

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073292.D
 Acq On : 01 Jul 2022 13:09
 Operator : JC\MD
 Sample : N3524-05DL 50X
 Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31494DL

Quant Time: Jul 01 13:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

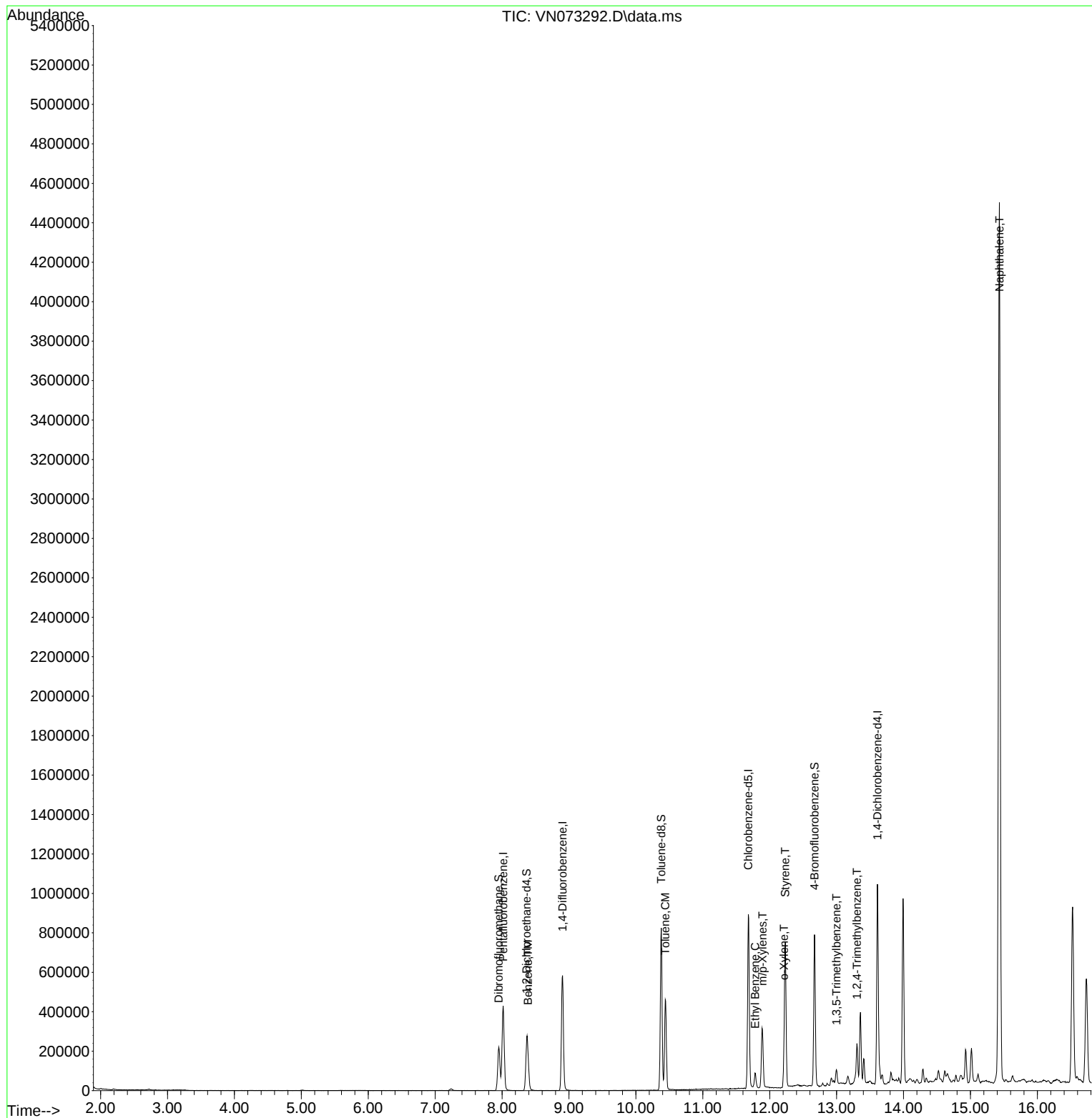
Internal Standards						
1) Pentafluorobenzene	8.016	168	320175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	506923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	262161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196490	42.511	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.020%		
35) Dibromofluoromethane	7.951	113	165207	47.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.360%		
50) Toluene-d8	10.380	98	557193	44.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.600%		
62) 4-Bromofluorobenzene	12.669	95	264076	55.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.500%		
Target Compounds					Qvalue	
40) Benzene	8.386	78	85668	5.152	ug/l	94
52) Toluene	10.439	92	199750	19.438	ug/l	100
67) Ethyl Benzene	11.780	91	51631	2.481	ug/l	91
68) m/p-Xylenes	11.892	106	96934	12.340	ug/l	97
69) o-Xylene	12.216	106	44419	5.539	ug/l	98
70) Styrene	12.233	104	333783	26.960	ug/l	92
80) 1,3,5-Trimethylbenzene	12.998	105	37098	2.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	105646	5.735	ug/l	98
95) Naphthalene	15.433	128	4006474	198.291	ug/l	99

