

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081612.D
 Acq On : 29 Mar 2024 13:54
 Operator : JC\MD
 Sample : P1921-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-19

Quant Time: Mar 30 00:28:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	369817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	673207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	607821	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243014	51.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	8.165	113	211509	49.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.565	98	795129	51.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.847	95	266287	49.206	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.420%

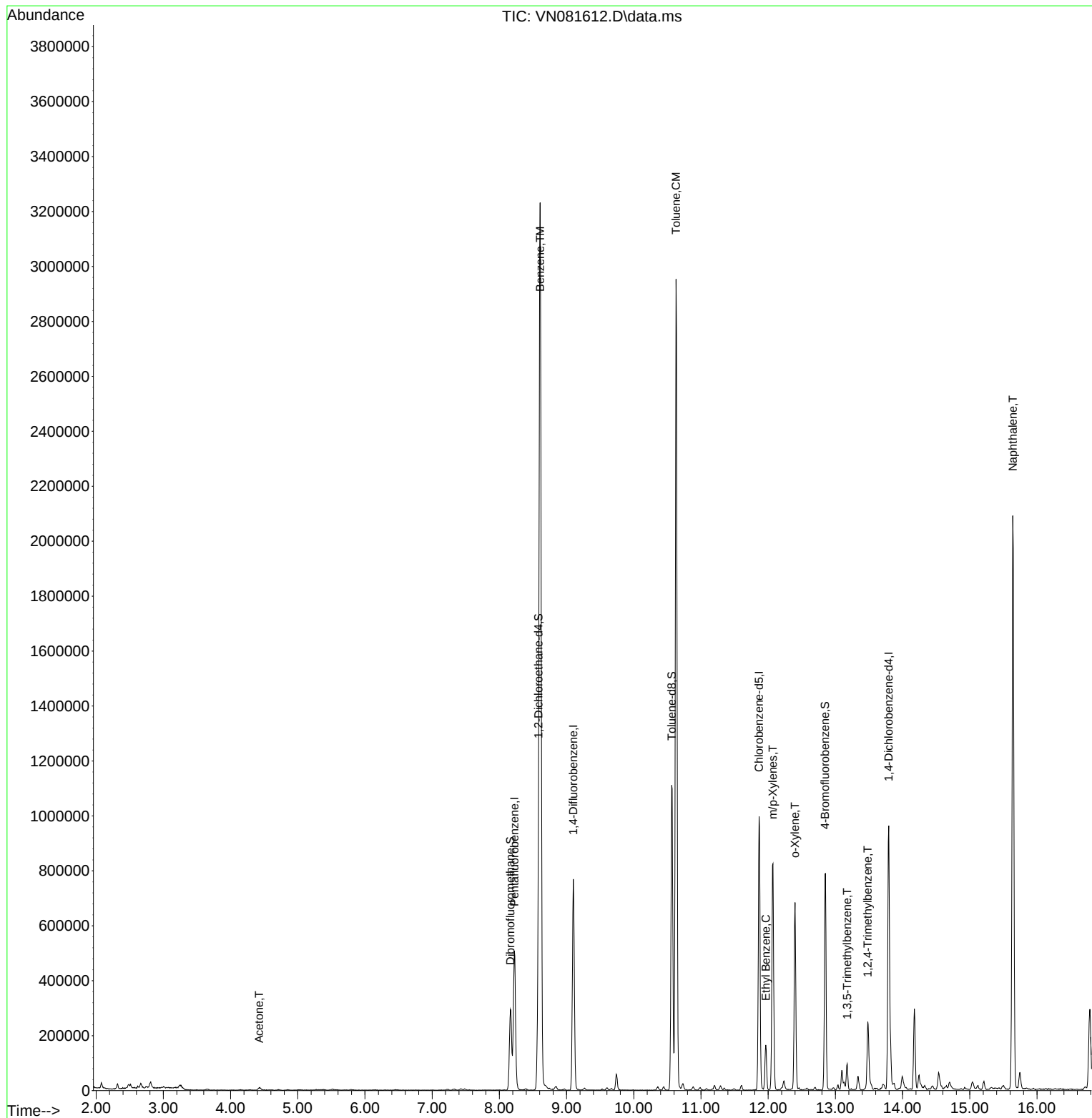
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.424	43	16498	10.824	ug/l	98
40) Benzene	8.606	78	3345190	160.031	ug/l	98
52) Toluene	10.629	92	1302516	98.036	ug/l	99
67) Ethyl Benzene	11.965	91	119144	4.773	ug/l	97
68) m/p-Xylenes	12.071	106	268439	28.688	ug/l	91
69) o-Xylene	12.400	106	188969	20.571	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	51286	2.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	153976	8.446	ug/l	97
95) Naphthalene	15.641	128	1908833	106.201	ug/l	99

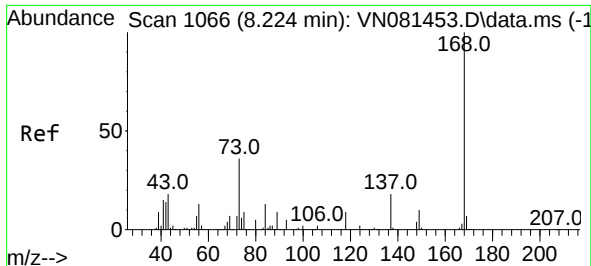
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
Data File : VN081612.D
Acq On : 29 Mar 2024 13:54
Operator : JC\MD
Sample : P1921-04 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-19

