

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076166.D
 Acq On : 09 Jan 2023 19:16
 Operator : JC\MD
 Sample : 01077-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1550

Quant Time: Jan 10 06:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

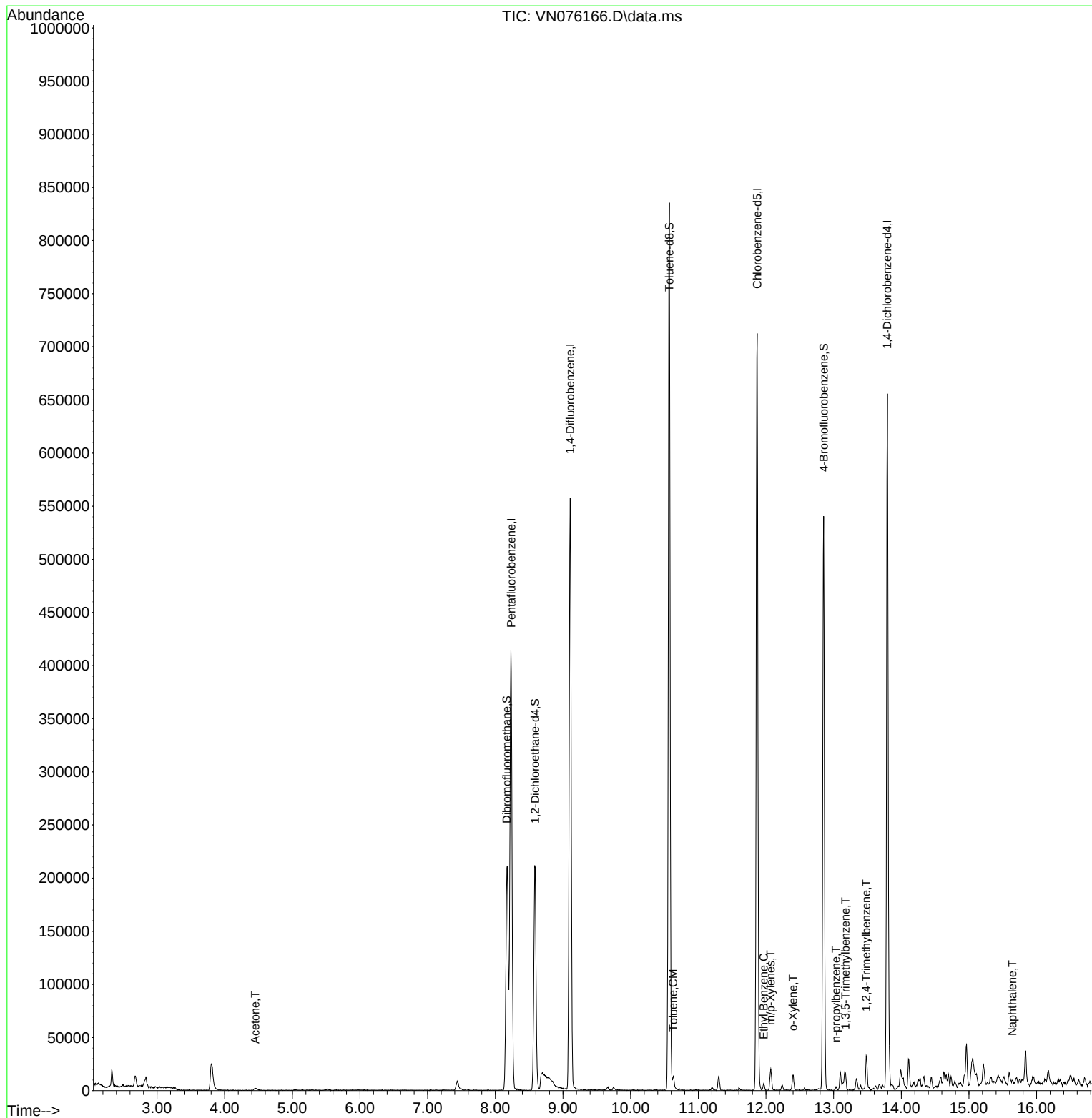
Internal Standards						
1) Pentafluorobenzene	8.236	168	316031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	432774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170708	49.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	8.171	113	154284	48.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	10.571	98	585949	48.912	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.853	95	178789	45.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	4259	3.594	ug/l	94
52) Toluene	10.630	92	4568	0.534	ug/l	86
67) Ethyl Benzene	11.965	91	4169	0.278	ug/l	92
68) m/p-Xylenes	12.071	106	6480	1.092	ug/l	99
69) o-Xylene	12.400	106	4436	0.755	ug/l	97
78) n-propylbenzene	13.035	91	3132	0.218	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4677	0.429	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	18868	1.744	ug/l	96
95) Naphthalene	15.641	128	4294	2.596	ug/l #	91

