

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073116.D
 Acq On : 25 Jun 2022 17:32
 Operator : JC\MD
 Sample : N3455-17
 Misc : 3.90g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3

Quant Time: Jun 27 03:44:22 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)

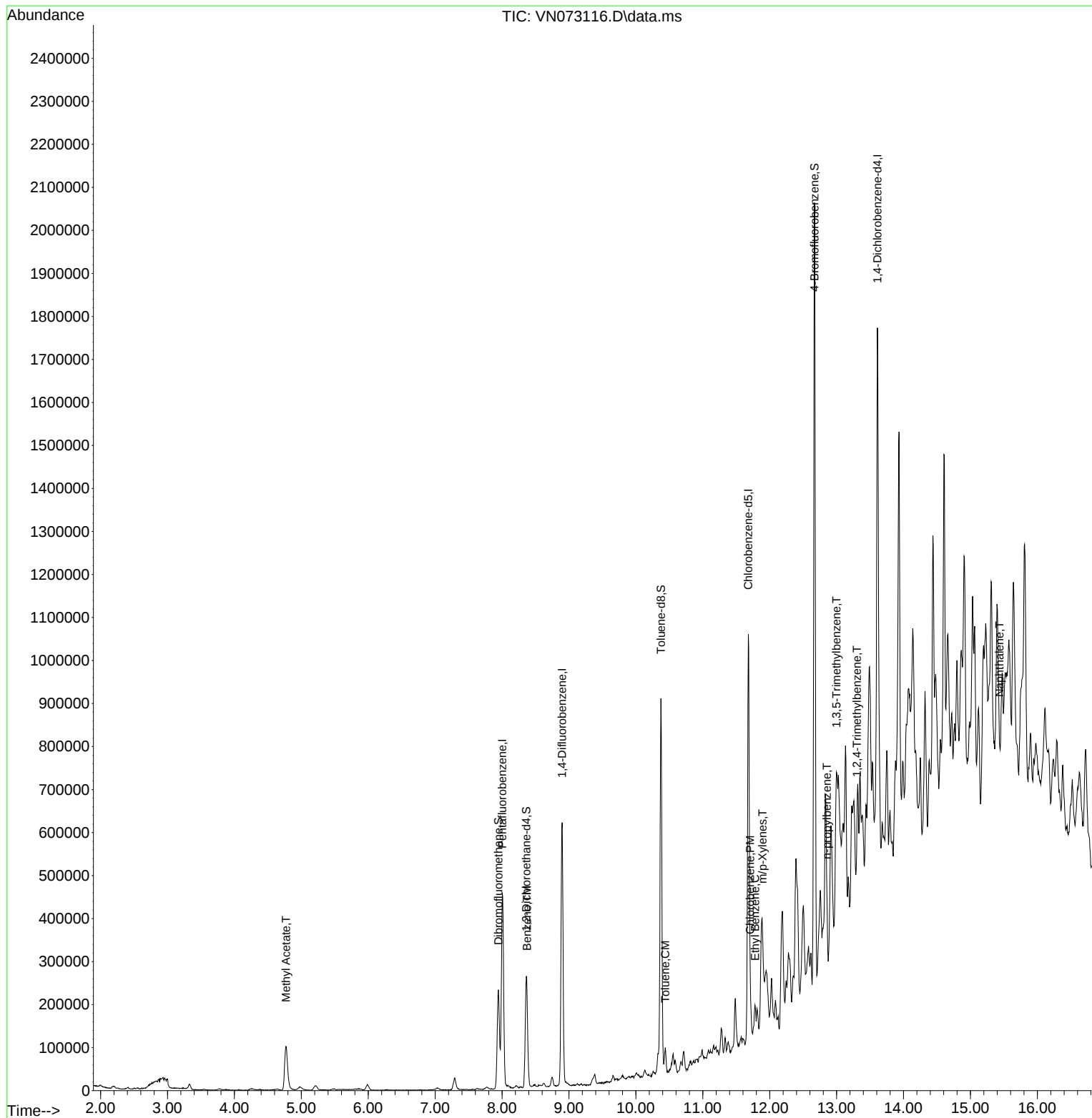
Internal Standards						
1) Pentafluorobenzene	8.004	168	359941	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	562773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	563985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	335666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	202411	41.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.180%
35) Dibromofluoromethane	7.945	113	169535	48.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.375	98	609578	47.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.669	95	311299	66.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.760%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.769	43	222196	31.193	ug/l	91
40) Benzene	8.375	78	37616	2.543	ug/l	98
52) Toluene	10.439	92	24668	2.716	ug/l	96
65) Chlorobenzene	11.710	112	31743	2.882	ug/l	96
67) Ethyl Benzene	11.780	91	53398	2.754	ug/l	97
68) m/p-Xylenes	11.892	106	42801	5.628	ug/l	92
78) n-propylbenzene	12.857	91	72162	2.526	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	22019	1.032	ug/l	68
84) 1,2,4-Trimethylbenzene	13.304	105	61175	2.879	ug/l	91
95) Naphthalene	15.433	128	77214	2.978	ug/l #	76

