

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074820.D
 Acq On : 07 Oct 2022 18:45
 Operator : JC\MD
 Sample : N4968-04DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620DL

Quant Time: Oct 08 03:55:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

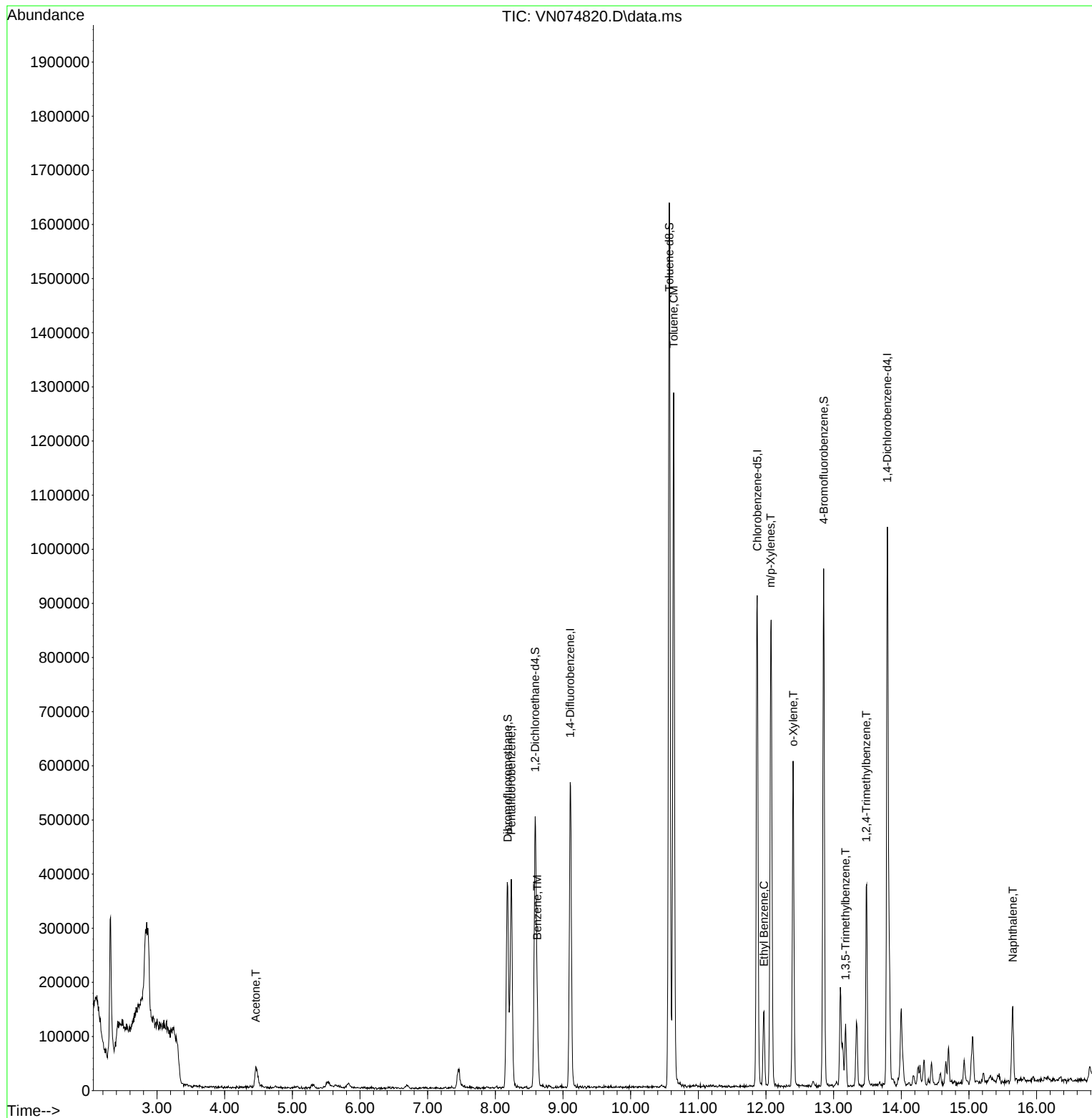
Internal Standards						
1) Pentafluorobenzene	8.235	168	262733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	346937	55.731	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.460%		
35) Dibromofluoromethane	8.182	113	271070	54.857	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.720%		
50) Toluene-d8	10.571	98	1094882	51.638	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.280%		
62) 4-Bromofluorobenzene	12.853	95	287846	44.660	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.320%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	66141	18.748	ug/l	100
40) Benzene	8.618	78	109776	4.240	ug/l	100
52) Toluene	10.635	92	542619	34.885	ug/l	99
67) Ethyl Benzene	11.970	91	98403	3.364	ug/l #	87
68) m/p-Xylenes	12.070	106	286910	26.128	ug/l	97
69) o-Xylene	12.406	106	167921	14.905	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	58061	2.960	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	213257	10.751	ug/l	99
95) Naphthalene	15.647	128	122987	6.923	ug/l	100