Quant Time: Mar 30 00:28:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

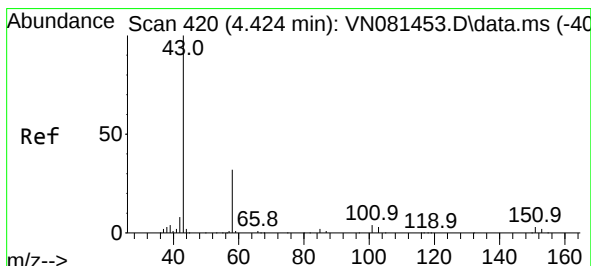
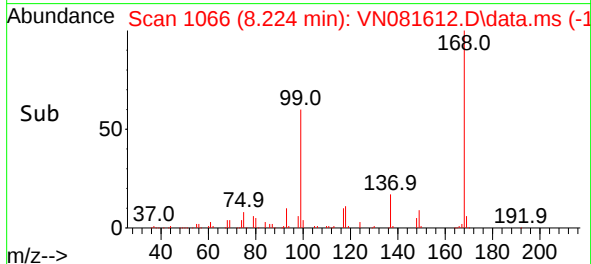
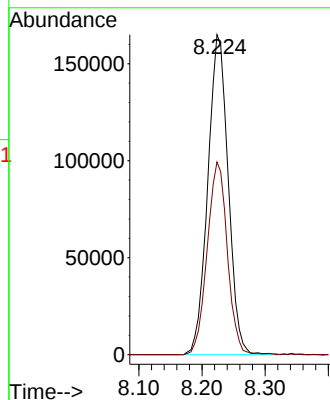
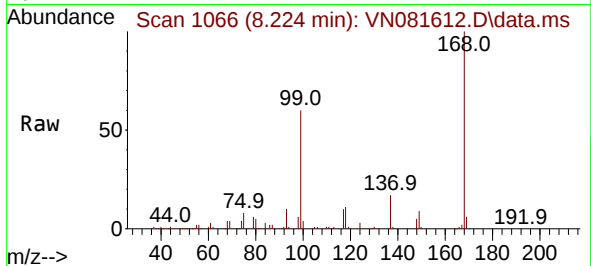




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

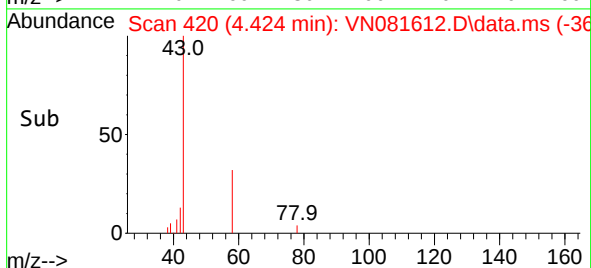
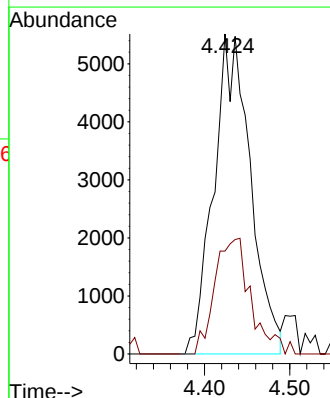
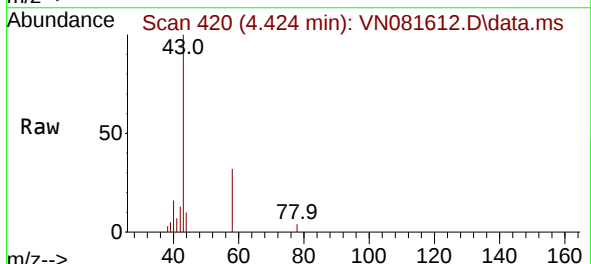
Instrument :
MSVOA_N
ClientSampleId :
S-19

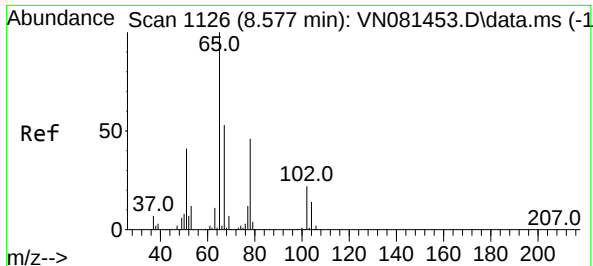
Tgt Ion:168 Resp: 369817
Ion Ratio Lower Upper
168 100
99 60.2 59.9 89.9



#16
Acetone
Concen: 10.824 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 43 Resp: 16498
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 51.528 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