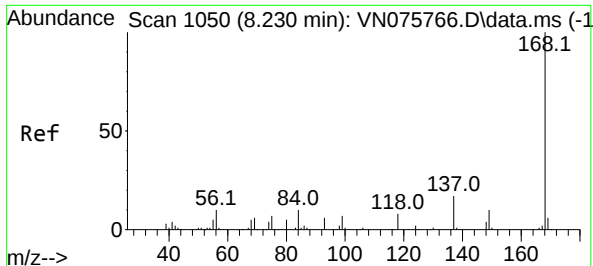
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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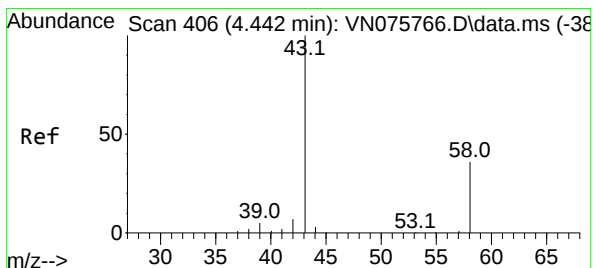
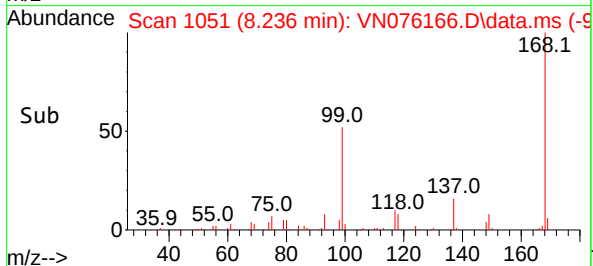
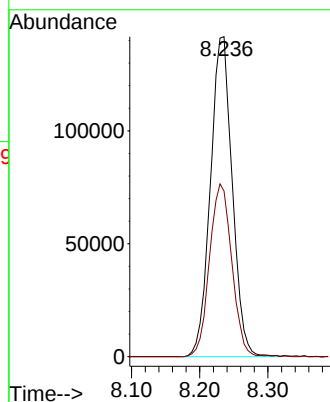
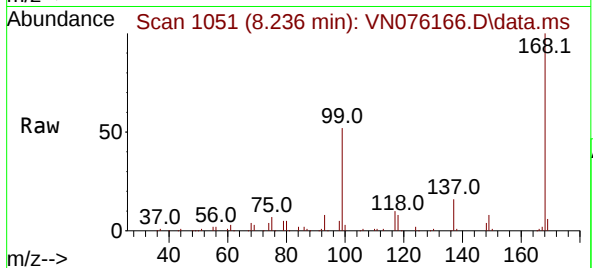




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

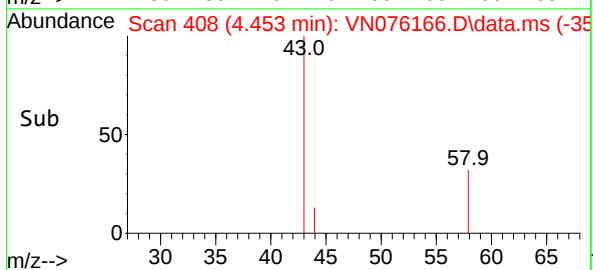
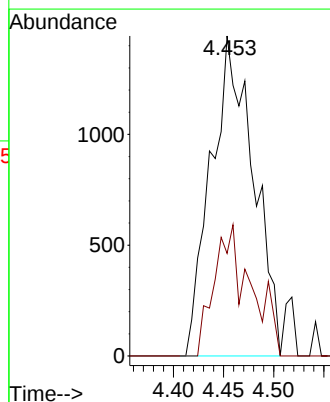
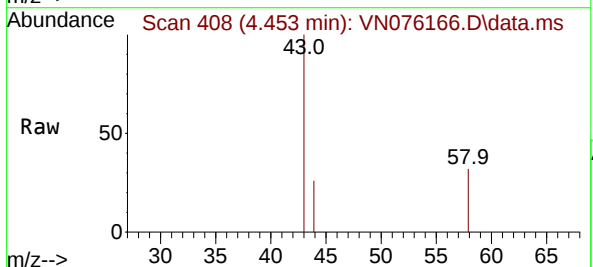
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

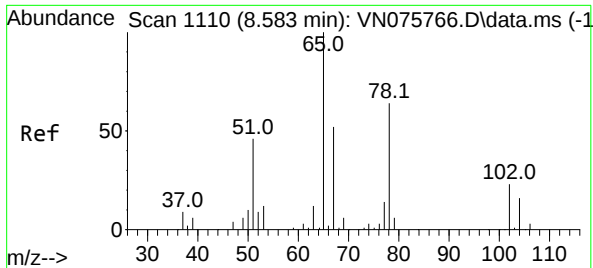
Tgt Ion:168 Resp: 316031
Ion Ratio Lower Upper
168 100
99 51.8 44.2 66.4



#16
Acetone
Concen: 3.594 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 43 Resp: 4259
Ion Ratio Lower Upper
43 100
58 32.1 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 49.652 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

