

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035402.D
 Acq On : 28 Apr 2023 19:35
 Operator : JC/MD
 Sample : 02522-10DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Apr 29 00:43:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

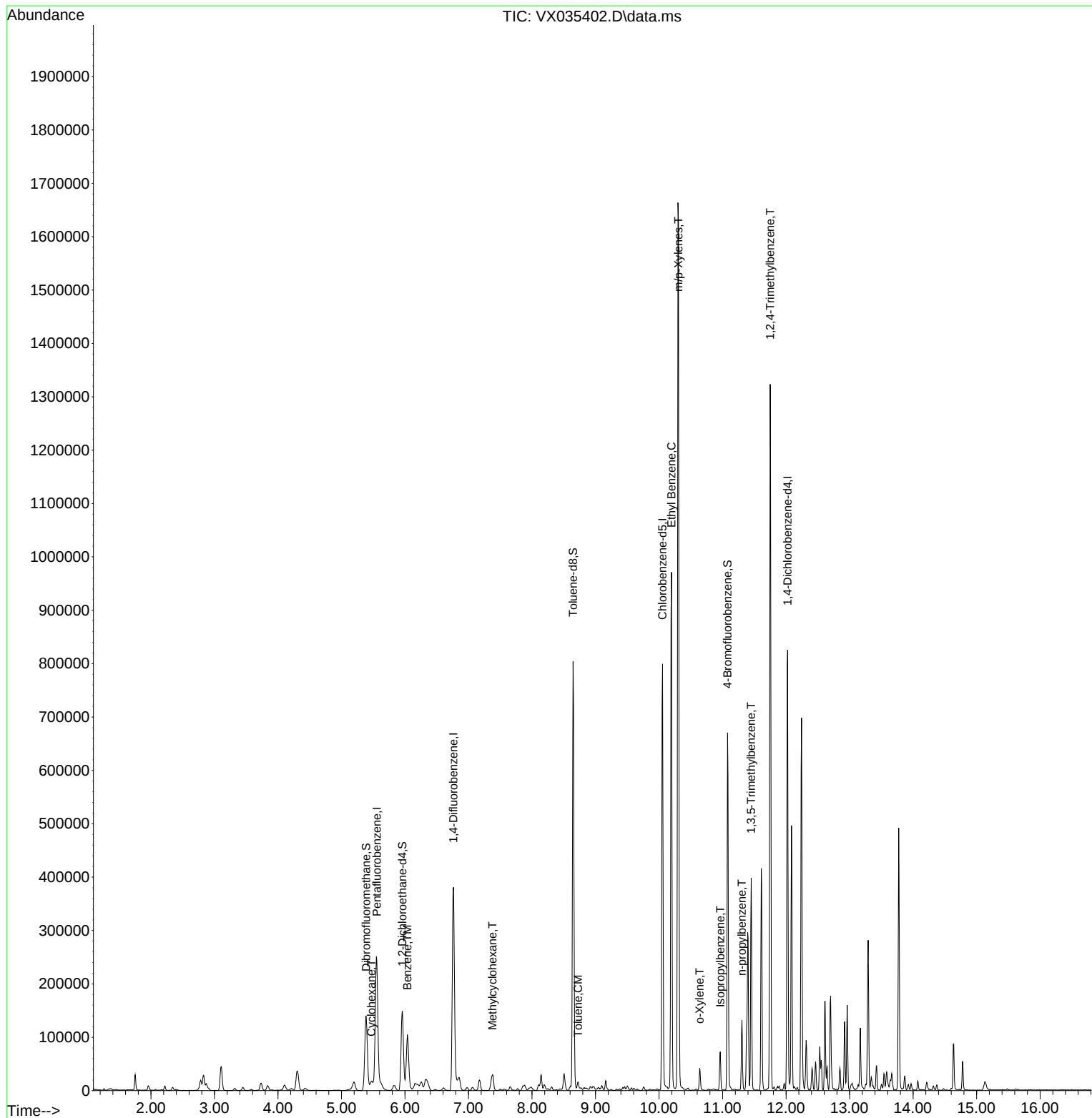
Internal Standards						
1) Pentafluorobenzene	5.556	168	248988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145788	48.533	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.060%	
35) Dibromofluoromethane	5.385	113	122773	49.098	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.200%	
50) Toluene-d8	8.646	98	478714	50.749	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.500%	
62) 4-Bromofluorobenzene	11.079	95	185411	52.250	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.500%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	12491	2.931	ug/l #	88
39) Methylcyclohexane	7.378	83	13181	2.773	ug/l #	87
40) Benzene	6.037	78	128292	11.454	ug/l	98
52) Toluene	8.726	92	5952	0.838	ug/l	92
67) Ethyl Benzene	10.195	91	562986	40.543	ug/l	100
68) m/p-Xylenes	10.305	106	406302	76.360	ug/l	100
69) o-Xylene	10.640	106	8753	1.678	ug/l	99
73) Isopropylbenzene	10.963	105	38118	2.928	ug/l	99
78) n-propylbenzene	11.305	91	80122	5.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	170882	15.569	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	582230	52.795	ug/l	99