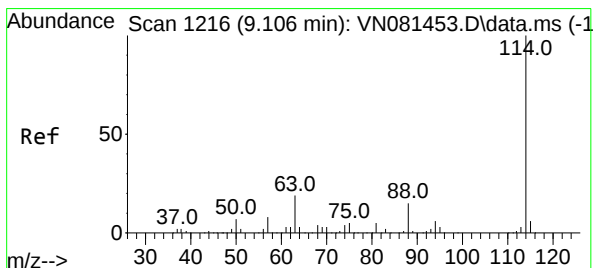
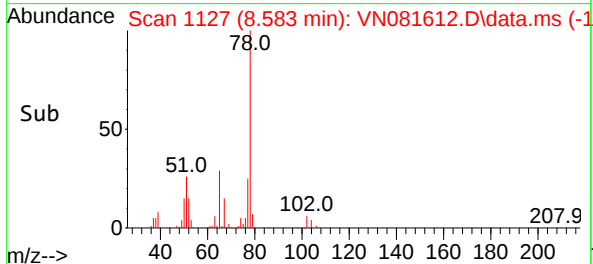
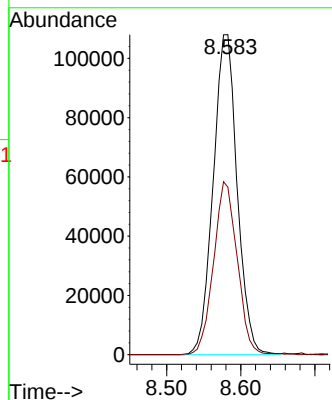
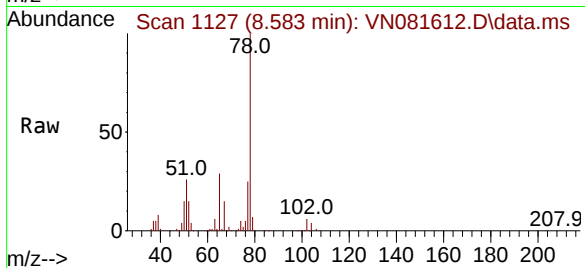
S-19

Tgt Ion: 65 Resp: 243014

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

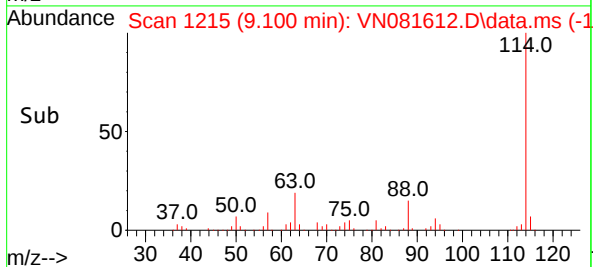
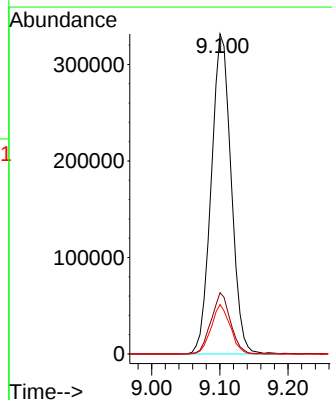
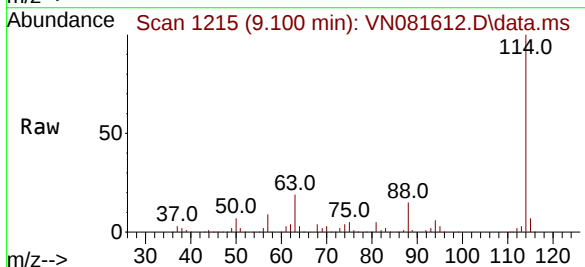
Tgt Ion: 114 Resp: 673207

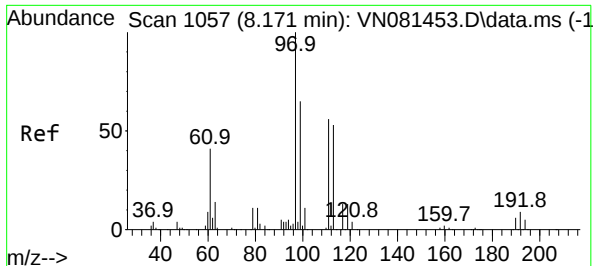
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.4 0.0 34.8

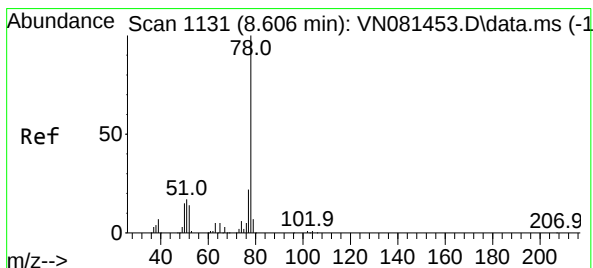
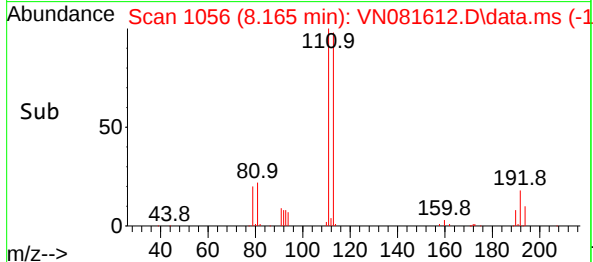
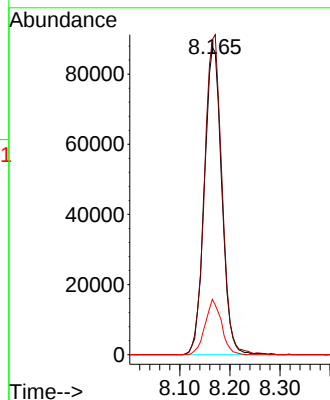
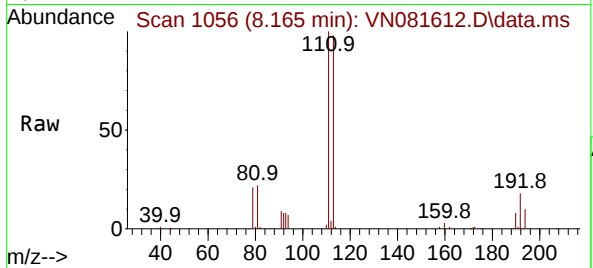




