

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079506.D
 Acq On : 10 Oct 2023 20:25
 Operator : JC\MD
 Sample : 04813-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-20

Quant Time: Oct 11 06:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

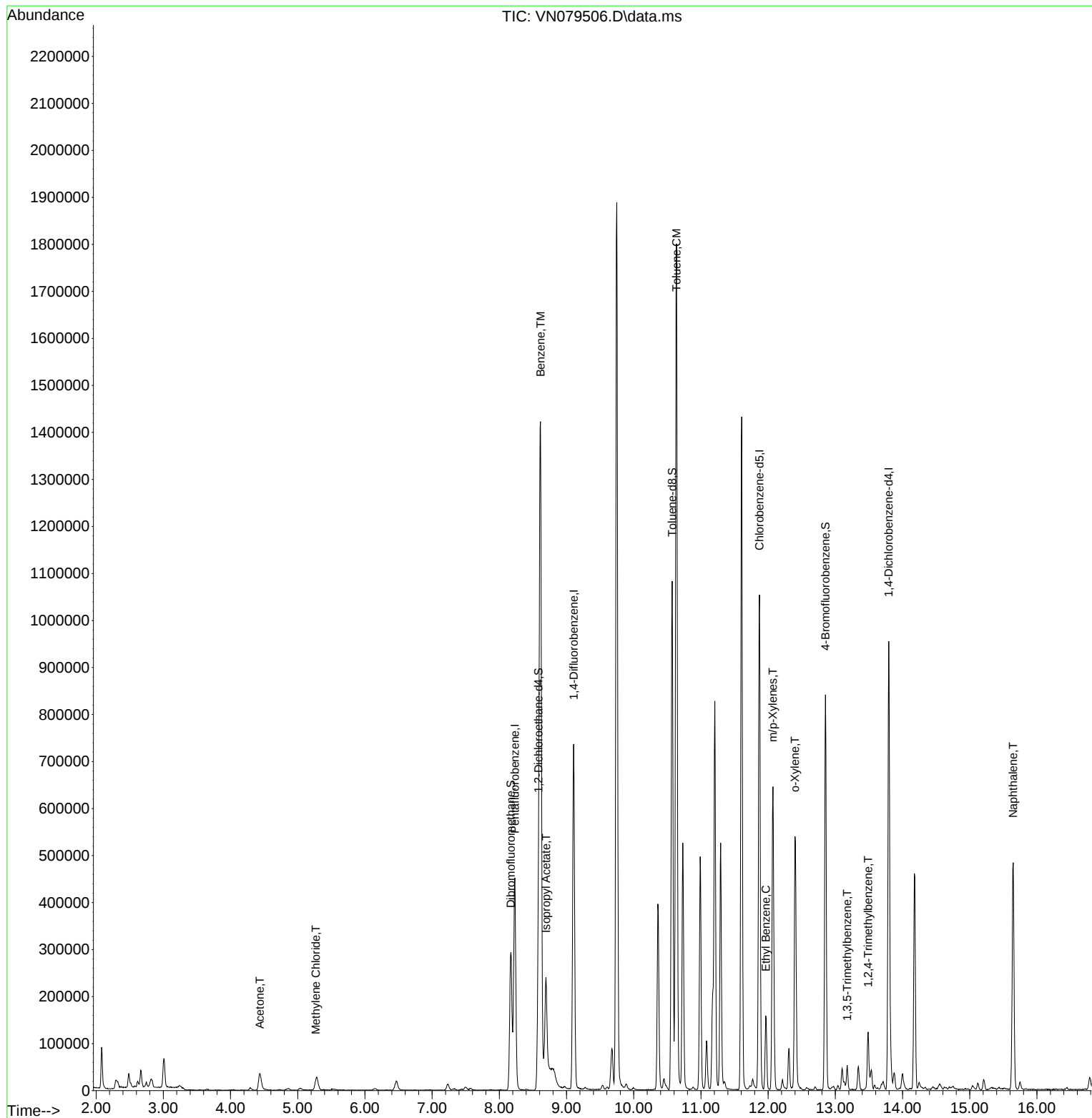
Internal Standards						
1) Pentafluorobenzene	8.230	168	315669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241238	47.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.260%		
35) Dibromofluoromethane	8.171	113	214758	48.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.140%		
50) Toluene-d8	10.571	98	739097	45.720	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.440%		
62) 4-Bromofluorobenzene	12.853	95	276451	53.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.580%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	69847	34.406	ug/l	90
20) Methylene Chloride	5.271	84	21518	4.290	ug/l #	87
40) Benzene	8.612	78	1409327	70.771	ug/l	100
43) Isopropyl Acetate	8.694	43	308773	26.415	ug/l #	73
52) Toluene	10.635	92	785396	67.001	ug/l	98
67) Ethyl Benzene	11.965	91	102313	4.359	ug/l	96
68) m/p-Xylenes	12.071	106	201059	23.574	ug/l	96
69) o-Xylene	12.400	106	131651	15.696	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	25074	1.393	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	72177	4.201	ug/l	97
95) Naphthalene	15.647	128	435478	53.164	ug/l	99

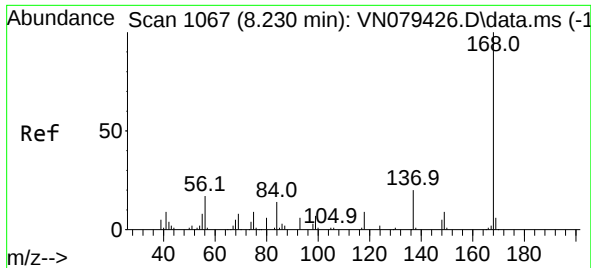
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
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Quant Time: Oct 11 06:24:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

