

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073132.D
 Acq On : 26 Jun 2022 02:05
 Operator : JC\MD
 Sample : N3494-06
 Misc : 4.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

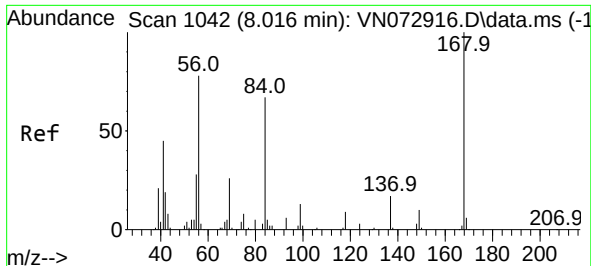
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-4

Quant Time: Jun 27 03:52:44 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	327778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	522152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	519914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	281294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	188228	42.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.960%
35) Dibromofluoromethane	7.945	113	157410	48.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.375	98	562599	46.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.669	95	275445	63.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.580%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	262496	40.466	ug/l	91
40) Benzene	8.375	78	22294	1.624	ug/l #	85
52) Toluene	10.439	92	15397	1.827	ug/l	100
65) Chlorobenzene	11.710	112	163684	16.121	ug/l	98
67) Ethyl Benzene	11.780	91	27214	1.523	ug/l	89
68) m/p-Xylenes	11.886	106	30721	4.382	ug/l	92
78) n-propylbenzene	12.857	91	28560	1.193	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	30172	1.695	ug/l	81
91) 1,2-Dichlorobenzene	13.921	146	29539	3.043	ug/l #	72
95) Naphthalene	15.433	128	59786	2.751	ug/l #	84

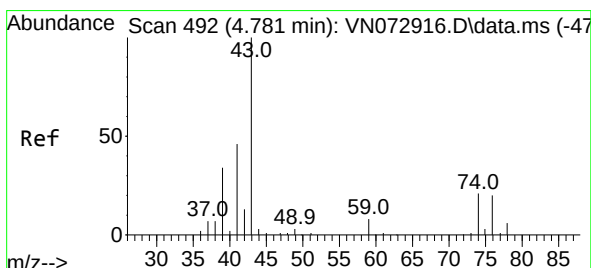
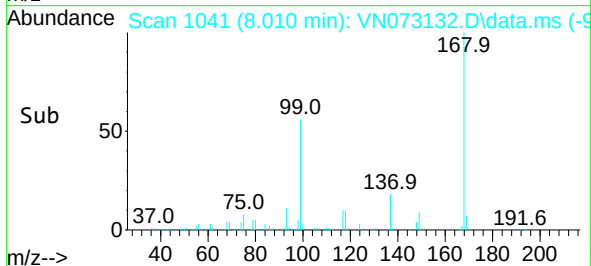
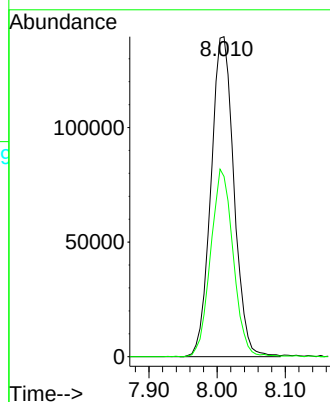
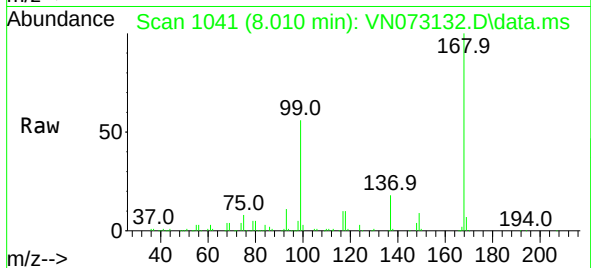
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073132.D
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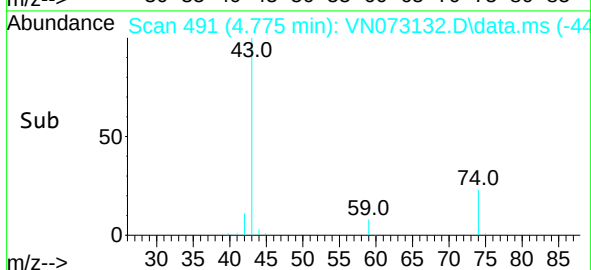
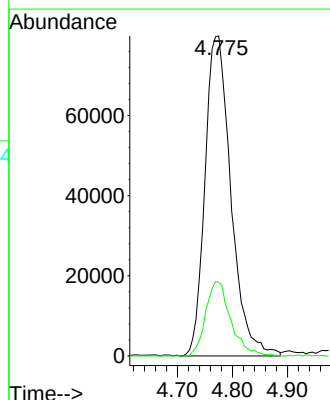
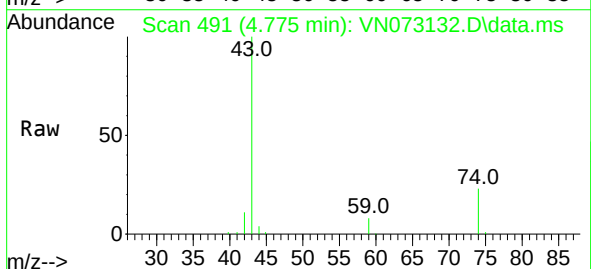
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