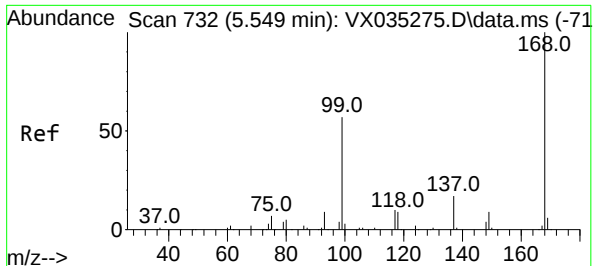
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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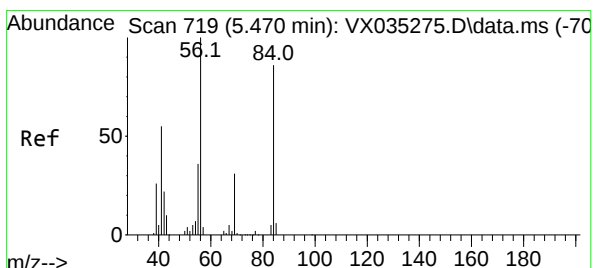
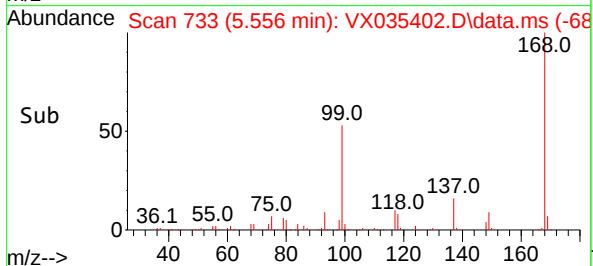
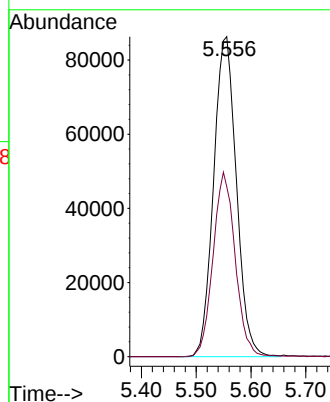
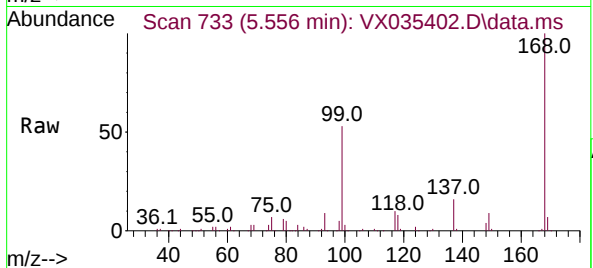




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

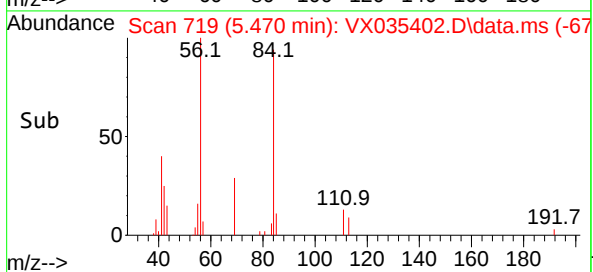
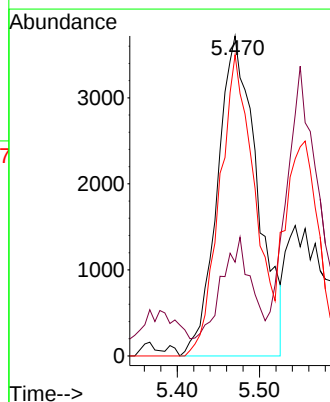
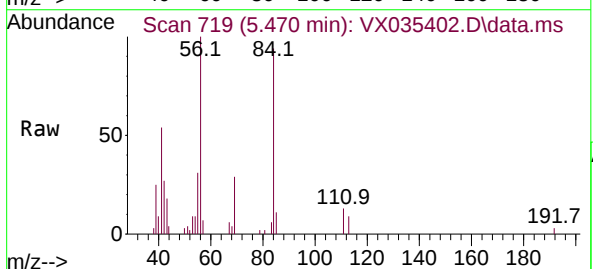
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

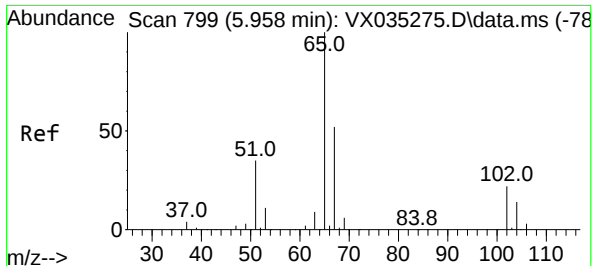
Tgt Ion:168 Resp: 248988
Ion Ratio Lower Upper
168 100
99 53.1 45.7 68.5



#31
Cyclohexane
Concen: 2.931 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

Tgt Ion: 56 Resp: 12491
Ion Ratio Lower Upper
56 100
69 19.7 23.7 35.5#
84 94.1 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 48.533 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

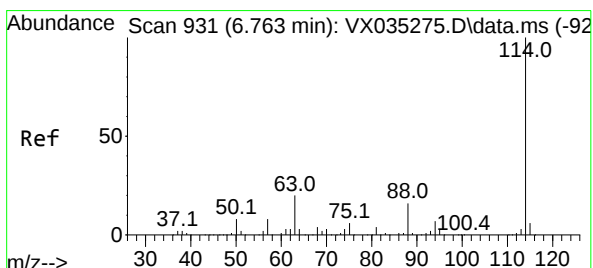
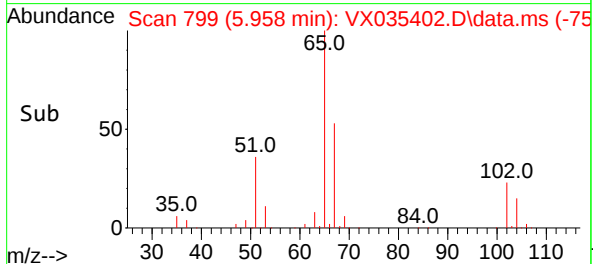
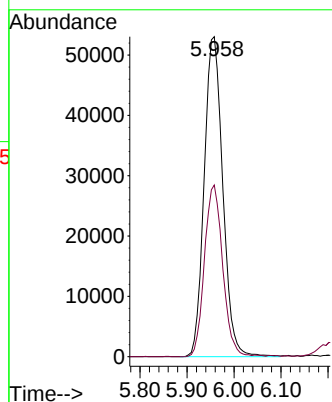
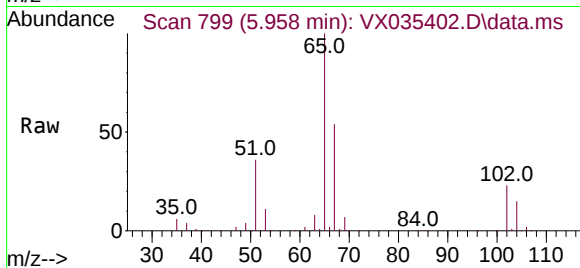
MW-2DL