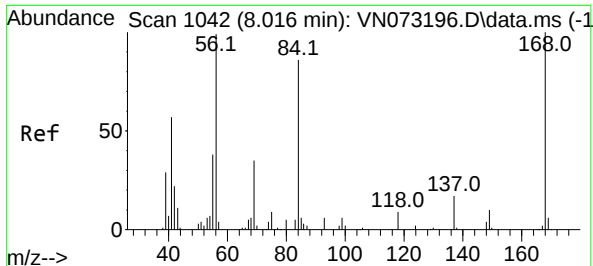
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
Data File : VN073292.D
Acq On : 01 Jul 2022 13:09
Operator : JC\MD
Sample : N3524-05DL 50X
Misc : 5.08g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31494DL

Quant Time: Jul 01 13:48:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

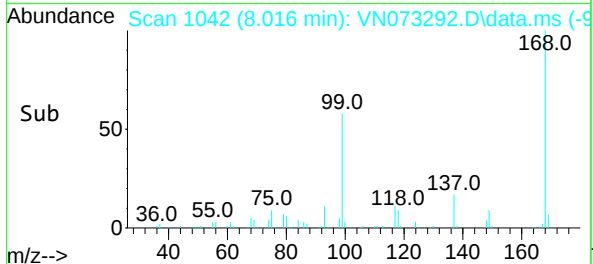
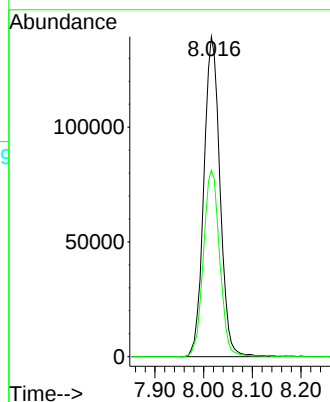
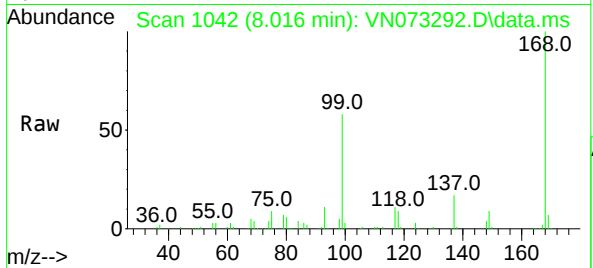




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

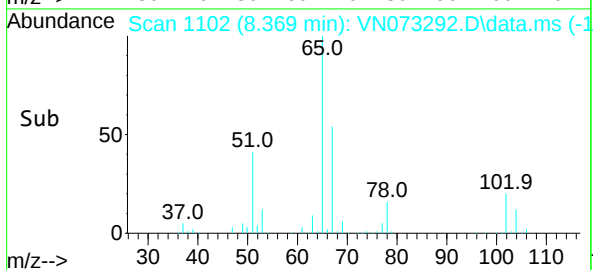
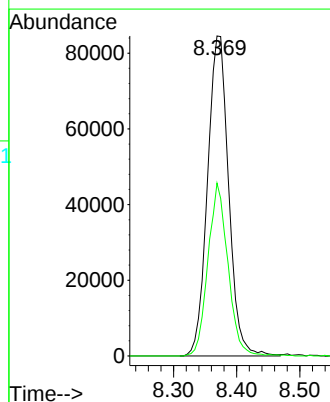
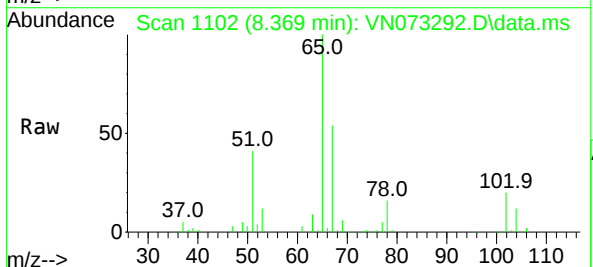
Instrument :
MSVOA_N
ClientSampleId :
31494DL

Tgt Ion:168 Resp: 320175
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.511 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

Tgt Ion: 65 Resp: 196490
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

31494DL

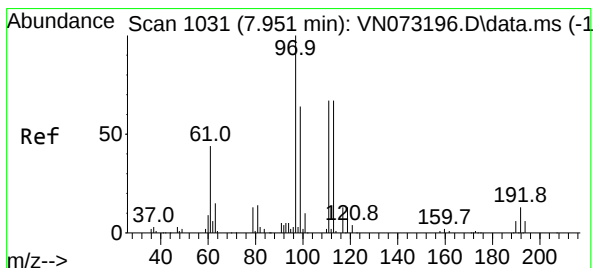
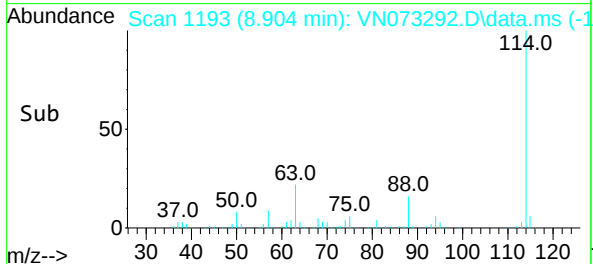
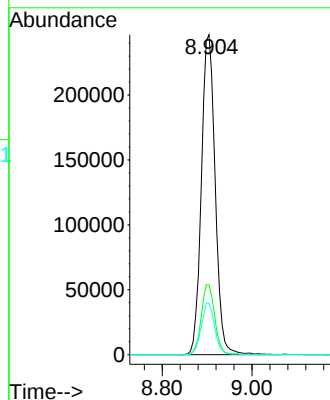
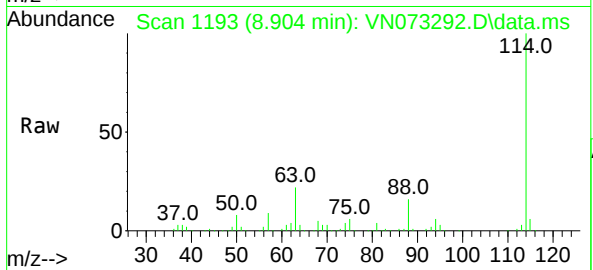
Tgt Ion:114 Resp: 526327

