

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073136.D
 Acq On : 26 Jun 2022 03:43
 Operator : JC\MD
 Sample : N3494-26
 Misc : 4.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-2

Quant Time: Jun 27 03:55:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	355086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	560053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	546132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	389238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	200827	41.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.660%
35) Dibromofluoromethane	7.945	113	169220	48.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.374	98	605247	46.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.668	95	302001	65.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.400%#

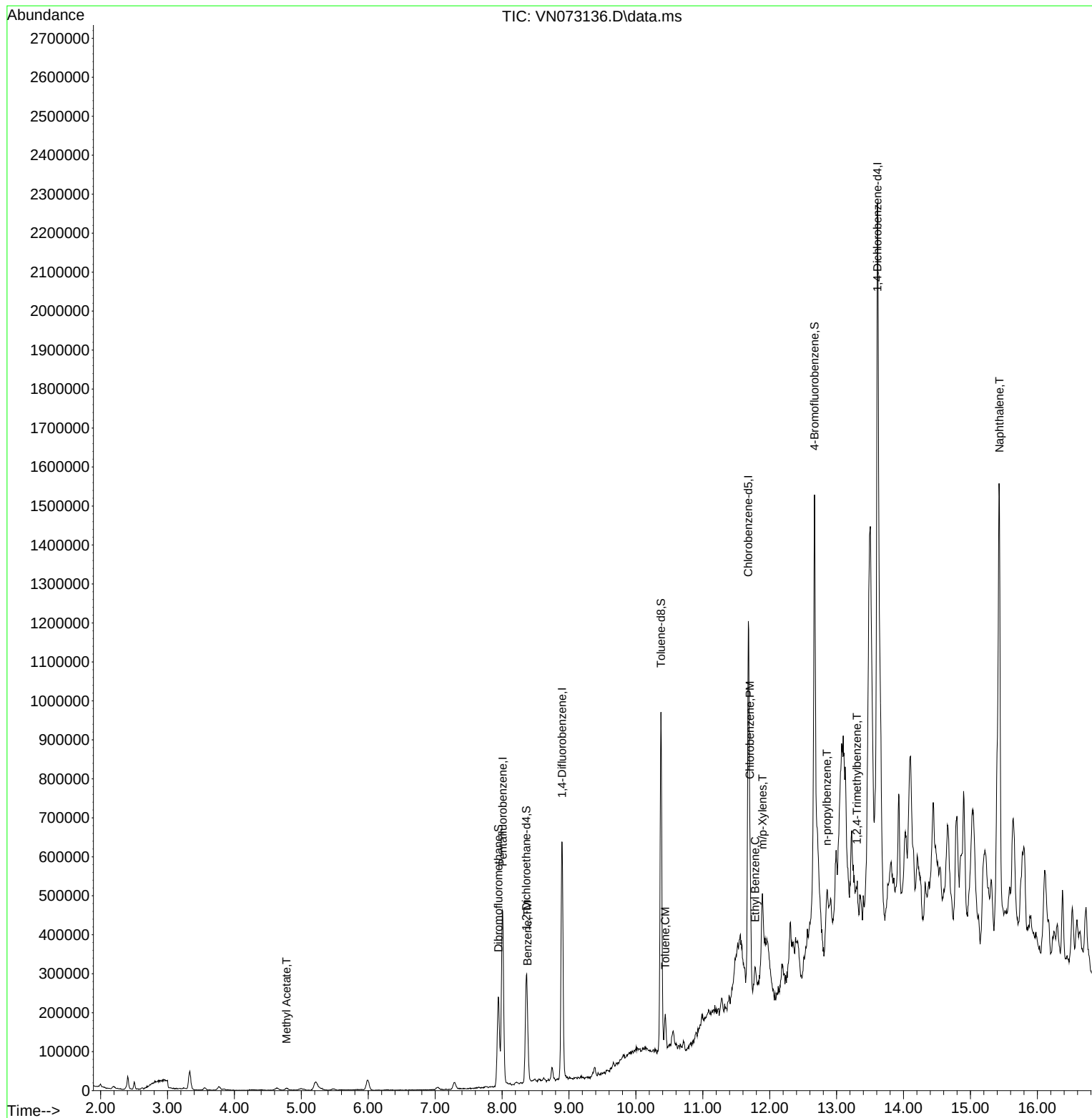
Target Compounds					Qvalue	
18) Methyl Acetate	4.781	43	12297	1.750	ug/l	# 88
40) Benzene	8.381	78	76838	5.220	ug/l	96
52) Toluene	10.439	92	36909	4.084	ug/l	98
65) Chlorobenzene	11.704	112	160951	15.091	ug/l	96
67) Ethyl Benzene	11.780	91	55143	2.937	ug/l	97
68) m/p-Xylenes	11.892	106	52075	7.072	ug/l	98
78) n-propylbenzene	12.857	91	85275	2.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	49946	2.027	ug/l	87
95) Naphthalene	15.433	128	1170333	38.921	ug/l	97