#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

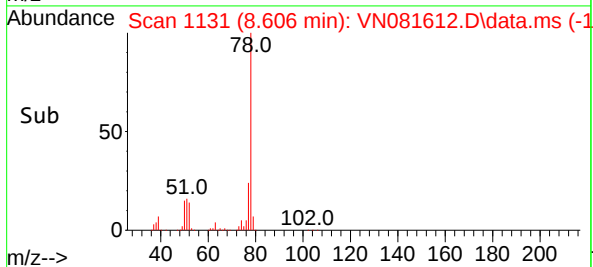
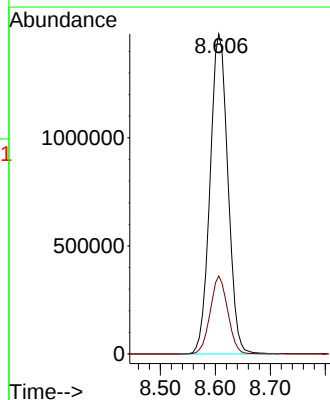
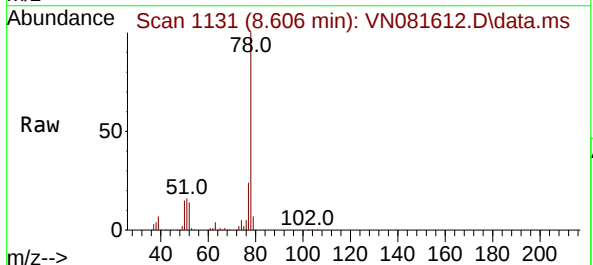
Instrument :
MSVOA_N
ClientSampleId :
S-19

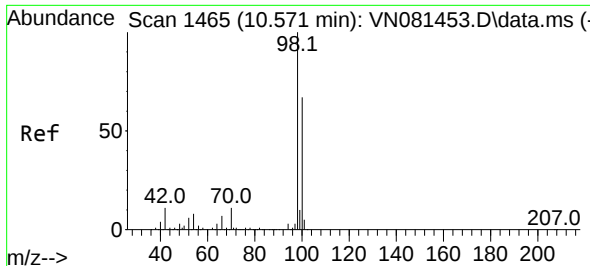
Tgt Ion:113 Resp: 211509
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.9 12.5 18.7



#40
Benzene
Concen: 160.031 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 78 Resp: 3345190
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6

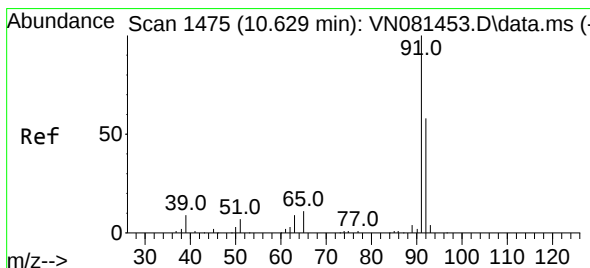
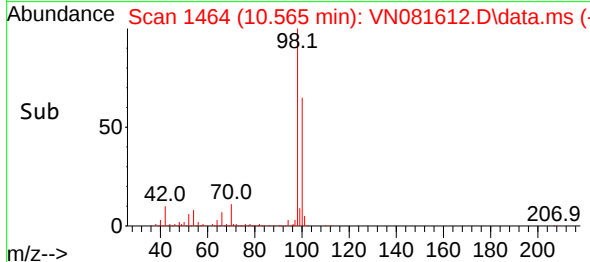
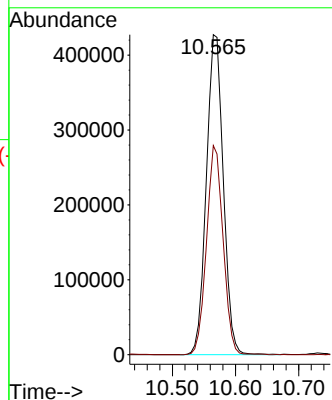
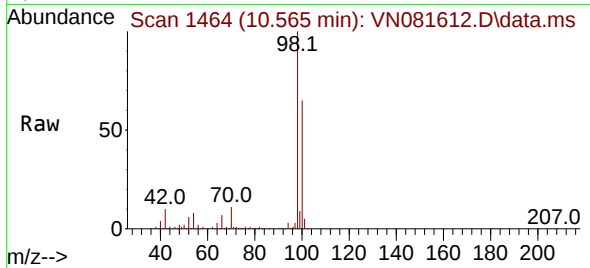




