

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034835.D
 Acq On : 29 Mar 2023 17:55
 Operator : JC/MD
 Sample : 02084-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BDL

Quant Time: Mar 30 06:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

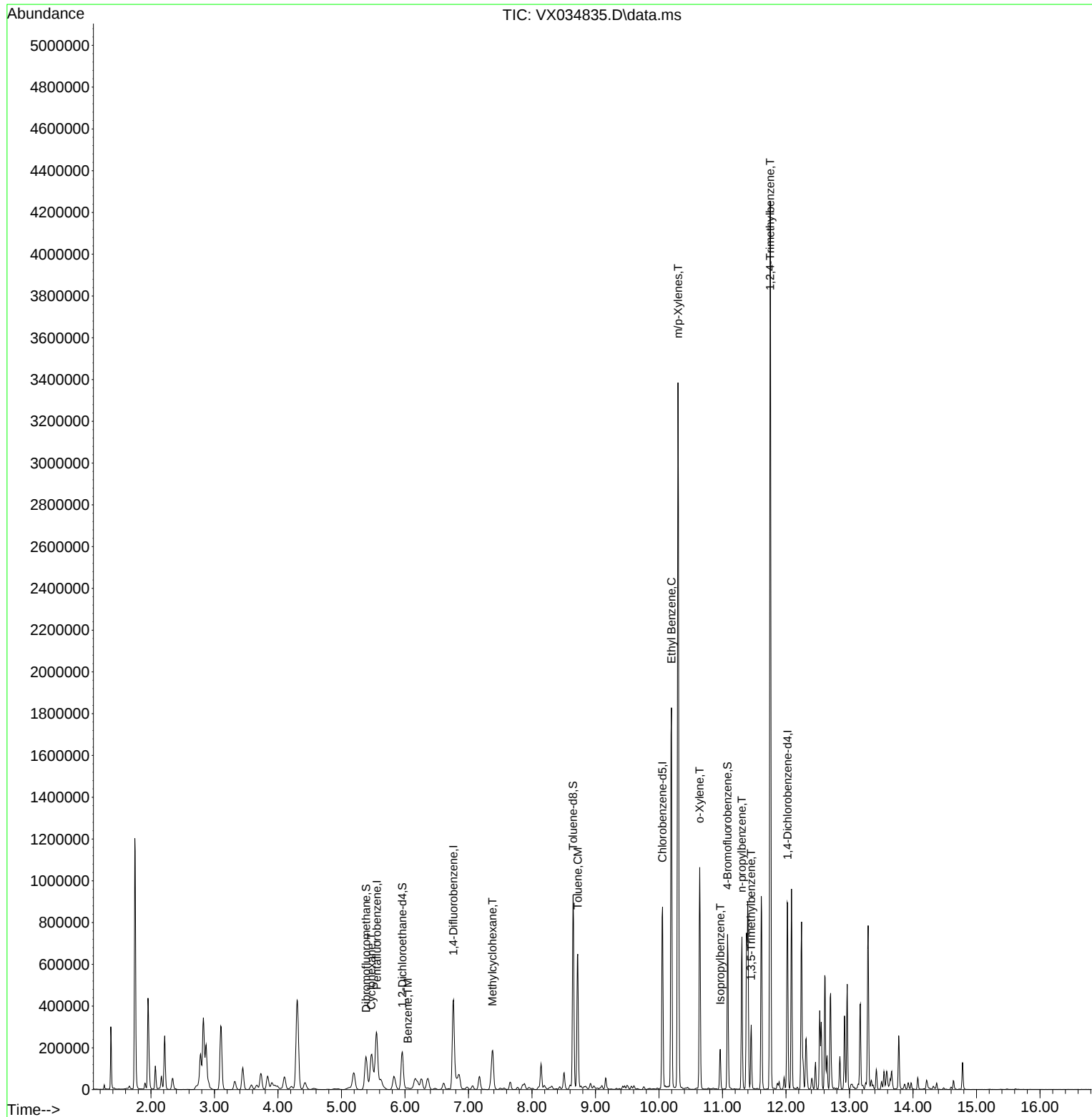
Internal Standards						
1) Pentafluorobenzene	5.556	168	248051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174707	46.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.100%
35) Dibromofluoromethane	5.385	113	128678	46.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	512573	50.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	189216	47.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	121810	26.370	ug/l	98
39) Methylcyclohexane	7.379	83	80158	18.405	ug/l	93
40) Benzene	6.044	78	8578	0.729	ug/l	99
52) Toluene	8.720	92	241127	31.411	ug/l	100
67) Ethyl Benzene	10.195	91	1021282	71.756	ug/l	99
68) m/p-Xylenes	10.299	106	737384	135.630	ug/l	99
69) o-Xylene	10.640	106	211578	39.725	ug/l	97
73) Isopropylbenzene	10.964	105	94852	7.314	ug/l	99
78) n-propylbenzene	11.305	91	428634	28.610	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	125188	11.545	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1721336	156.095	ug/l	99