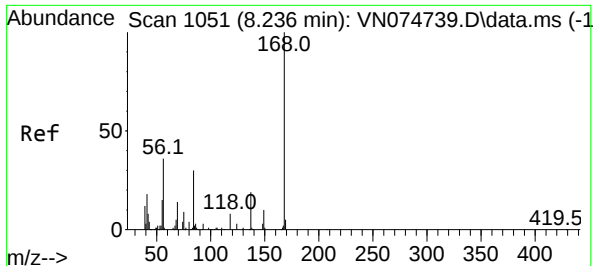
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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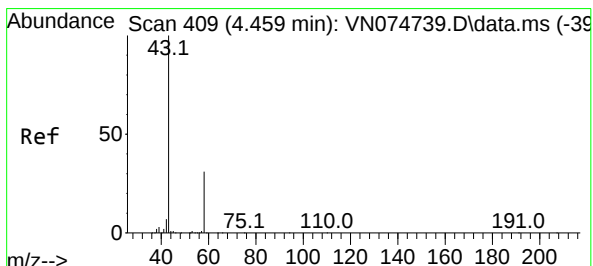
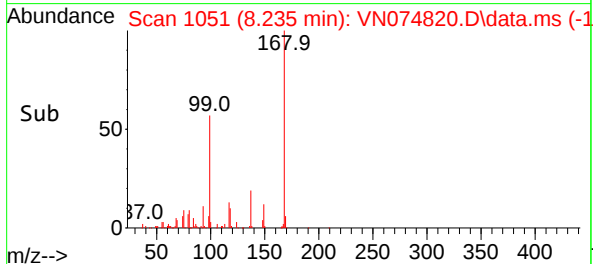
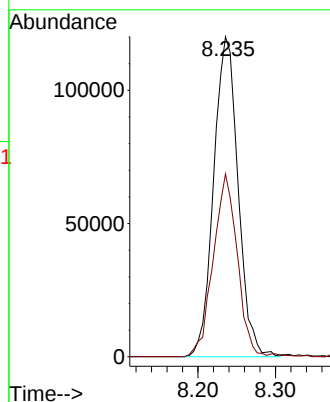
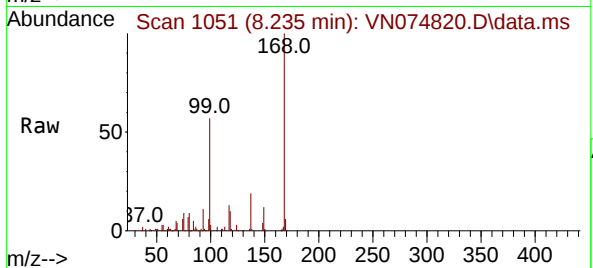




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

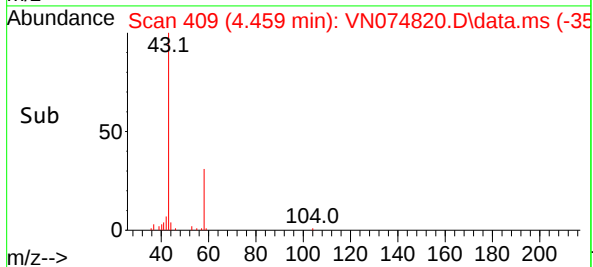
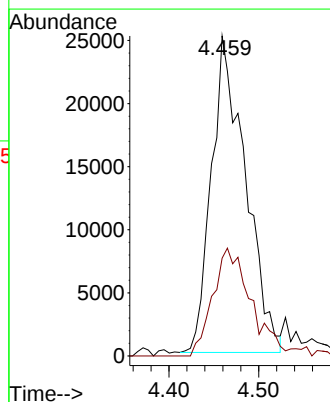
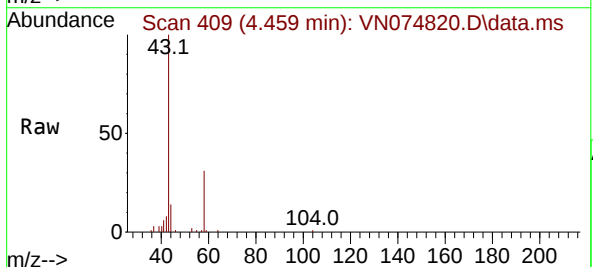
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL

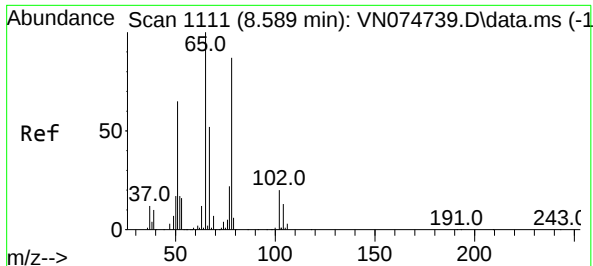
Tgt Ion:168 Resp: 262733
Ion Ratio Lower Upper
168 100
99 57.1 42.8 64.2



#16
Acetone
Concen: 18.748 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Tgt Ion: 43 Resp: 66141
Ion Ratio Lower Upper
43 100
58 30.9 24.9 37.3