Tgt Ion: 65 Resp: 145788

Ion Ratio Lower Upper

65 100

67 52.5 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: VX035402.D

Acq: 28 Apr 2023 19:35

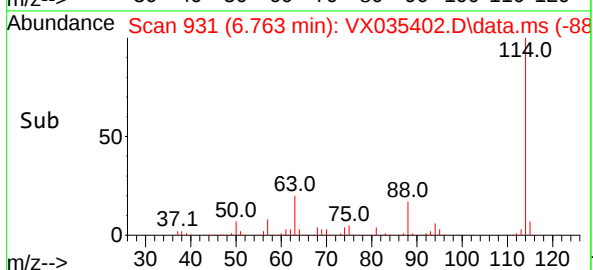
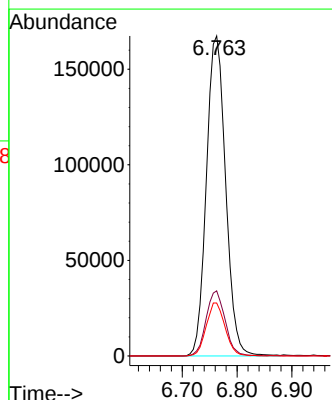
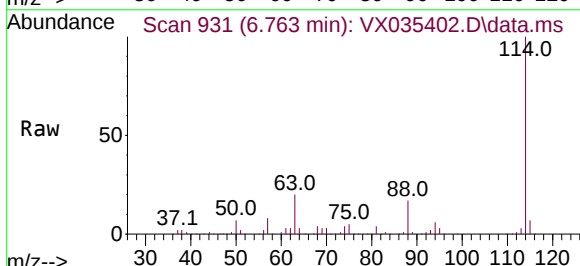
Tgt Ion: 114 Resp: 407414

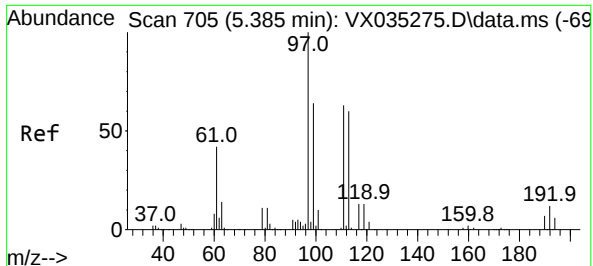
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.098 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

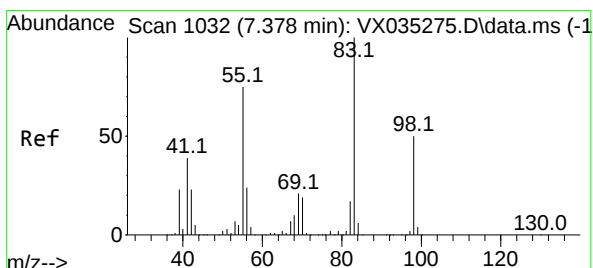
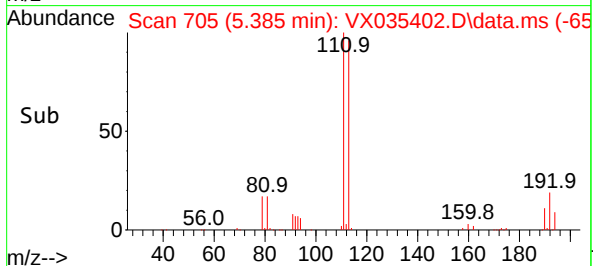
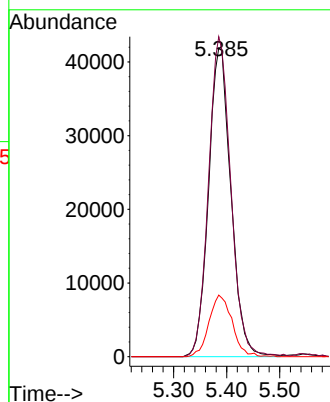
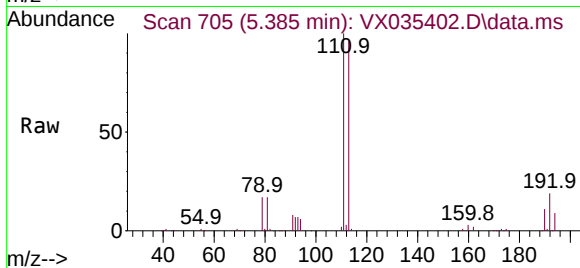
Tgt Ion:113 Resp: 122773

Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

192 20.7 15.4 23.2



#39

Methylcyclohexane

Concen: 2.773 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

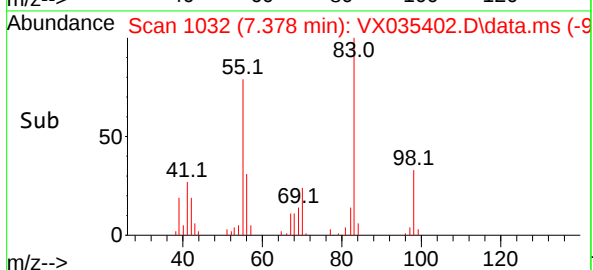
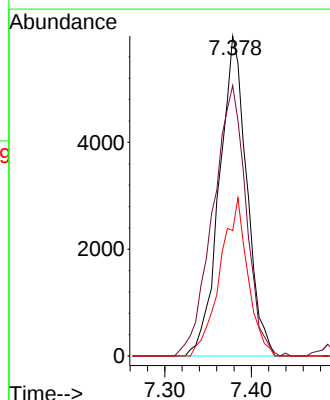
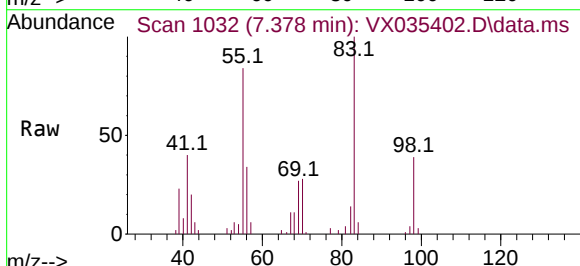
Tgt Ion: 83 Resp: 13181

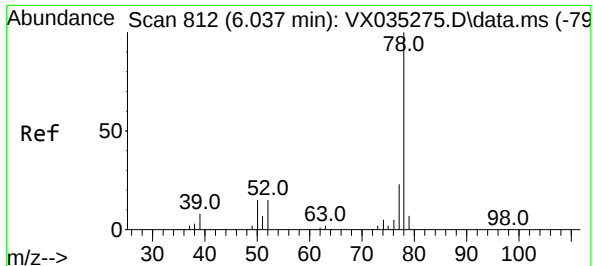
Ion Ratio Lower Upper

83 100

55 84.5 60.5 90.7

98 39.2 40.4 60.6#

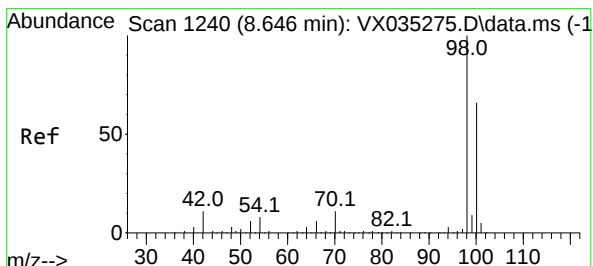
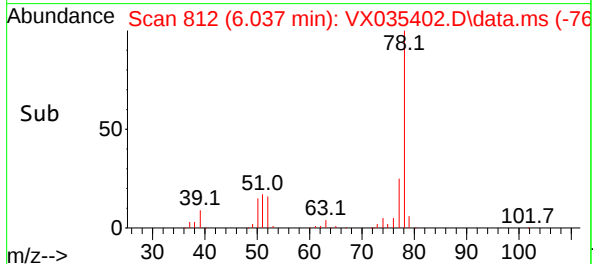
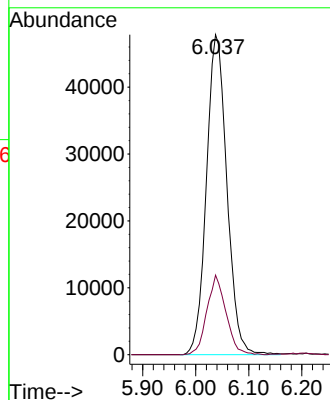
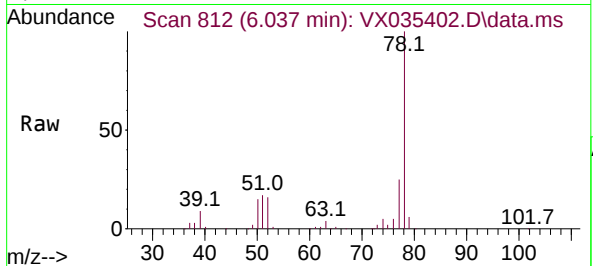




#40
Benzene
Concen: 11.454 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

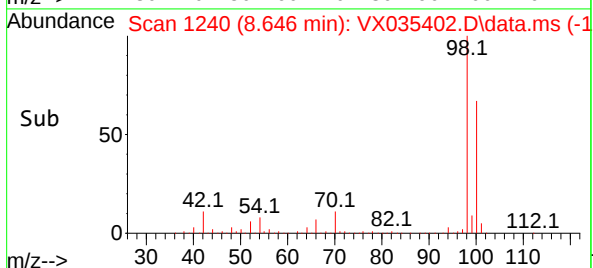
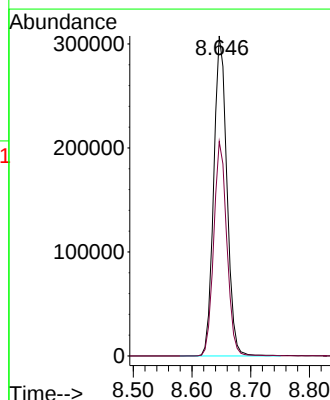
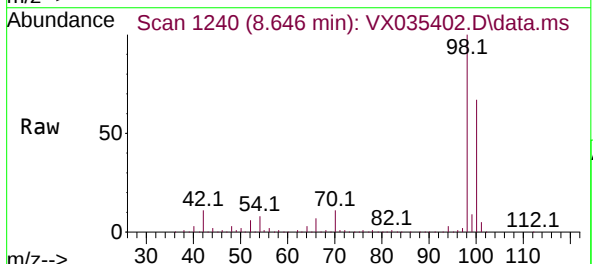
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