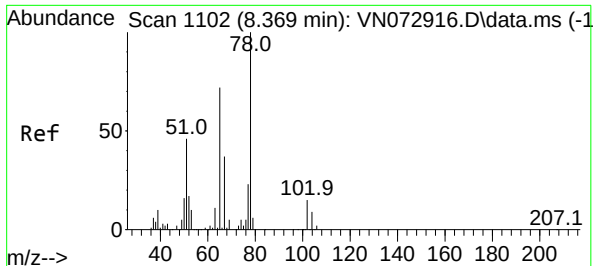
Tgt Ion:168 Resp: 327778
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#18
Methyl Acetate
Concen: 40.466 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

Tgt Ion: 43 Resp: 262496
Ion Ratio Lower Upper
43 100
74 22.5 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: 42.475 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073132.D

Acq: 26 Jun 2022 02:05

Instrument :

MSVOA_N

ClientSampleId :

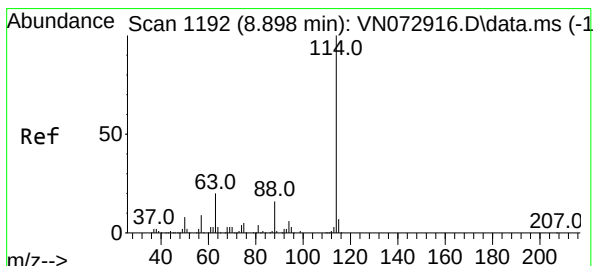
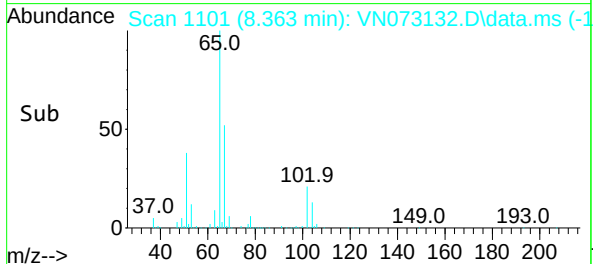
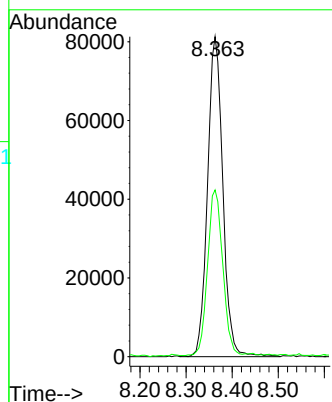
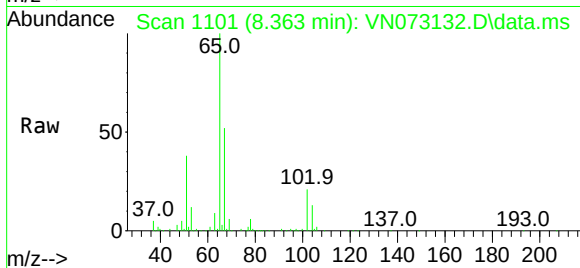
SP-EXC-1-4

Tgt Ion: 65 Resp: 188228

Ion Ratio Lower Upper

65 100

67 51.2 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: VN073132.D

Acq: 26 Jun 2022 02:05

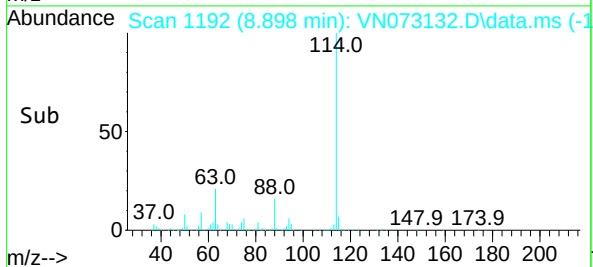
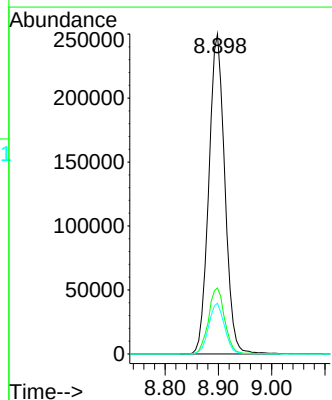
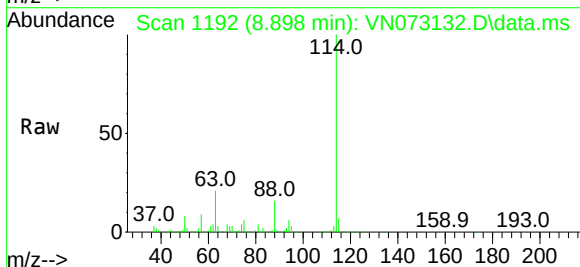
Tgt Ion: 114 Resp: 522152