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

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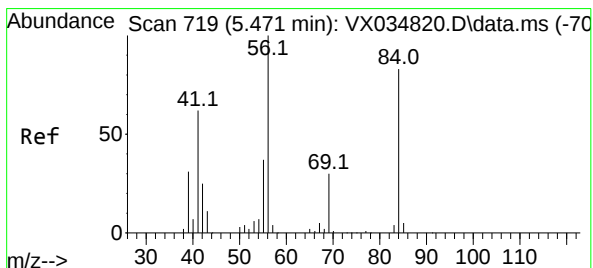
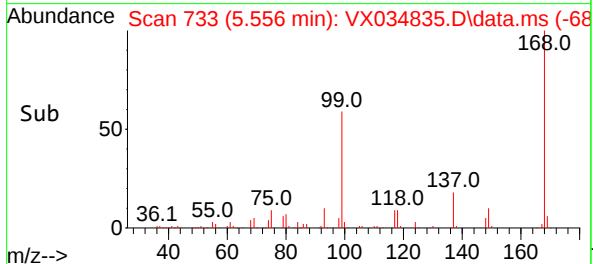
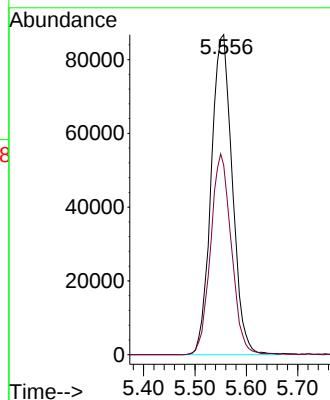
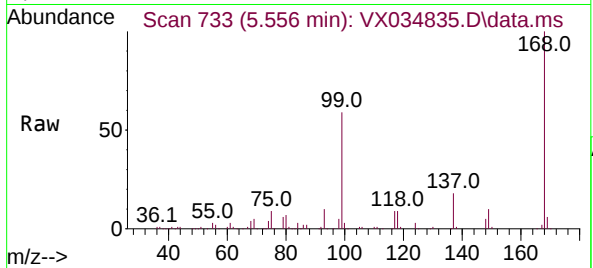




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

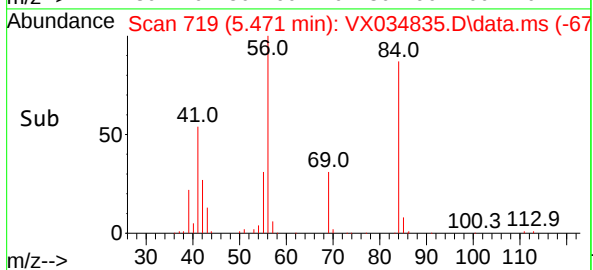
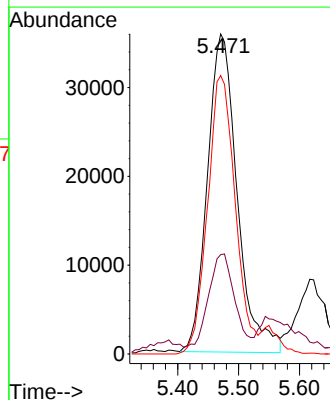
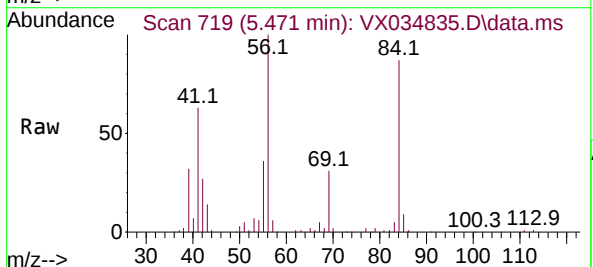
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

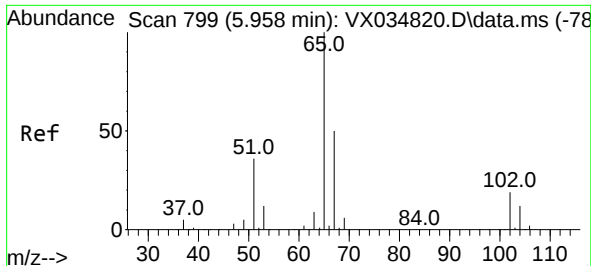
Tgt Ion:168 Resp: 248051
Ion Ratio Lower Upper
168 100
99 59.2 45.7 68.5



#31
Cyclohexane
Concen: 26.370 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion: 56 Resp: 121810
Ion Ratio Lower Upper
56 100
69 28.2 23.7 35.5
84 87.3 68.5 102.7

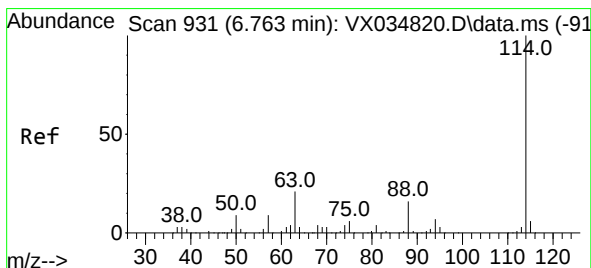
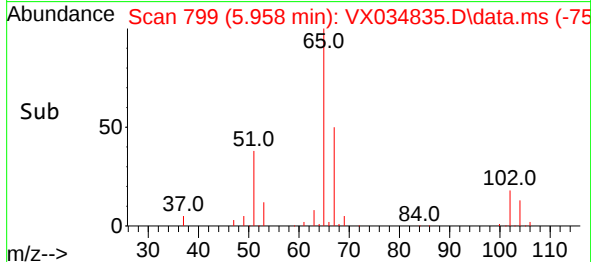
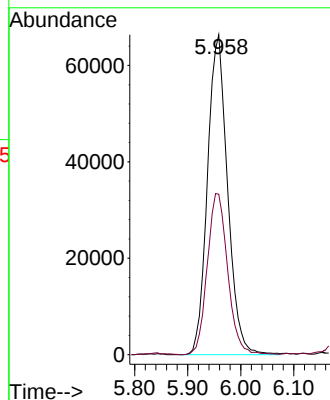
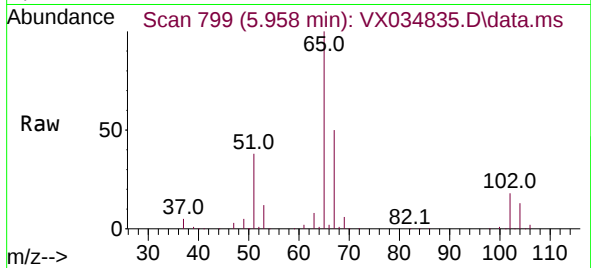