#33

1,2-Dichloroethane-d4

Concen: 55.731 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074820.D

Acq: 07 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

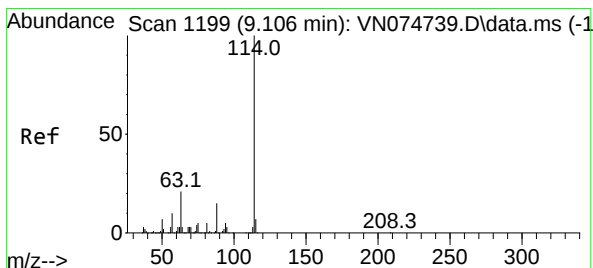
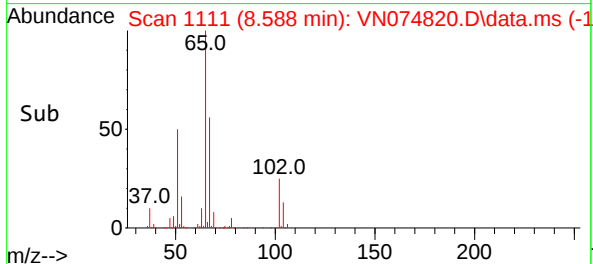
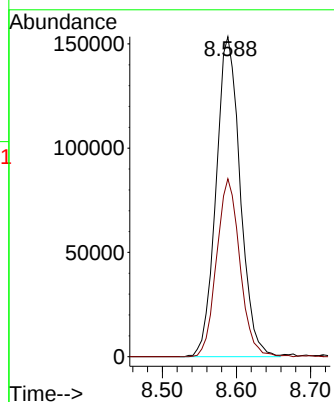
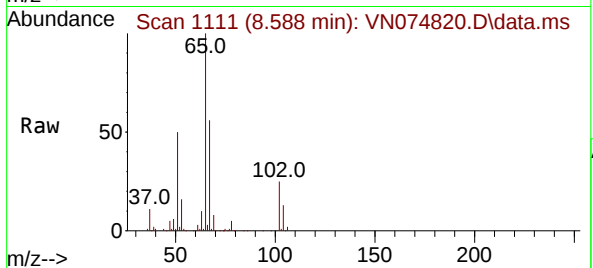
CLI-0620DL

Tgt Ion: 65 Resp: 346937

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074820.D

Acq: 07 Oct 2022 18:45

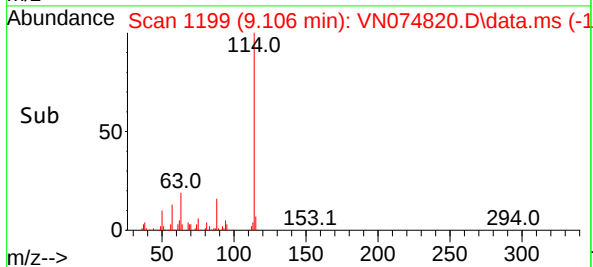
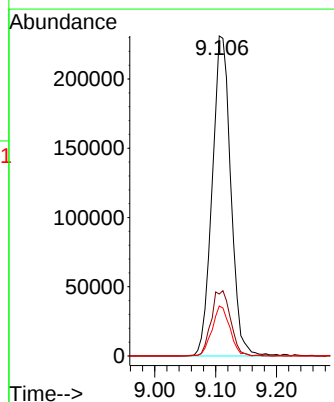
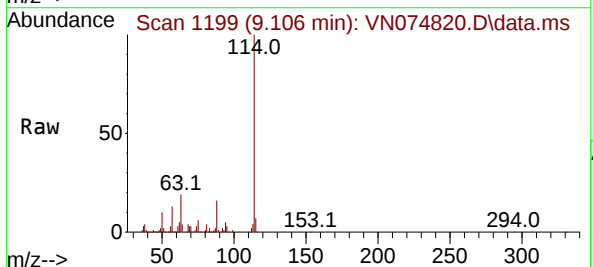
Tgt Ion: 114 Resp: 489072

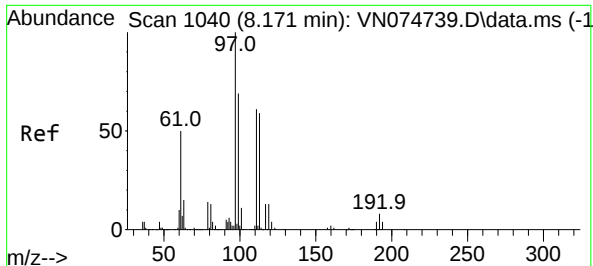
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.857 ug/l