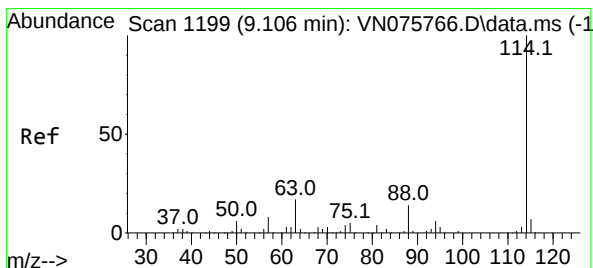
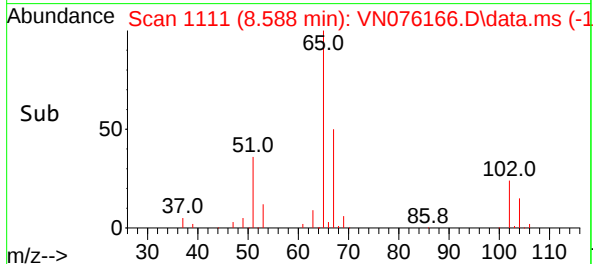
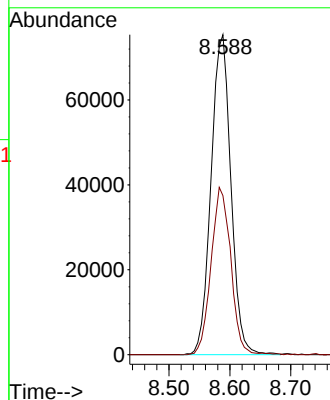
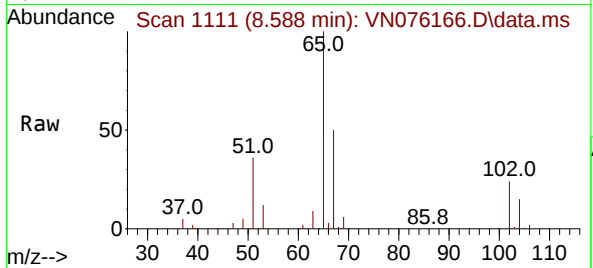
BUR-1550

Tgt Ion: 65 Resp: 170708

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

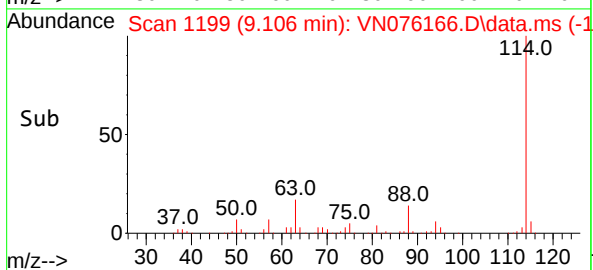
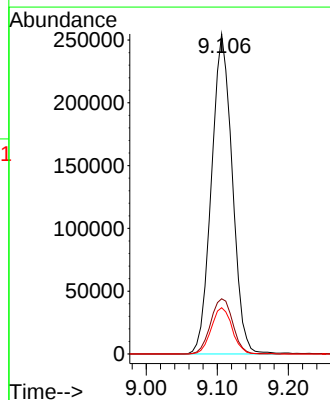
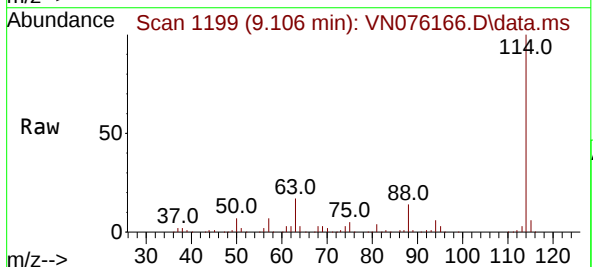
Tgt Ion: 114 Resp: 517383

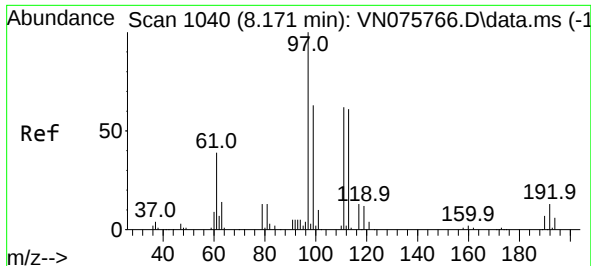
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.152 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

BUR-1550

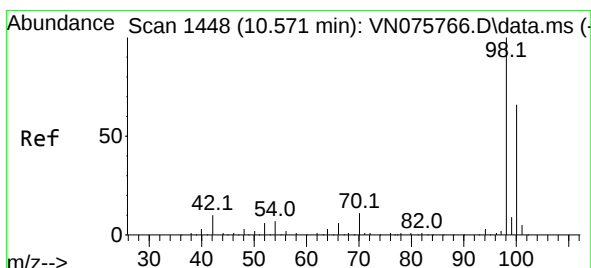
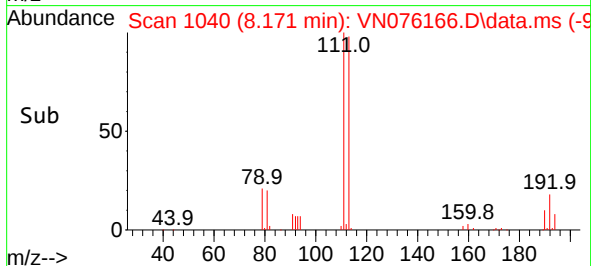
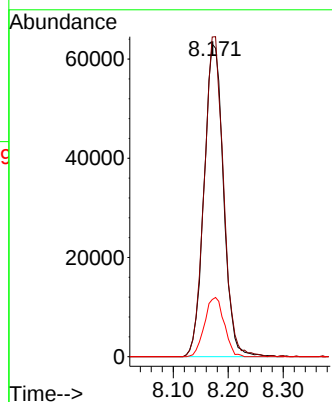
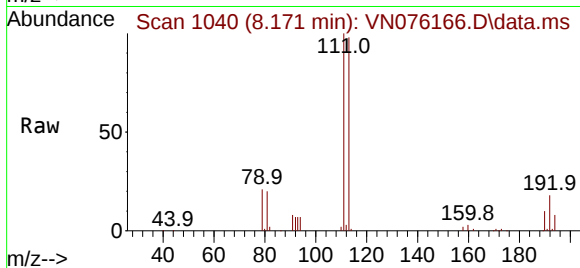
Tgt Ion:113 Resp: 154284