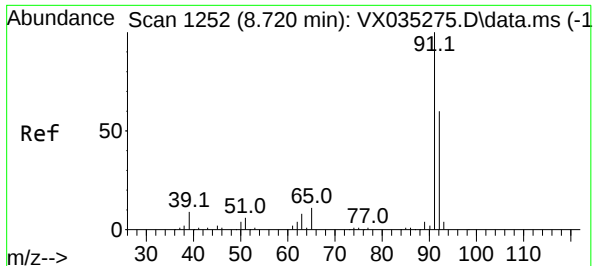
Tgt Ion: 78 Resp: 128292
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4



#50
Toluene-d8
Concen: 50.749 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

Tgt Ion: 98 Resp: 478714
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#52

Toluene

Concen: 0.838 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

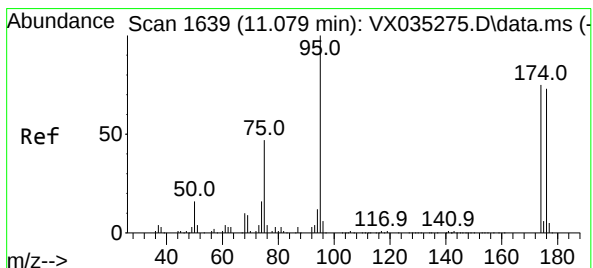
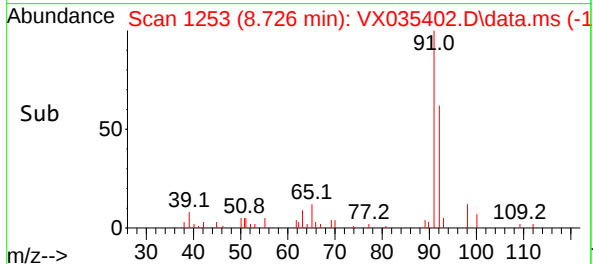
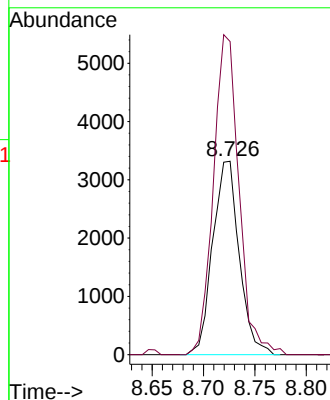
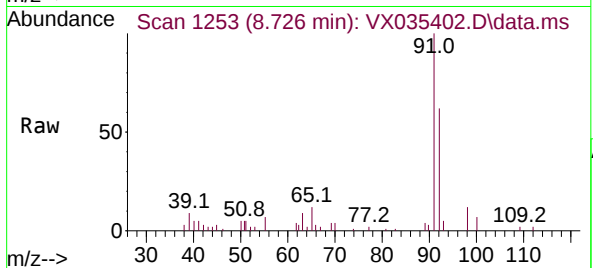
MW-2DL

Tgt Ion: 92 Resp: 5952

Ion Ratio Lower Upper

92 100

91 159.5 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 52.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

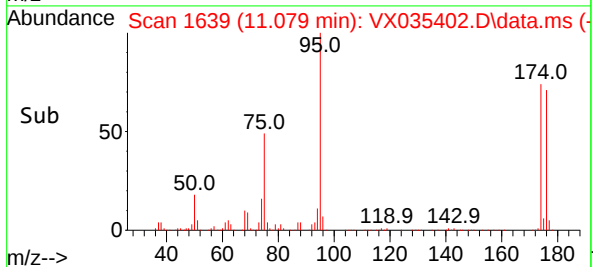
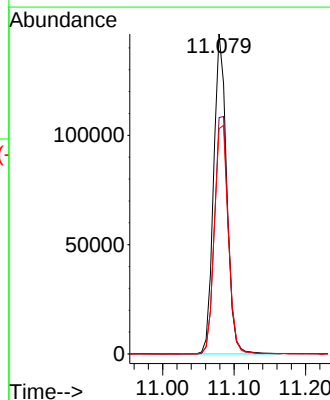
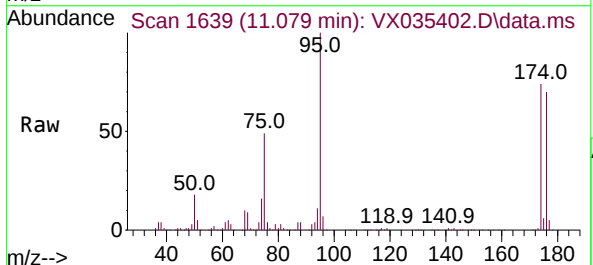
Tgt Ion: 95 Resp: 185411