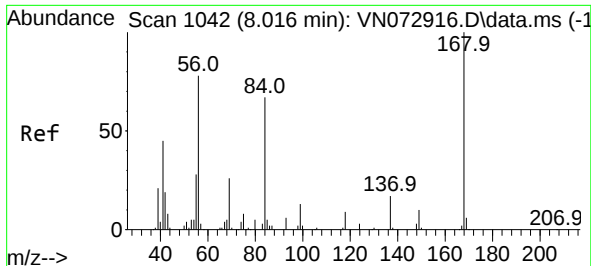
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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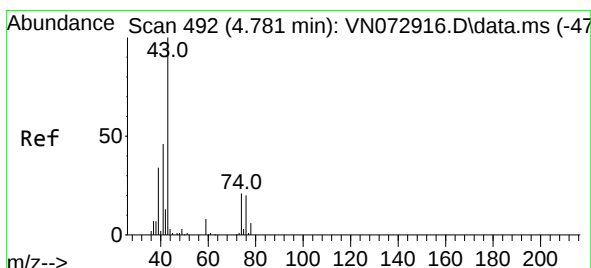
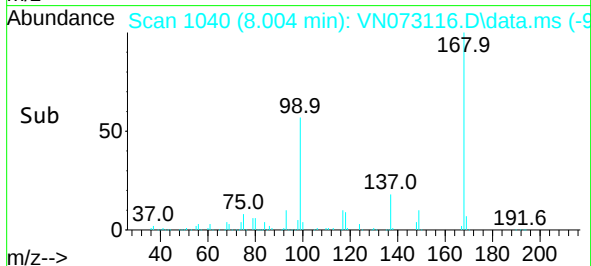
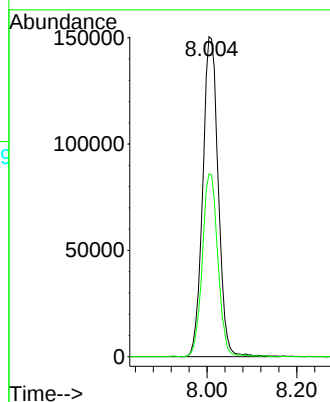
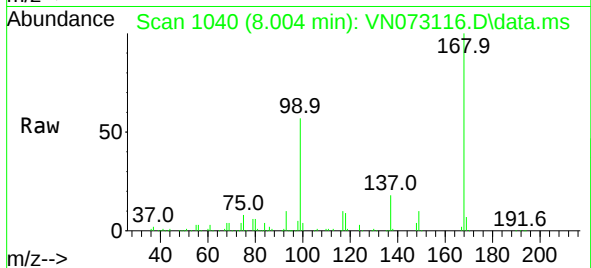