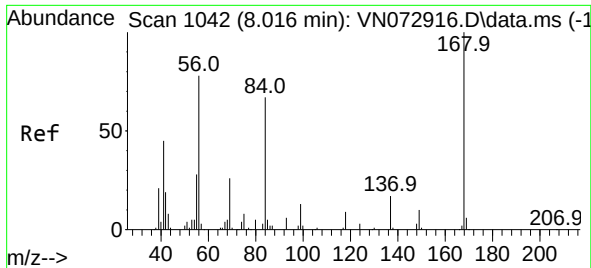
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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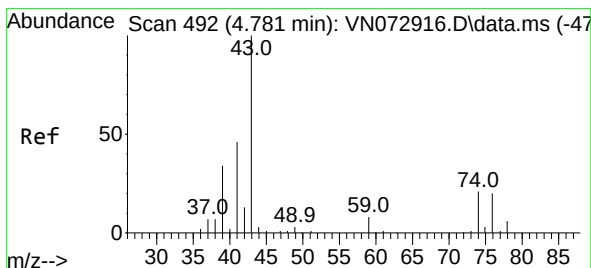
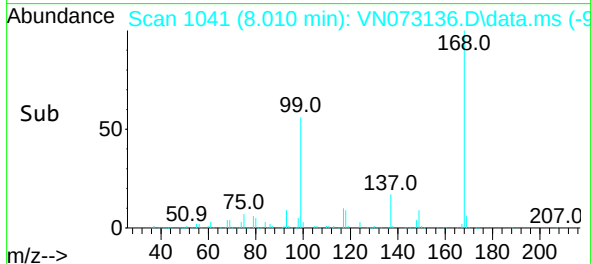
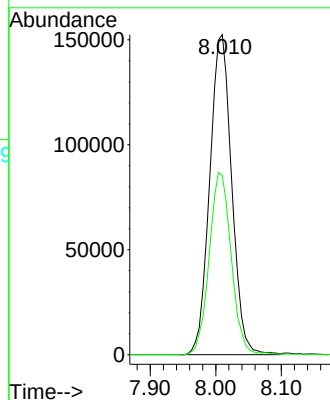
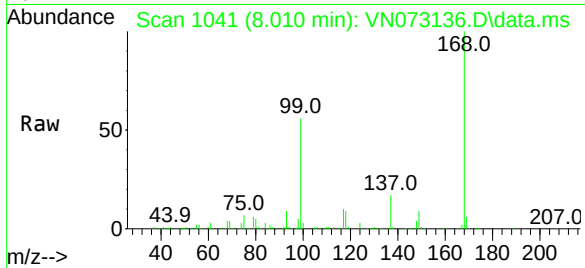




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

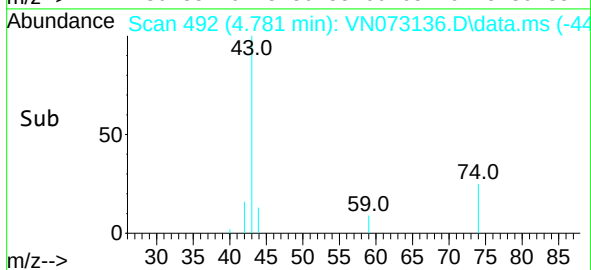
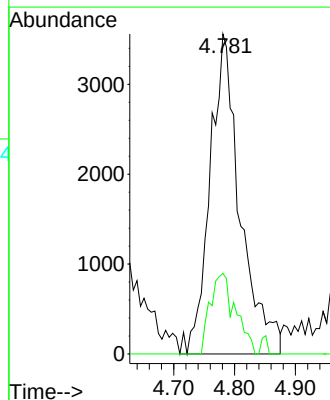
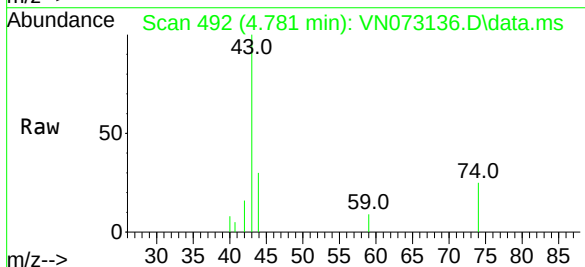
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2

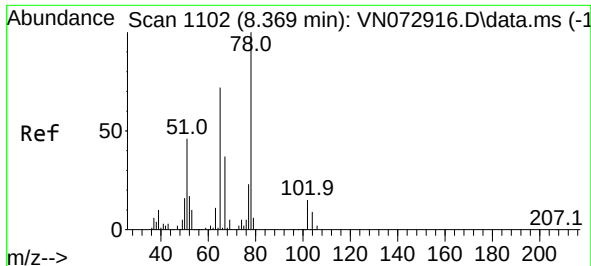
Tgt Ion:168 Resp: 355086
Ion Ratio Lower Upper
168 100
99 56.0 42.3 63.5



#18
Methyl Acetate
Concen: 1.750 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion: 43 Resp: 12297
Ion Ratio Lower Upper
43 100
74 21.0 21.6 32.4#





