

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078543.D
 Acq On : 17 Jul 2023 15:14
 Operator : JC\MD
 Sample : 03632-07 10XMEDL
 Misc : 7.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)MEDL

Quant Time: Jul 18 04:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

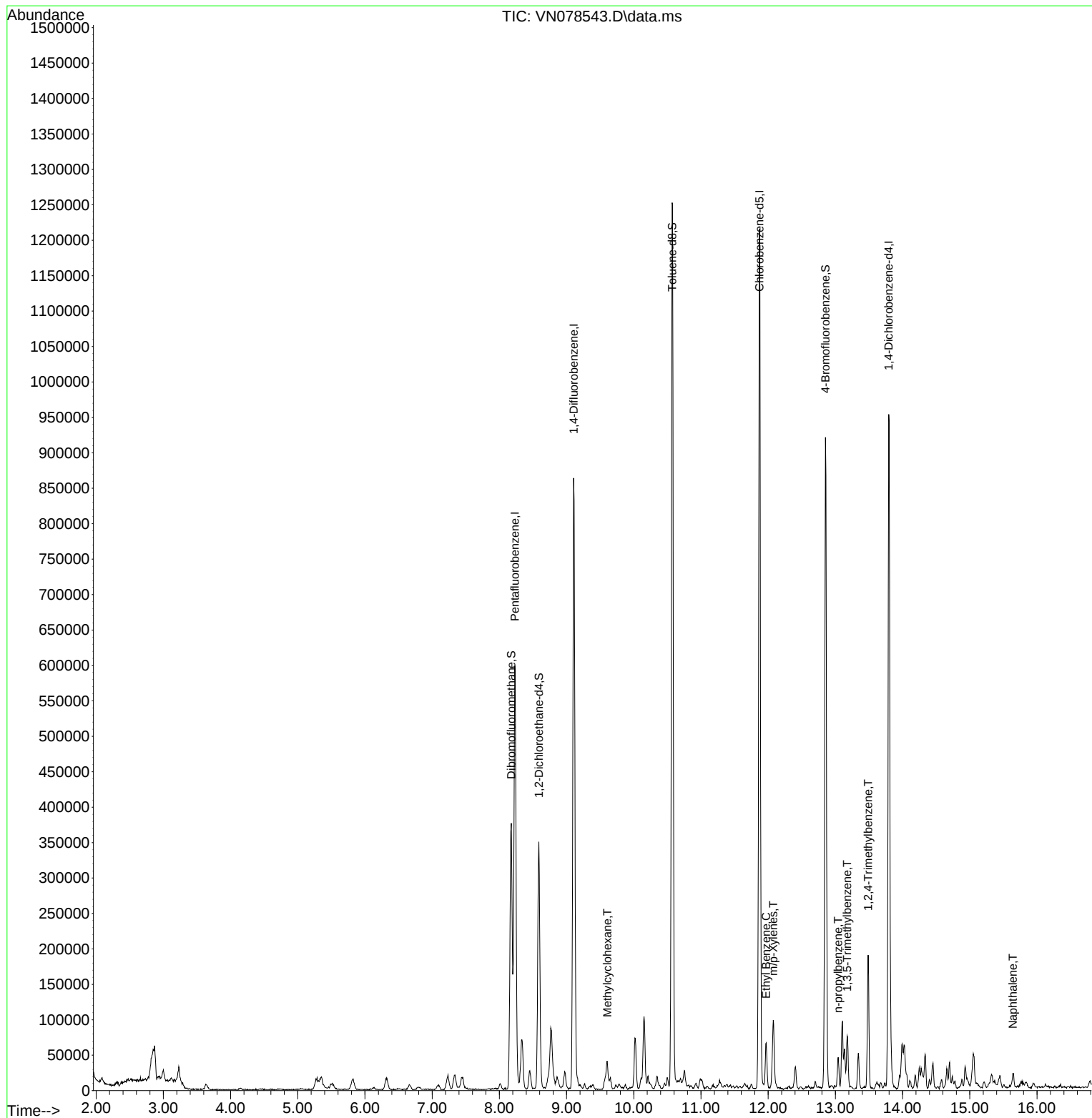
Internal Standards						
1) Pentafluorobenzene	8.230	168	423833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	759028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	725906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	264600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275376	48.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.940%
35) Dibromofluoromethane	8.177	113	273393	53.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	10.571	98	905182	46.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.853	95	322376	53.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.540%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	10821	1.593	ug/l #	84
67) Ethyl Benzene	11.971	91	43420	1.583	ug/l	94
68) m/p-Xylenes	12.076	106	29097	2.869	ug/l	92
78) n-propylbenzene	13.041	91	34247	1.288	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	36249	1.845	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	103692	5.434	ug/l	97
95) Naphthalene	15.641	128	17054	1.646	ug/l #	88