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

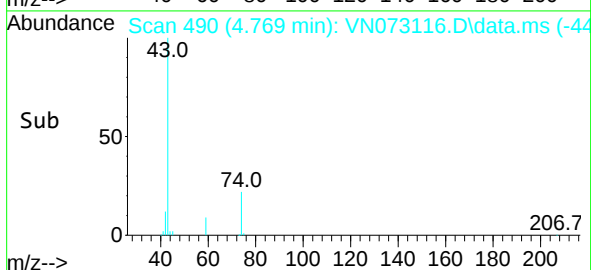
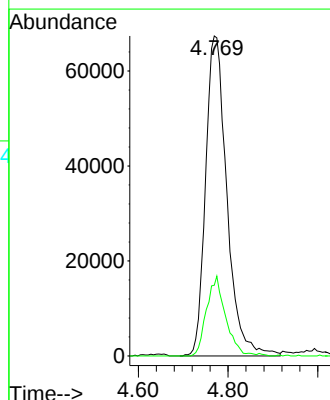
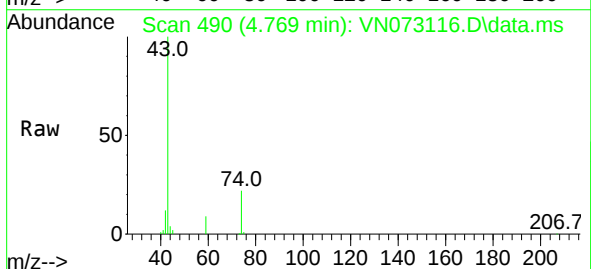
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

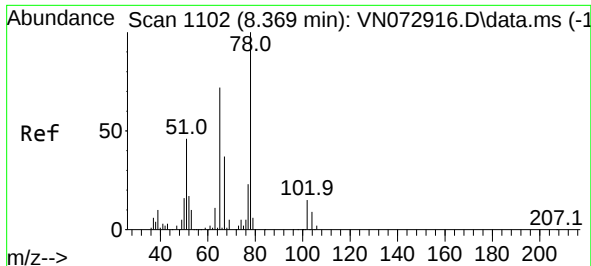
Tgt Ion:168 Resp: 359941
Ion Ratio Lower Upper
168 100
99 57.2 42.3 63.5



#18
Methyl Acetate
Concen: 31.193 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 43 Resp: 222196
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: 41.594 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

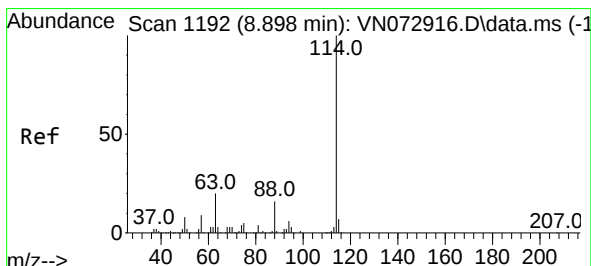
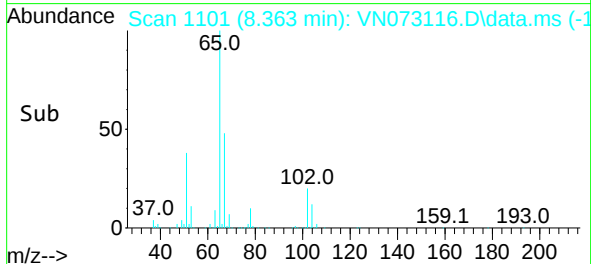
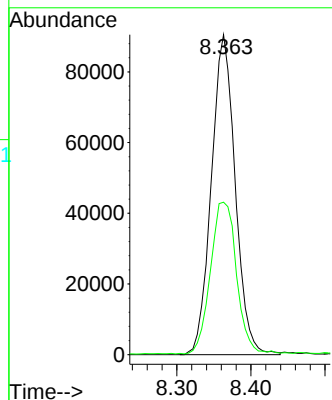
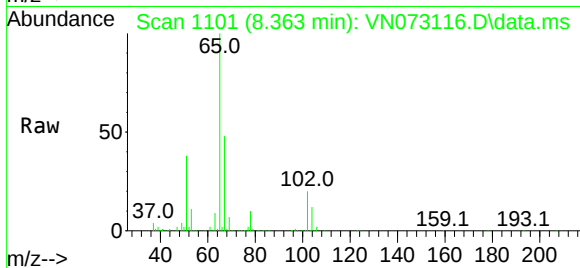
SP-EXC-2-3