#33

1,2-Dichloroethane-d4

Concen: 41.833 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073136.D

Acq: 26 Jun 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

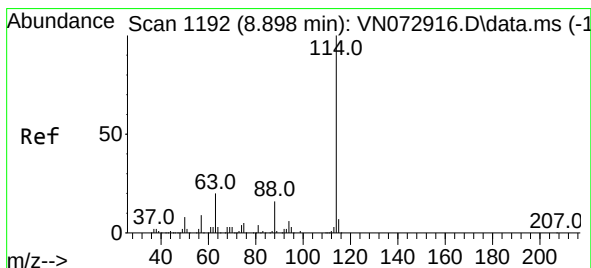
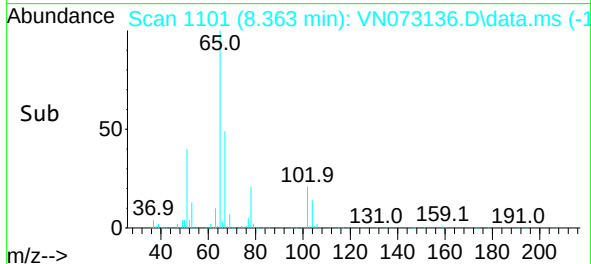
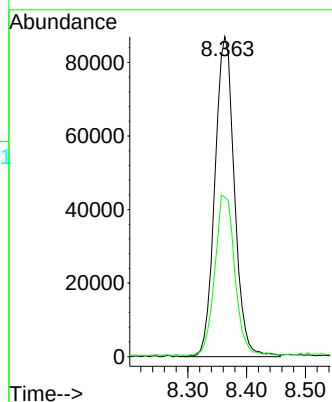
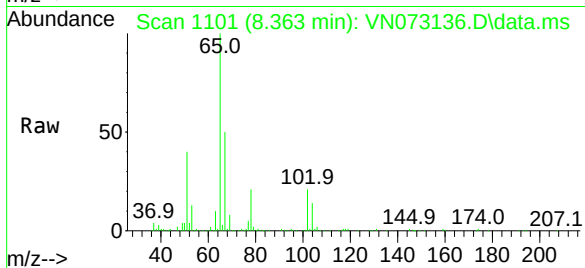
SP-EXC-1-2

Tgt Ion: 65 Resp: 200827

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073136.D

Acq: 26 Jun 2022 03:43

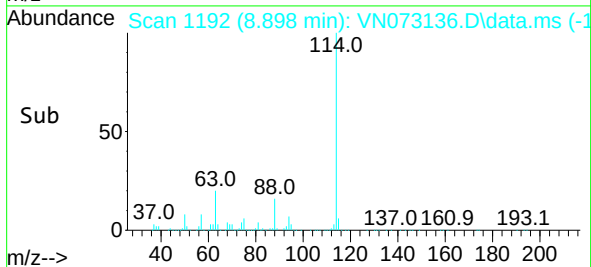
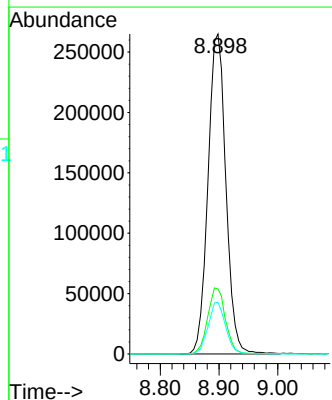
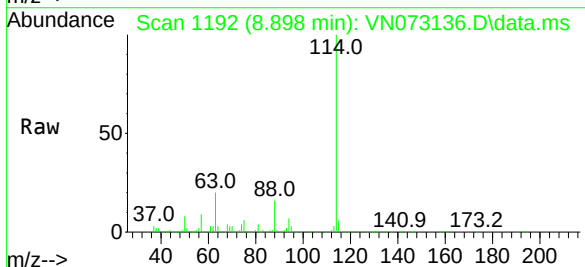
Tgt Ion: 114 Resp: 560053

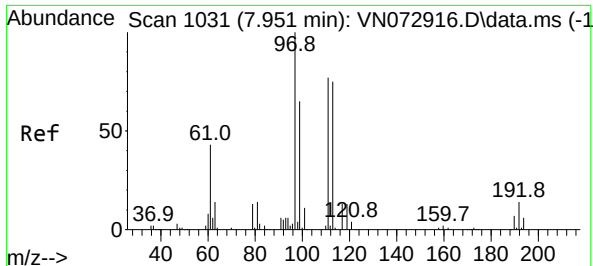
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.884 ug/l

RT: 7.945 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073136.D

Acq: 26 Jun 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-2

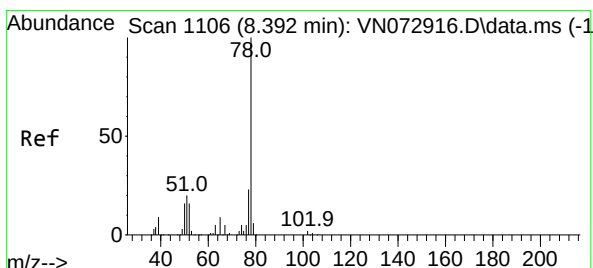
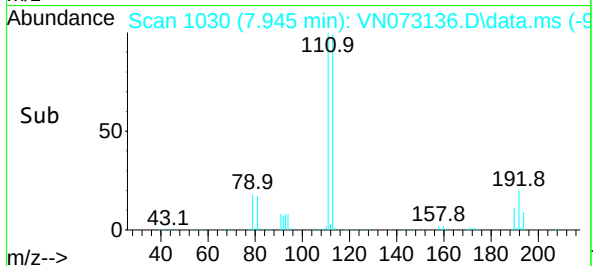
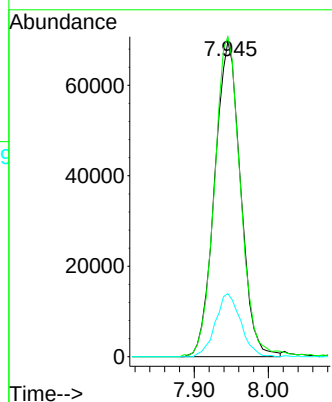
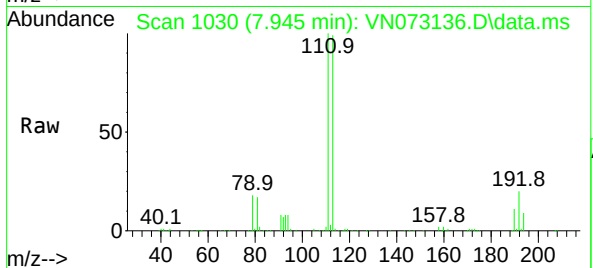
Tgt Ion:113 Resp: 169220