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.179 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

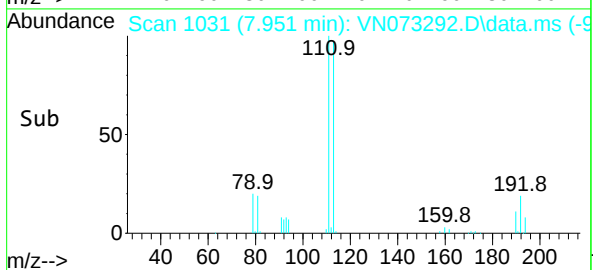
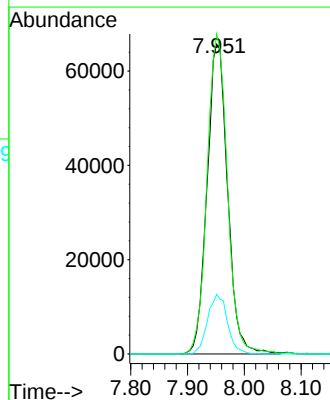
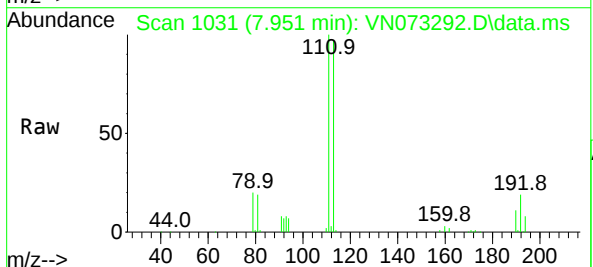
Tgt Ion:113 Resp: 165207

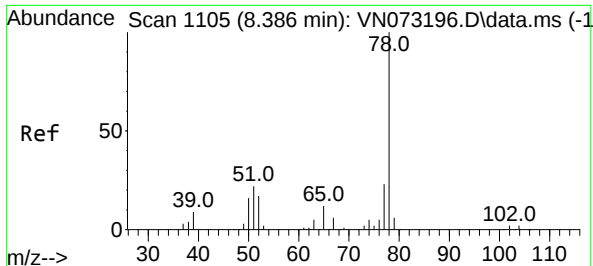
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.5 17.0 25.6

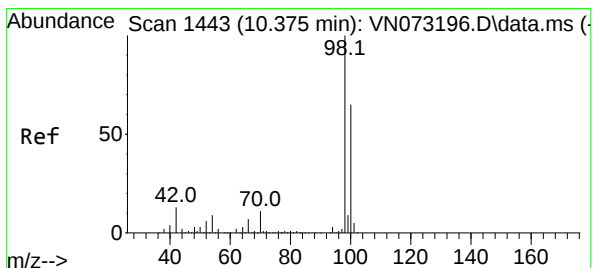
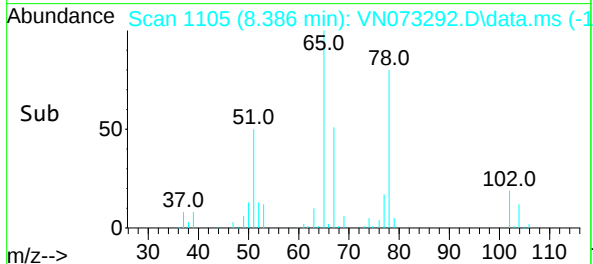
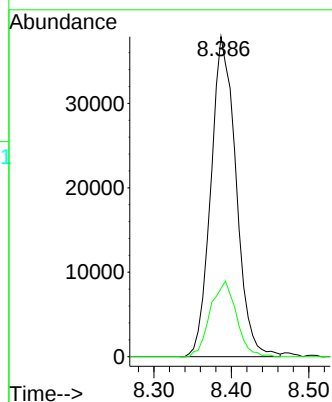
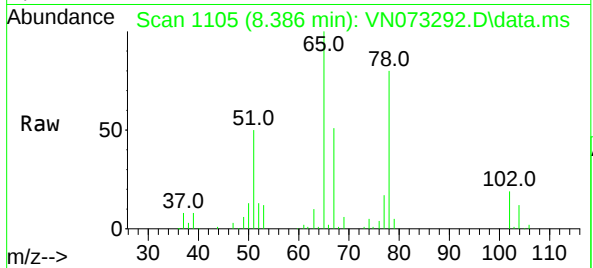