Tgt Ion: 65 Resp: 202411

Ion Ratio Lower Upper

65 100

67 51.9 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: VN073116.D

Acq: 25 Jun 2022 17:32

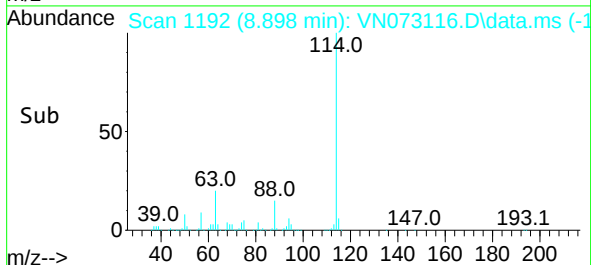
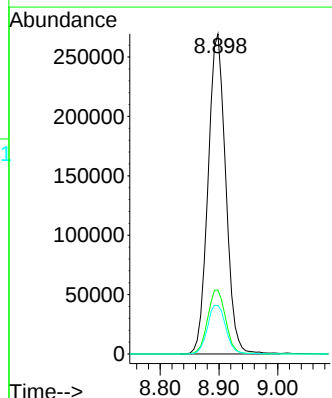
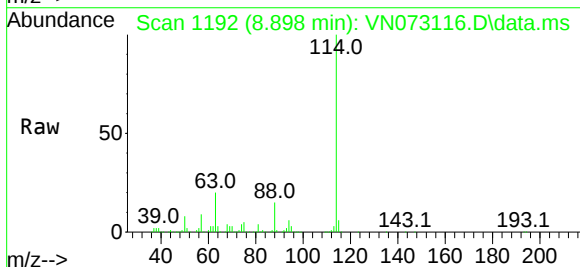
Tgt Ion: 114 Resp: 562773

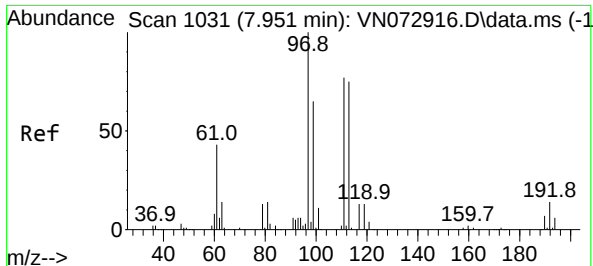
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.739 ug/l

RT: 7.945 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3

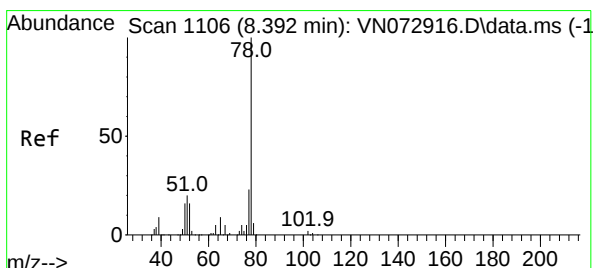
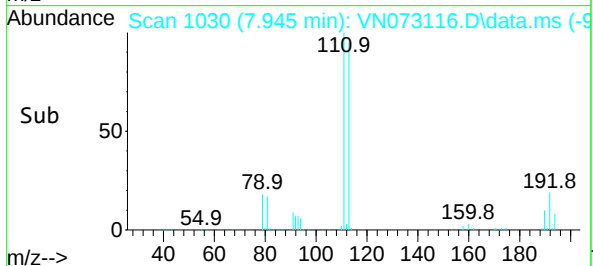
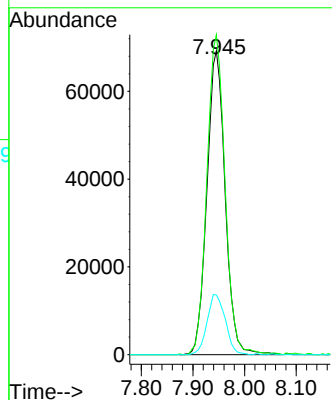
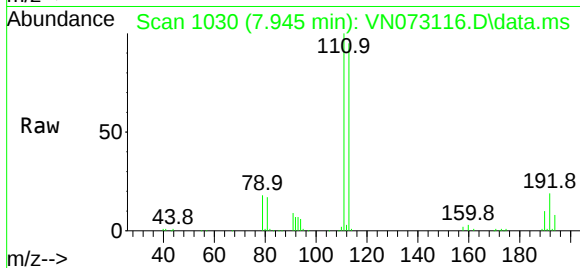
Tgt Ion:113 Resp: 169535