#33
 1,2-Dichloroethane-d4
 Concen: 46.053 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX034835.D
 Acq: 29 Mar 2023 17:55

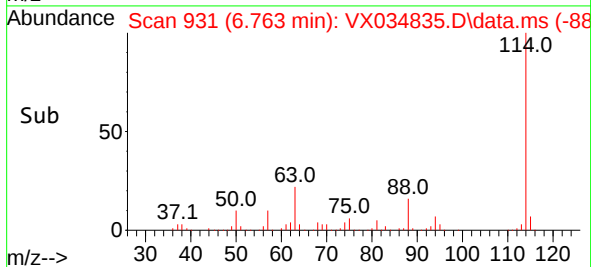
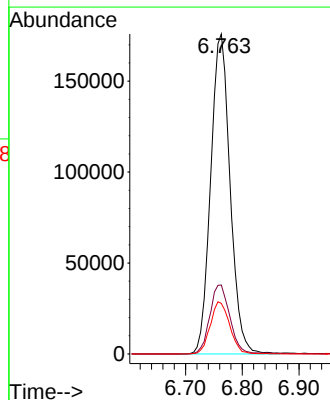
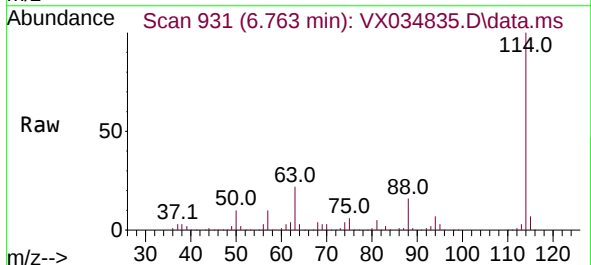
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BDL

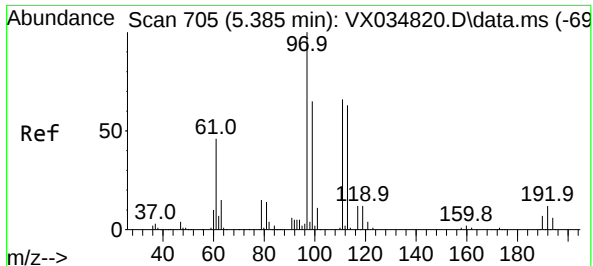
Tgt Ion: 65 Resp: 174707
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX034835.D
 Acq: 29 Mar 2023 17:55

Tgt Ion: 114 Resp: 418550
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 15.8 0.0 33.2

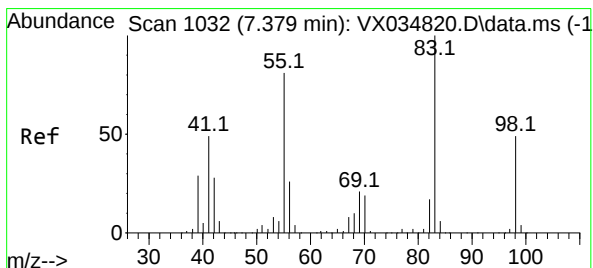
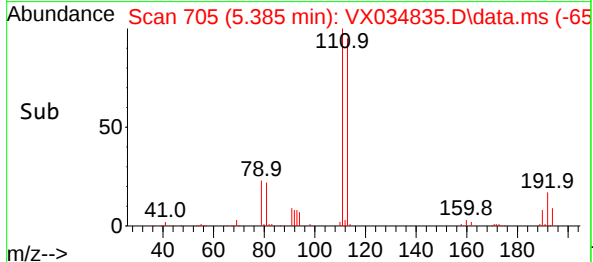
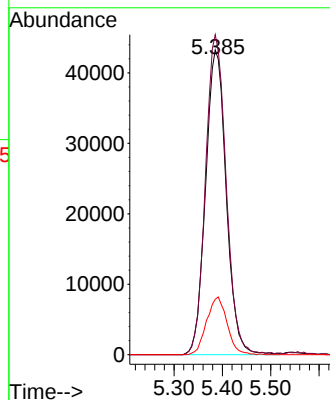
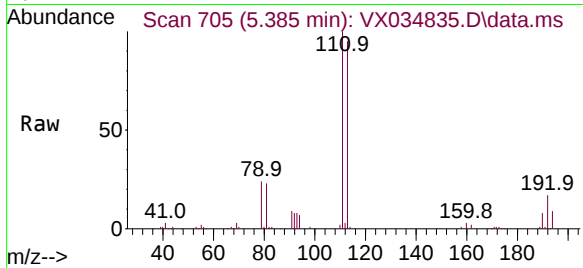




#35
Dibromofluoromethane
Concen: 46.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

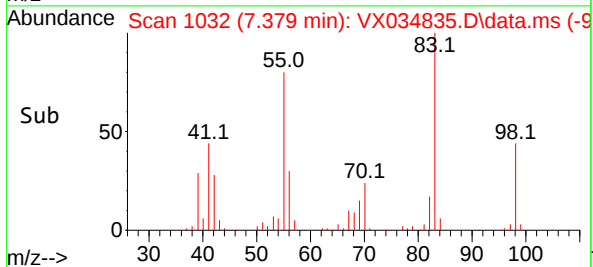
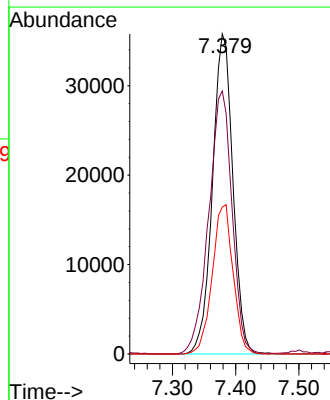
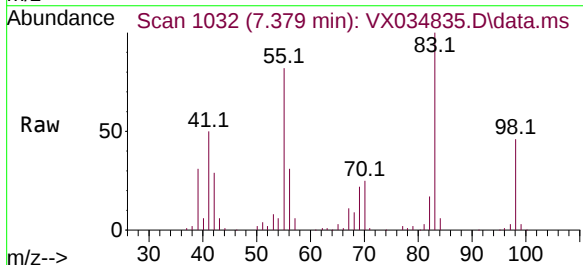
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