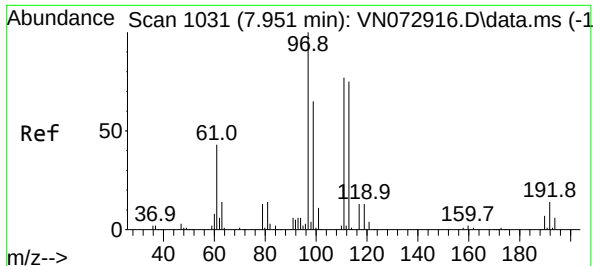
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.773 ug/l

RT: 7.945 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073132.D

Acq: 26 Jun 2022 02:05

Instrument :

MSVOA_N

ClientSampleId :

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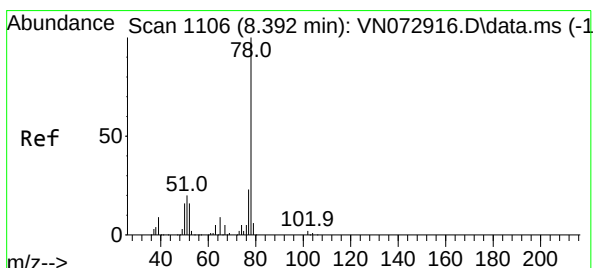
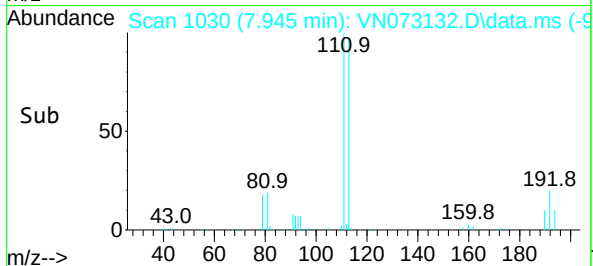
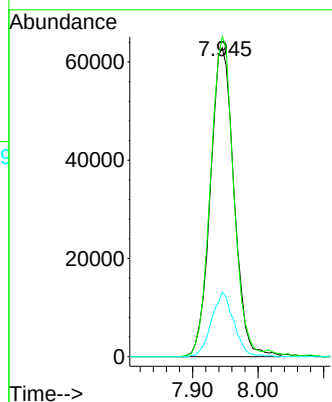
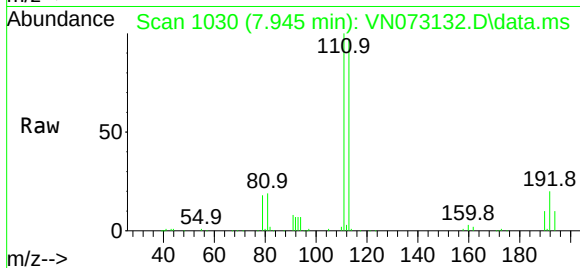
Tgt Ion:113 Resp: 157410

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 19.8 17.0 25.6



#40

Benzene

Concen: 1.624 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. -0.018 min

Lab File: VN073132.D

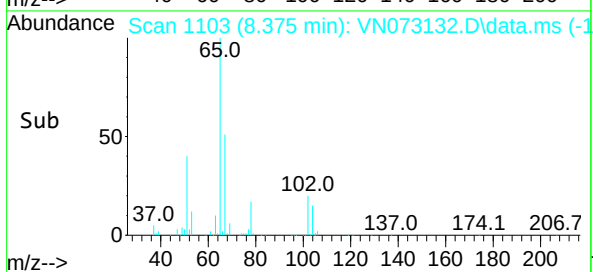
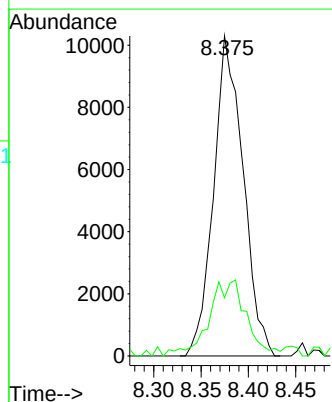
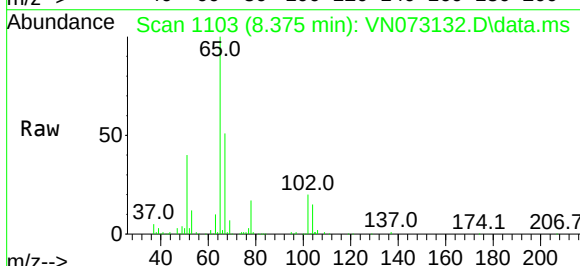
Acq: 26 Jun 2022 02:05