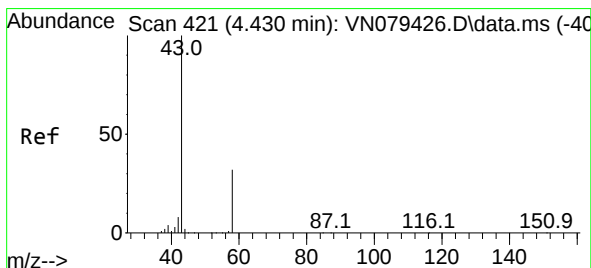
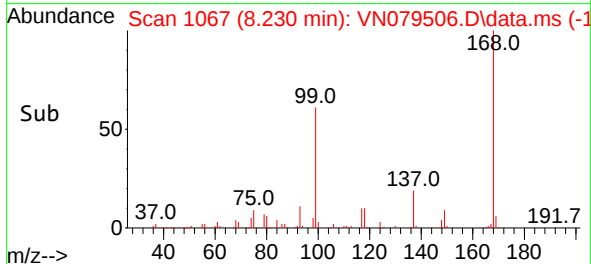
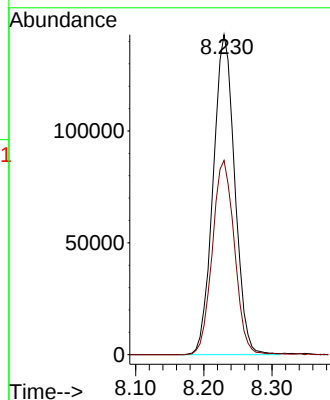
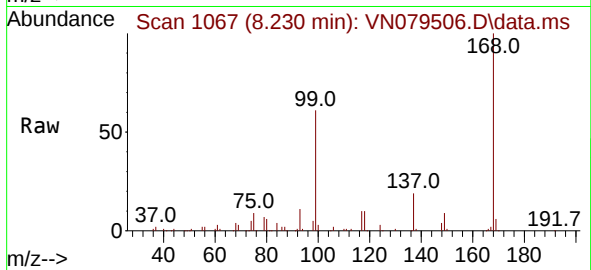




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

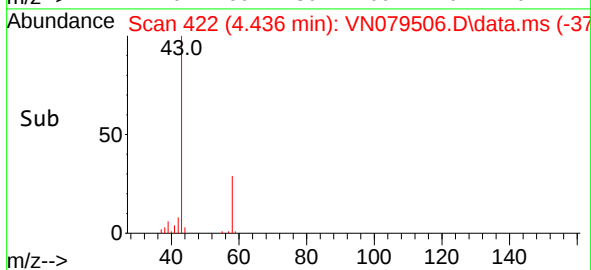
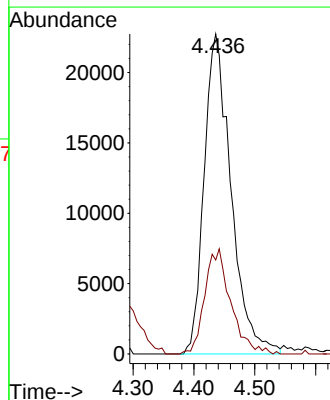
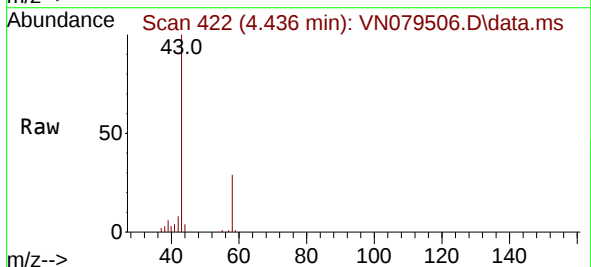
Instrument :
MSVOA_N
ClientSampleId :
SB-20

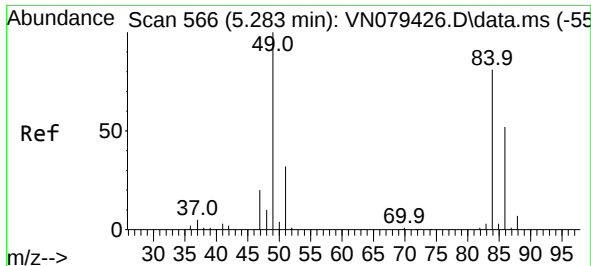
Tgt Ion:168 Resp: 315669
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#16
Acetone
Concen: 34.406 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 43 Resp: 69847
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

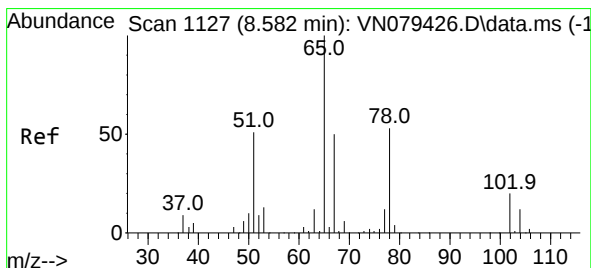
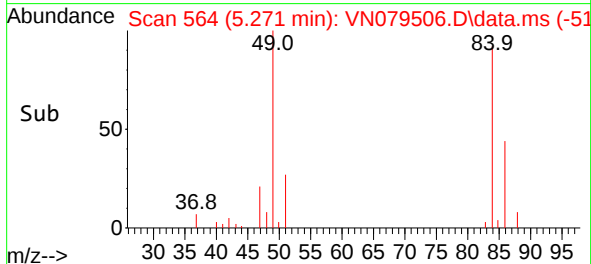
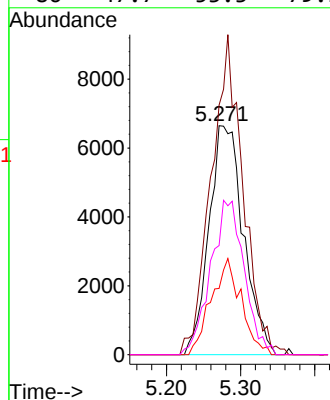
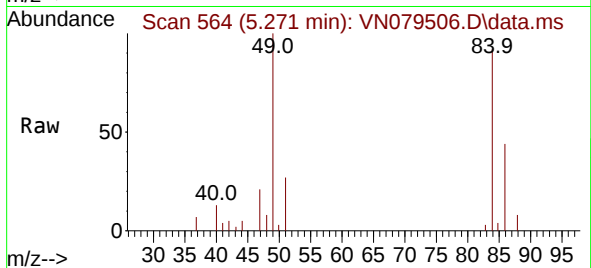