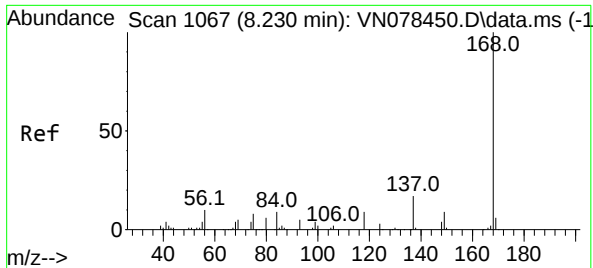
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10-(9-11)MEDL

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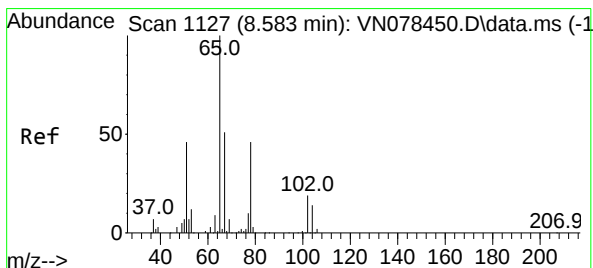
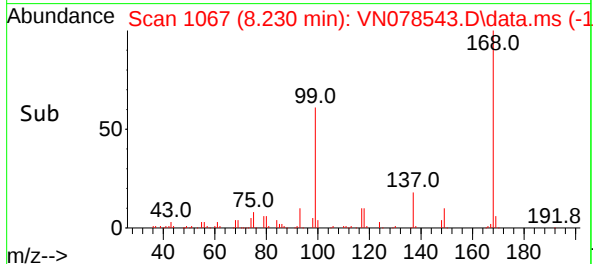
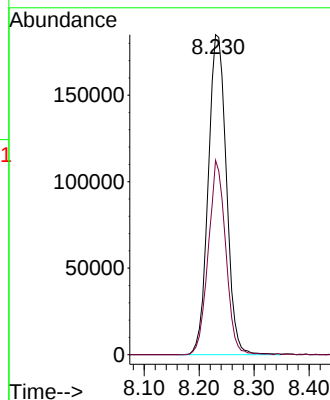
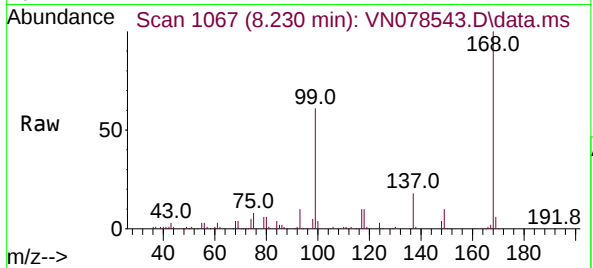




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078543.D
Acq: 17 Jul 2023 15:14

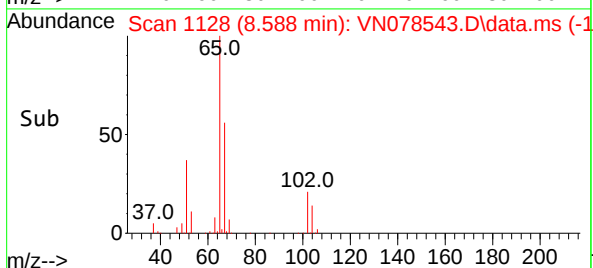
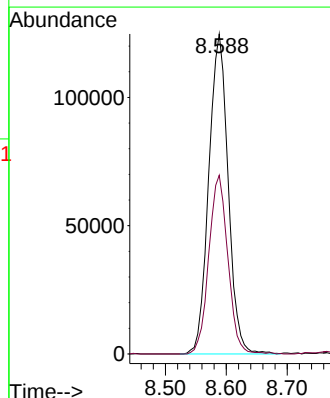
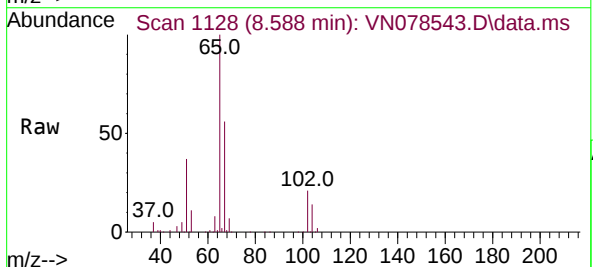
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)MEDL