RT: 8.182 min Scan# 1115

Delta R.T. 0.012 min

Lab File: VN074820.D

Acq: 07 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

CLI-0620DL

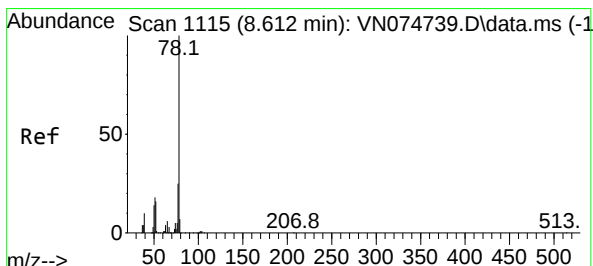
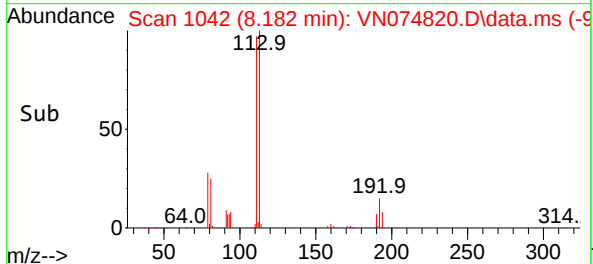
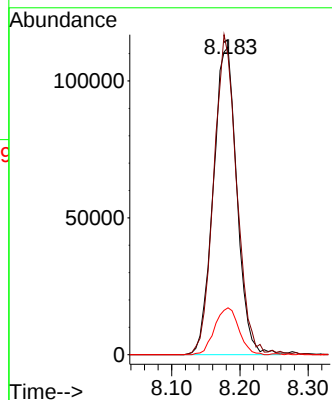
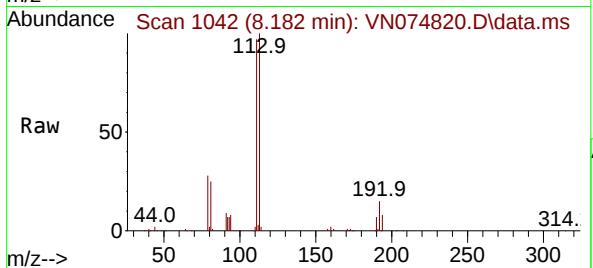
Tgt Ion:113 Resp: 271070

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

192 15.6 12.6 18.8



#40

Benzene

Concen: 4.240 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074820.D

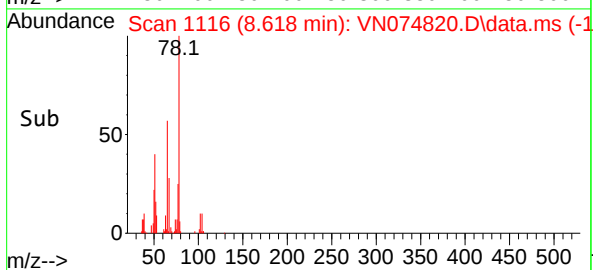
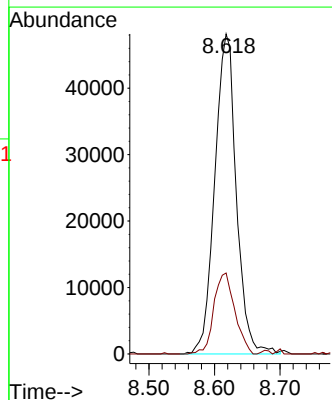
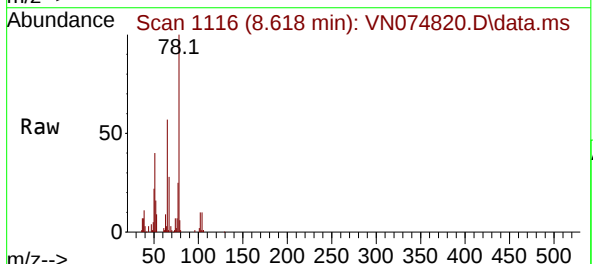
Acq: 07 Oct 2022 18:45

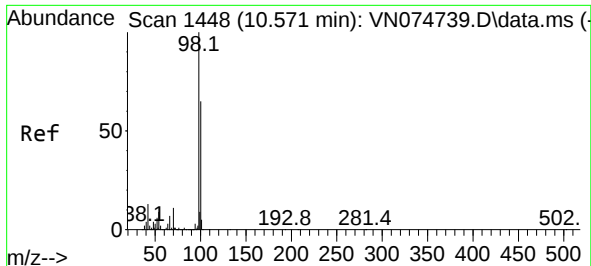
Tgt Ion: 78 Resp: 109776

Ion Ratio Lower Upper

78 100

77 25.3 20.1 30.1

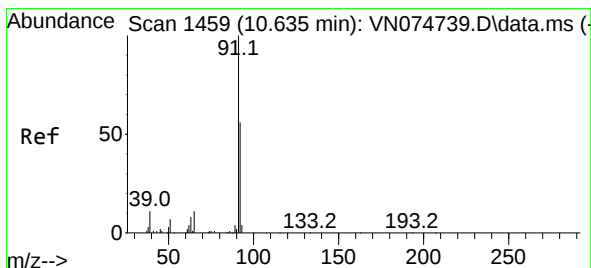
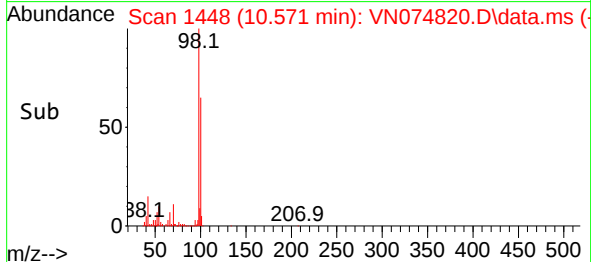
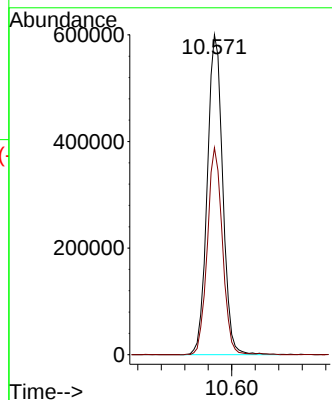
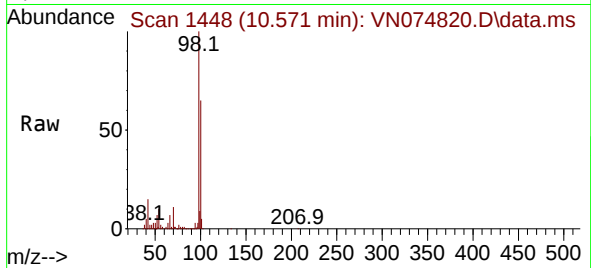