#20
Methylene Chloride
Concen: 4.290 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

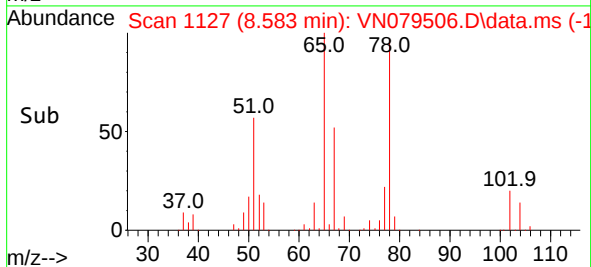
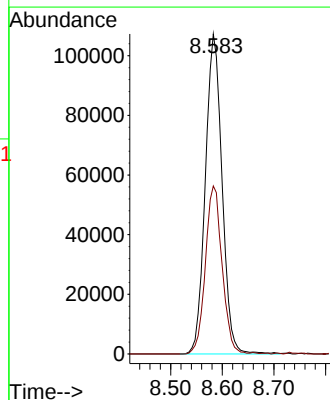
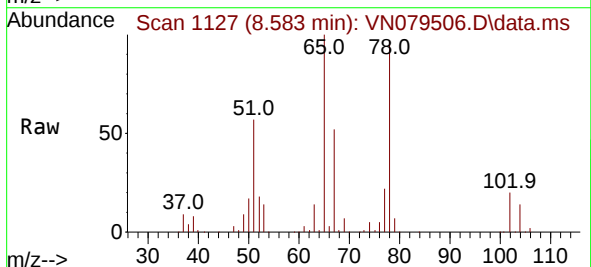
Instrument :
MSVOA_N
ClientSampleId :
SB-20

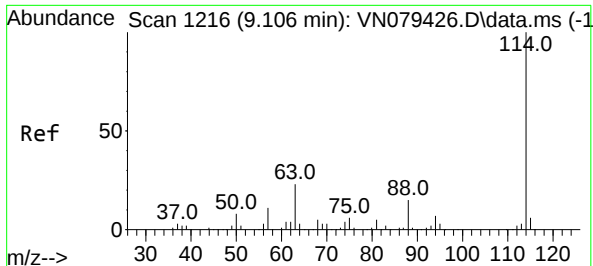
Tgt Ion:	84	Resp:	21518
Ion	Ratio	Lower	Upper
84	100		
49	109.0	79.7	119.5
51	28.9	25.2	37.8
86	47.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 47.132 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion:	65	Resp:	241238
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

SB-20

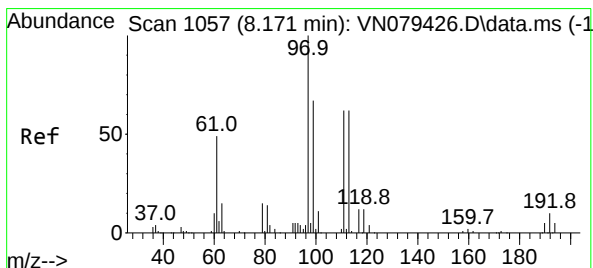
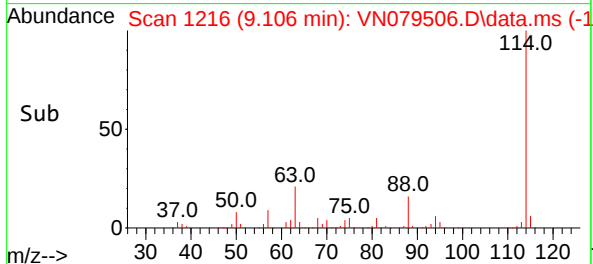
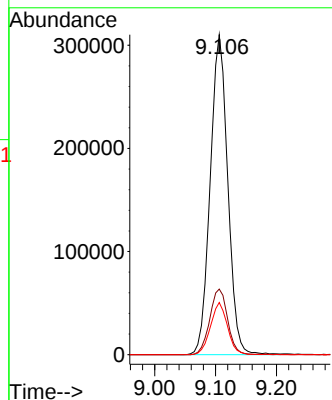
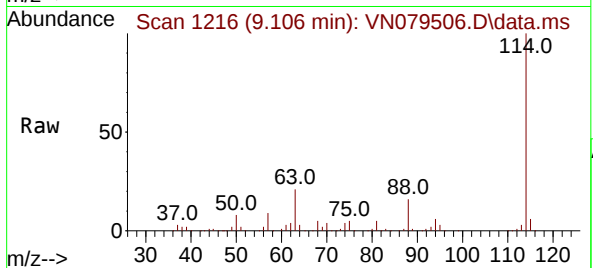
Tgt Ion:114 Resp: 621696

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.069 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