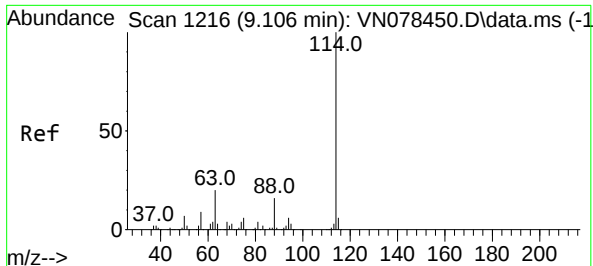
Tgt Ion:168 Resp: 423833
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.465 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078543.D
Acq: 17 Jul 2023 15:14

Tgt Ion: 65 Resp: 275376
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)MEDL

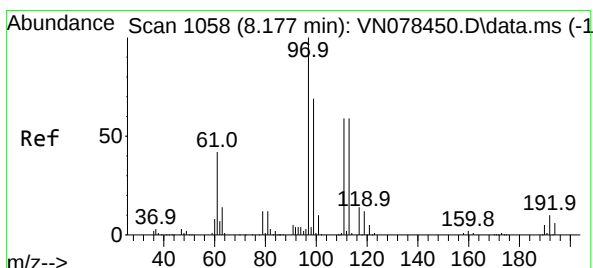
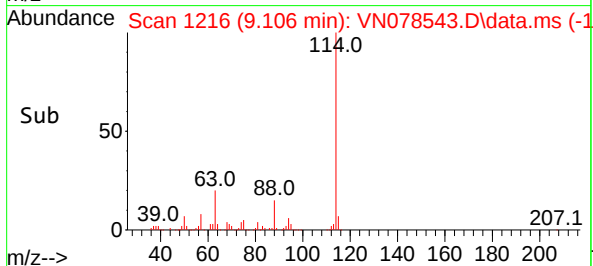
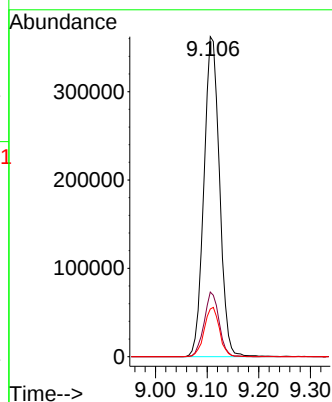
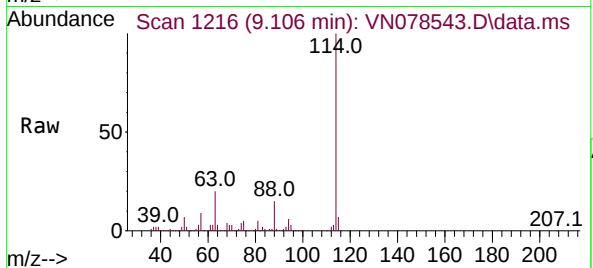
Tgt Ion:114 Resp: 759028

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.060 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

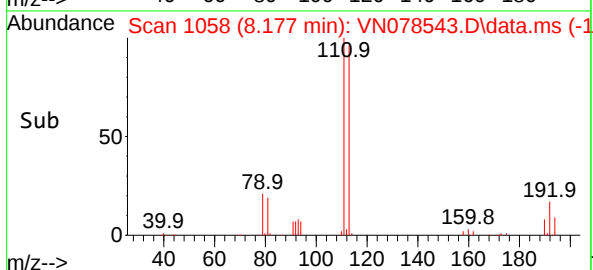
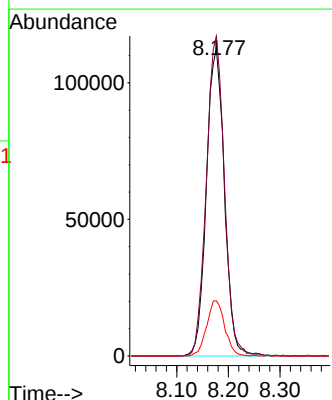
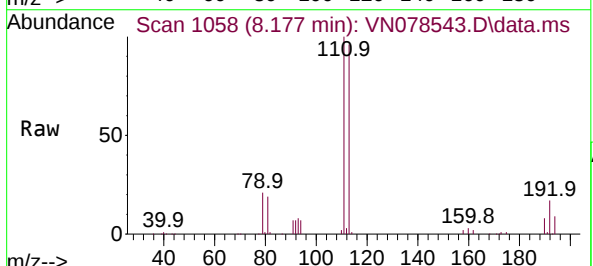
Tgt Ion:113 Resp: 273393