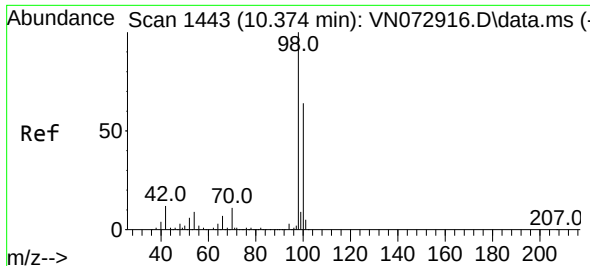
Tgt Ion: 78 Resp: 22294

Ion Ratio Lower Upper

78 100

77 16.7 19.4 29.0#

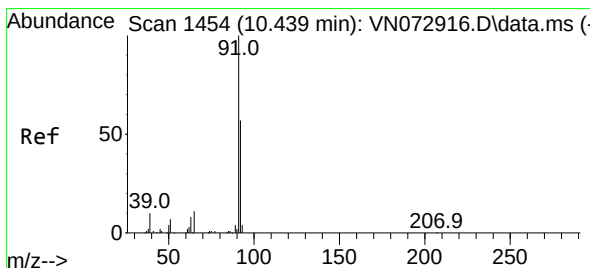
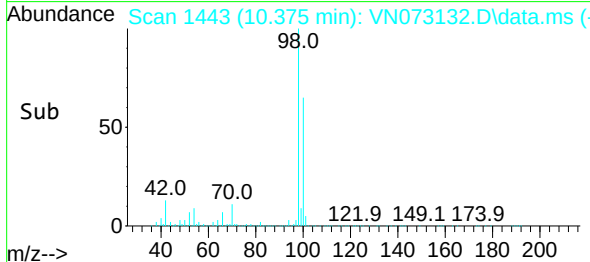
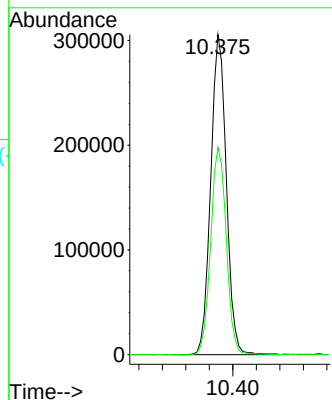
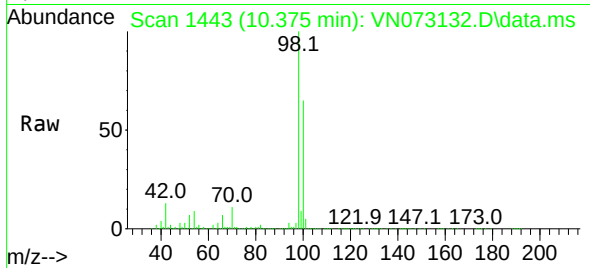




#50
Toluene-d8
Concen: 46.848 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

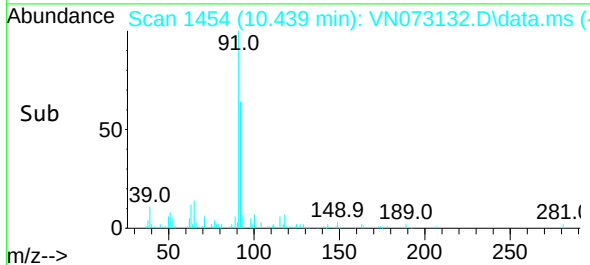
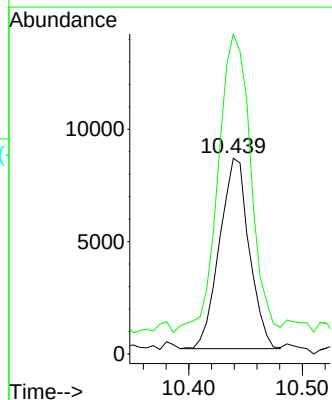
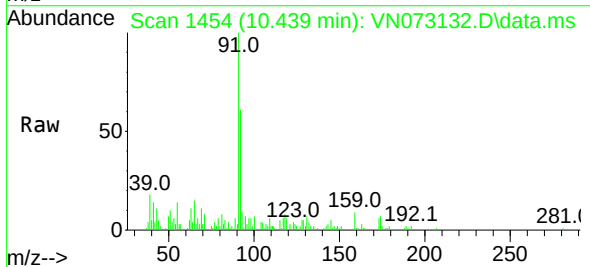
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

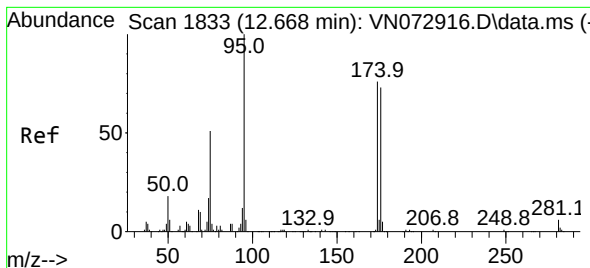
Tgt Ion: 98 Resp: 562599
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 1.827 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