#50
Toluene-d8
Concen: 51.772 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

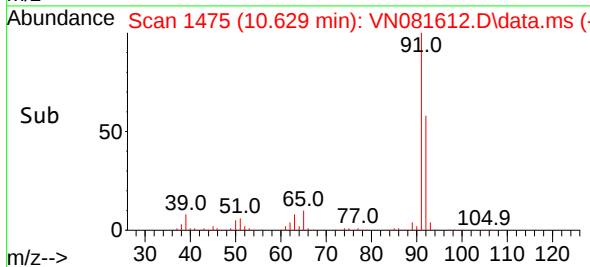
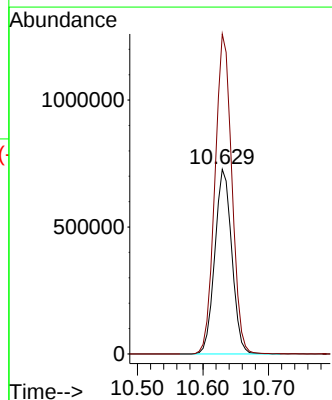
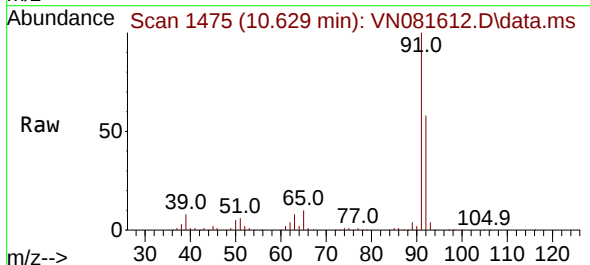
Instrument :
MSVOA_N
ClientSampleId :
S-19

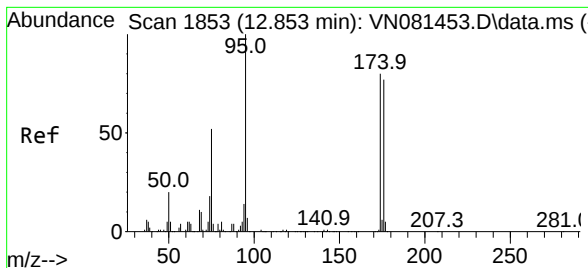
Tgt Ion: 98 Resp: 795129
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#52
Toluene
Concen: 98.036 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 92 Resp: 1302516
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

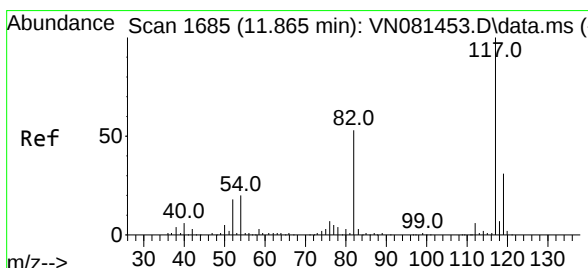
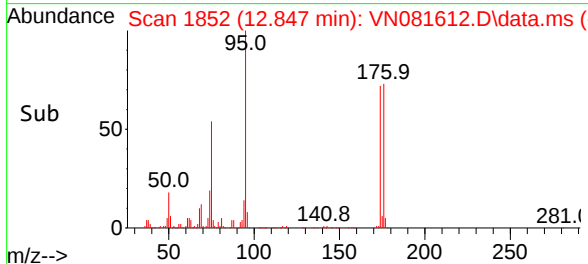
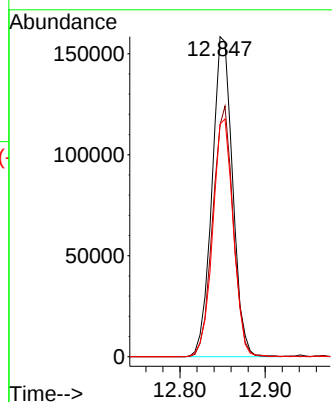
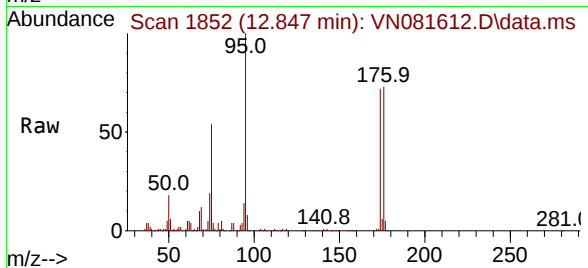