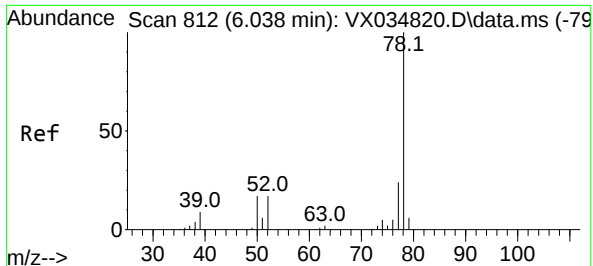
Tgt Ion:113 Resp: 128678
Ion Ratio Lower Upper
113 100
111 104.8 83.7 125.5
192 18.7 15.4 23.2



#39
Methylcyclohexane
Concen: 18.405 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion: 83 Resp: 80158
Ion Ratio Lower Upper
83 100
55 81.9 60.5 90.7
98 45.9 40.4 60.6





#40

Benzene

Concen: 0.729 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX034835.D

Acq: 29 Mar 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

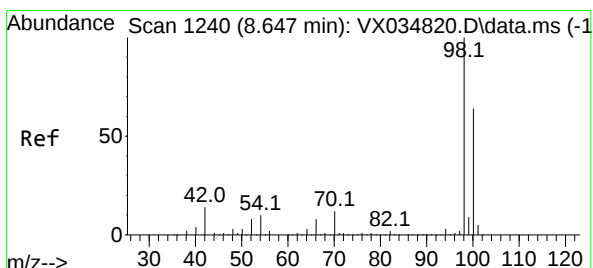
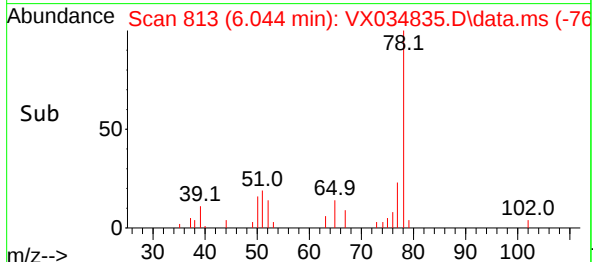
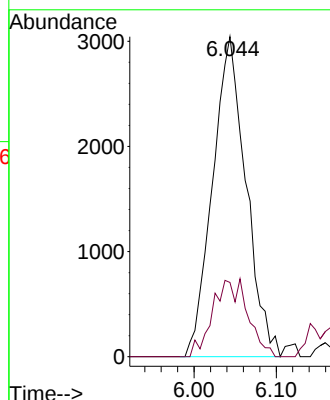
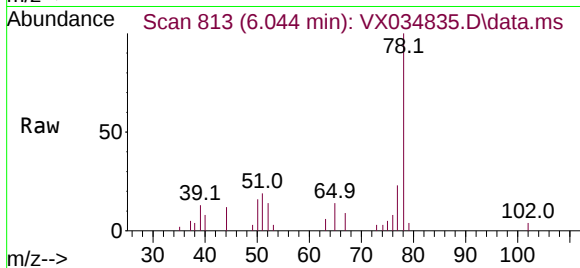
MW-5BDL

Tgt Ion: 78 Resp: 8578

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



#50

Toluene-d8

Concen: 50.163 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034835.D

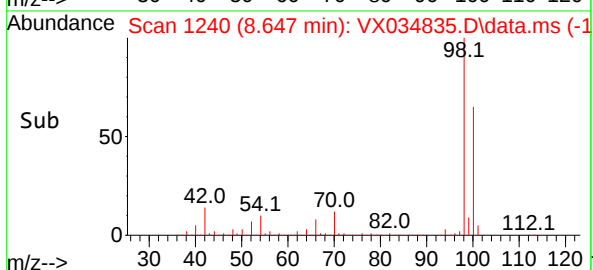
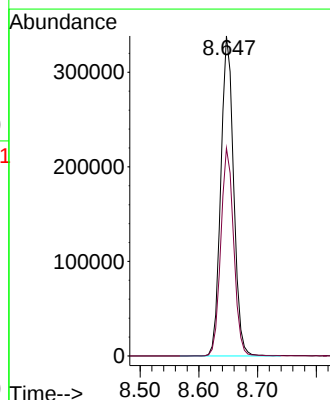
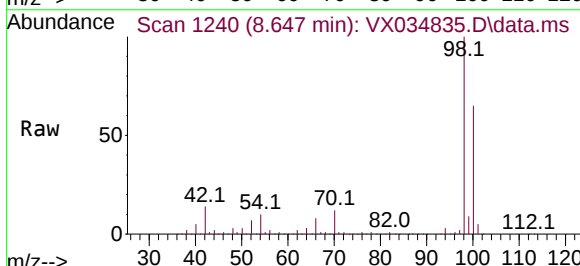
Acq: 29 Mar 2023 17:55