#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

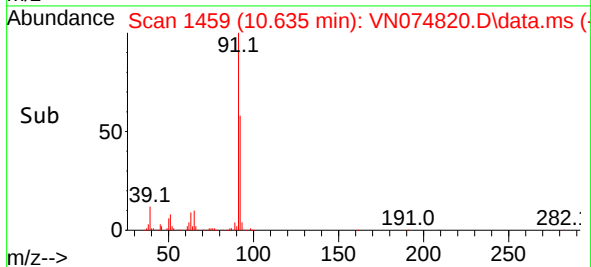
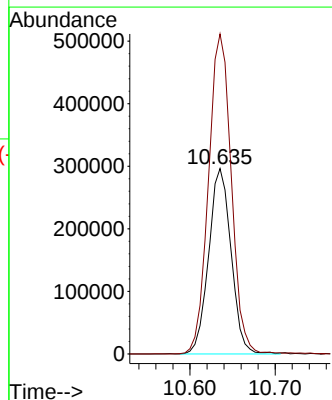
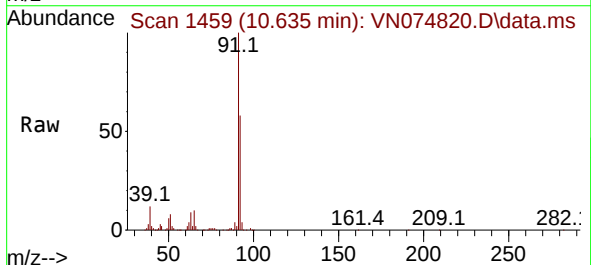
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL

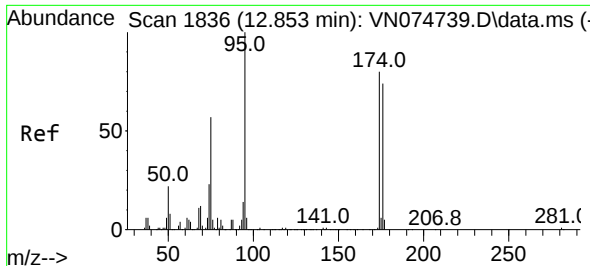
Tgt Ion: 98 Resp: 1094882
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1



#52
Toluene
Concen: 34.885 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Tgt Ion: 92 Resp: 542619
Ion Ratio Lower Upper
92 100
91 176.3 140.2 210.4

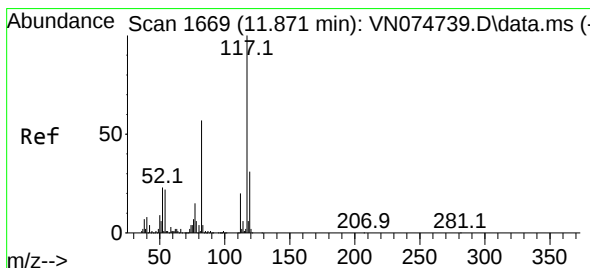
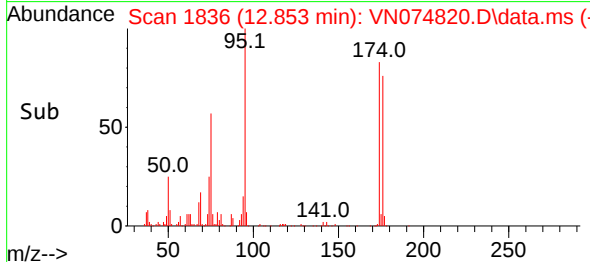
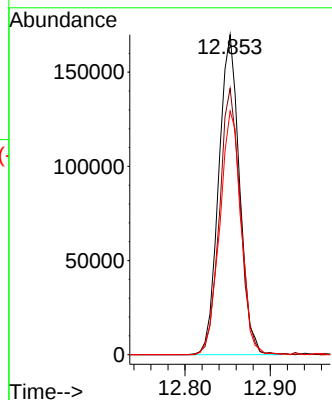
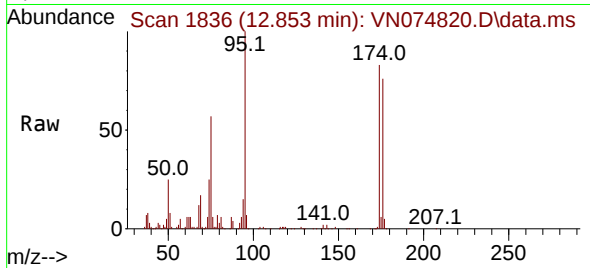