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.2 16.1 24.1



#50

Toluene-d8

Concen: 48.912 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076166.D

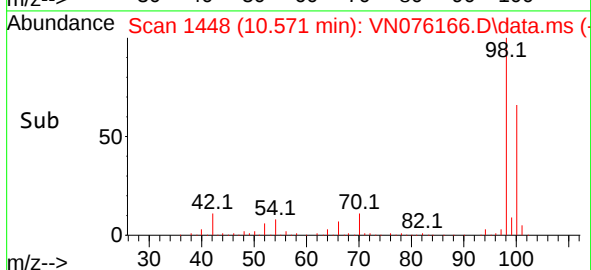
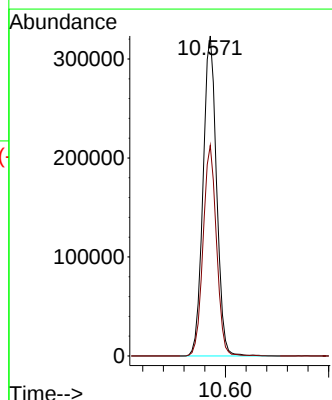
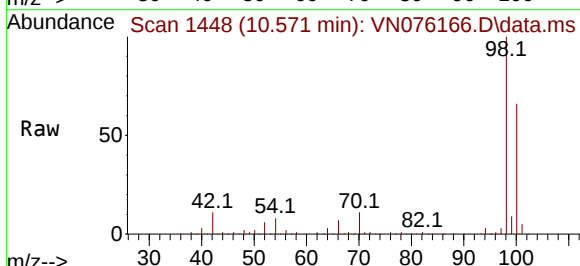
Acq: 09 Jan 2023 19:16

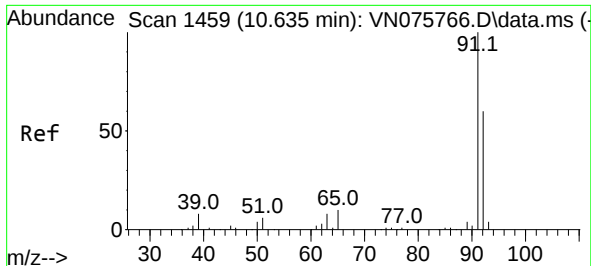
Tgt Ion: 98 Resp: 585949

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

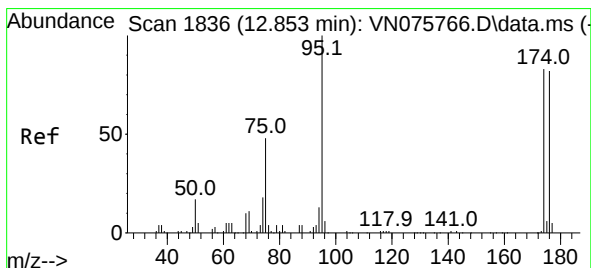
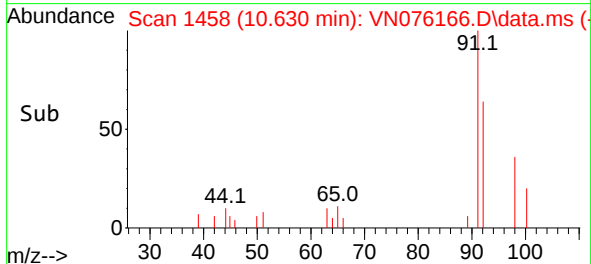
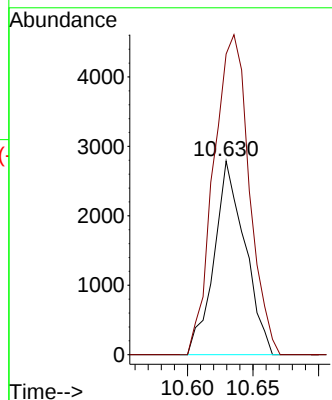
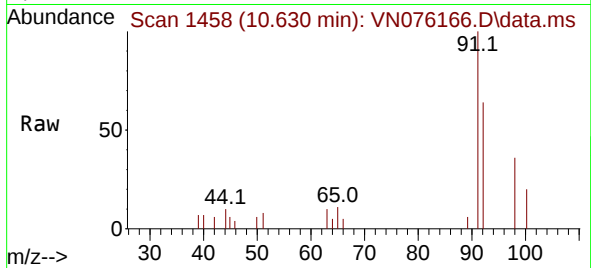