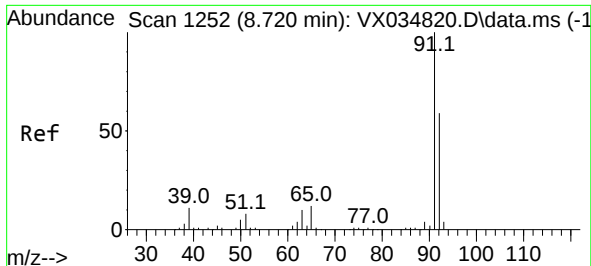
Tgt Ion: 98 Resp: 512573

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

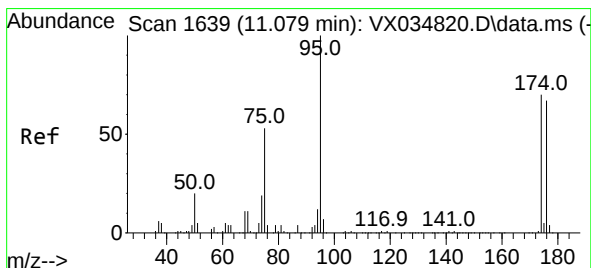
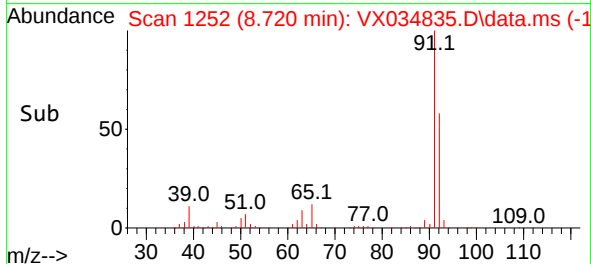
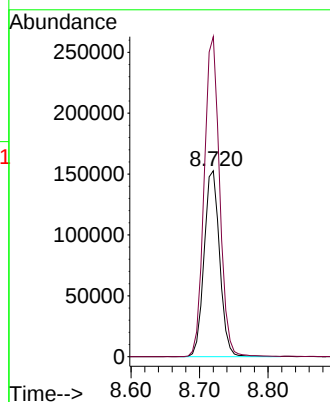
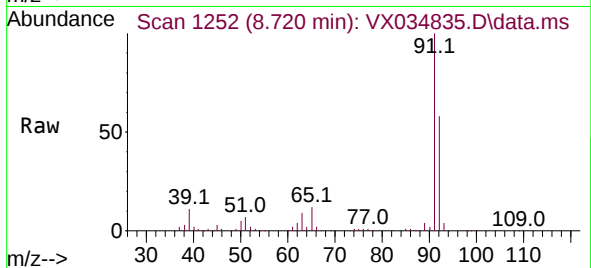




#52
Toluene
Concen: 31.411 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

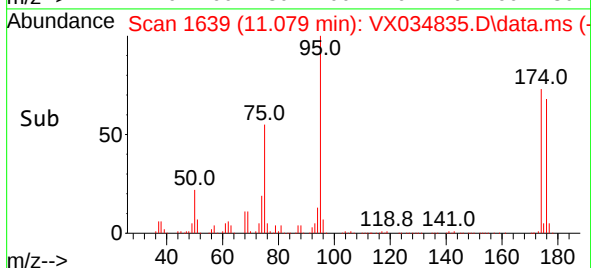
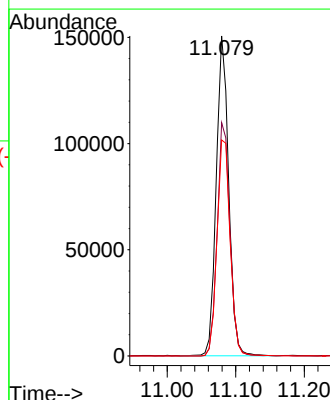
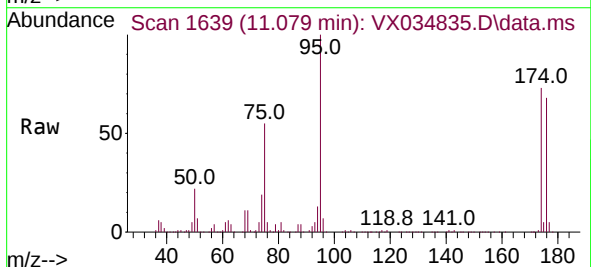
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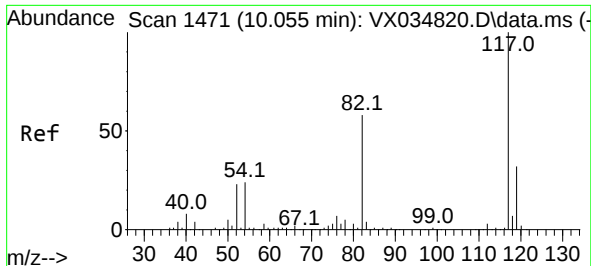
Tgt Ion: 92 Resp: 241127
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 47.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion: 95 Resp: 189216
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 71.6 0.0 140.6