#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

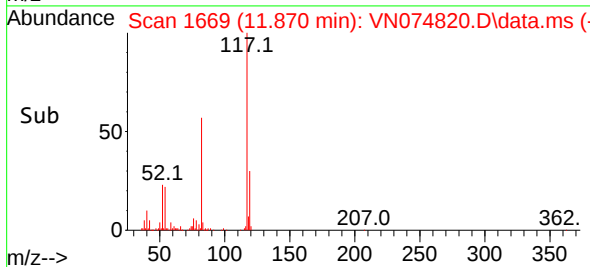
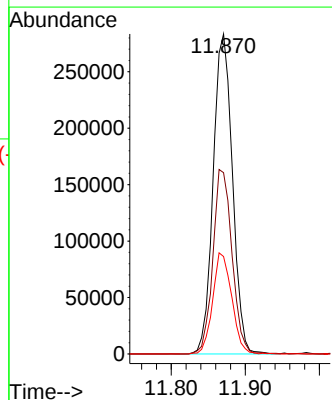
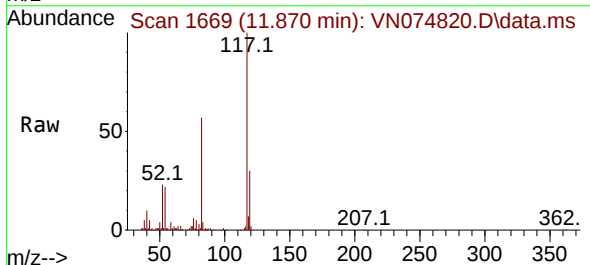
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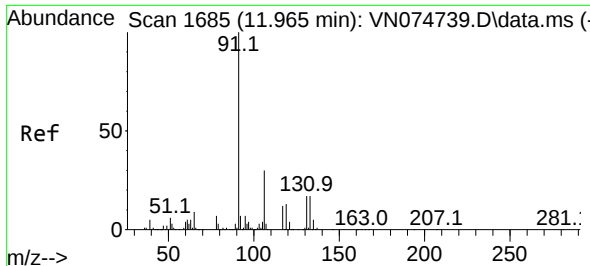
Tgt Ion: 95 Resp: 287846
Ion Ratio Lower Upper
95 100
174 82.8 0.0 149.4
176 77.8 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Tgt Ion: 117 Resp: 512279
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 30.4 25.1 37.7

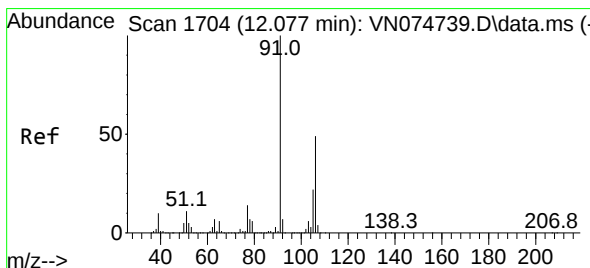
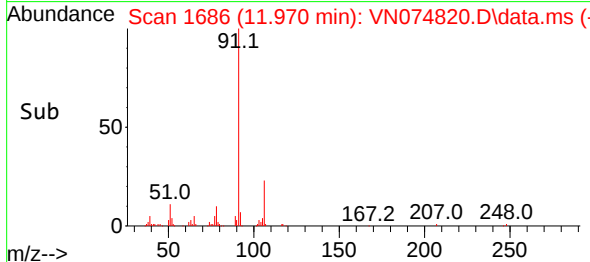
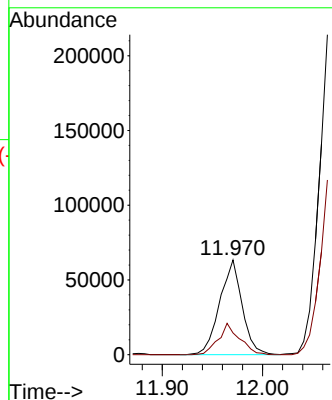
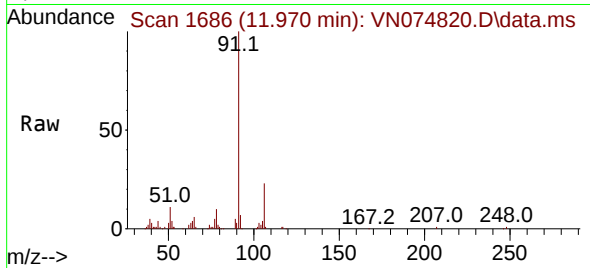




#67
Ethyl Benzene
Concen: 3.364 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

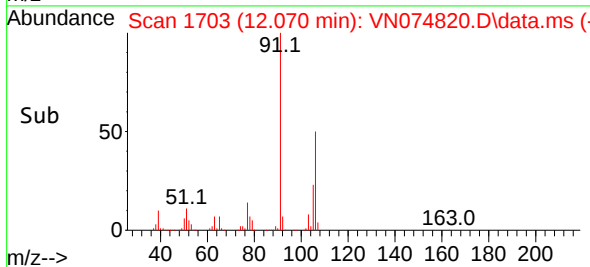
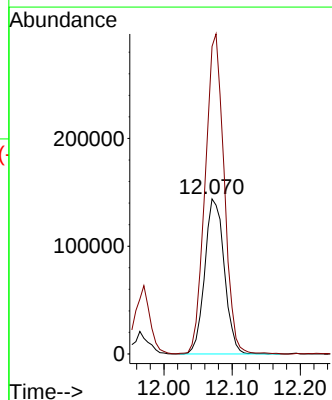
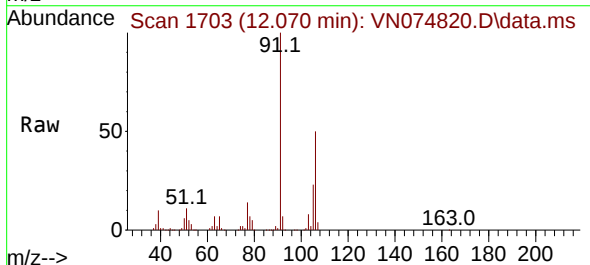
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CLI-0620DL