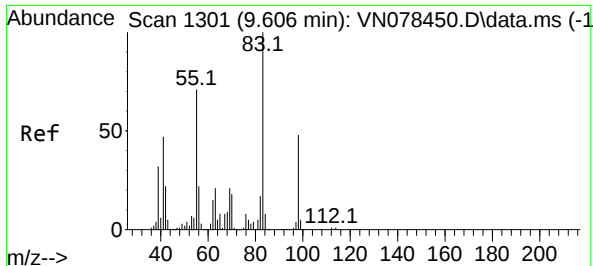
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 18.0 12.7 19.1





#39

Methylcyclohexane

Concen: 1.593 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)MEDL

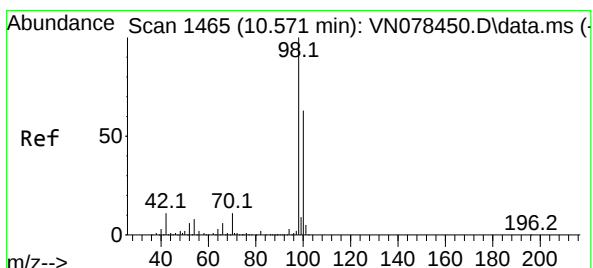
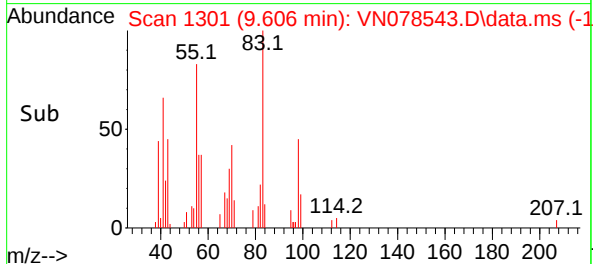
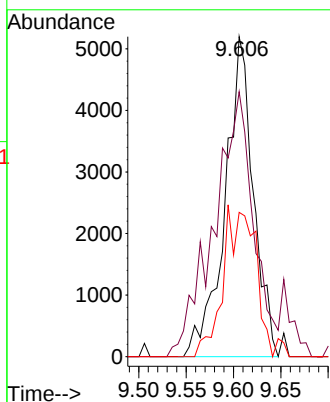
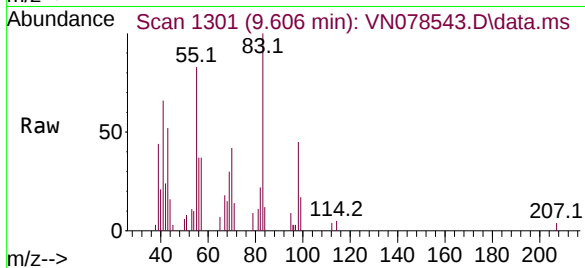
Tgt Ion: 83 Resp: 10821

Ion Ratio Lower Upper

83 100

55 78.9 49.1 73.7#

98 45.1 40.6 61.0



#50

Toluene-d8

Concen: 46.504 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078543.D

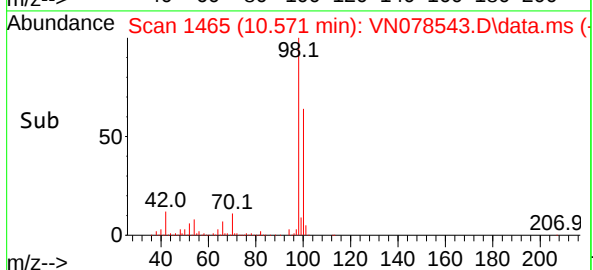
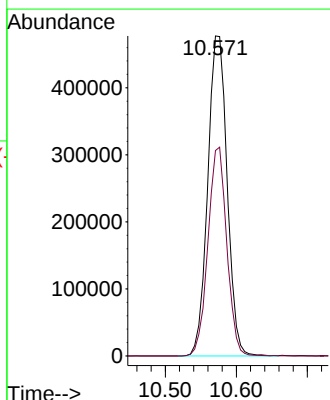
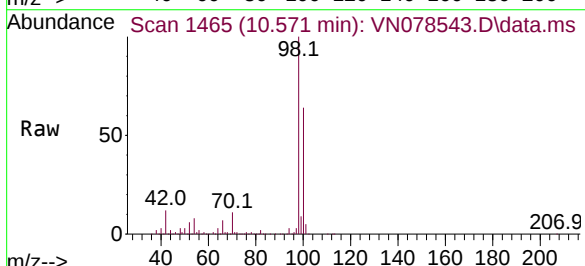
Acq: 17 Jul 2023 15:14