#52
Toluene
Concen: 0.534 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

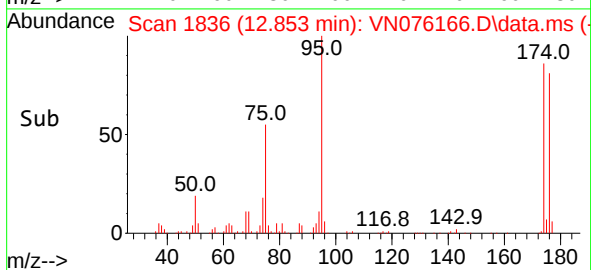
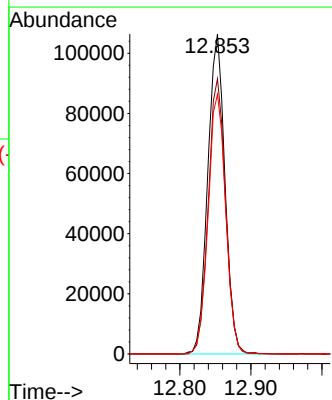
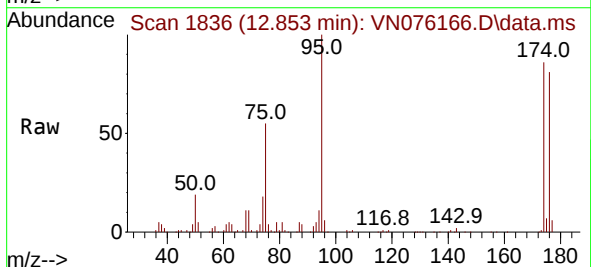
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

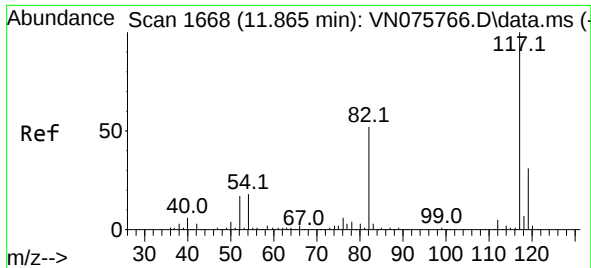
Tgt Ion: 92 Resp: 4568
Ion Ratio Lower Upper
92 100
91 190.7 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 95 Resp: 178789
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 82.8 0.0 169.2

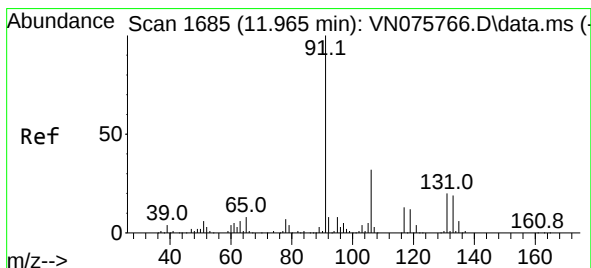
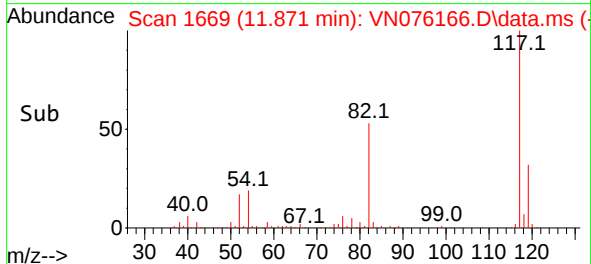
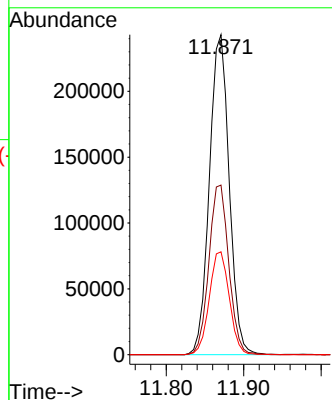
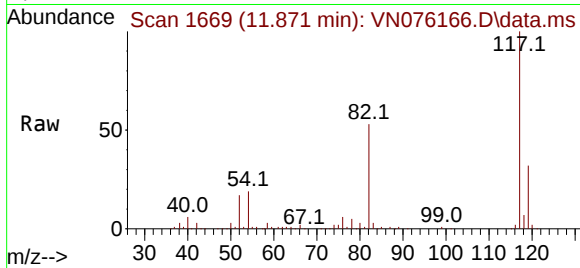




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

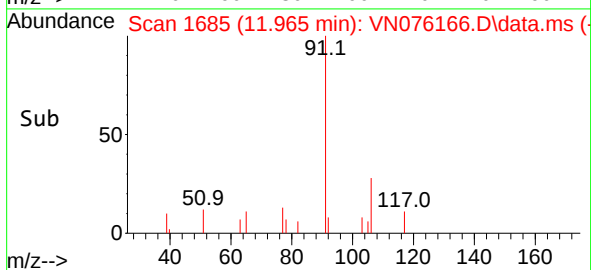
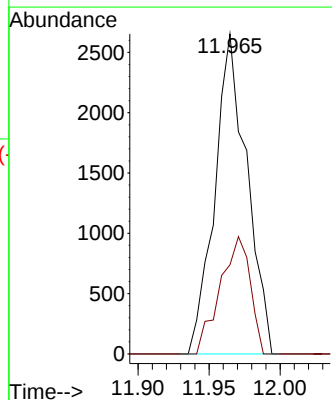
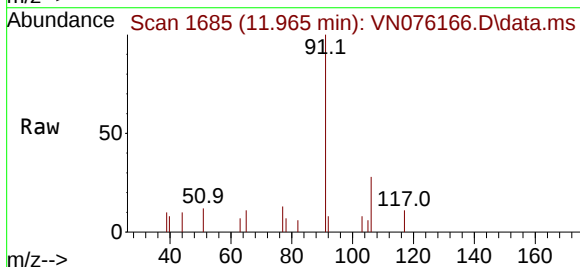
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