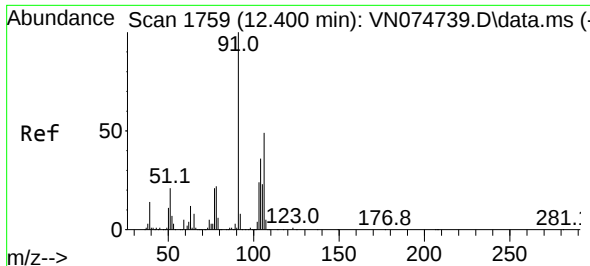
Tgt Ion: 91 Resp: 98403
Ion Ratio Lower Upper
91 100
106 23.0 24.1 36.1#



#68
m/p-Xylenes
Concen: 26.128 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Tgt Ion: 106 Resp: 286910
Ion Ratio Lower Upper
106 100
91 200.3 164.2 246.4

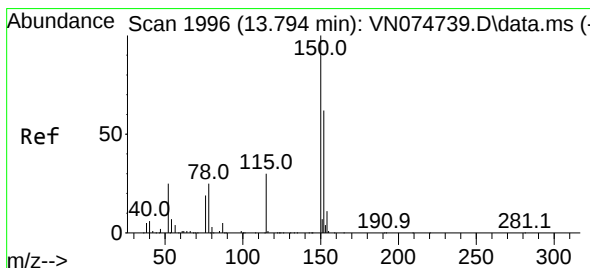
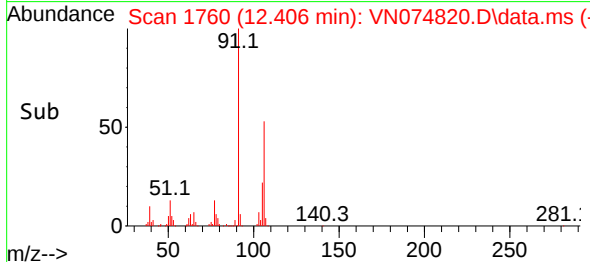
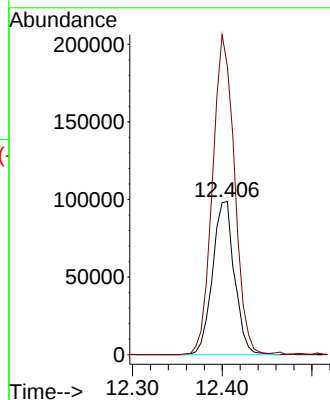
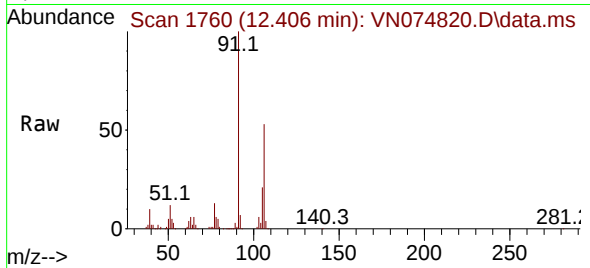




#69
o-Xylene
Concen: 14.905 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

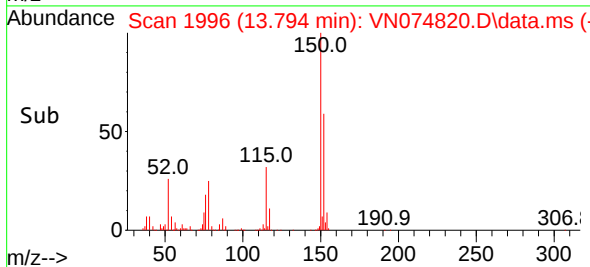
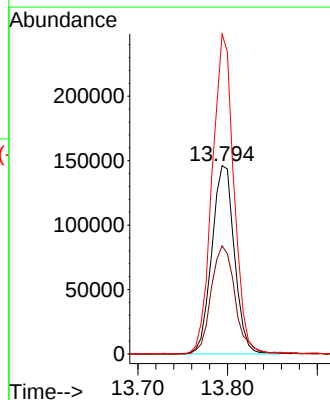
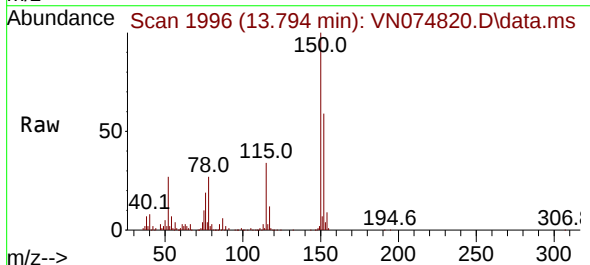
Instrument :
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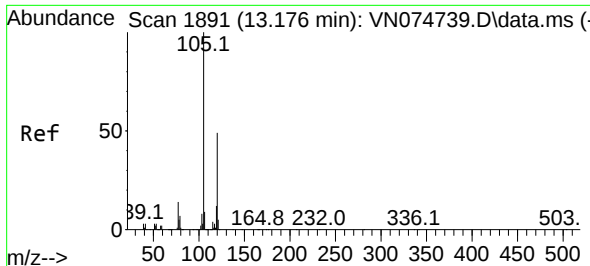
Tgt Ion:106 Resp: 167921
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Tgt Ion:152 Resp: 255618
Ion Ratio Lower Upper
152 100
115 61.6 30.0 90.0
150 162.8 0.0 356.4