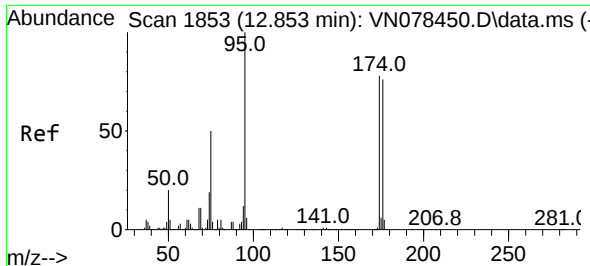
Tgt Ion: 98 Resp: 905182

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

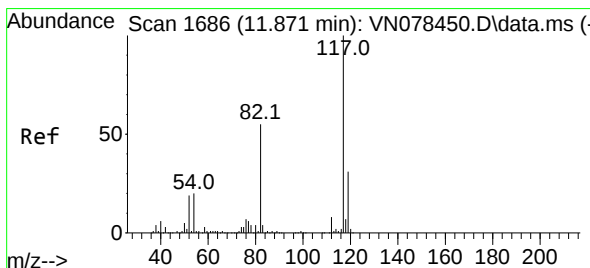
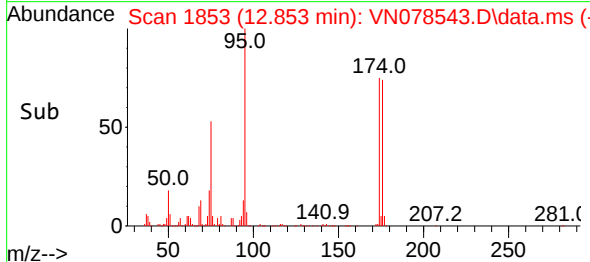
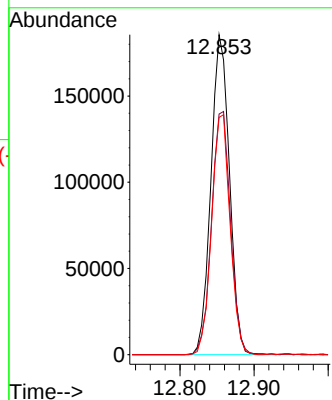
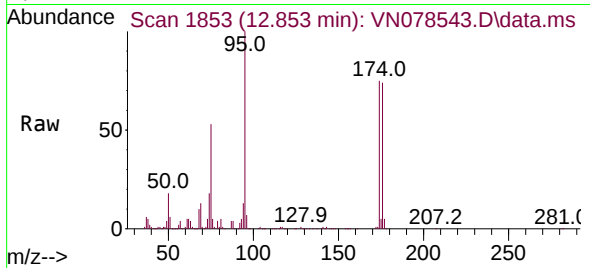




#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078543.D
Acq: 17 Jul 2023 15:14

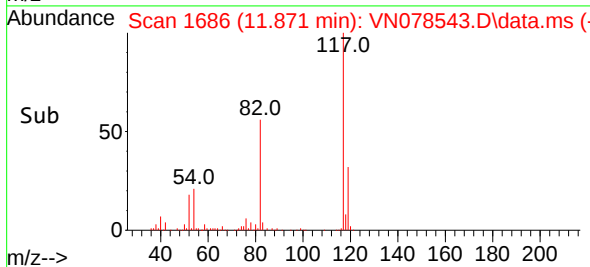
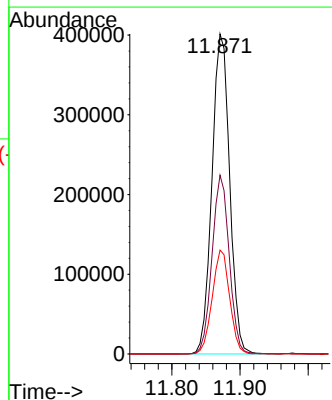
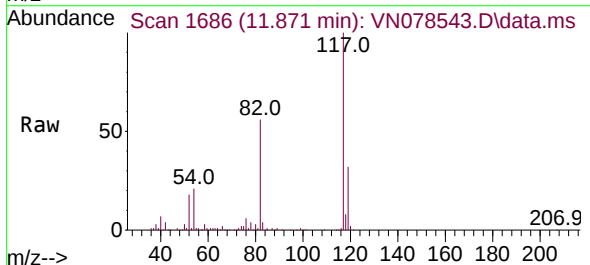
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)MEDL

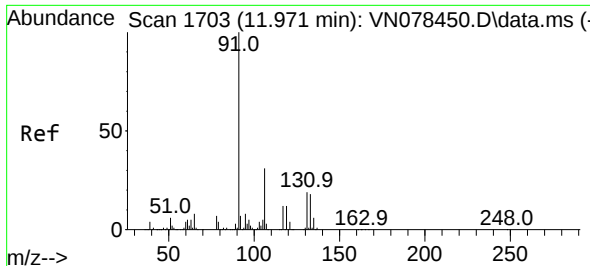
Tgt Ion: 95 Resp: 322376
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078543.D
Acq: 17 Jul 2023 15:14