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

192 19.8 17.0 25.6



#40

Benzene

Concen: 2.543 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. -0.018 min

Lab File: VN073116.D

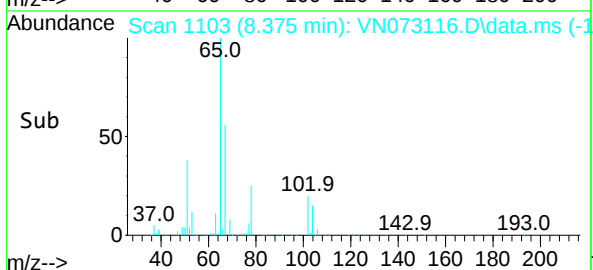
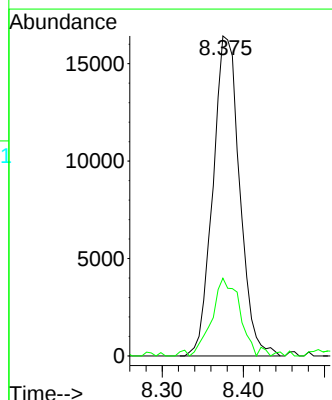
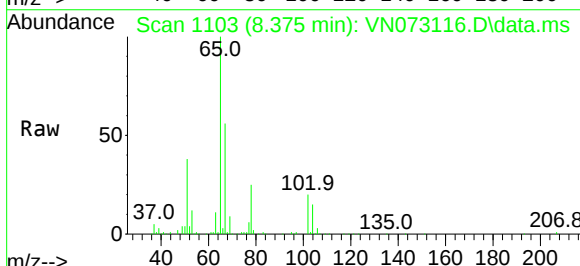
Acq: 25 Jun 2022 17:32