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.5 17.0 25.6



#40

Benzene

Concen: 5.220 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073136.D

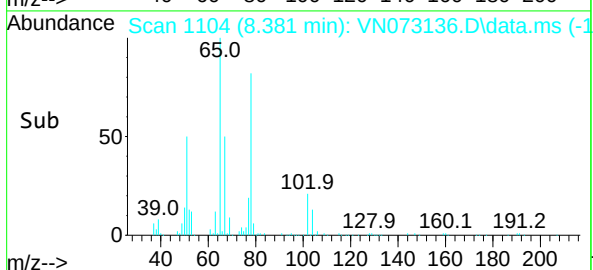
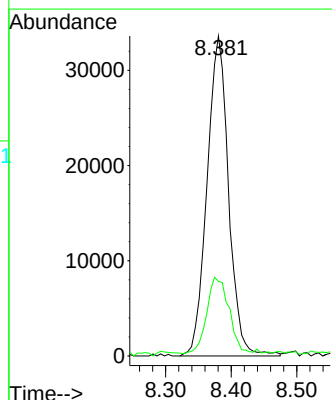
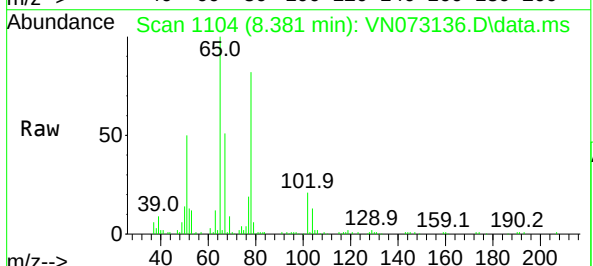
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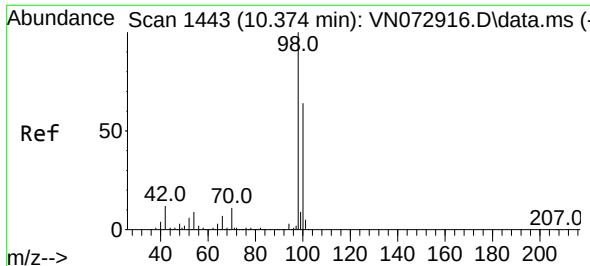
Tgt Ion: 78 Resp: 76838

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

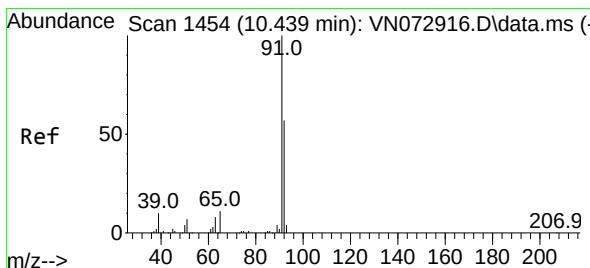
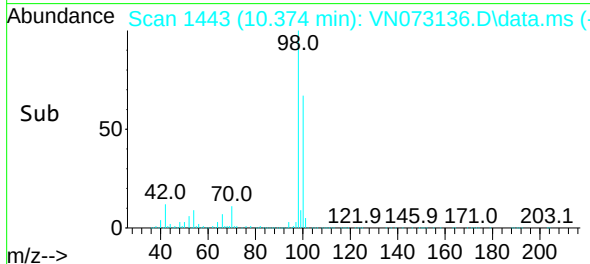
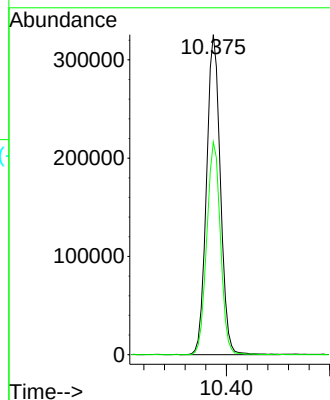
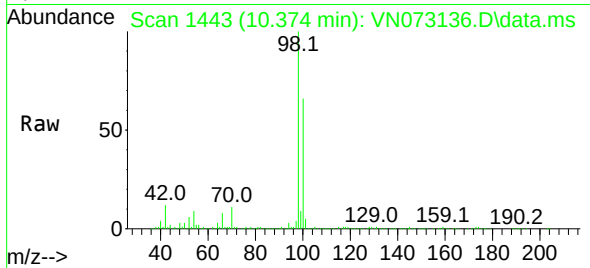




#50
Toluene-d8
Concen: 46.988 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