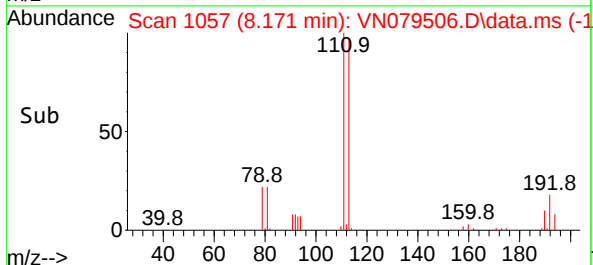
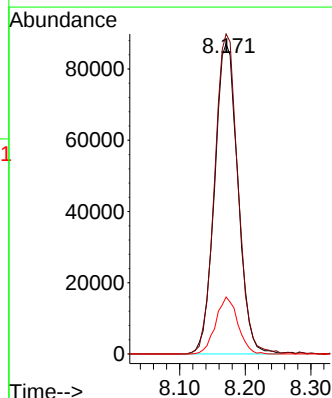
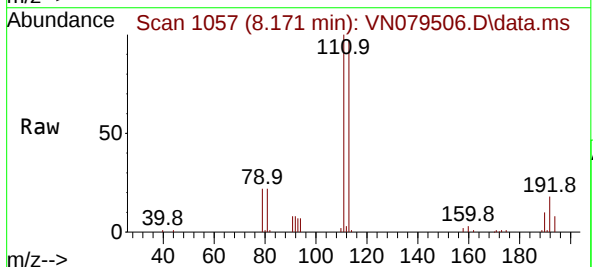
Tgt Ion:113 Resp: 214758

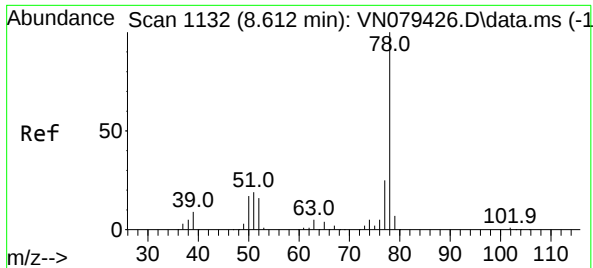
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.4 12.7 19.1

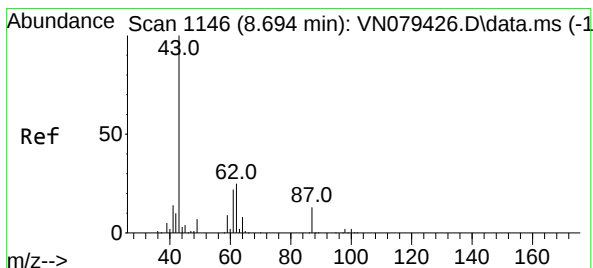
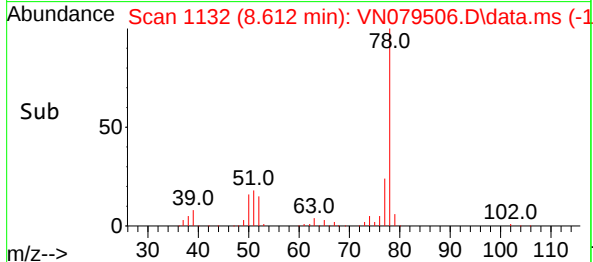
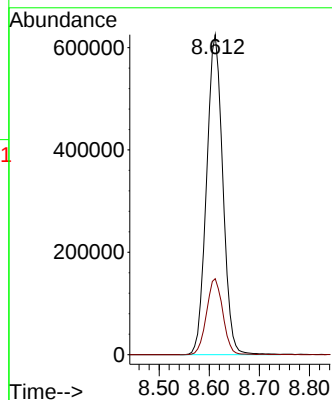
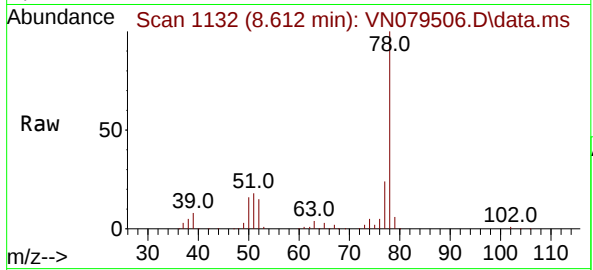




#40
Benzene
Concen: 70.771 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

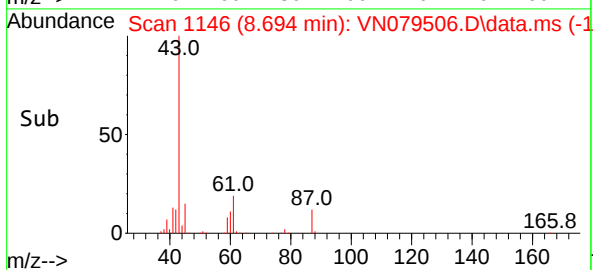
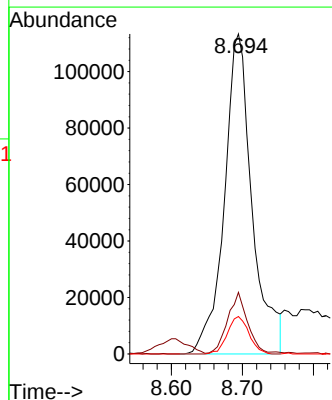
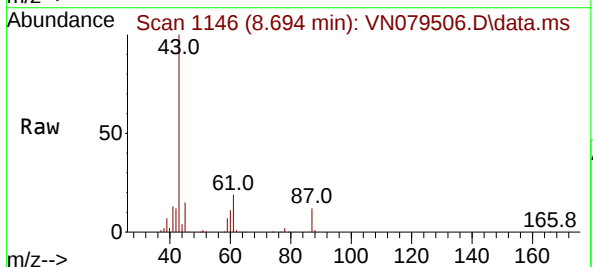
Instrument :
MSVOA_N
ClientSampleId :
SB-20

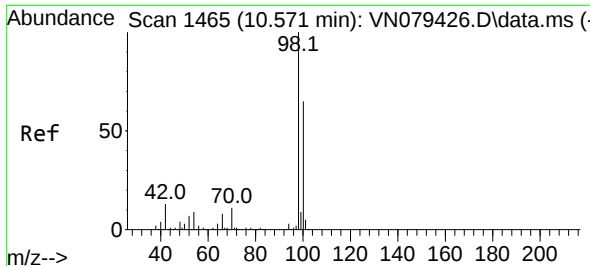
Tgt Ion: 78 Resp: 1409327
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#43
Isopropyl Acetate
Concen: 26.415 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 43 Resp: 308773
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.0 14.6 21.8#