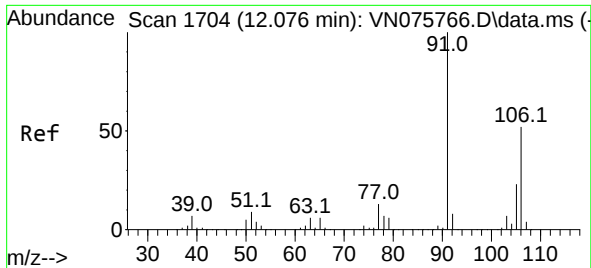
Tgt Ion:117 Resp: 432774
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 32.2 24.6 37.0



#67
Ethyl Benzene
Concen: 0.278 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 91 Resp: 4169
Ion Ratio Lower Upper
91 100
106 27.9 25.7 38.5

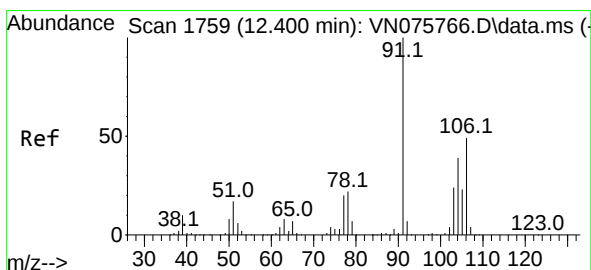
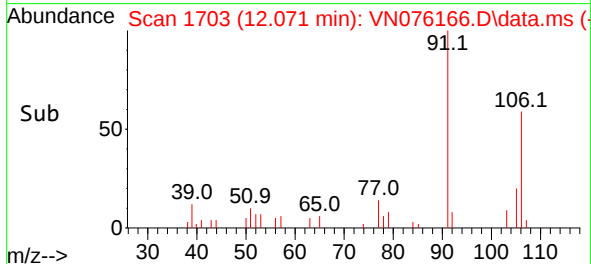
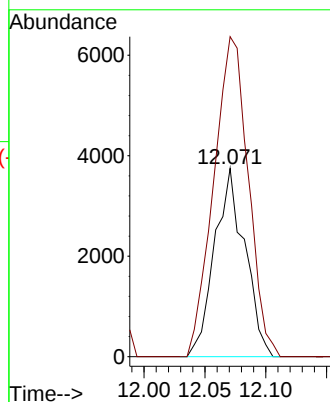
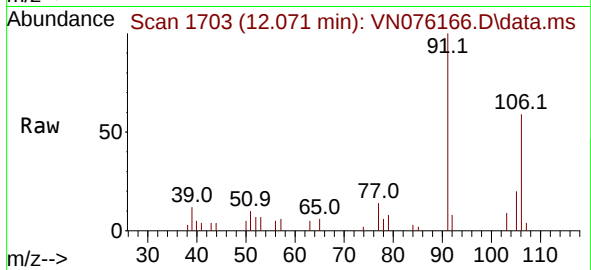




#68
m/p-Xylenes
Concen: 1.092 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

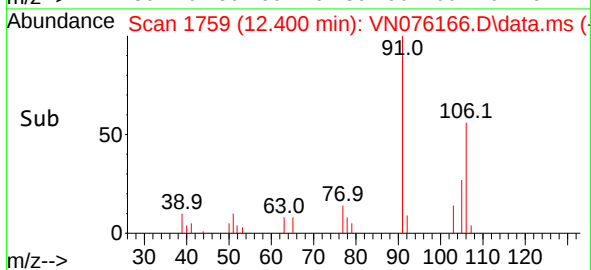
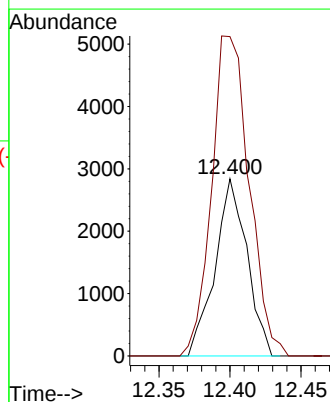
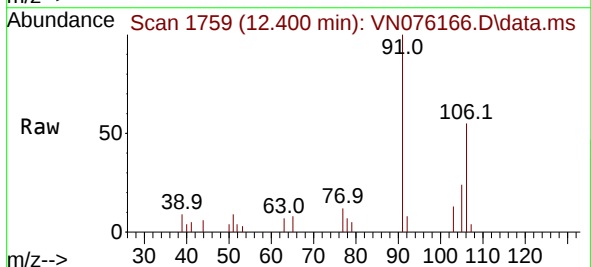
Instrument :
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BUR-1550