#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

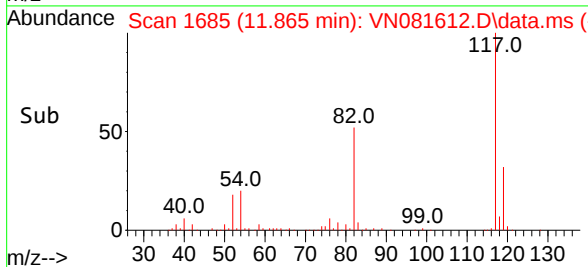
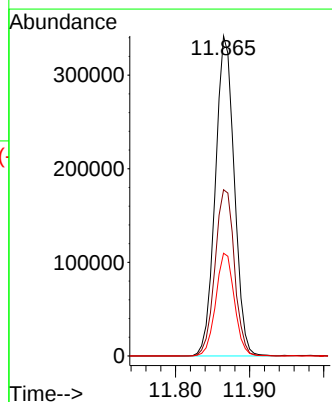
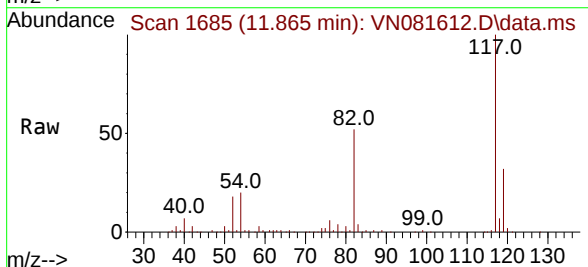
Instrument :
MSVOA_N
ClientSampleId :
S-19

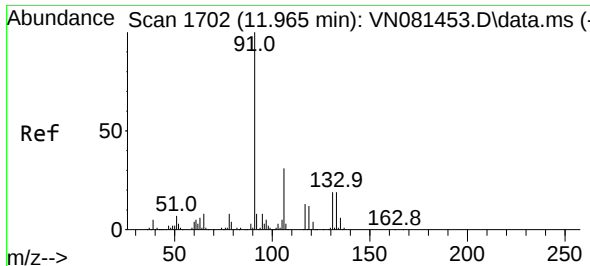
Tgt Ion: 95 Resp: 266287
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 74.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 117 Resp: 607821
Ion Ratio Lower Upper
117 100
82 52.0 52.7 79.1#
119 32.1 25.3 37.9

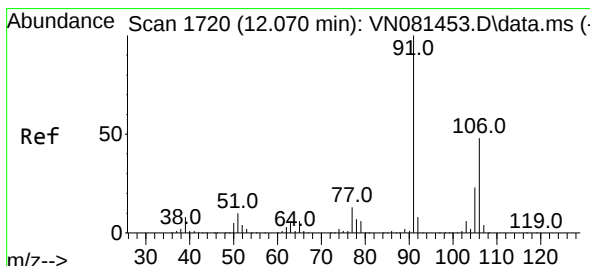
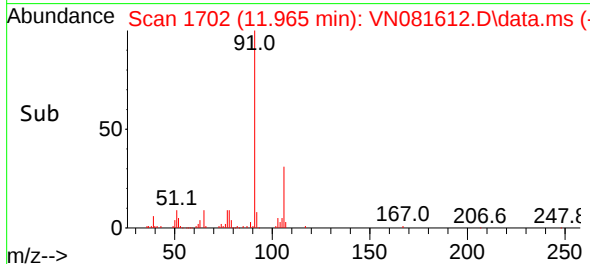
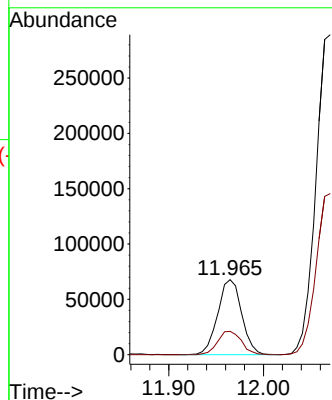
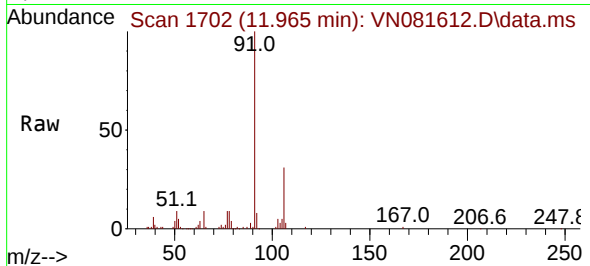




#67
Ethyl Benzene
Concen: 4.773 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

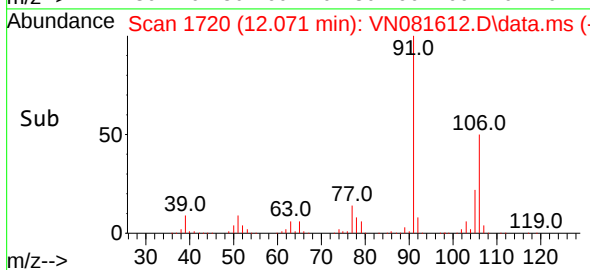
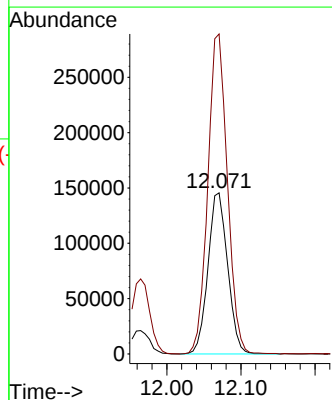
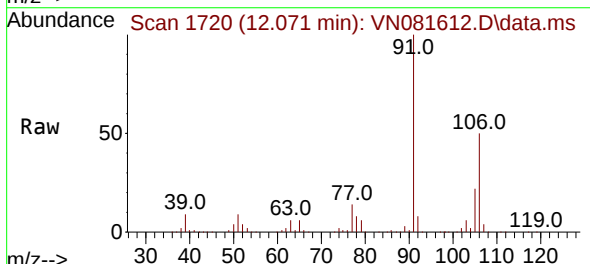
Instrument :
MSVOA_N
ClientSampleId :
S-19