Tgt Ion: 117 Resp: 725906
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 1.583 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

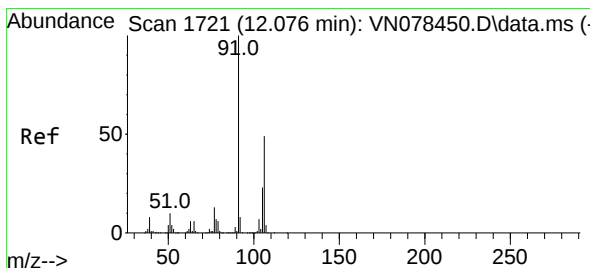
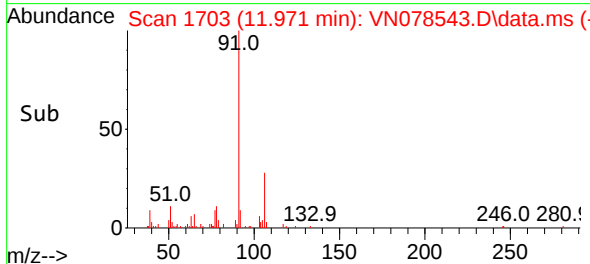
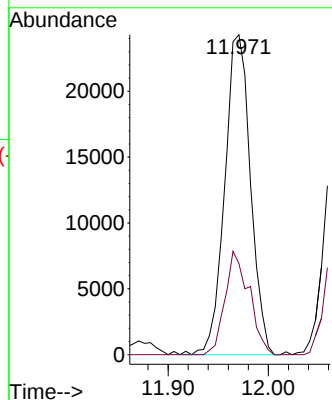
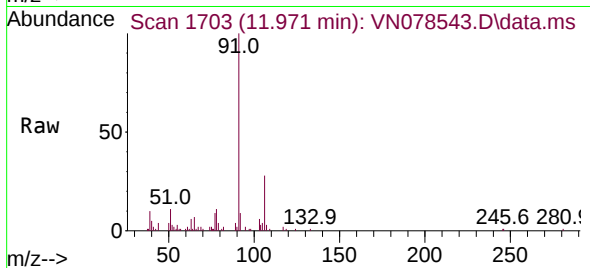
SB-10-(9-11)MEDL

Tgt Ion: 91 Resp: 43420

Ion Ratio Lower Upper

91 100

106 28.5 25.6 38.4



#68

m/p-Xylenes

Concen: 2.869 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078543.D

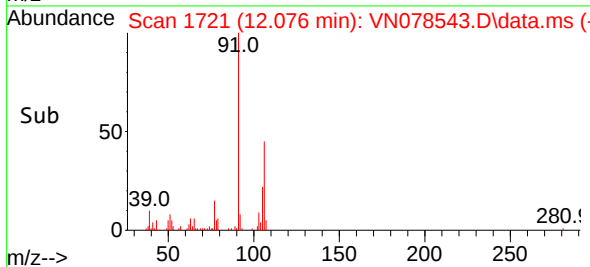
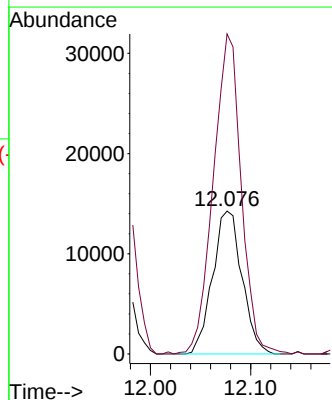
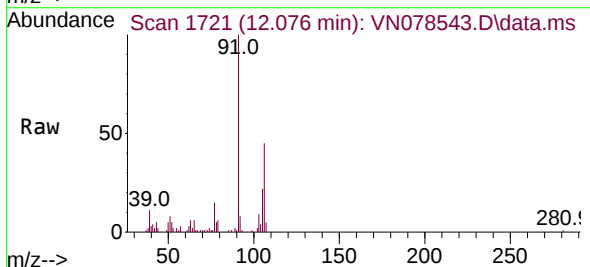
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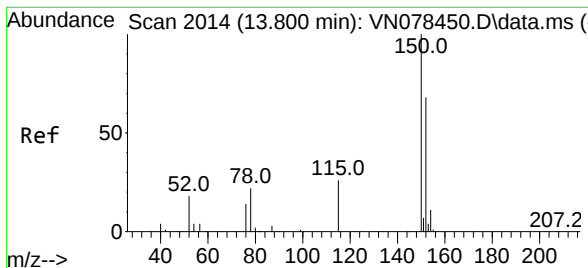
Tgt Ion: 106 Resp: 29097