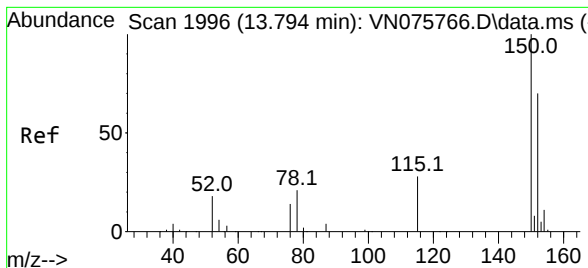
Tgt Ion:106 Resp: 6480
Ion Ratio Lower Upper
106 100
91 194.2 156.6 235.0



#69
o-Xylene
Concen: 0.755 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion:106 Resp: 4436
Ion Ratio Lower Upper
106 100
91 212.4 103.8 311.6

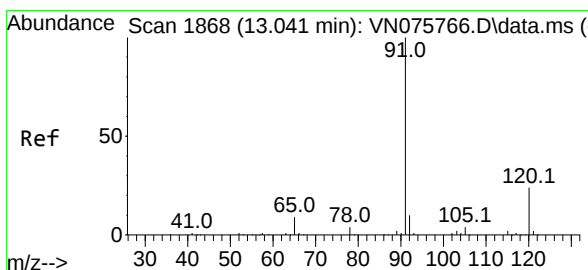
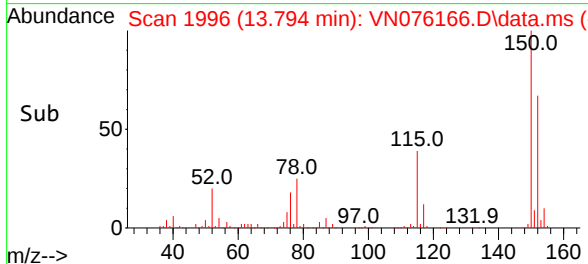
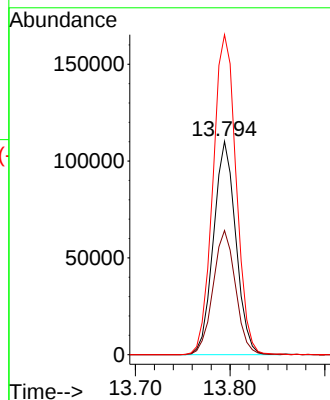
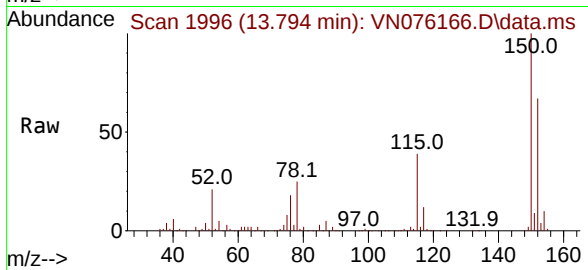




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

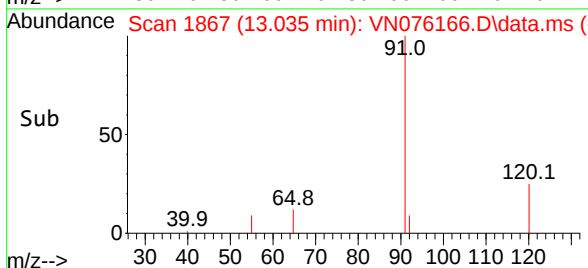
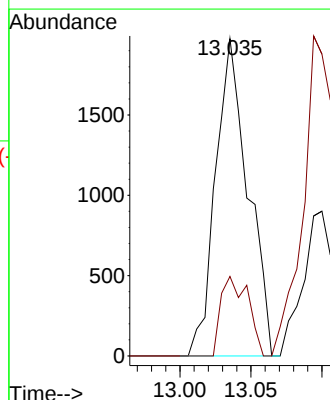
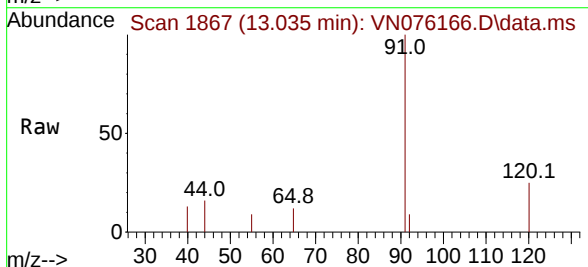
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

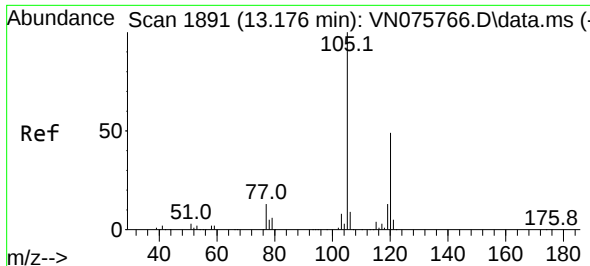
Tgt Ion:152 Resp: 180348
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 155.9 0.0 347.0



#78
n-propylbenzene
Concen: 0.218 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 91 Resp: 3132
Ion Ratio Lower Upper
91 100
120 21.0 12.0 36.1