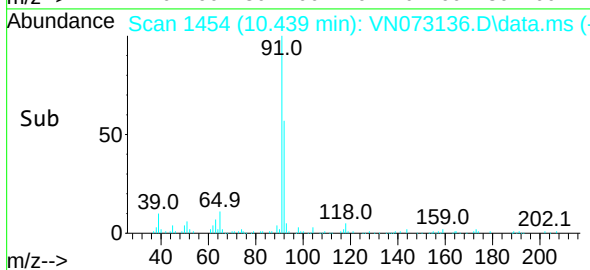
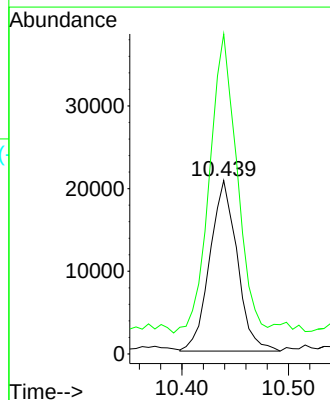
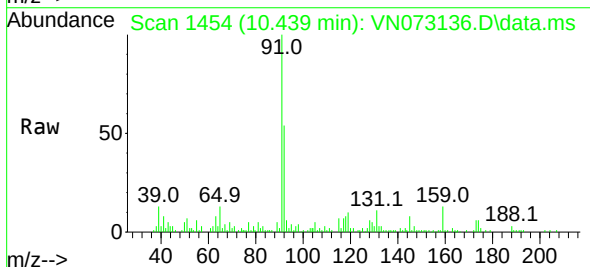
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SP-EXC-1-2

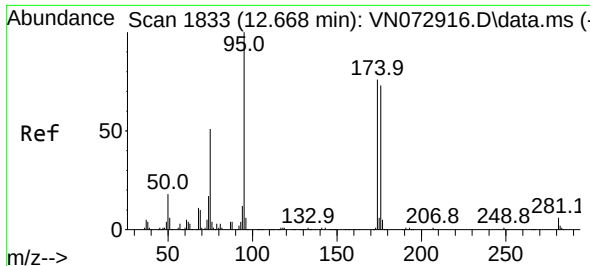
Tgt Ion: 98 Resp: 605247
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 4.084 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion: 92 Resp: 36909
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

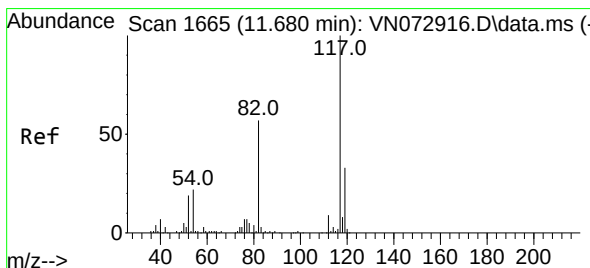
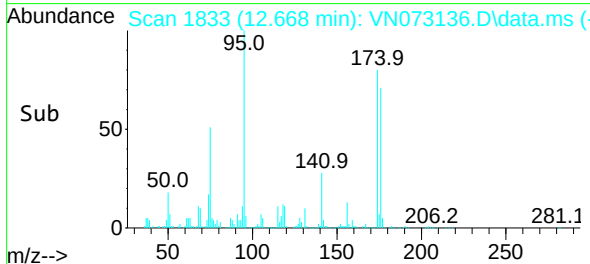
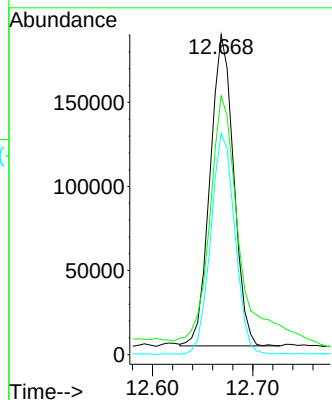
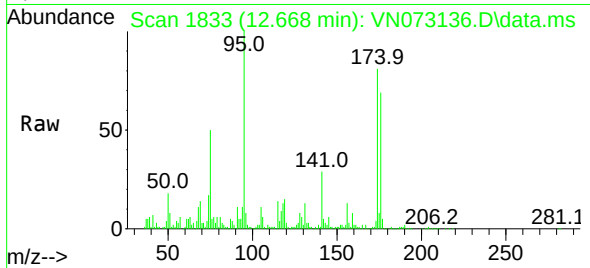




#62
4-Bromofluorobenzene
Concen: 65.202 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

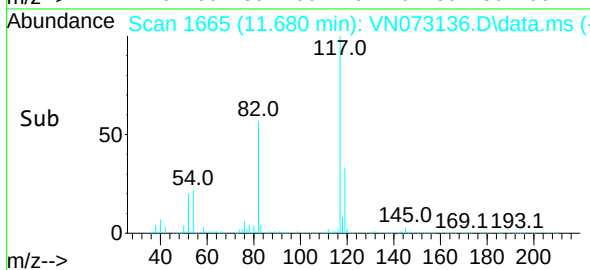
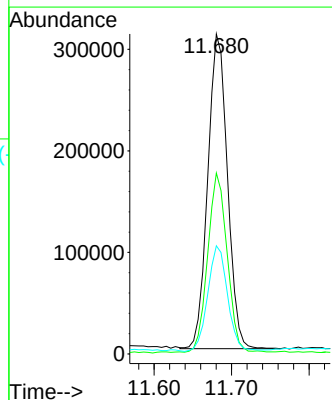
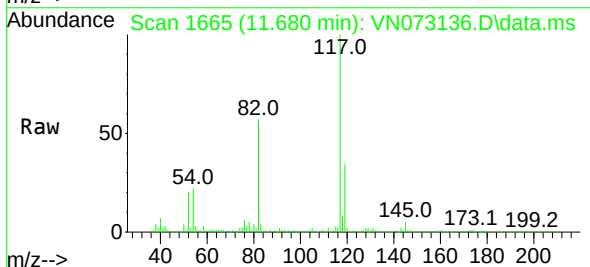
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-2