#40
Benzene
Concen: 5.152 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

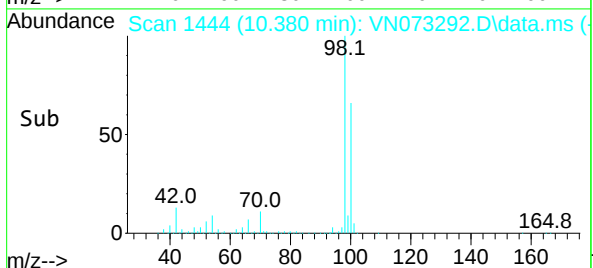
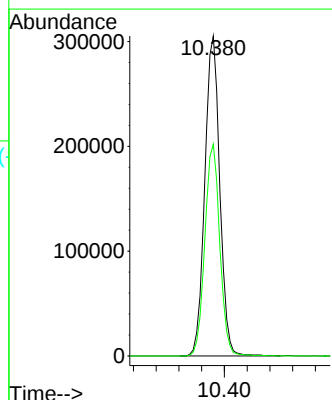
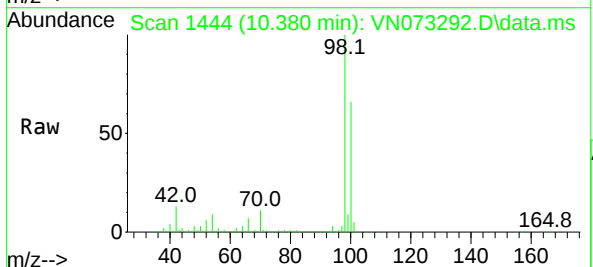
Instrument :
MSVOA_N
ClientSampleId :
31494DL

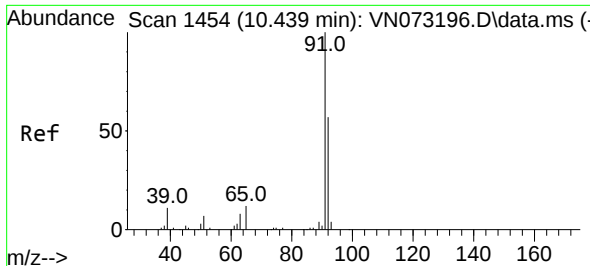
Tgt Ion: 78 Resp: 85668
Ion Ratio Lower Upper
78 100
77 21.4 19.4 29.0



#50
Toluene-d8
Concen: 44.801 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

Tgt Ion: 98 Resp: 557193
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

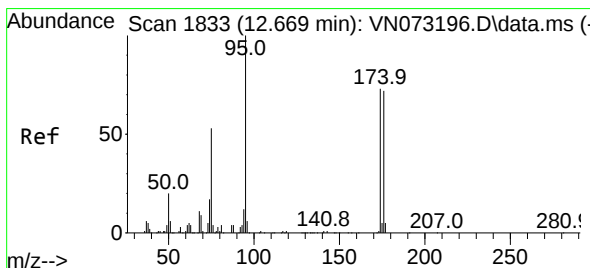
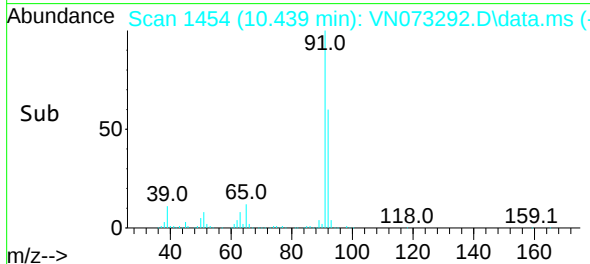
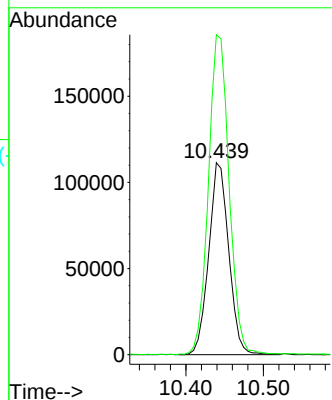
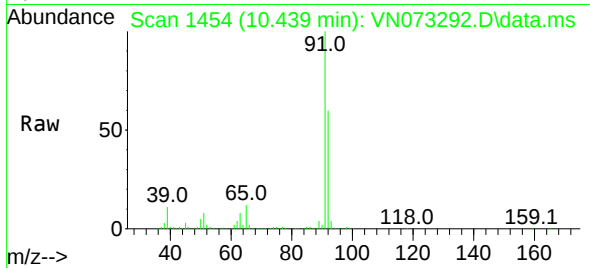