Ion Ratio Lower Upper

106 100

91 212.4 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2014

Delta R.T. -0.006 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)MEDL

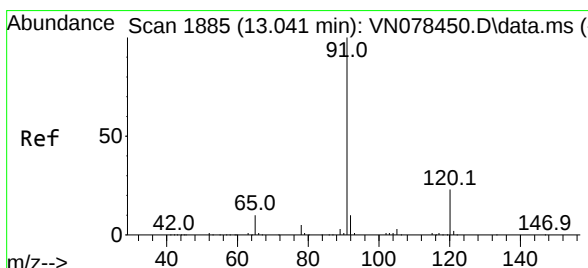
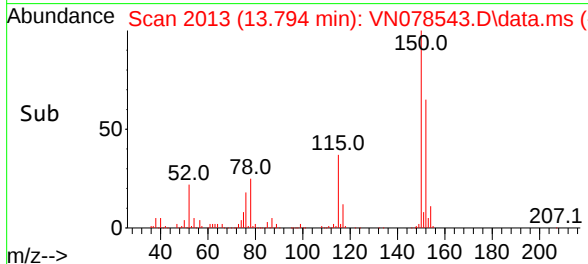
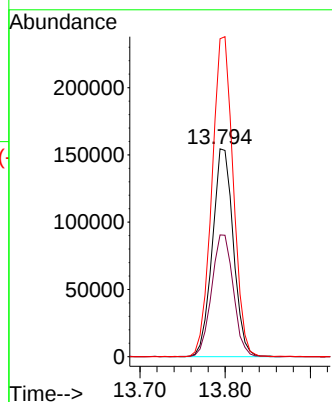
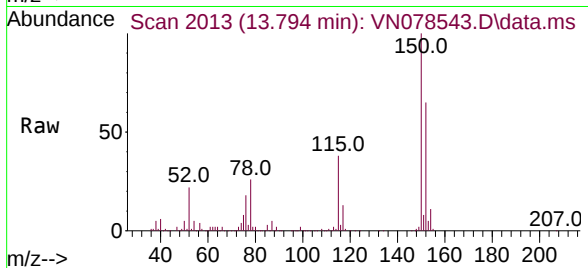
Tgt Ion:152 Resp: 264600

Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 155.9 0.0 355.8



#78

n-propylbenzene

Concen: 1.288 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078543.D

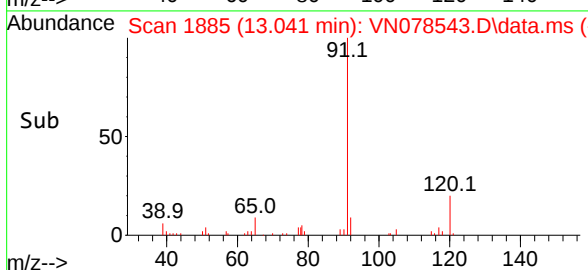
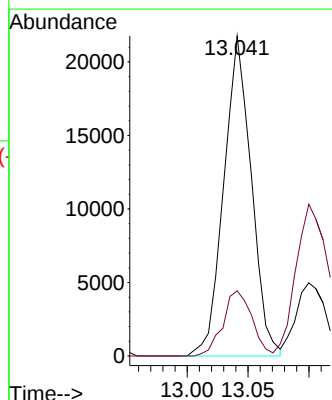
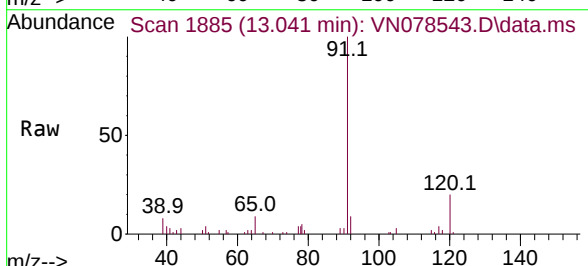
Acq: 17 Jul 2023 15:14

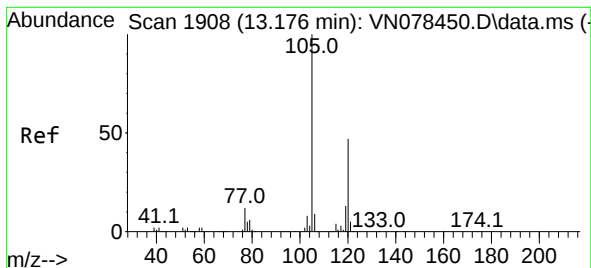
Tgt Ion: 91 Resp: 34247

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.845 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078543.D

Acq: 17 Jul 2023 15:14

Instrument :