Tgt Ion: 92 Resp: 15397
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

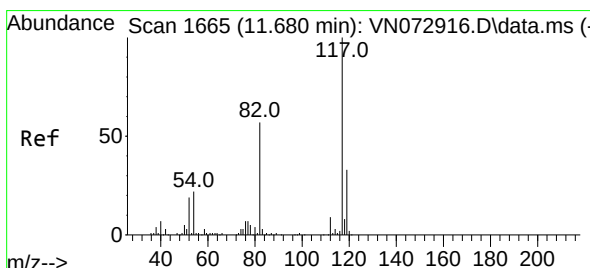
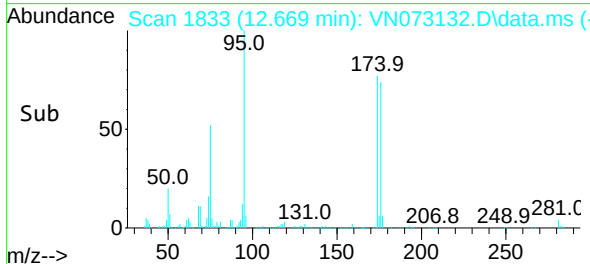
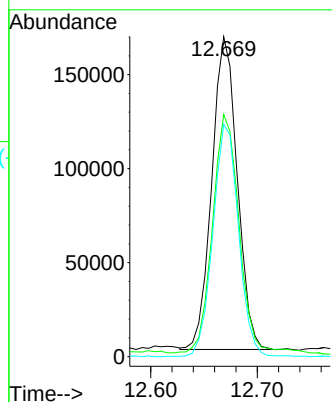
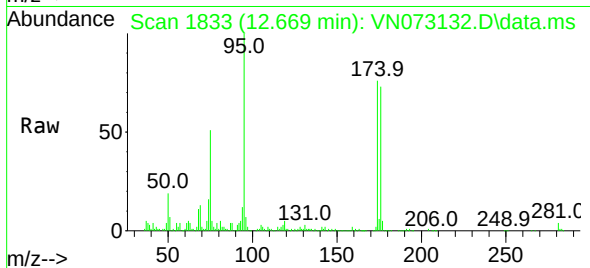




#62
4-Bromofluorobenzene
Concen: 63.785 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

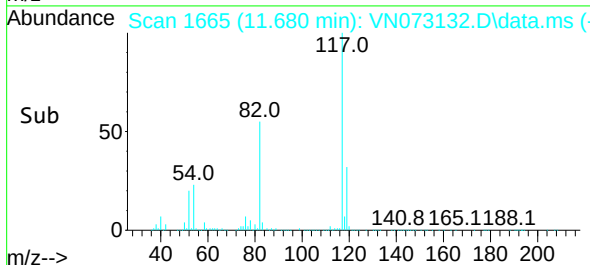
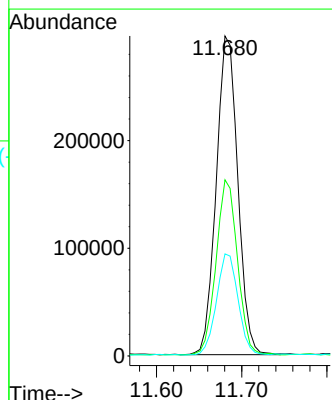
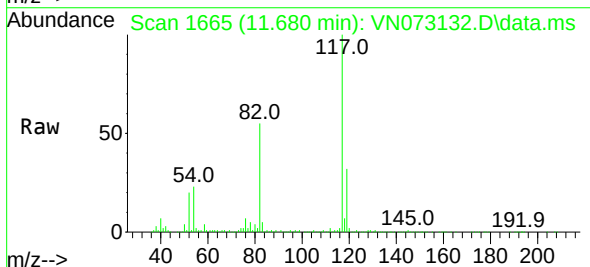
Instrument :
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ClientSampleId :
SP-EXC-1-4

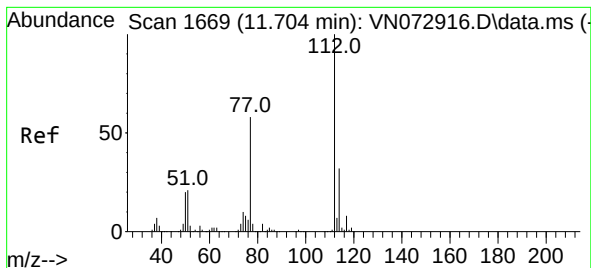
Tgt Ion: 95 Resp: 275445
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 75.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

Tgt Ion: 117 Resp: 519914
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.7 25.4 38.0





#65

Chlorobenzene

Concen: 16.121 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073132.D

Acq: 26 Jun 2022 02:05

Instrument :

MSVOA_N

ClientSampleId :