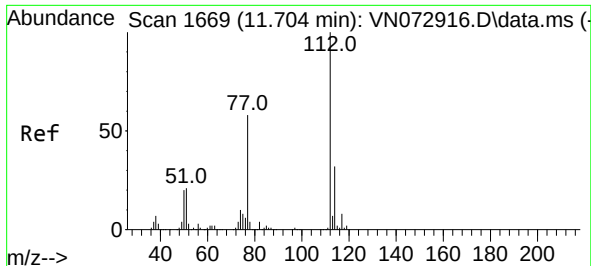
Tgt Ion: 95 Resp: 302001
Ion Ratio Lower Upper
95 100
174 110.5 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion: 117 Resp: 546132
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.3 25.4 38.0

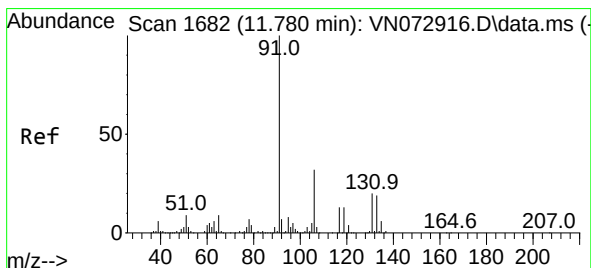
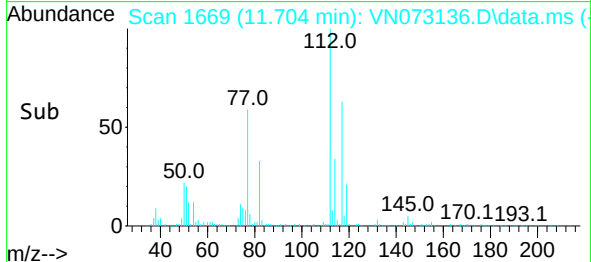
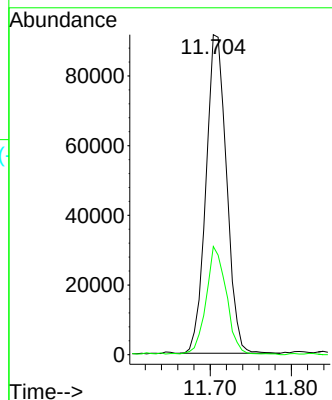
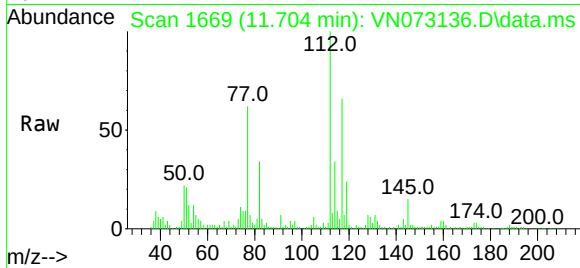




#65
Chlorobenzene
Concen: 15.091 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

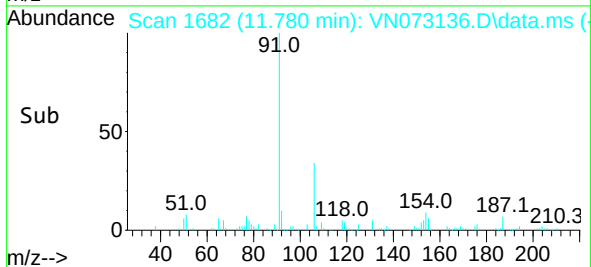
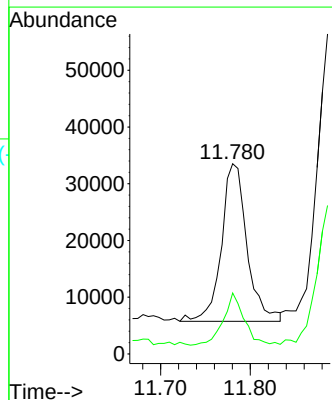
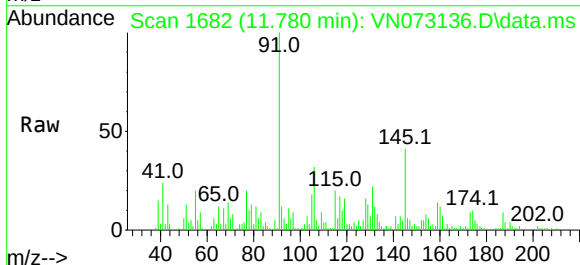
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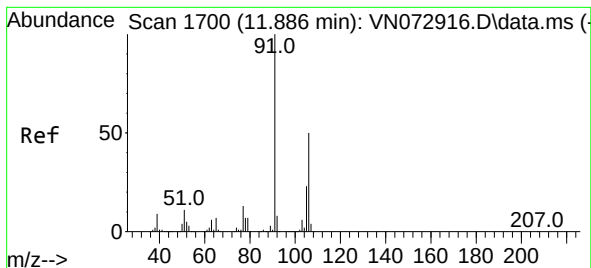
Tgt Ion:112 Resp: 160951
Ion Ratio Lower Upper
112 100
114 34.0 25.4 38.2