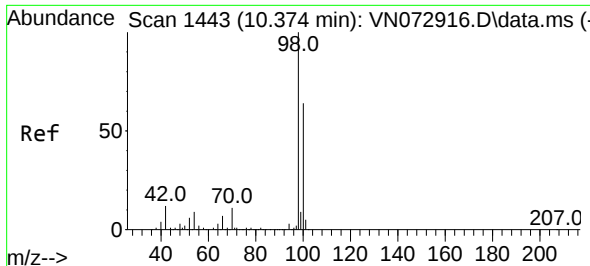
Tgt Ion: 78 Resp: 37616

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0

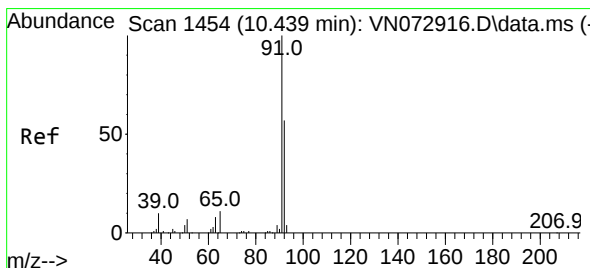
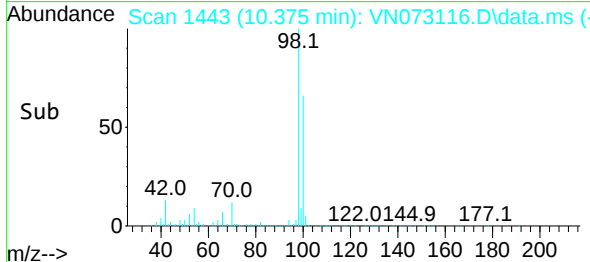
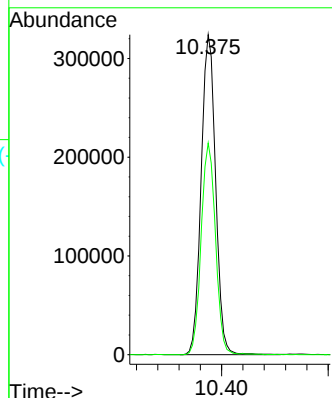
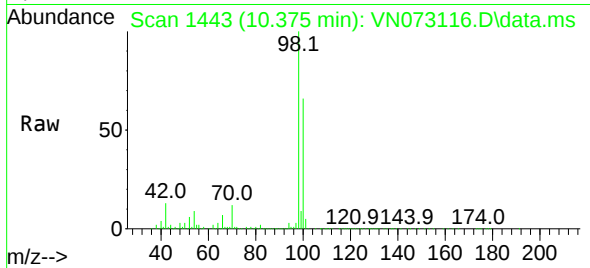




#50
Toluene-d8
Concen: 47.096 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

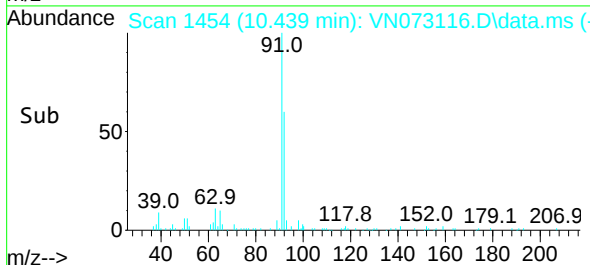
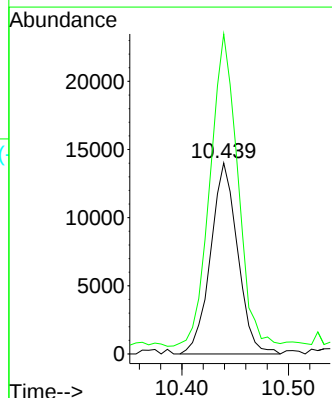
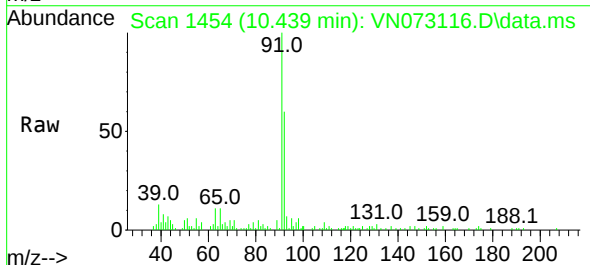
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

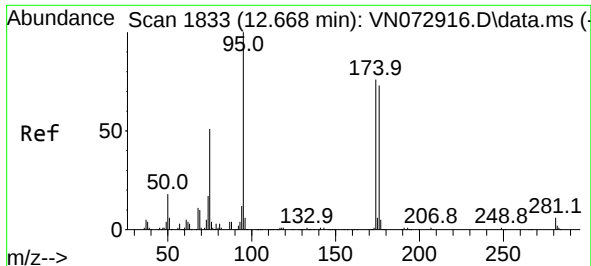
Tgt Ion: 98 Resp: 609578
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 2.716 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 92 Resp: 24668
Ion Ratio Lower Upper
92 100
91 167.0 138.6 207.8