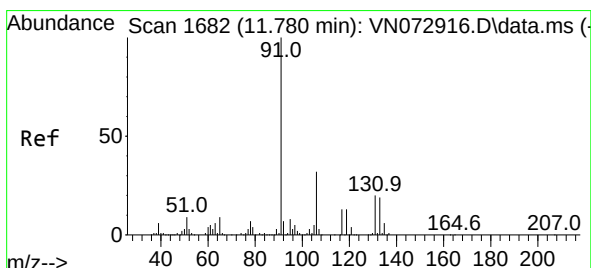
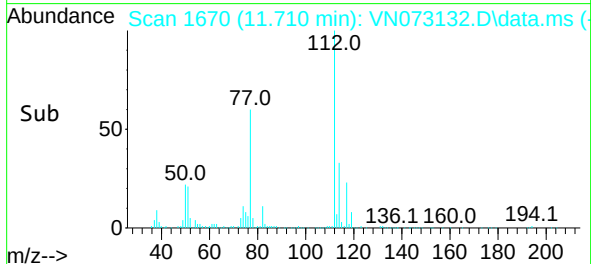
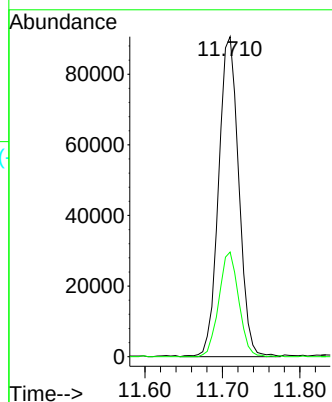
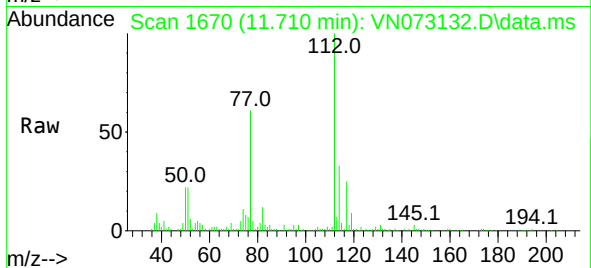
SP-EXC-1-4

Tgt Ion:112 Resp: 163684

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.2



#67

Ethyl Benzene

Concen: 1.523 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073132.D

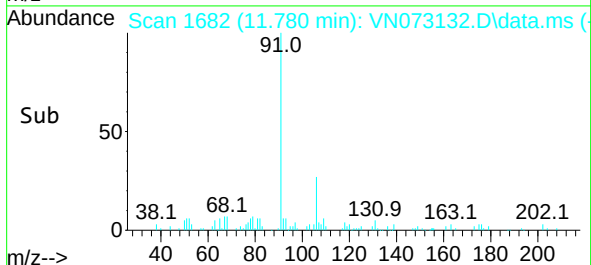
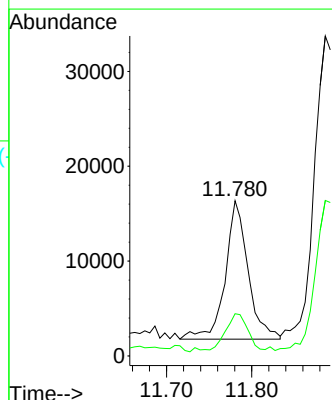
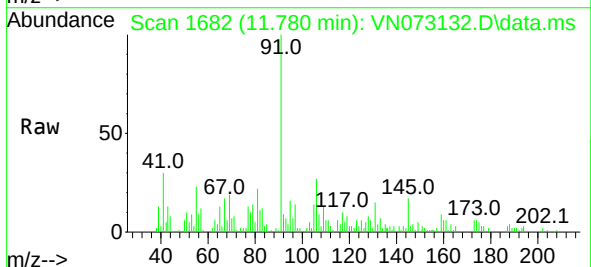
Acq: 26 Jun 2022 02:05

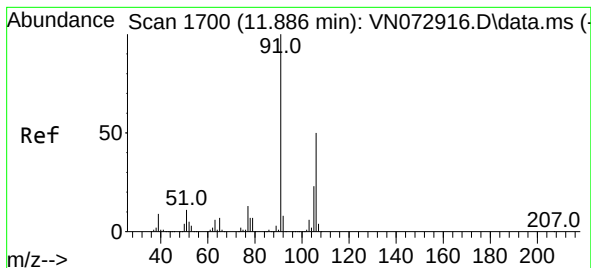
Tgt Ion: 91 Resp: 27214

Ion Ratio Lower Upper

91 100

106 25.1 24.9 37.3

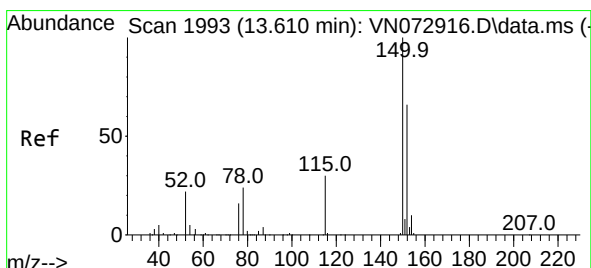
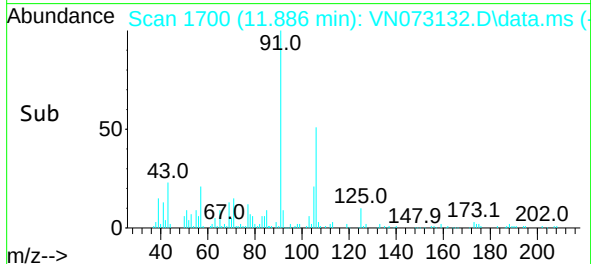
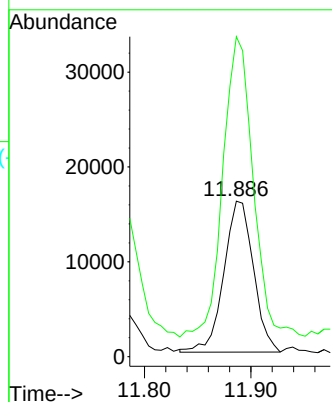
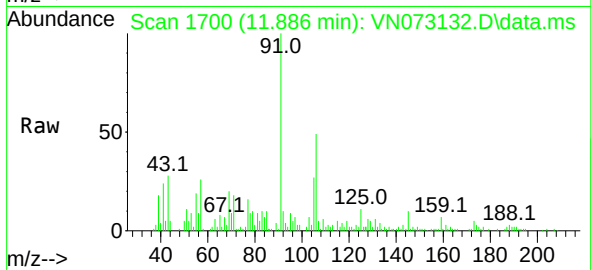