#67
Ethyl Benzene
Concen: 2.937 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion: 91 Resp: 55143
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

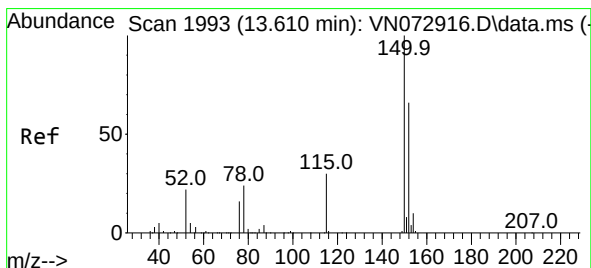
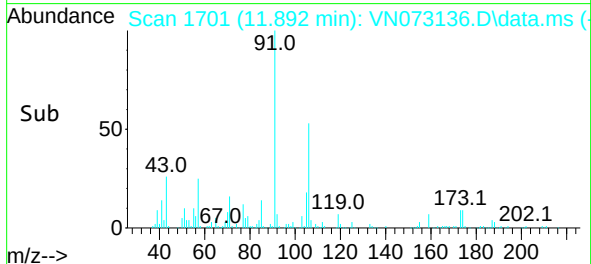
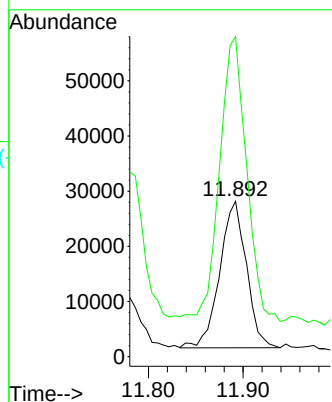
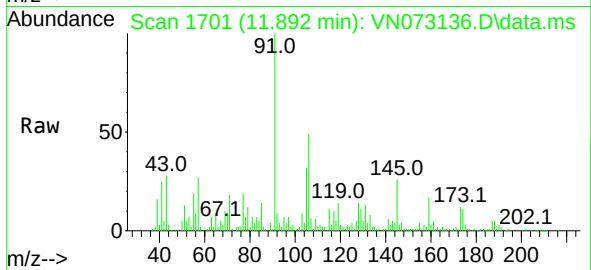




#68
m/p-Xylenes
Concen: 7.072 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

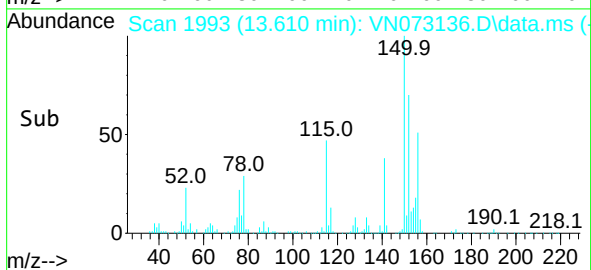
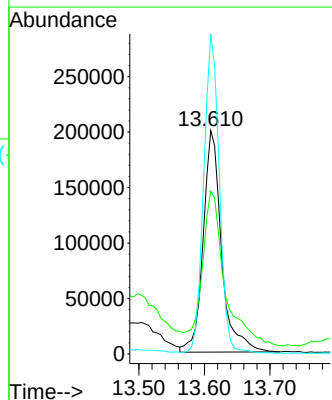
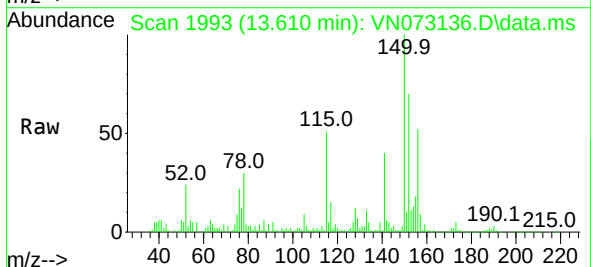
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MSVOA_N
ClientSampleId :
SP-EXC-1-2

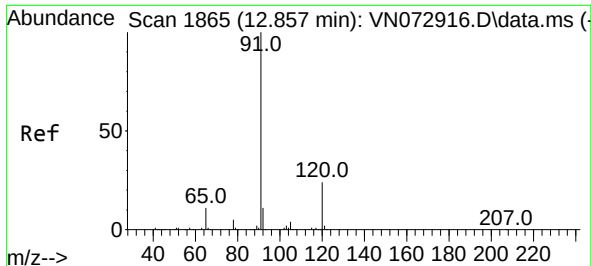
Tgt Ion:106 Resp: 52075
Ion Ratio Lower Upper
106 100
91 202.1 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion:152 Resp: 389238
Ion Ratio Lower Upper
152 100
115 85.9 28.9 86.7
150 123.5 0.0 356.2