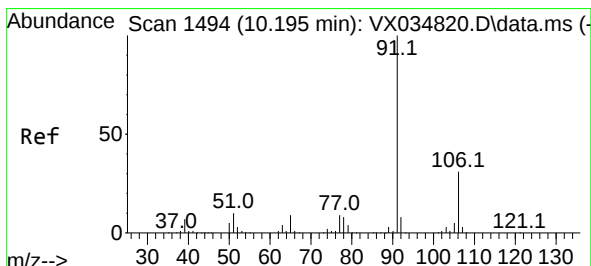
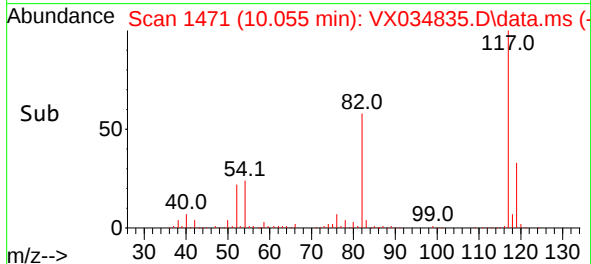
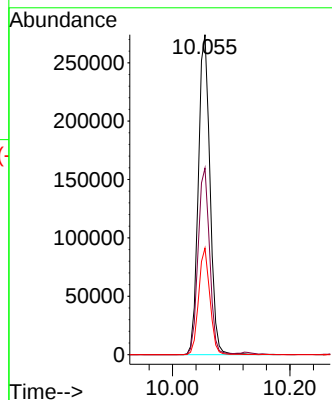
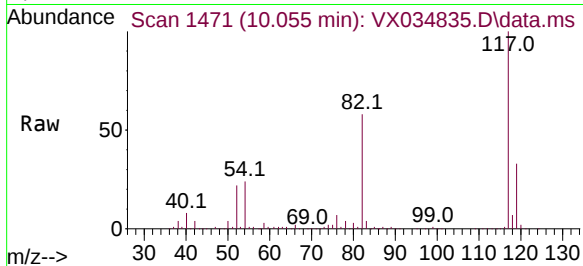




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

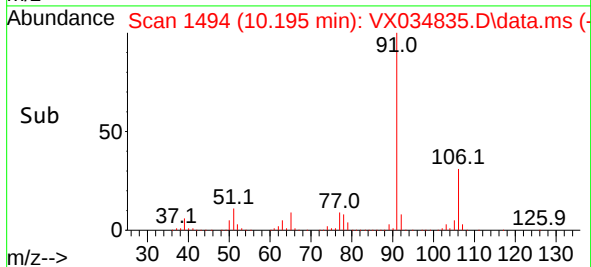
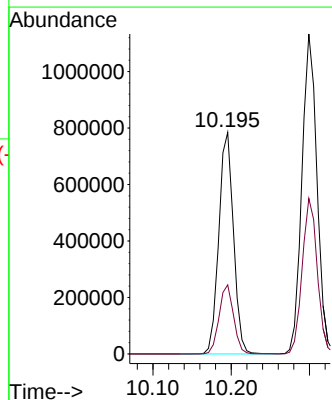
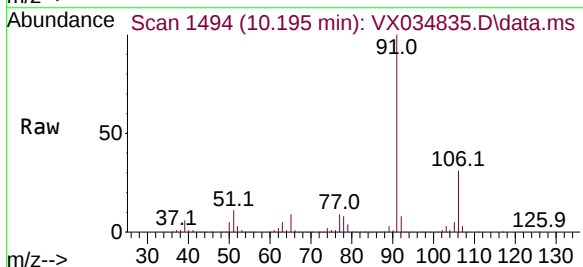
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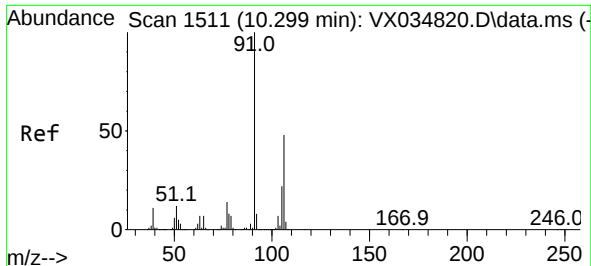
Tgt Ion:117 Resp: 377608
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 33.3 26.0 39.0



#67
Ethyl Benzene
Concen: 71.756 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion: 91 Resp: 1021282
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

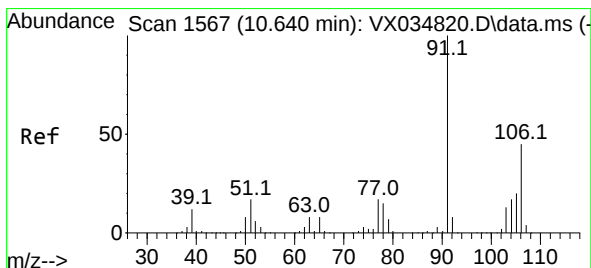
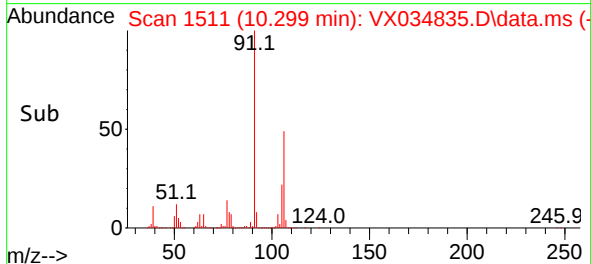
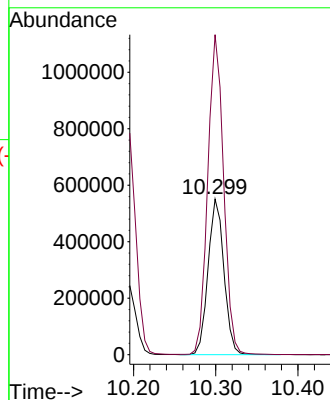
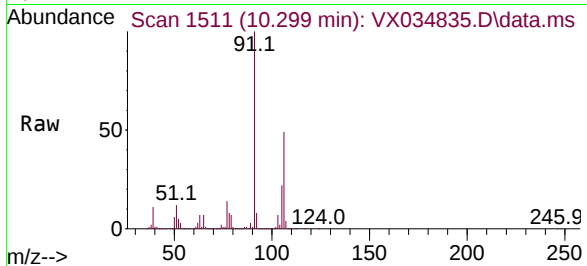




#68
m/p-Xylenes
Concen: 135.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