MSVOA_N

ClientSampleId :

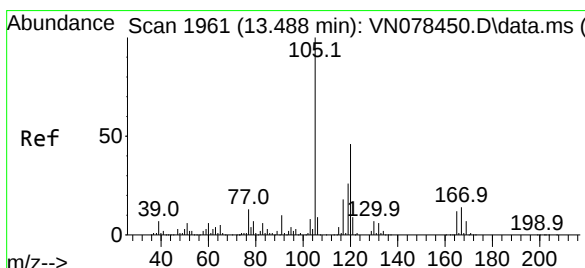
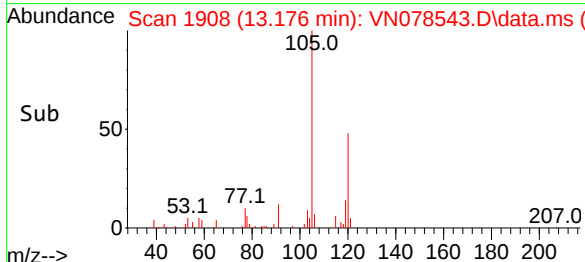
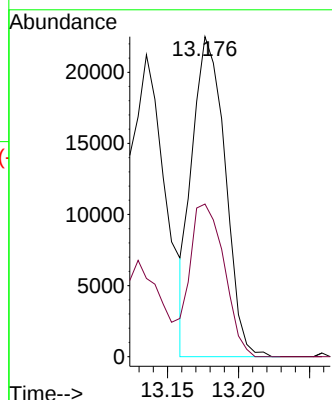
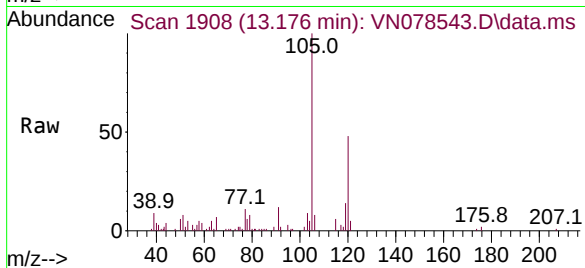
SB-10-(9-11)MEDL

Tgt Ion:105 Resp: 36249

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.434 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078543.D

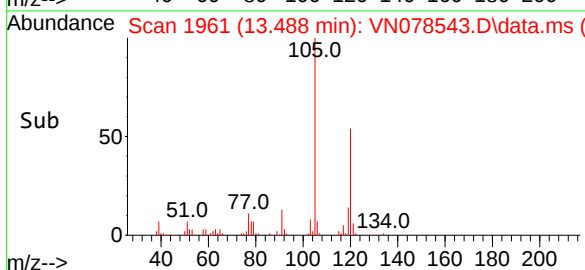
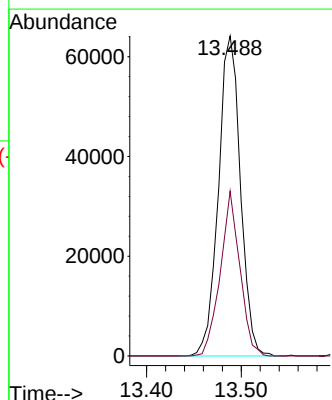
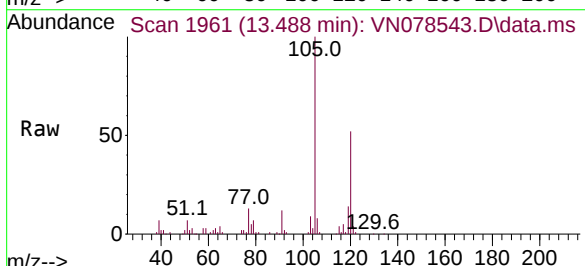
Acq: 17 Jul 2023 15:14

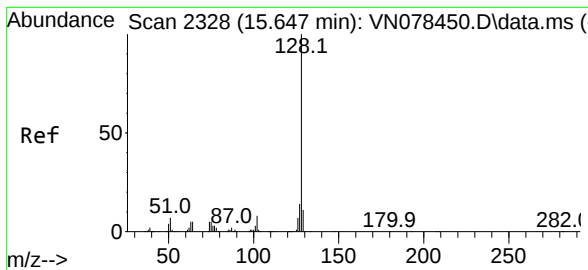
Tgt Ion:105 Resp: 103692

Ion Ratio Lower Upper

105 100

120 45.9 22.0 66.0





#95
 Naphthalene
 Concen: 1.646 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078543.D
 Acq: 17 Jul 2023 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)MEDL

Tgt Ion:	128	Resp:	17054
Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.0	15.0#
129	14.8	8.7	13.1#