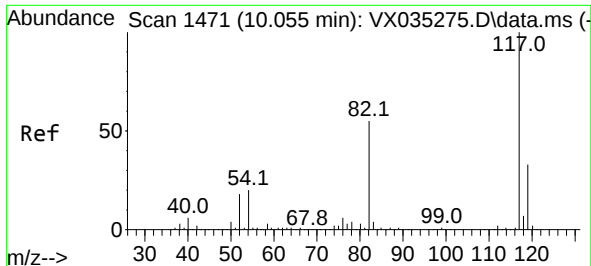
Ion Ratio Lower Upper

95 100

174 78.7 0.0 147.4

176 76.4 0.0 140.6

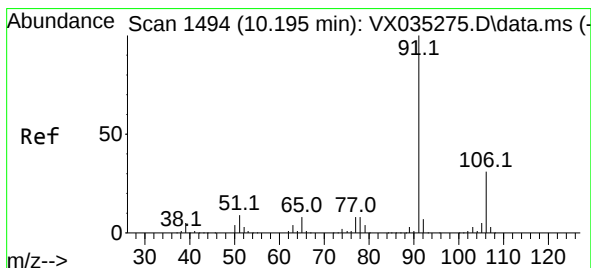
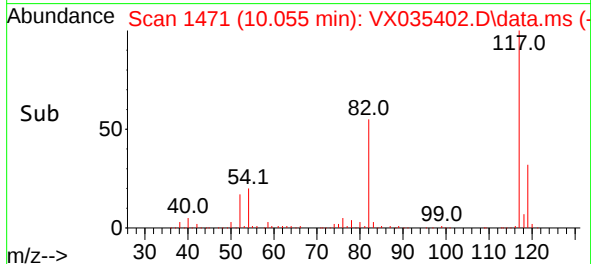
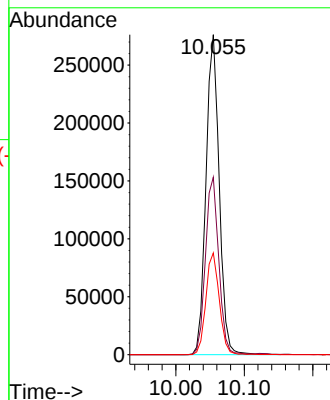
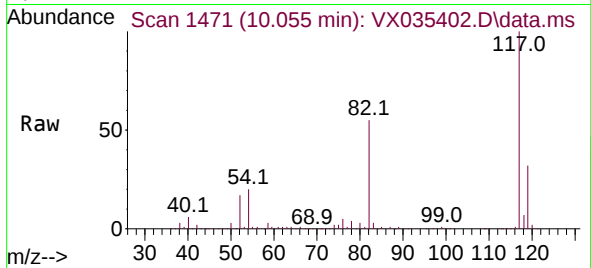




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

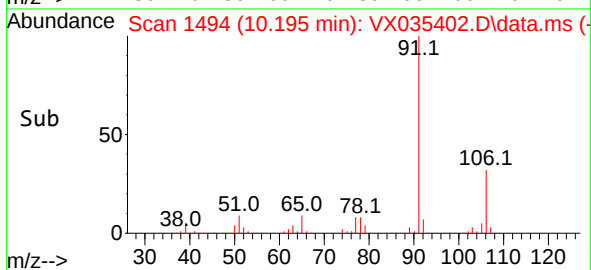
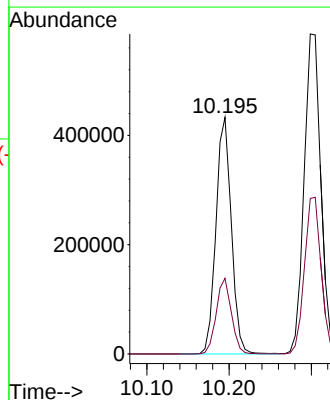
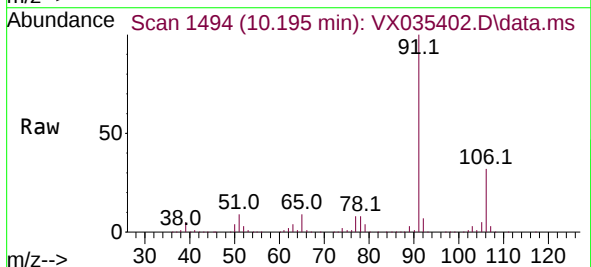
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

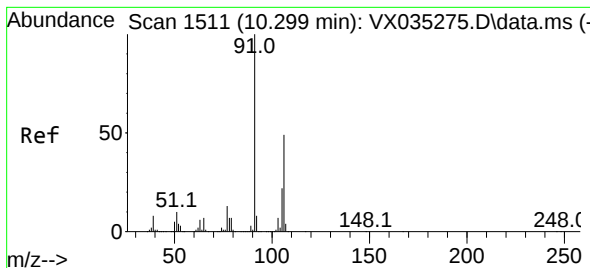
Tgt Ion:117 Resp: 370618
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.8 26.0 39.0



#67
Ethyl Benzene
Concen: 40.543 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

Tgt Ion: 91 Resp: 562986
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4





#68

m/p-Xylenes

Concen: 76.360 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

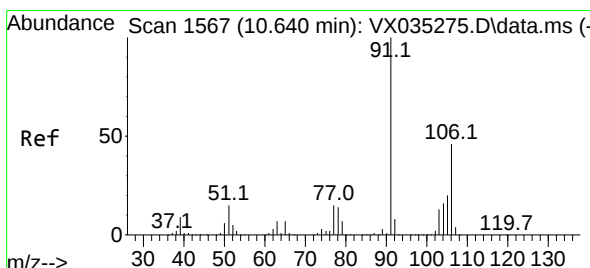
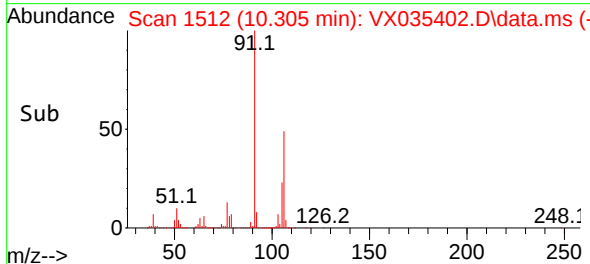
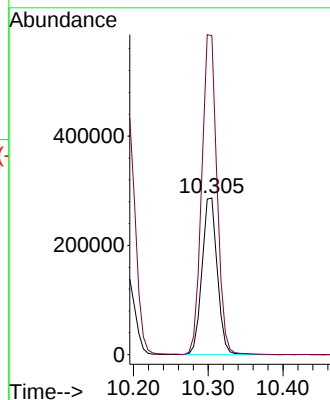
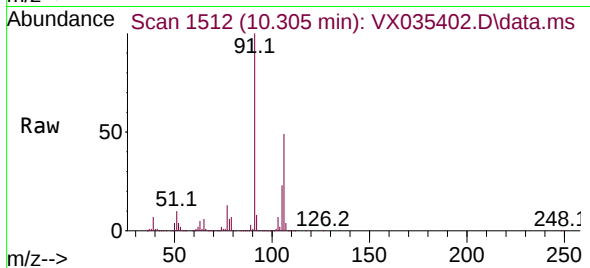
MW-2DL