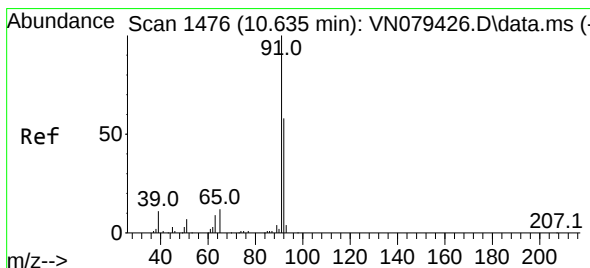
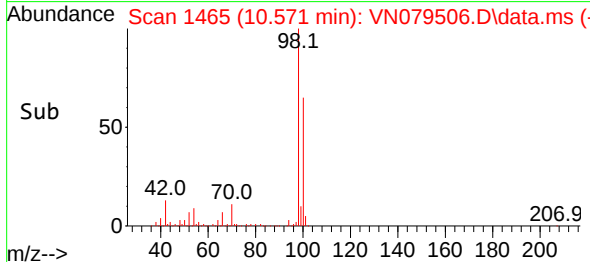
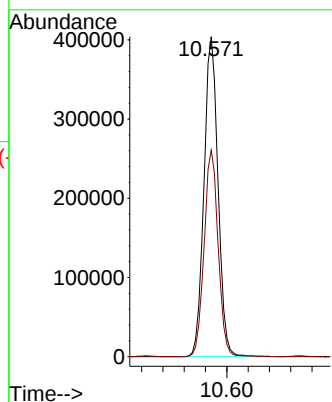
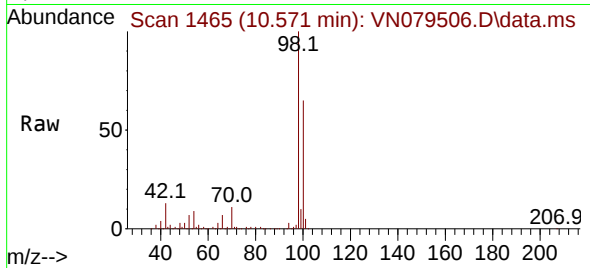




#50
Toluene-d8
Concen: 45.720 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

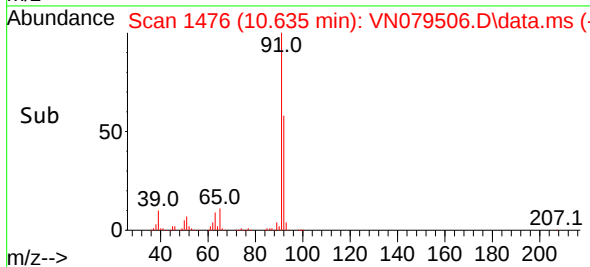
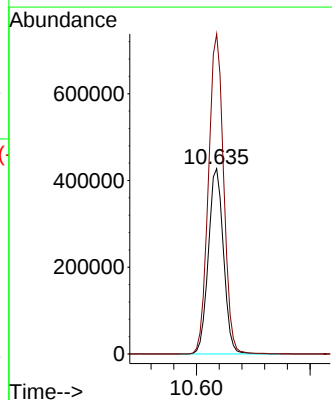
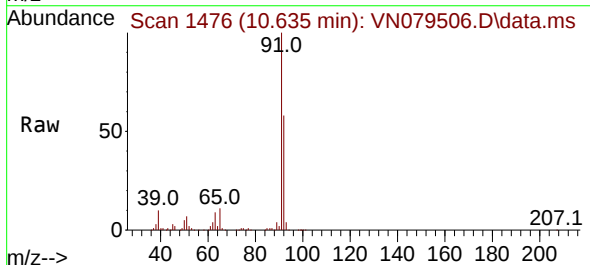
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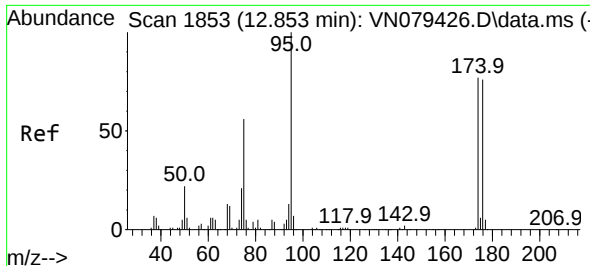
Tgt Ion: 98 Resp: 739097
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 67.001 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 92 Resp: 785396
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.0

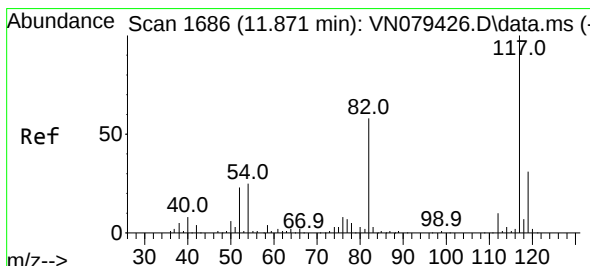
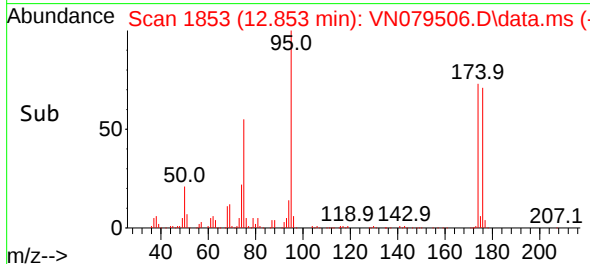
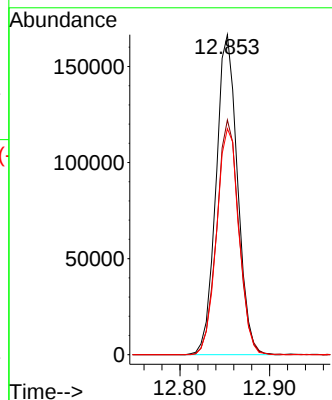
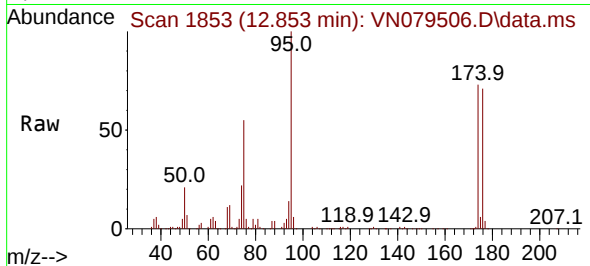