#52
Toluene
Concen: 19.438 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

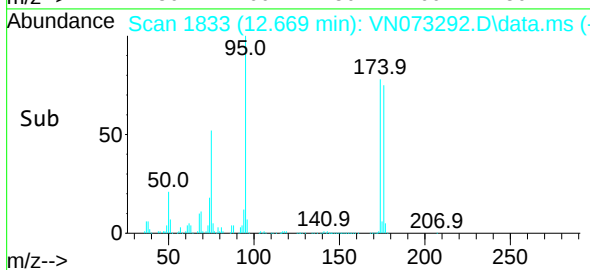
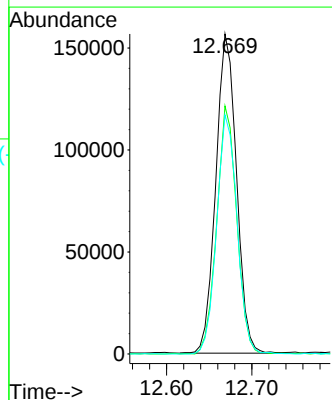
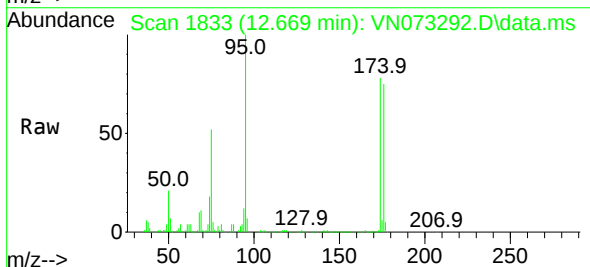
Instrument :
MSVOA_N
ClientSampleId :
31494DL

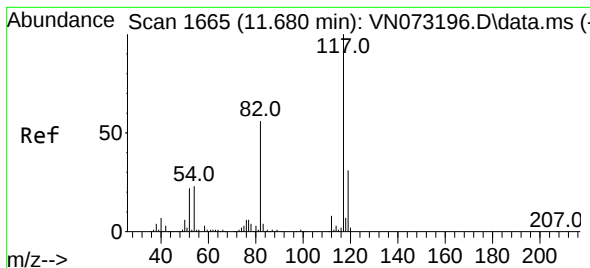
Tgt Ion: 92 Resp: 199750
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 55.252 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

Tgt Ion: 95 Resp: 264076
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 73.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

31494DL

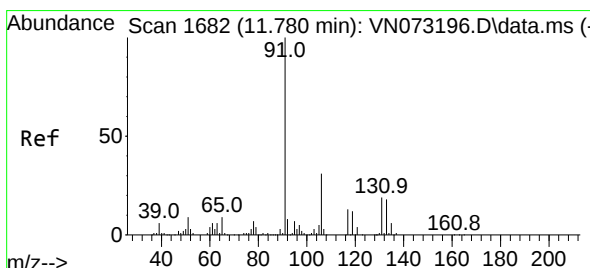
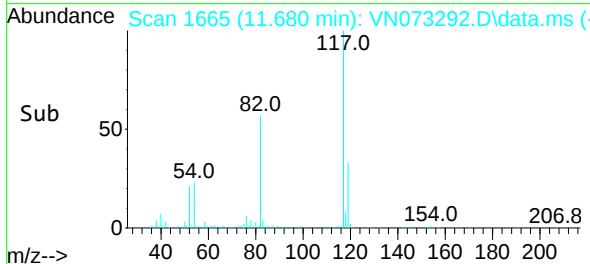
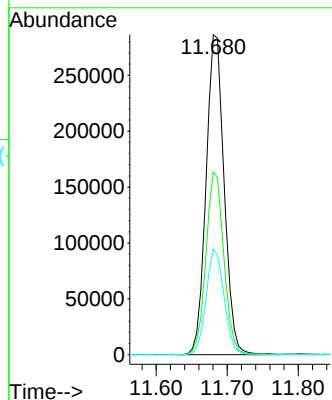
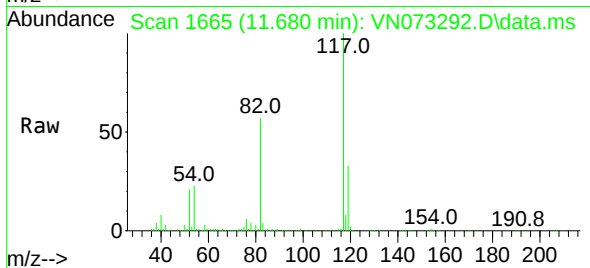
Tgt Ion:117 Resp: 506923

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 33.0 25.4 38.0



#67

Ethyl Benzene

Concen: 2.481 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073292.D

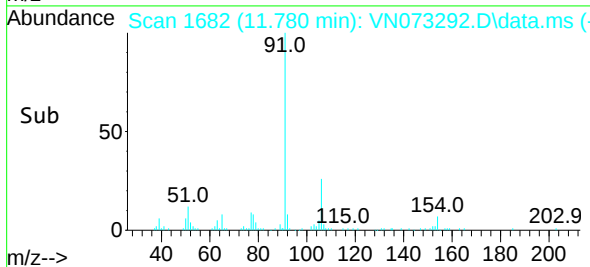
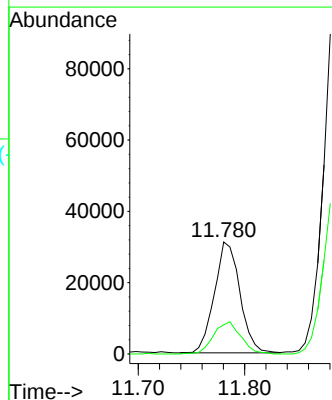
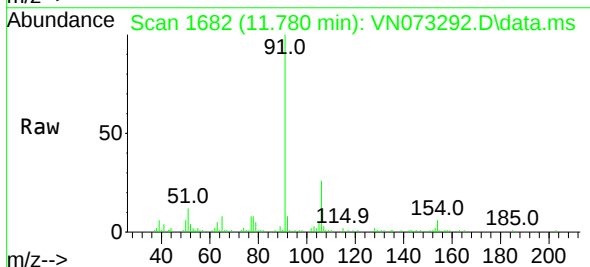
Acq: 01 Jul 2022 13:09