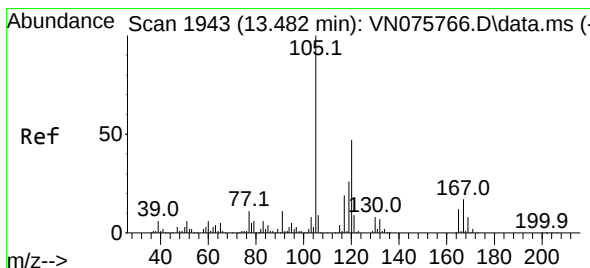
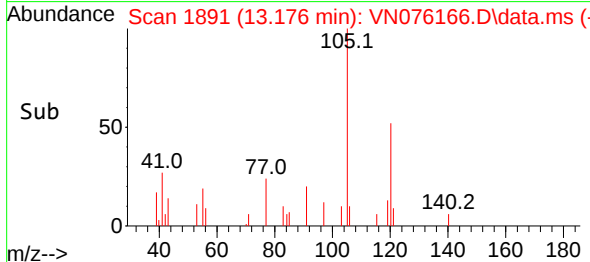
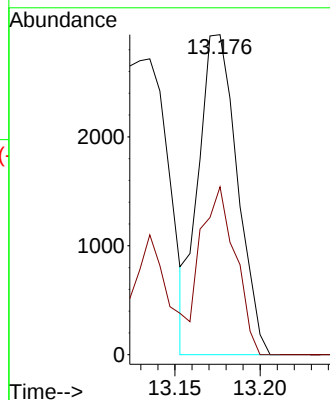
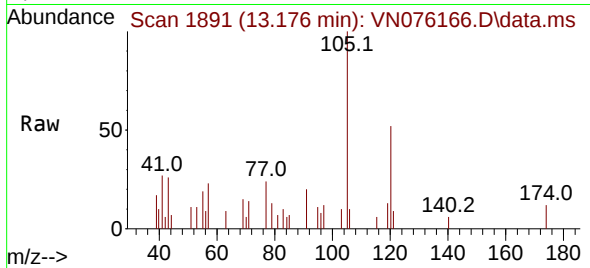




#80
 1,3,5-Trimethylbenzene
 Concen: 0.429 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076166.D
 Acq: 09 Jan 2023 19:16

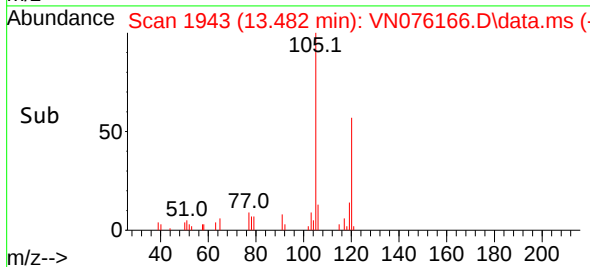
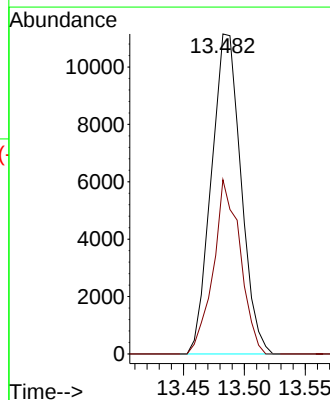
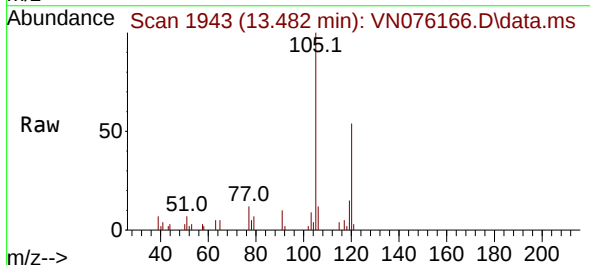
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1550

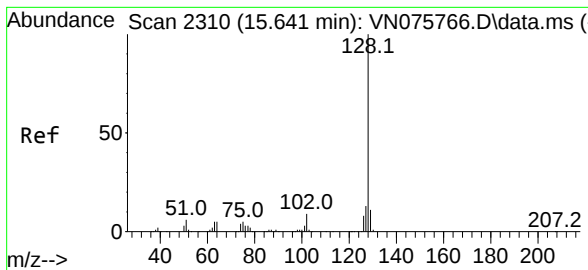
Tgt Ion:105 Resp: 4677
 Ion Ratio Lower Upper
 105 100
 120 45.5 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.744 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076166.D
 Acq: 09 Jan 2023 19:16

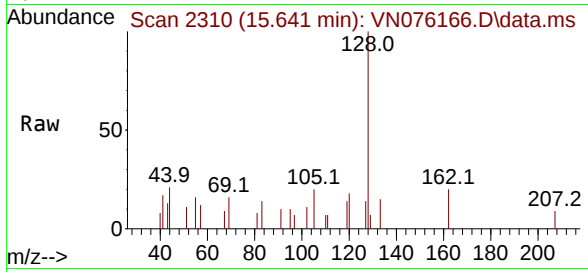
Tgt Ion:105 Resp: 18868
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.3 69.8





#95
Naphthalene
Concen: 2.596 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
BUR-1550



Tgt Ion:128 Resp: 4294
Ion Ratio Lower Upper
128 100
127 10.0 10.4 15.6#
129 7.1 8.7 13.1#