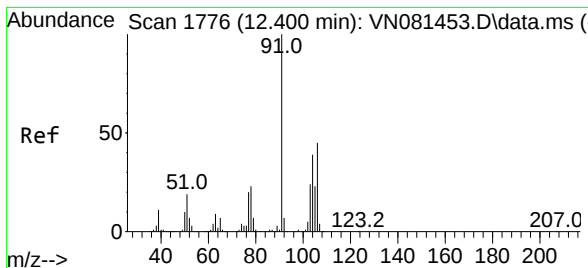
Tgt Ion: 91 Resp: 119144
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6



#68
m/p-Xylenes
Concen: 28.688 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:106 Resp: 268439
Ion Ratio Lower Upper
106 100
91 197.4 169.0 253.6

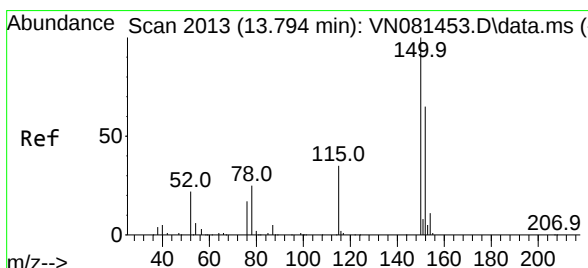
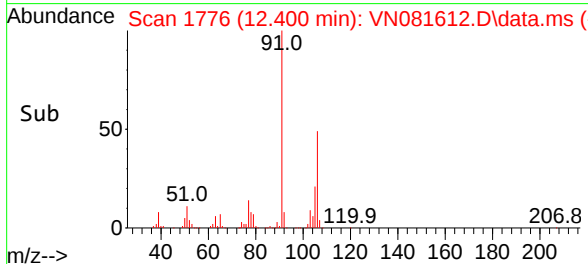
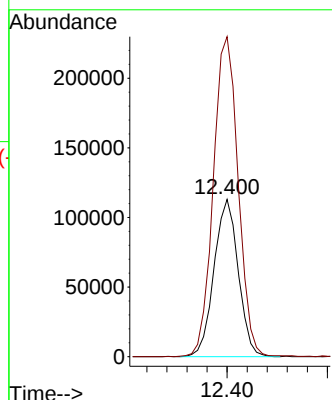
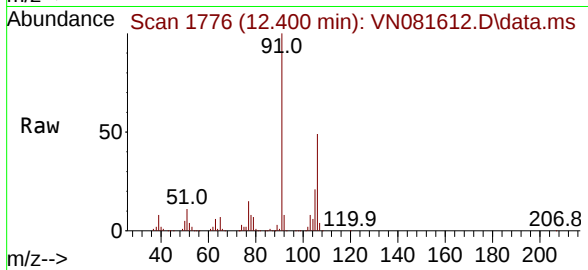




#69
o-Xylene
Concen: 20.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

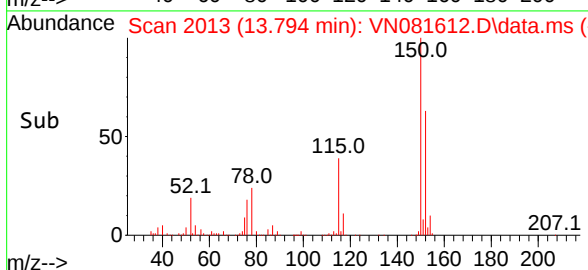
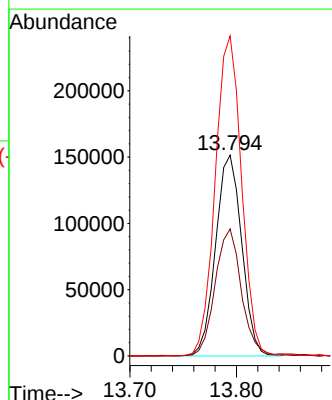
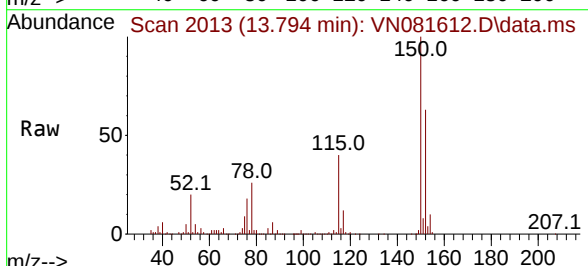
Instrument :
MSVOA_N
ClientSampleId :
S-19