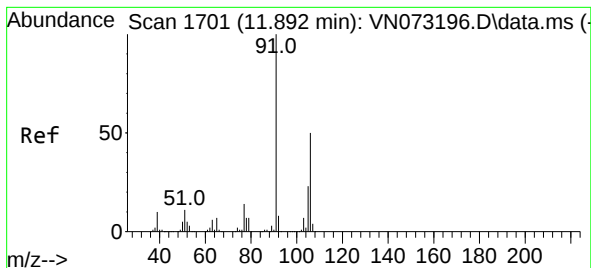
Tgt Ion: 91 Resp: 51631

Ion Ratio Lower Upper

91 100

106 26.3 24.9 37.3

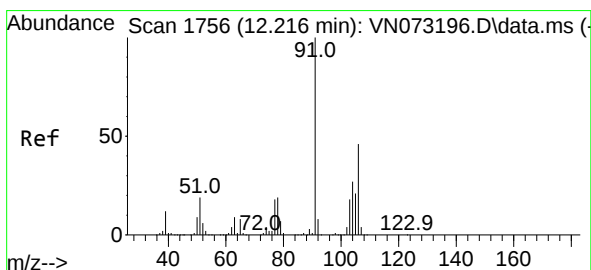
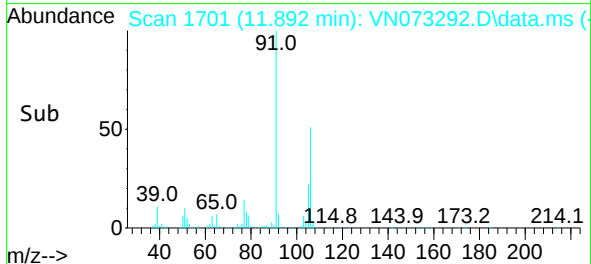
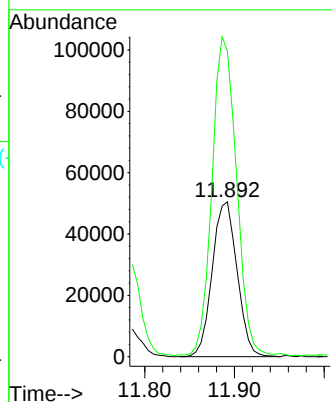
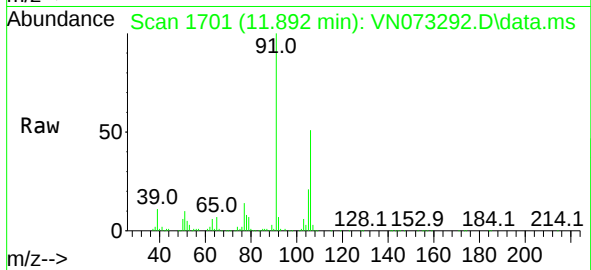




#68
m/p-Xylenes
Concen: 12.340 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

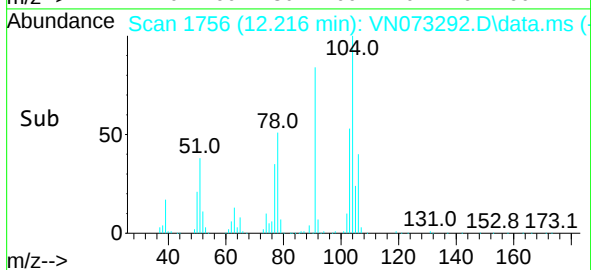
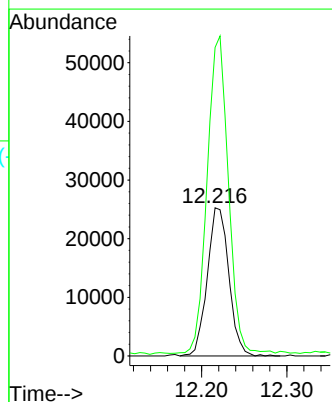
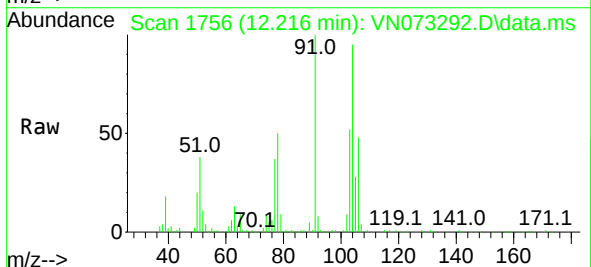
Instrument :
MSVOA_N
ClientSampleId :
31494DL