#68
m/p-Xylenes
Concen: 4.382 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

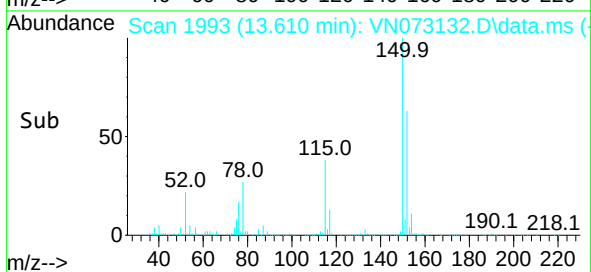
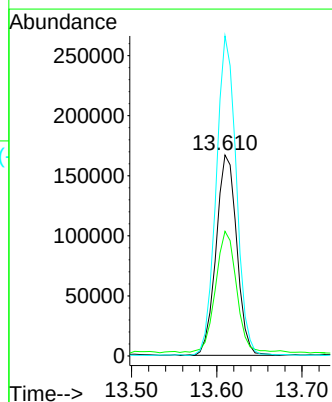
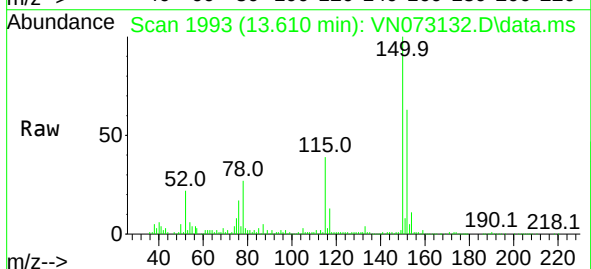
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

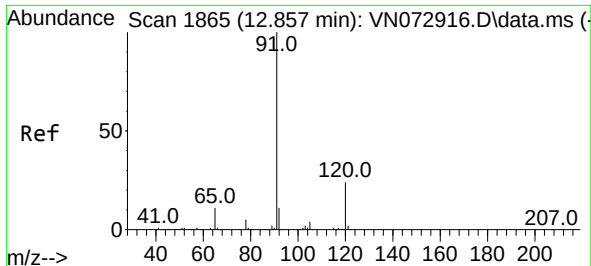
Tgt Ion:106 Resp: 30721
Ion Ratio Lower Upper
106 100
91 211.1 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

Tgt Ion:152 Resp: 281294
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 155.2 0.0 356.2

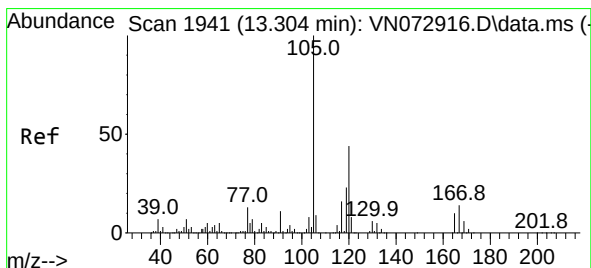
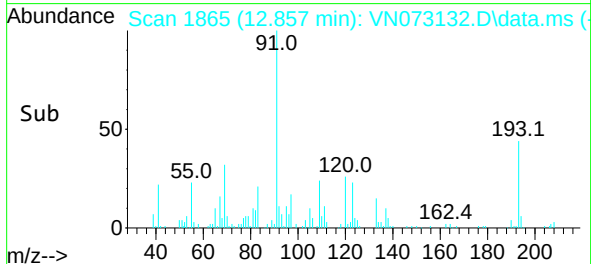
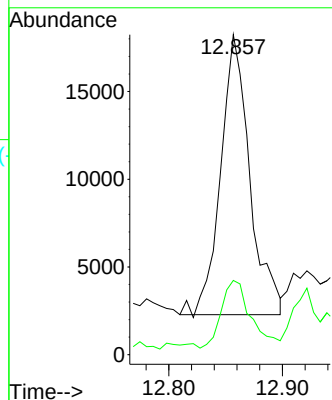
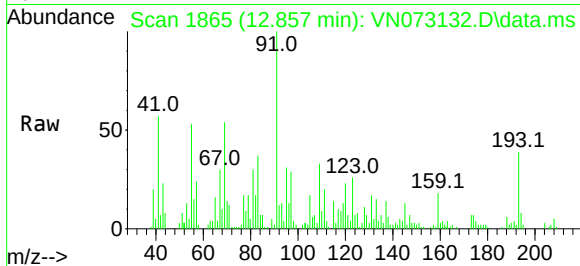