Tgt Ion:106 Resp: 406302

Ion Ratio Lower Upper

106 100

91 204.3 164.0 246.0



#69

o-Xylene

Concen: 1.678 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035402.D

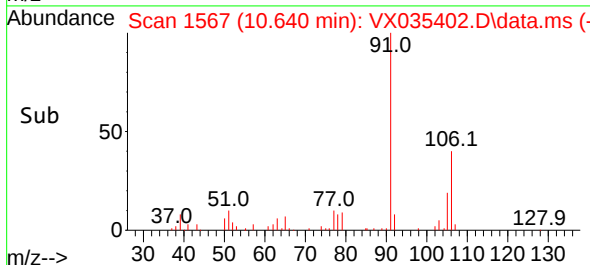
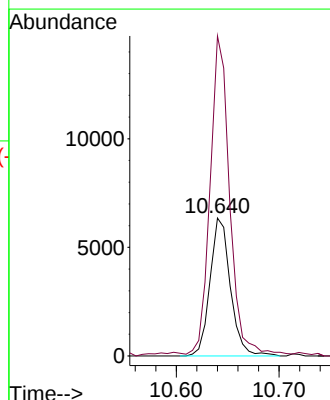
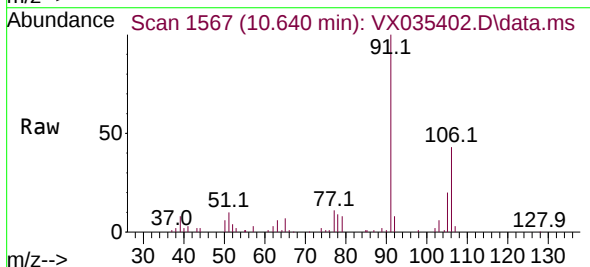
Acq: 28 Apr 2023 19:35

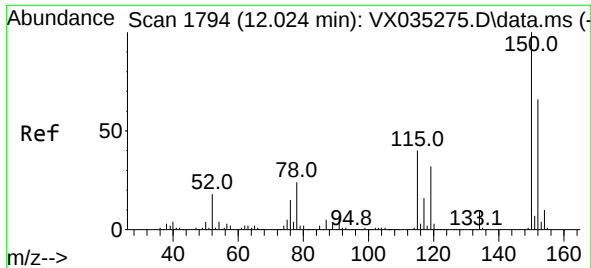
Tgt Ion:106 Resp: 8753

Ion Ratio Lower Upper

106 100

91 218.4 108.5 325.3

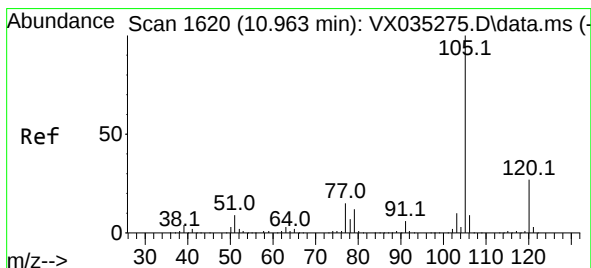
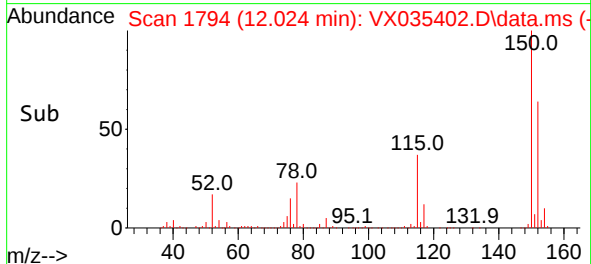
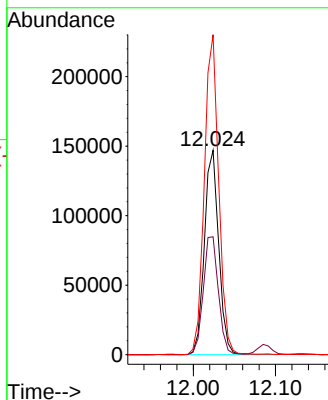
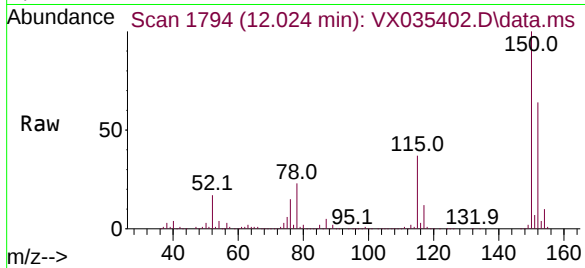




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

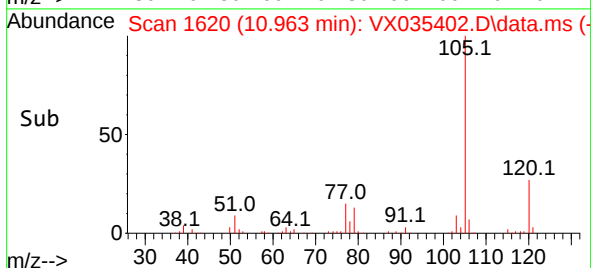
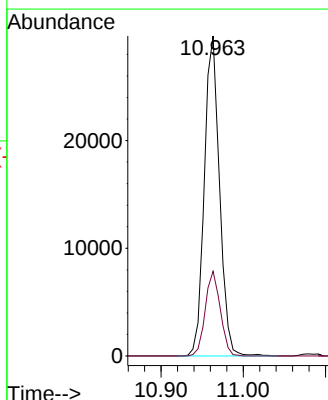
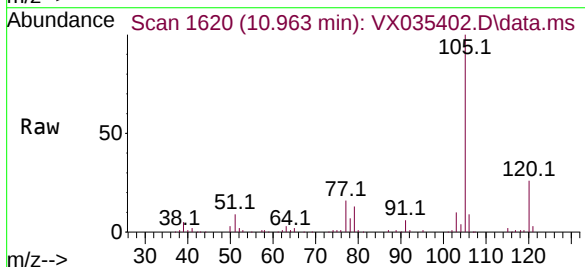
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