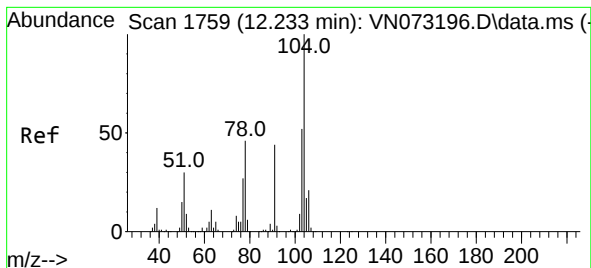
Tgt Ion:106 Resp: 96934
Ion Ratio Lower Upper
106 100
91 203.6 158.9 238.3



#69
o-Xylene
Concen: 5.539 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

Tgt Ion:106 Resp: 44419
Ion Ratio Lower Upper
106 100
91 209.4 106.0 318.0





#70

Styrene

Concen: 26.960 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

31494DL

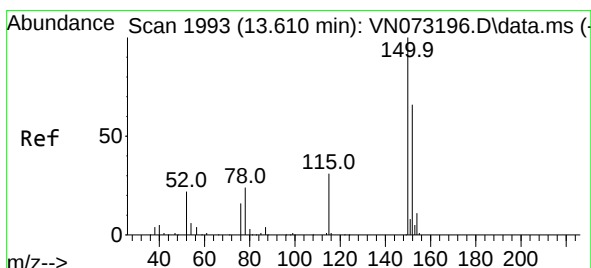
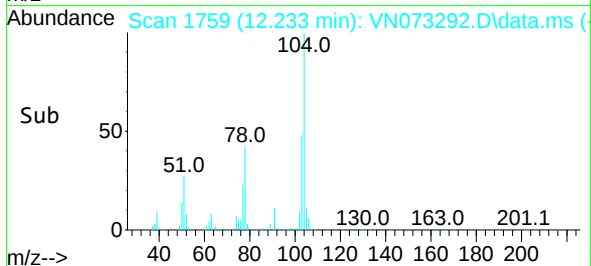
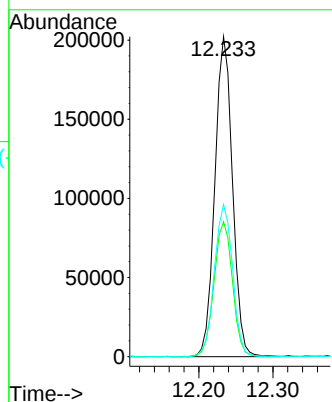
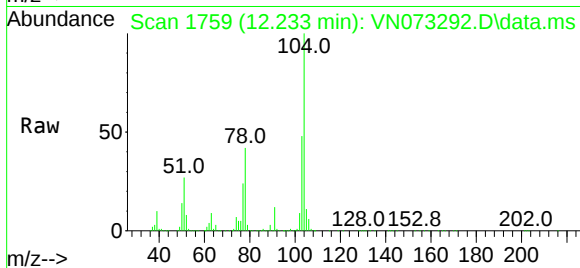
Tgt Ion:104 Resp: 333783

Ion Ratio Lower Upper

104 100

78 44.4 39.5 59.3

103 49.4 44.0 66.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

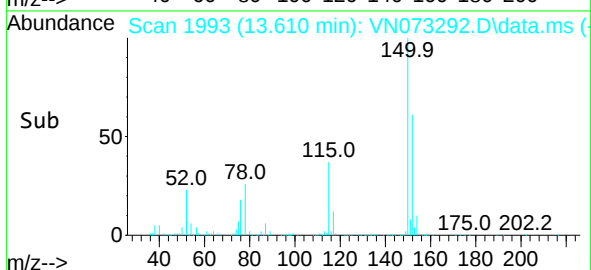
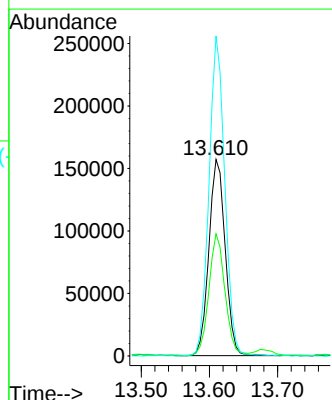
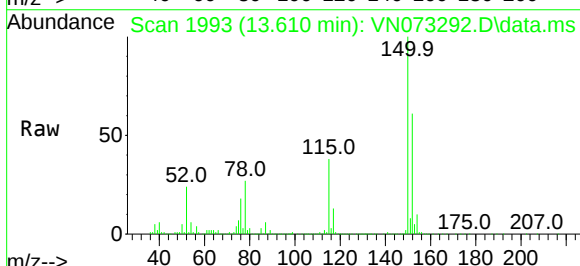
Tgt Ion:152 Resp: 262161

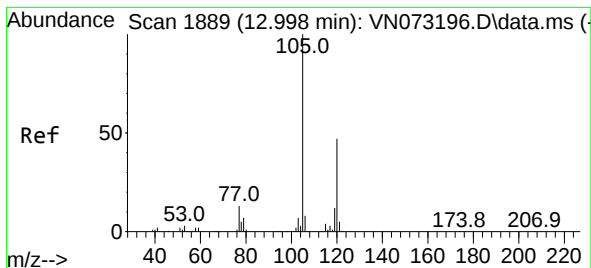
Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