#62
4-Bromofluorobenzene
Concen: 53.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

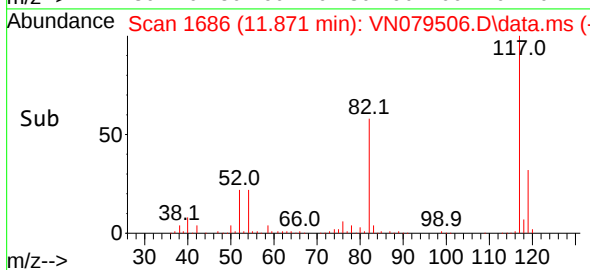
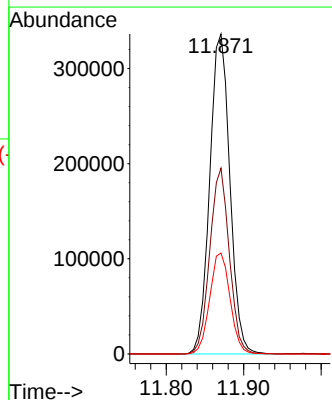
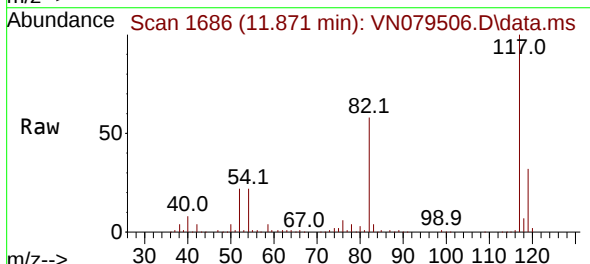
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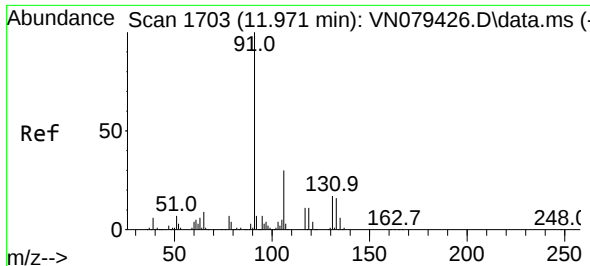
Tgt Ion: 95 Resp: 276451
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 73.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Tgt Ion: 117 Resp: 606421
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.6 25.6 38.4





#67

Ethyl Benzene

Concen: 4.359 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

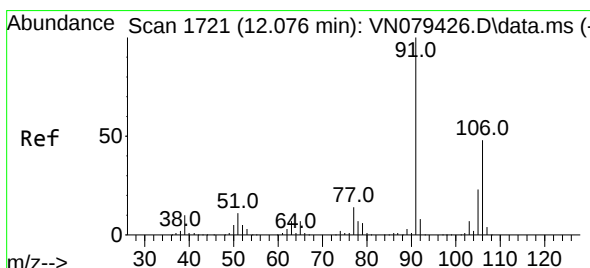
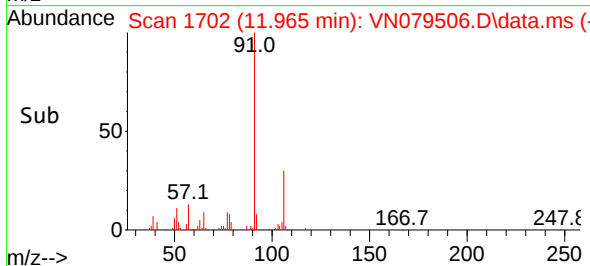
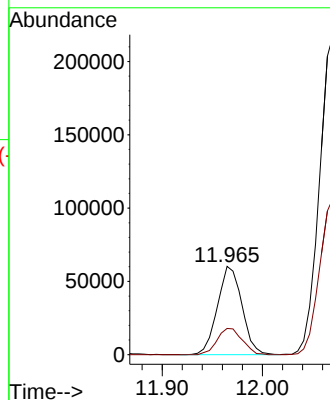
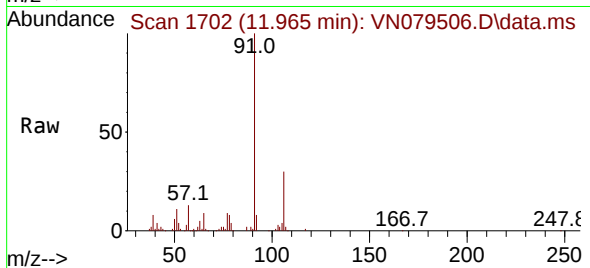
SB-20