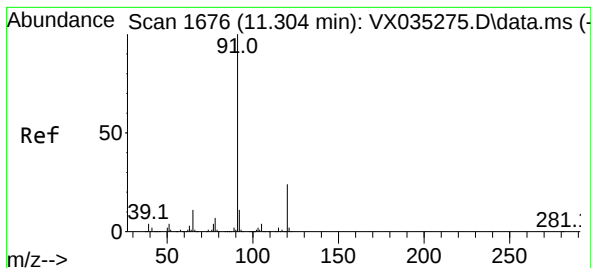
Tgt Ion:152 Resp: 178072
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 156.8 0.0 352.4



#73
Isopropylbenzene
Concen: 2.928 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035402.D
Acq: 28 Apr 2023 19:35

Tgt Ion:105 Resp: 38118
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9





#78

n-propylbenzene

Concen: 5.359 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

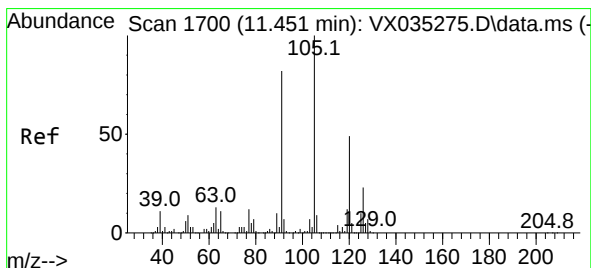
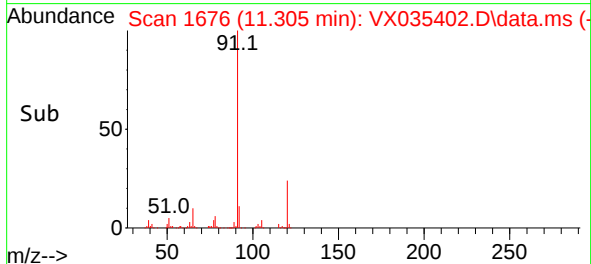
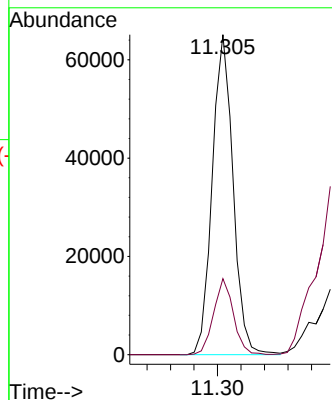
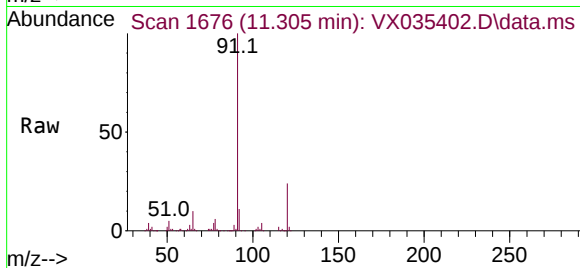
MW-2DL

Tgt Ion: 91 Resp: 80122

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 15.569 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX035402.D

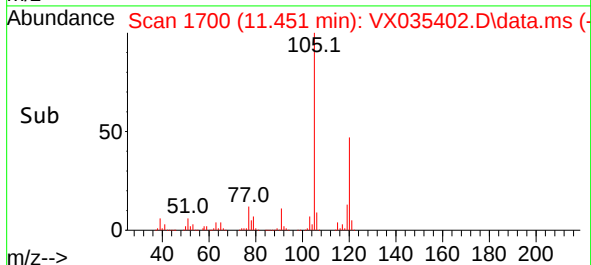
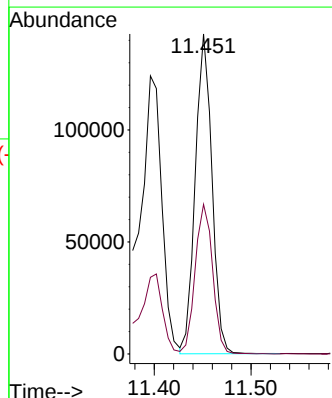
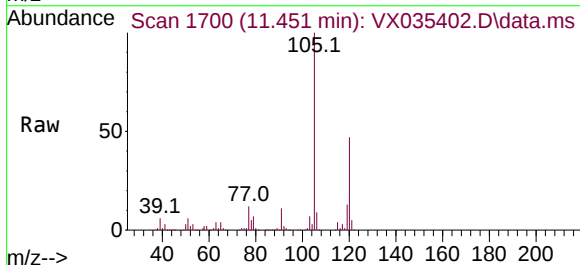
Acq: 28 Apr 2023 19:35

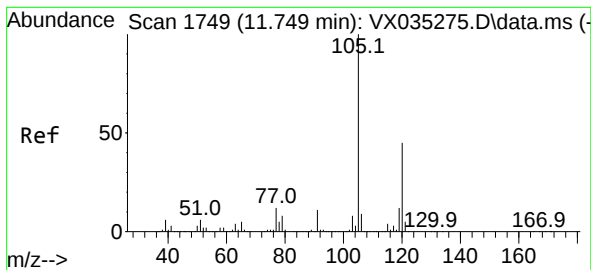
Tgt Ion: 105 Resp: 170882

Ion Ratio Lower Upper

105 100

120 49.2 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 52.795 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035402.D

Acq: 28 Apr 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

Tgt Ion:105 Resp: 582230

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.0