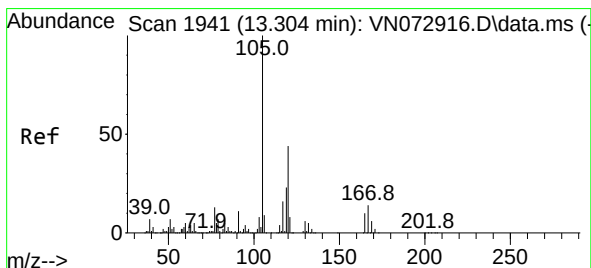
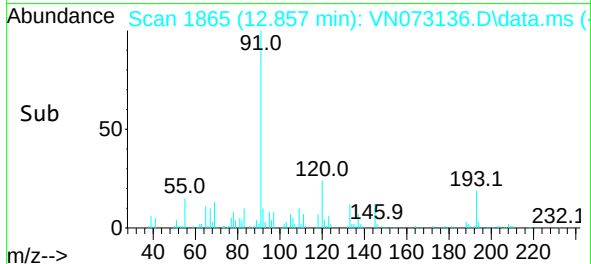
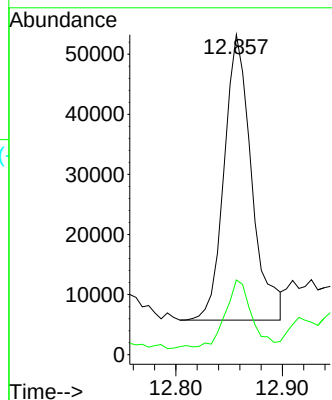
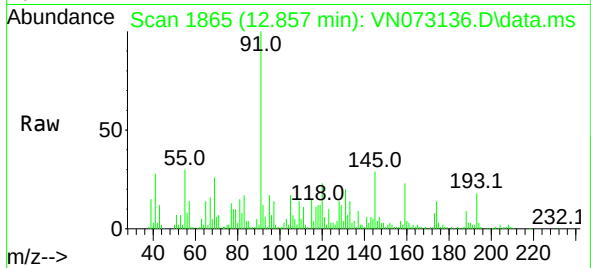




#78
n-propylbenzene
Concen: 2.575 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

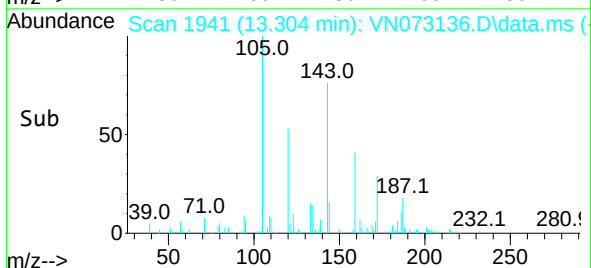
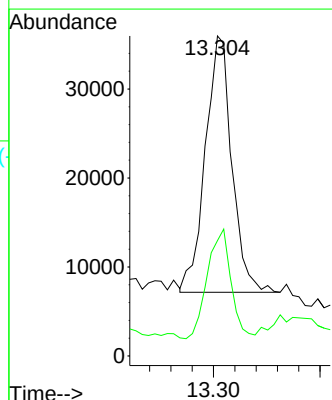
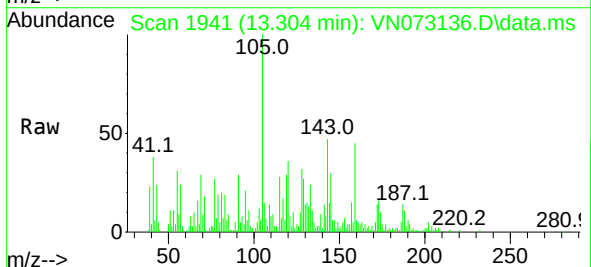
Instrument : MSVOA_N
ClientSampleId : SP-EXC-1-2

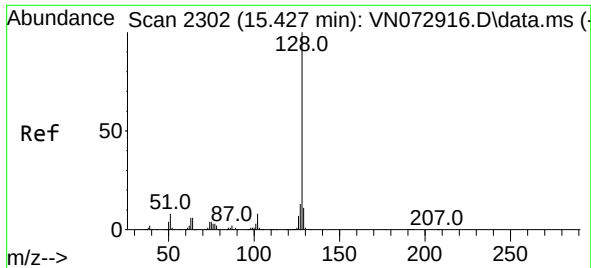
Tgt Ion: 91 Resp: 85275
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 2.027 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073136.D
Acq: 26 Jun 2022 03:43

Tgt Ion: 105 Resp: 49946
Ion Ratio Lower Upper
105 100
120 38.1 23.3 69.8





#95

Naphthalene

Concen: 38.921 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073136.D

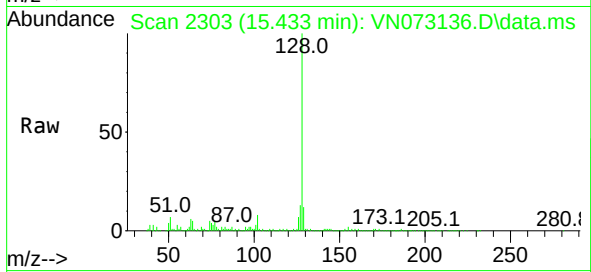
Acq: 26 Jun 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-2



Tgt Ion:128 Resp: 1170333

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 12.4 8.6 13.0