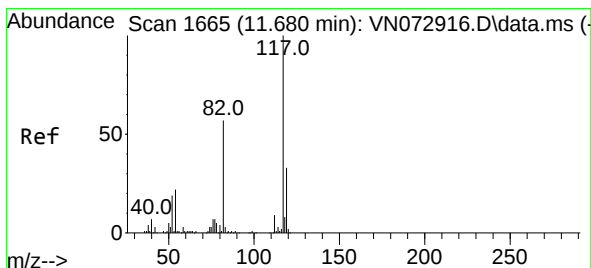
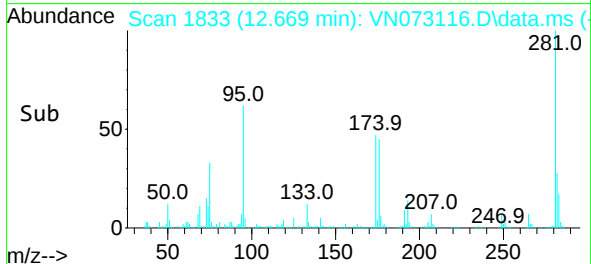
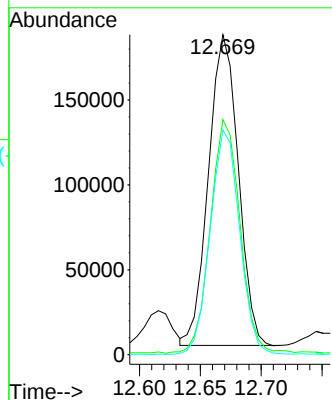
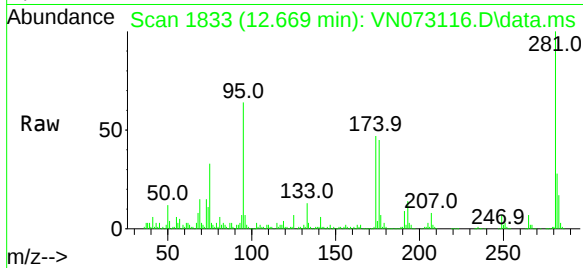




#62
4-Bromofluorobenzene
Concen: 66.885 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

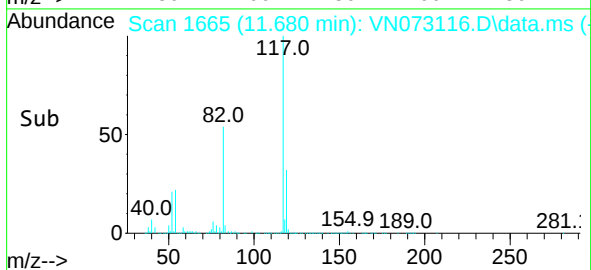
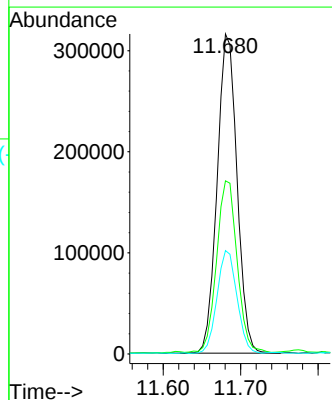
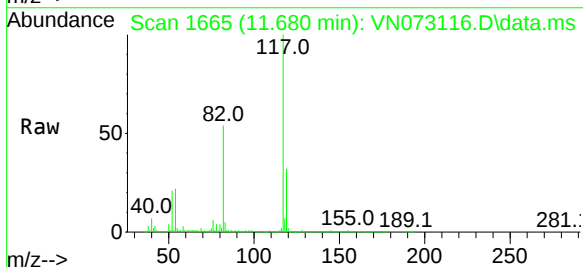
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

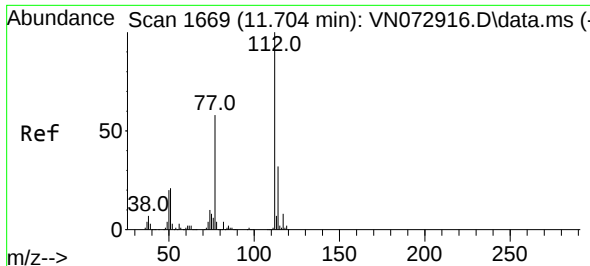
Tgt Ion: 95 Resp: 311299
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 117 Resp: 563985
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.1 25.4 38.0

