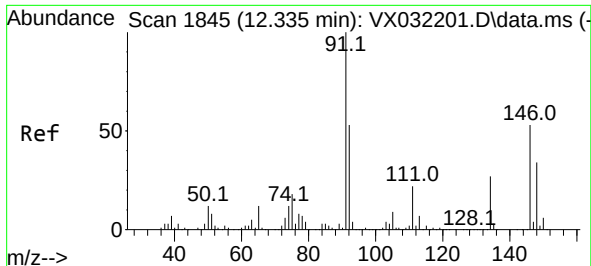
Tgt Ion:105 Resp:11549620
Ion Ratio Lower Upper
105 100
120 57.0 22.1 66.1



#86
p-Isopropyltoluene
Concen: 11.112 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032346.D
Acq: 24 Oct 2022 17:30

Tgt Ion:119 Resp: 79275
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 61.469 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX032346.D

Acq: 24 Oct 2022 17:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

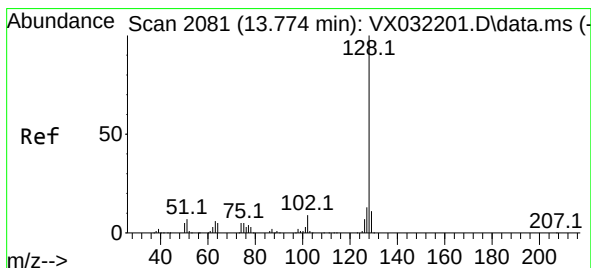
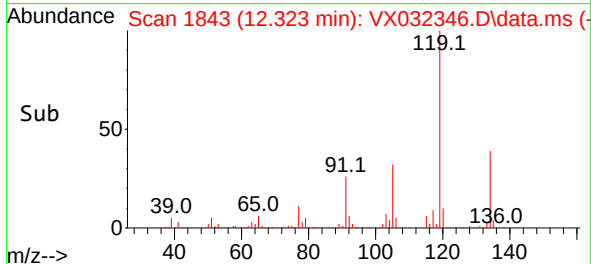
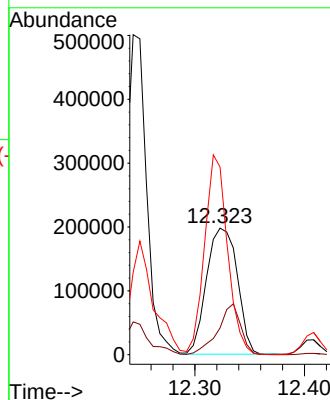
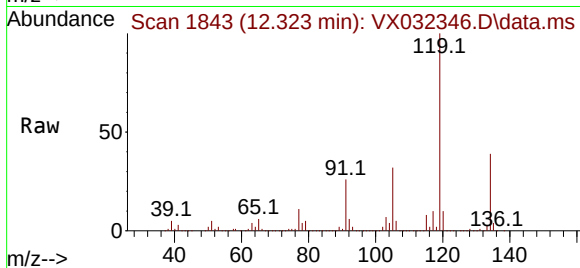
Tgt Ion: 91 Resp: 386253

Ion Ratio Lower Upper

91 100

92 29.7 26.3 78.9

134 117.5 13.0 39.0#



#95

Naphthalene

Concen: 402.618 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX032346.D

Acq: 24 Oct 2022 17:30

Tgt Ion:128 Resp: 3121214

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.6 8.7 13.1