150 157.6 0.0 356.2





#80

1,3,5-Trimethylbenzene

Concen: 2.010 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073292.D

Acq: 01 Jul 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

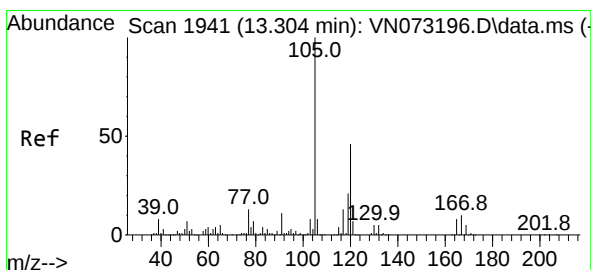
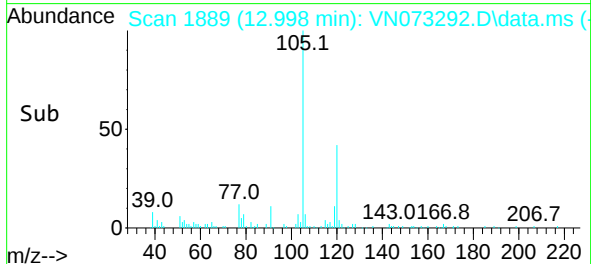
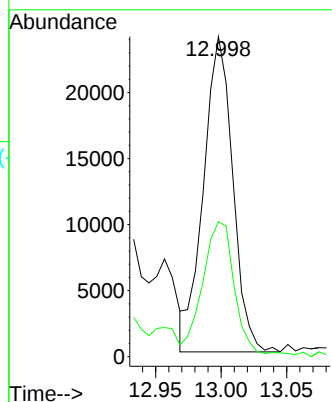
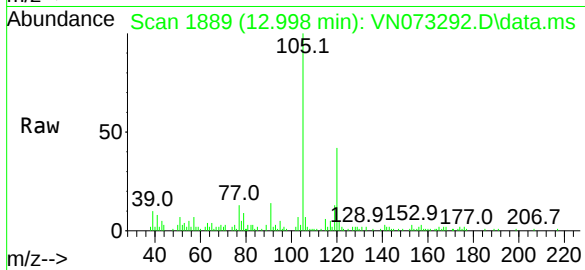
31494DL

Tgt Ion:105 Resp: 37098

Ion Ratio Lower Upper

105 100

120 45.7 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 5.735 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073292.D

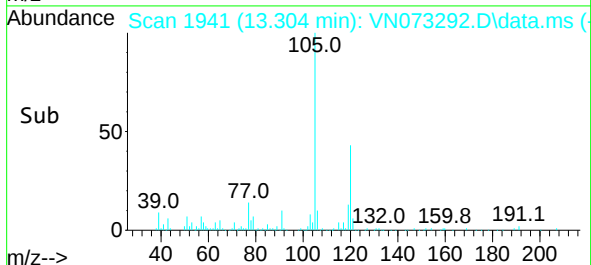
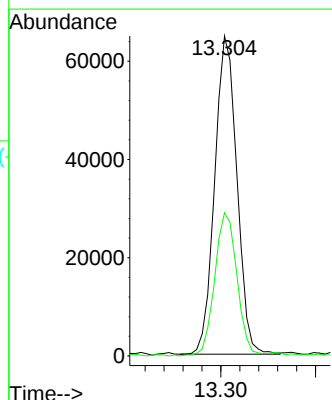
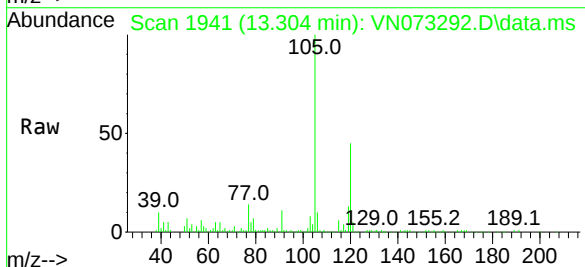
Acq: 01 Jul 2022 13:09

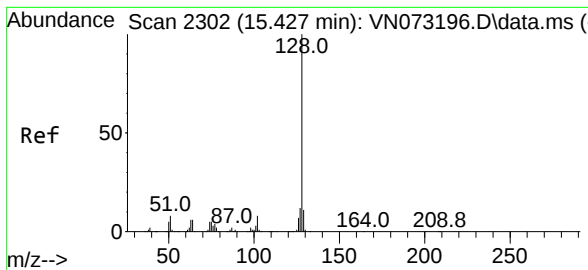
Tgt Ion:105 Resp: 105646

Ion Ratio Lower Upper

105 100

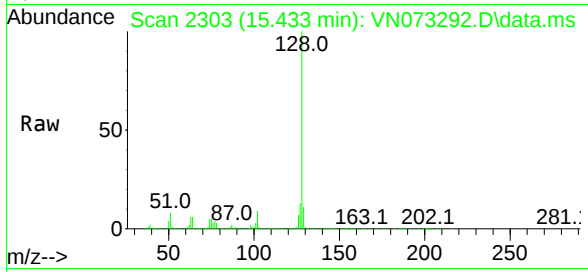
120 45.2 23.3 69.8





#95
Naphthalene
Concen: 198.291 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073292.D
Acq: 01 Jul 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
31494DL



Tgt Ion:128 Resp: 4006474
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.6 13.0