#78
n-propylbenzene
Concen: 1.193 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

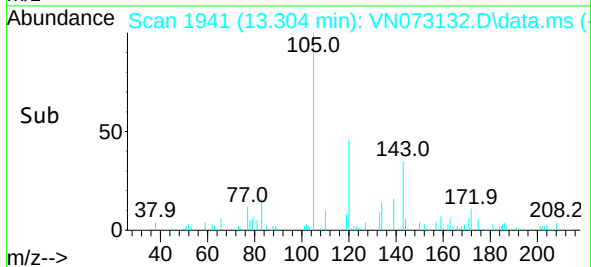
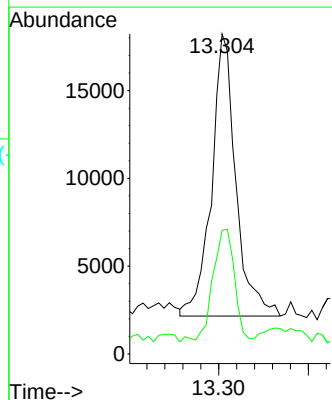
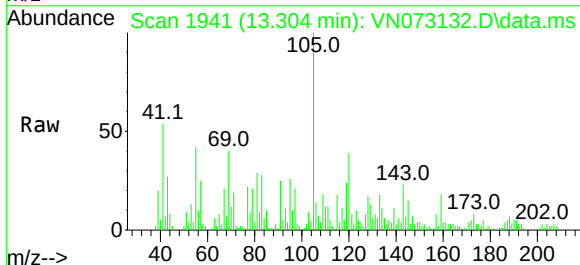
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

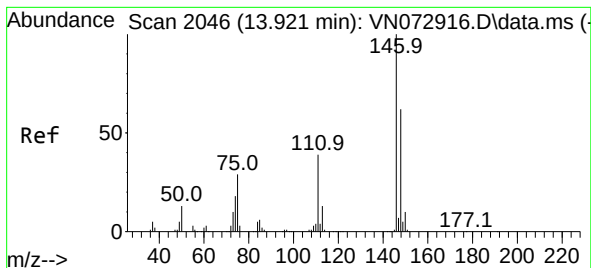
Tgt Ion: 91 Resp: 28560
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 1.695 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073132.D
Acq: 26 Jun 2022 02:05

Tgt Ion: 105 Resp: 30172
Ion Ratio Lower Upper
105 100
120 34.0 23.3 69.8





#91

1,2-Dichlorobenzene

Concen: 3.043 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073132.D

Acq: 26 Jun 2022 02:05

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-4

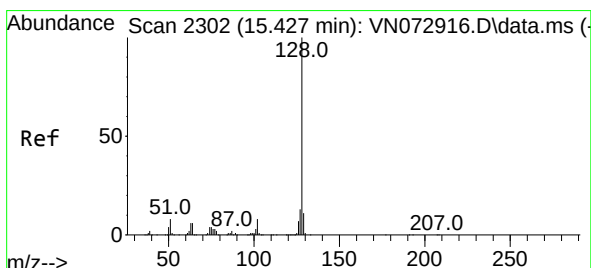
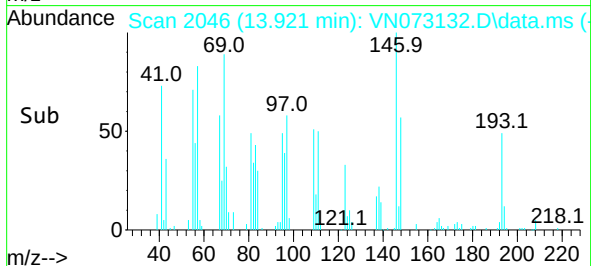
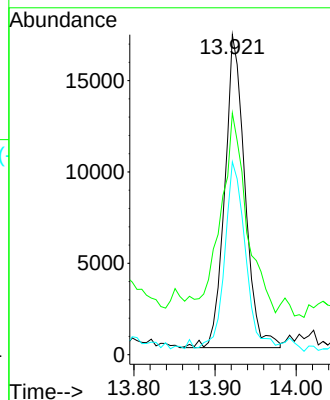
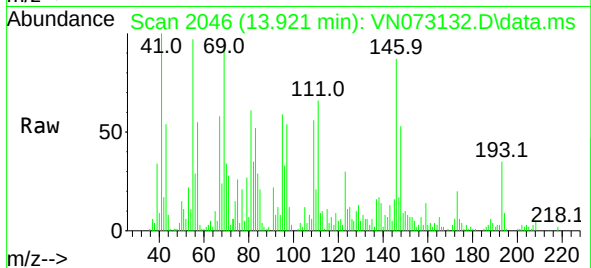
Tgt Ion:146 Resp: 29539

Ion Ratio Lower Upper

146 100

111 81.2 20.9 62.8#

148 59.4 32.1 96.3



#95

Naphthalene

Concen: 2.751 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073132.D

Acq: 26 Jun 2022 02:05

Tgt Ion:128 Resp: 59786

Ion Ratio Lower Upper

128 100

127 19.1 10.3 15.5#

129 17.2 8.6 13.0#