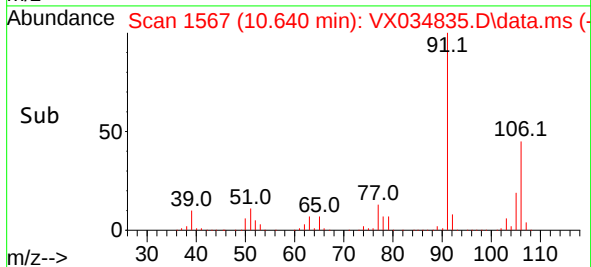
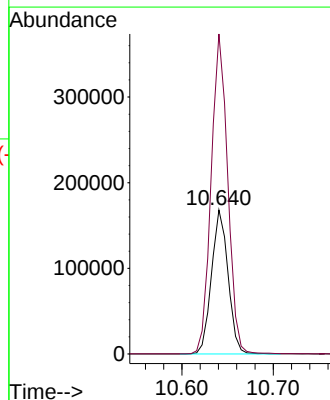
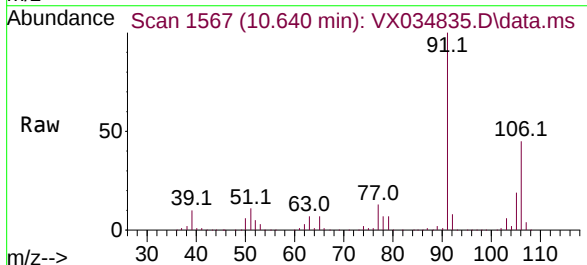
Instrument :
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MW-5BDL

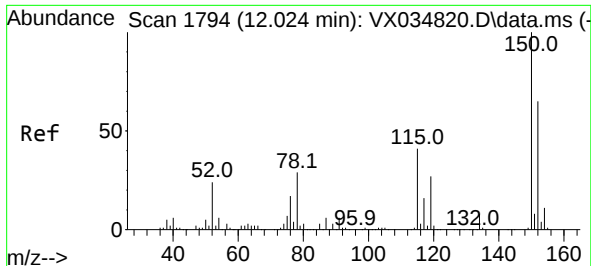
Tgt Ion:106 Resp: 737384
Ion Ratio Lower Upper
106 100
91 205.9 164.0 246.0



#69
o-Xylene
Concen: 39.725 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion:106 Resp: 211578
Ion Ratio Lower Upper
106 100
91 221.9 108.5 325.3

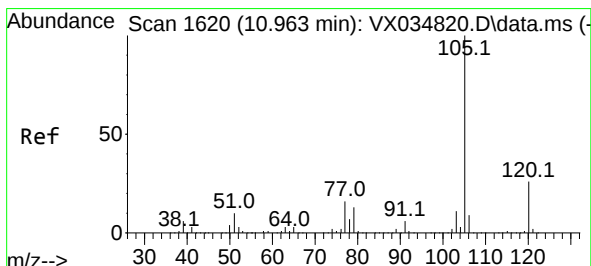
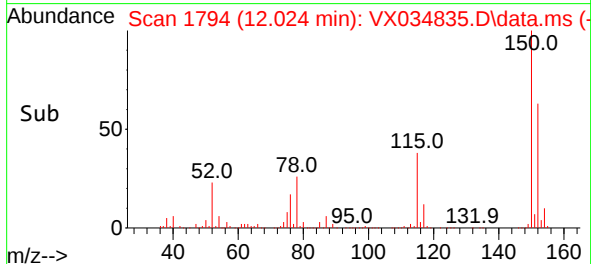
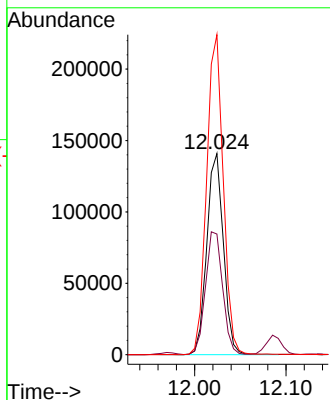
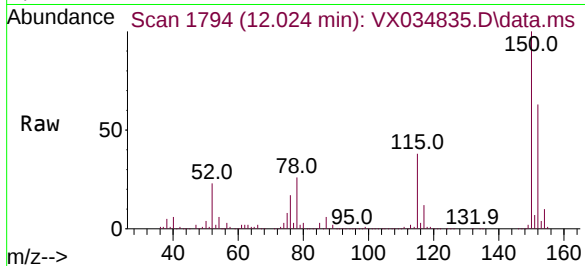




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

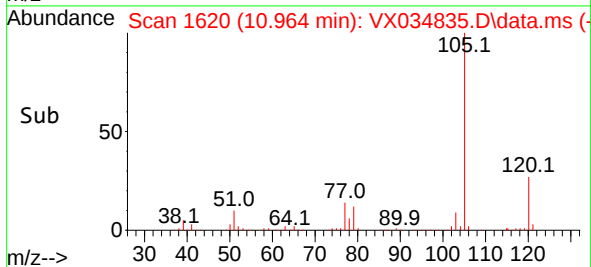
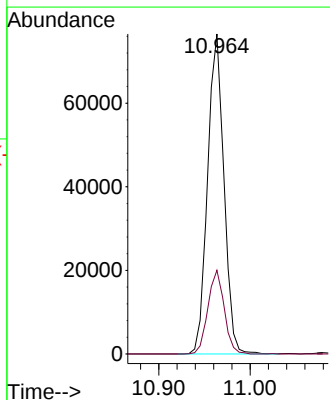
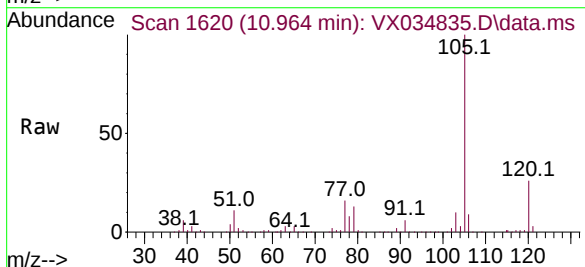
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