Tgt Ion: 91 Resp: 102313

Ion Ratio Lower Upper

91 100

106 29.7 25.6 38.4



#68

m/p-Xylenes

Concen: 23.574 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN079506.D

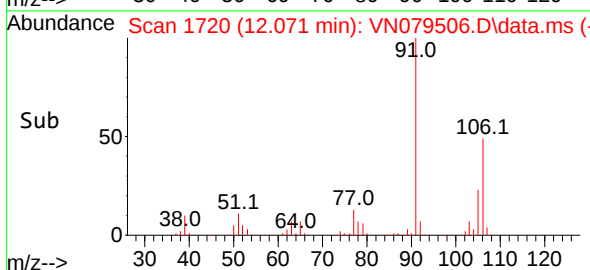
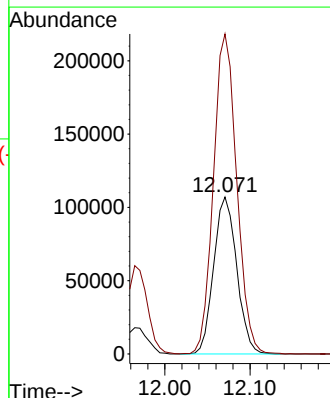
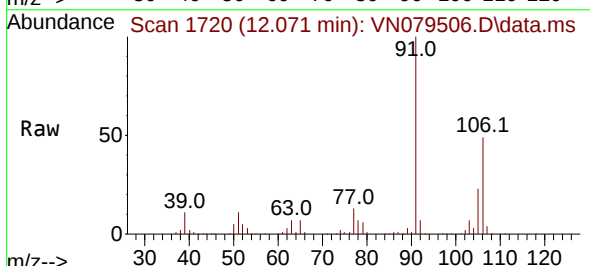
Acq: 10 Oct 2023 20:25

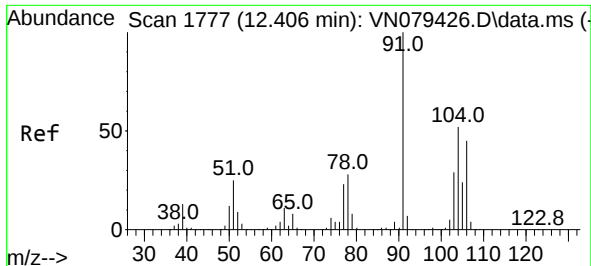
Tgt Ion: 106 Resp: 201059

Ion Ratio Lower Upper

106 100

91 205.9 159.6 239.4





#69

o-Xylene

Concen: 15.696 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

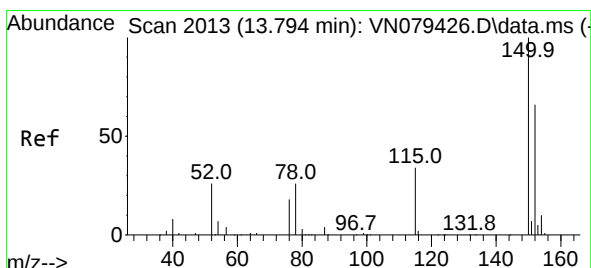
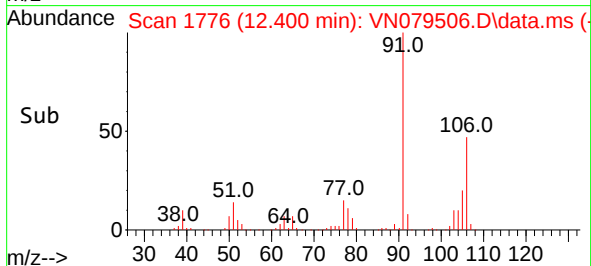
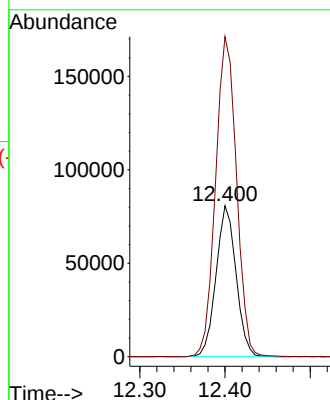
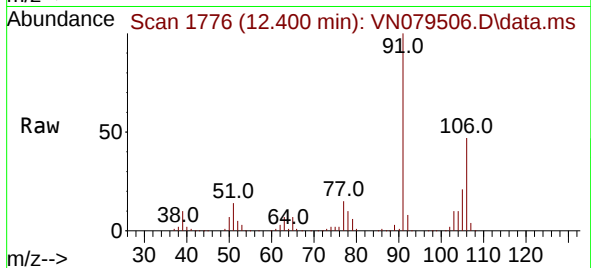
SB-20

Tgt Ion:106 Resp: 131651

Ion Ratio Lower Upper

106 100

91 222.2 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

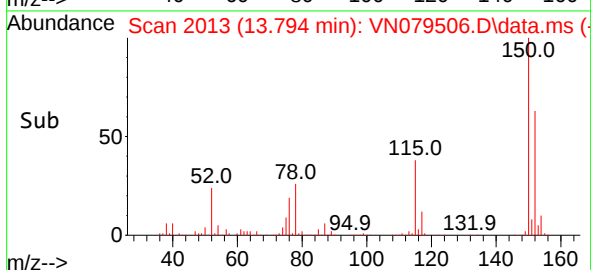
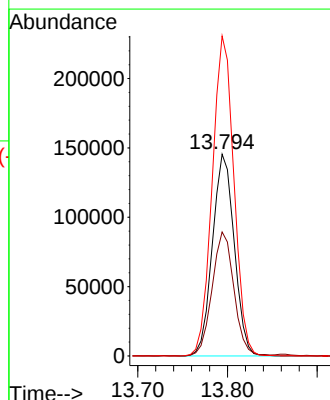
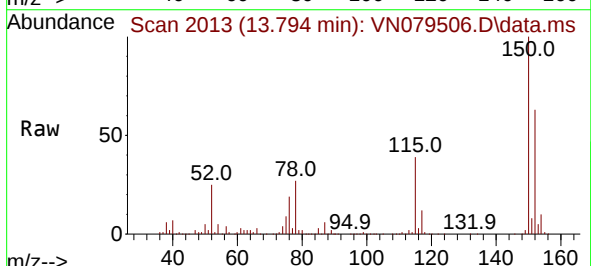
Tgt Ion:152 Resp: 245409