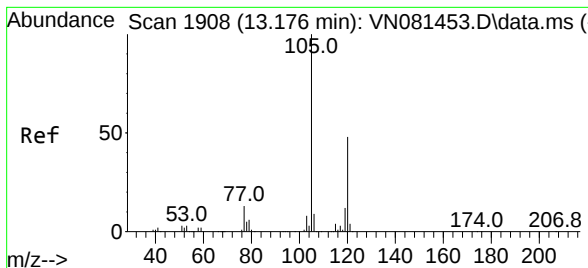
Tgt Ion:106 Resp: 188969
Ion Ratio Lower Upper
106 100
91 209.4 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:152 Resp: 257630
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 160.8 0.0 339.8





#80

1,3,5-Trimethylbenzene

Concen: 2.827 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

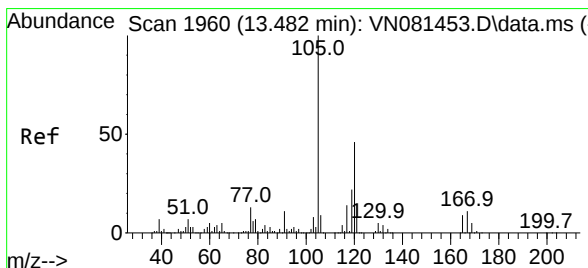
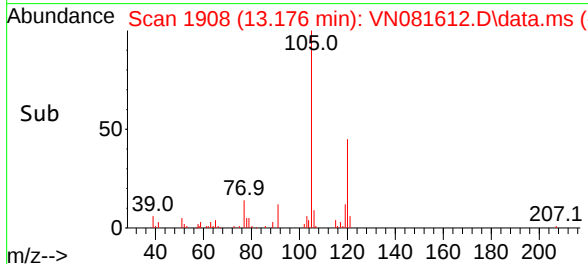
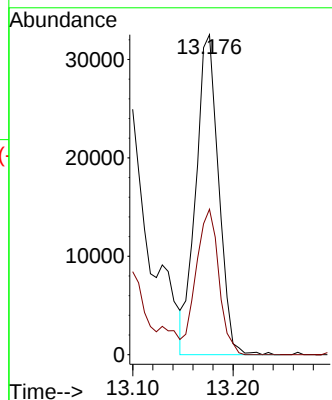
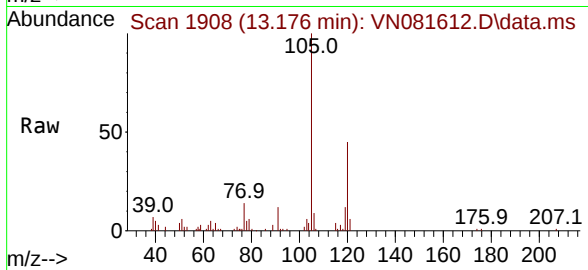
S-19

Tgt Ion:105 Resp: 51286

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0



#84

1,2,4-Trimethylbenzene

Concen: 8.446 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081612.D

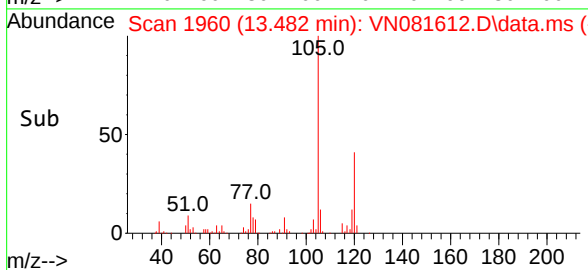
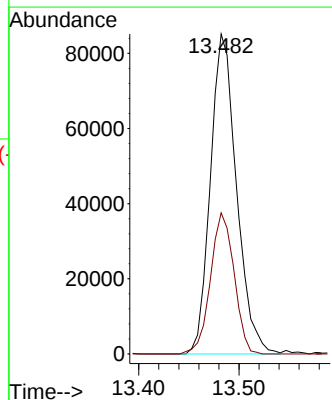
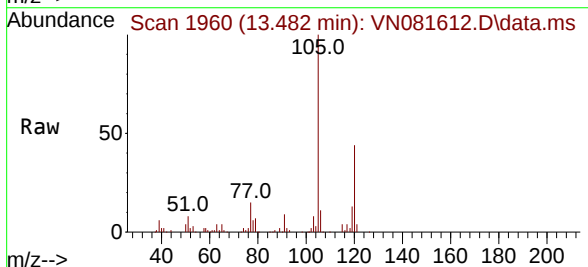
Acq: 29 Mar 2024 13:54

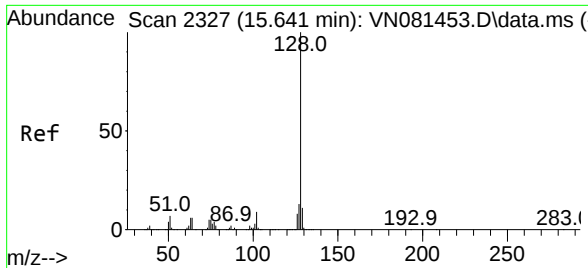
Tgt Ion:105 Resp: 153976

Ion Ratio Lower Upper

105 100

120 39.9 20.9 62.7





#95
Naphthalene
Concen: 106.201 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
S-19

Tgt Ion:128 Resp: 1908833
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