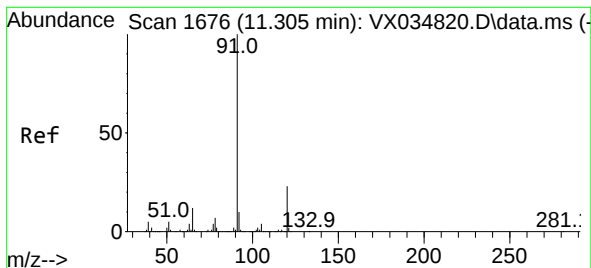
Tgt Ion:152 Resp: 177055
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 159.6 0.0 352.4



#73
Isopropylbenzene
Concen: 7.314 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034835.D
Acq: 29 Mar 2023 17:55

Tgt Ion:105 Resp: 94852
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9





#78

n-propylbenzene

Concen: 28.610 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034835.D

Acq: 29 Mar 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

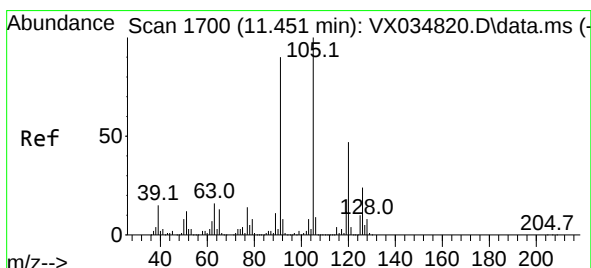
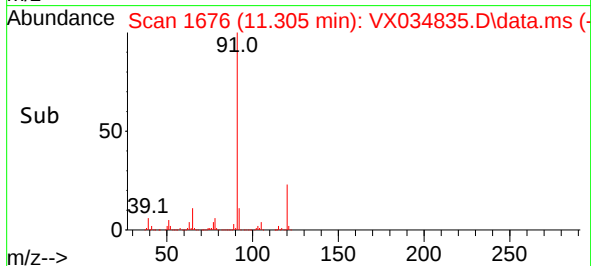
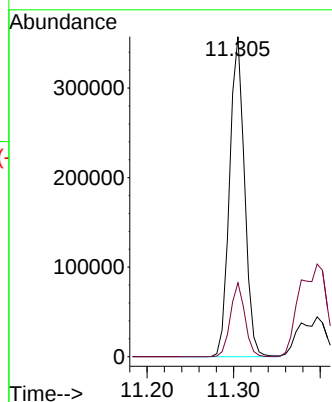
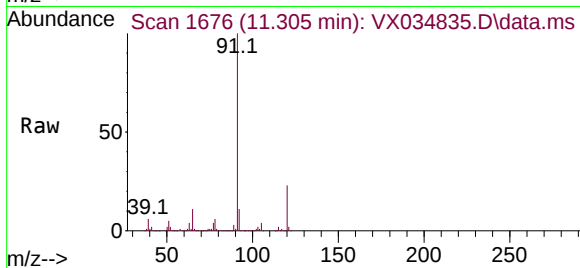
MW-5BDL

Tgt Ion: 91 Resp: 428634

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 11.545 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034835.D

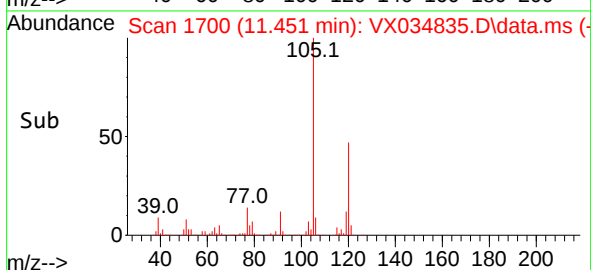
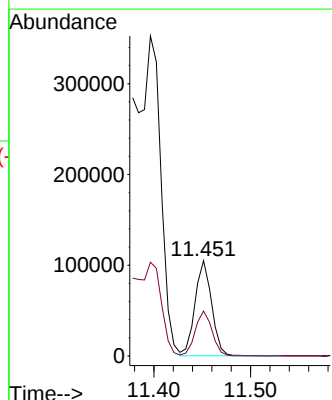
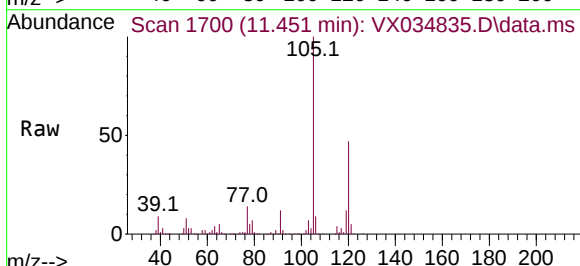
Acq: 29 Mar 2023 17:55

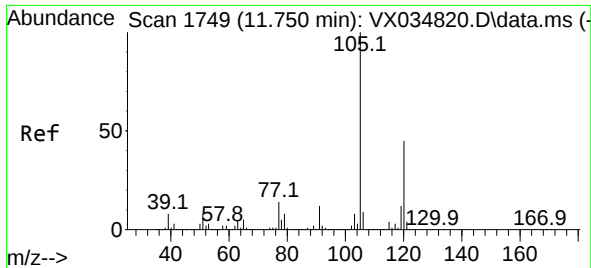
Tgt Ion: 105 Resp: 125188

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 156.095 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034835.D

Acq: 29 Mar 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

MW-5BDL

Tgt Ion:105 Resp: 1721336

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0