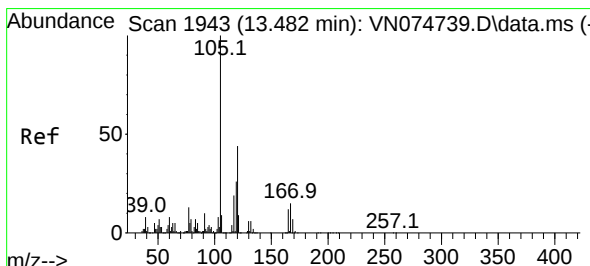
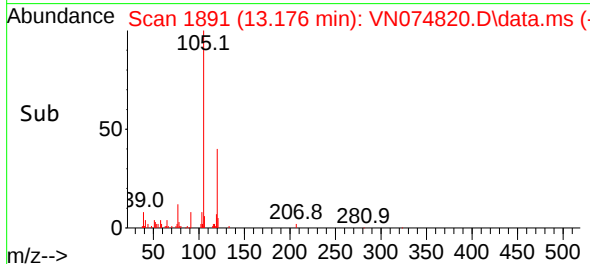
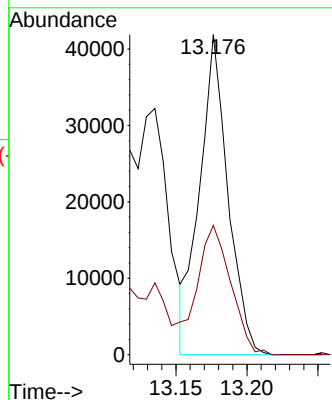
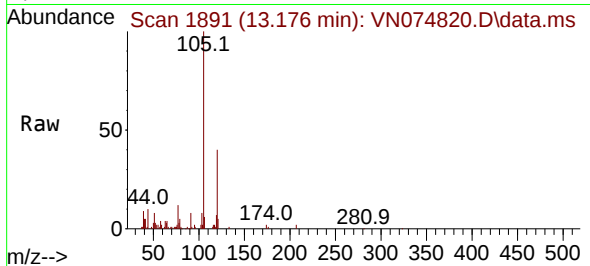




#80
 1,3,5-Trimethylbenzene
 Concen: 2.960 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN074820.D
 Acq: 07 Oct 2022 18:45

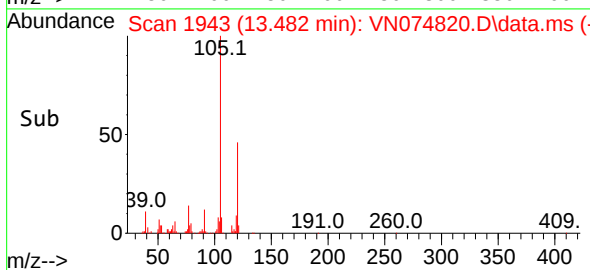
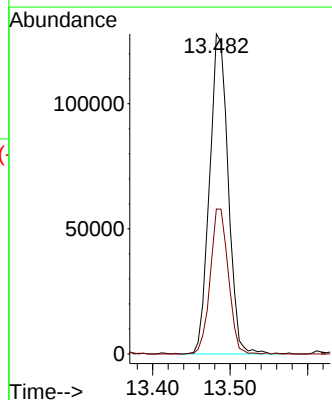
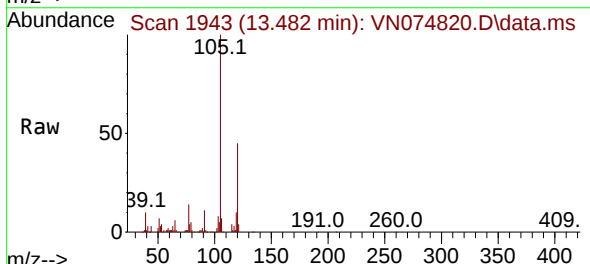
Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620DL

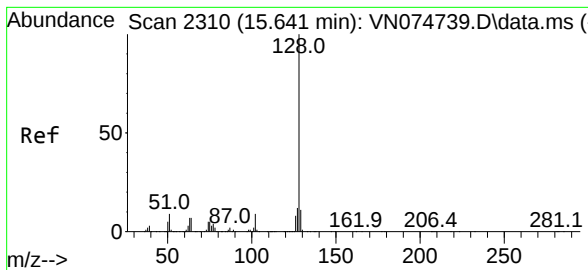
Tgt Ion:105 Resp: 58061
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 10.751 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN074820.D
 Acq: 07 Oct 2022 18:45

Tgt Ion:105 Resp: 213257
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.7 65.1





#95
Naphthalene
Concen: 6.923 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074820.D
Acq: 07 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
CLI-0620DL

Tgt Ion:	128	Resp:	122987
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	9.0	13.4