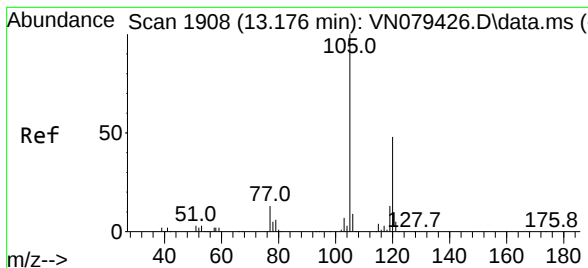
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 157.5 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.393 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079506.D

Acq: 10 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

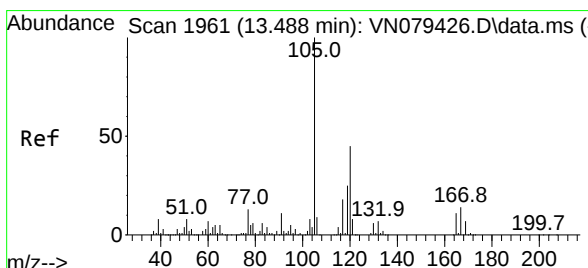
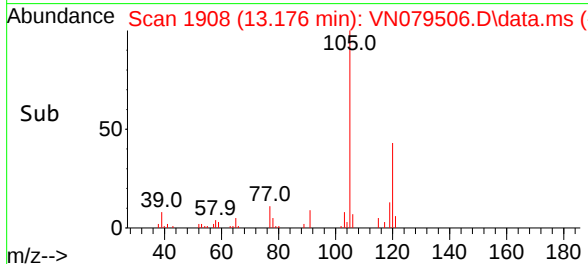
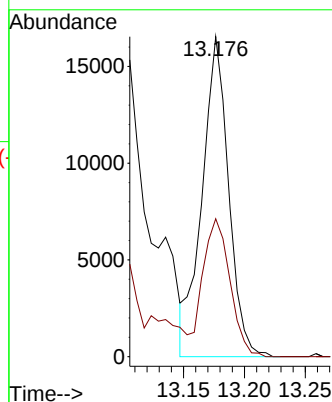
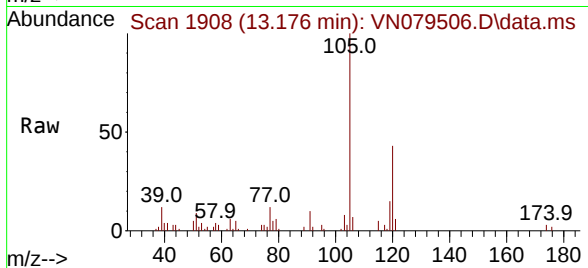
SB-20

Tgt Ion:105 Resp: 25074

Ion Ratio Lower Upper

105 100

120 44.3 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 4.201 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079506.D

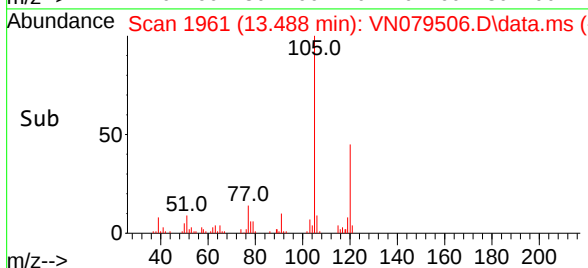
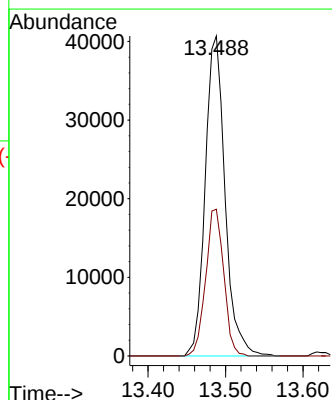
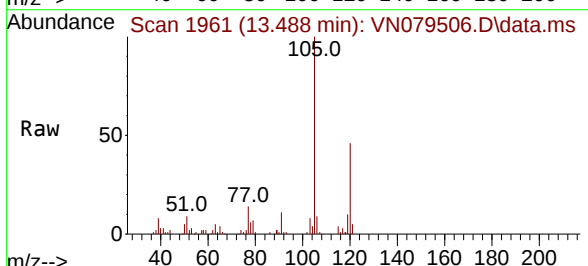
Acq: 10 Oct 2023 20:25

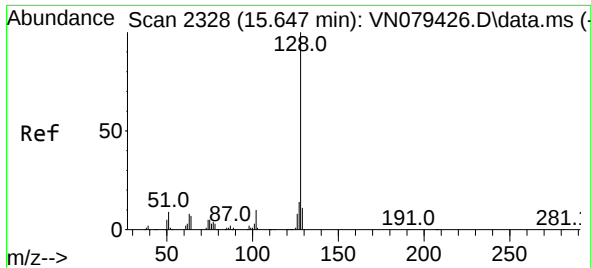
Tgt Ion:105 Resp: 72177

Ion Ratio Lower Upper

105 100

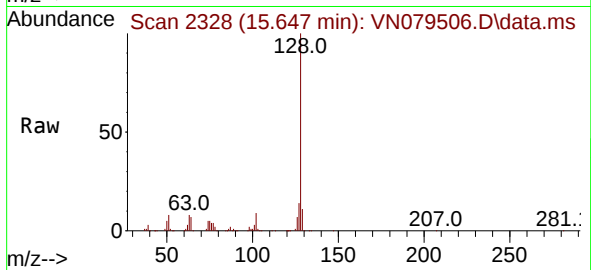
120 42.0 22.0 66.0





#95
Naphthalene
Concen: 53.164 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079506.D
Acq: 10 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
SB-20



Tgt Ion:128 Resp: 435478
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.7 8.7 13.1