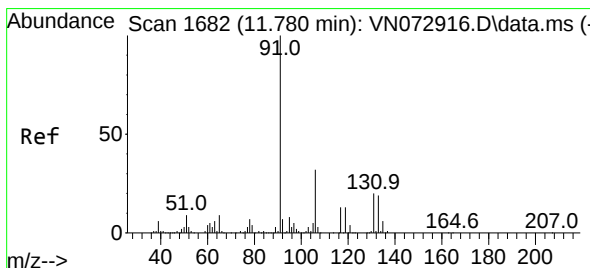
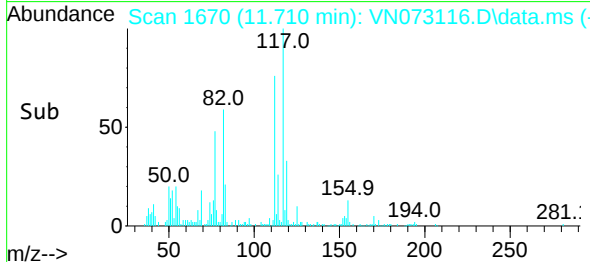
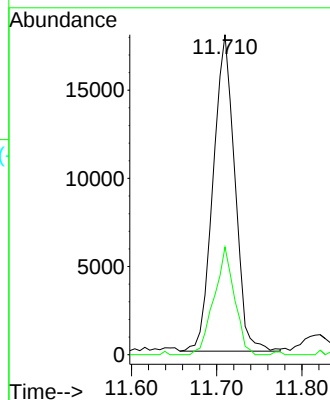
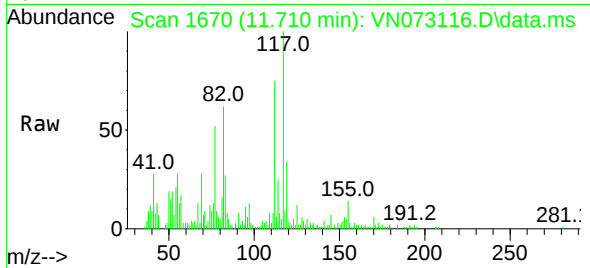




#65
Chlorobenzene
Concen: 2.882 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

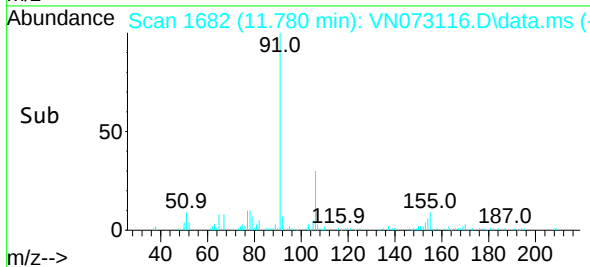
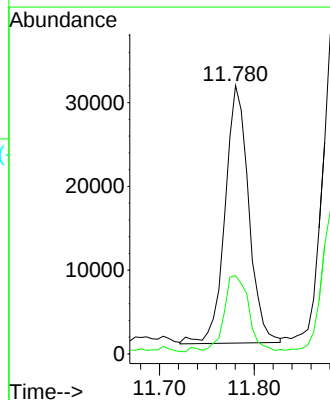
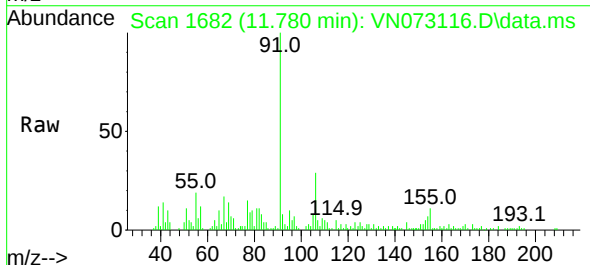
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SP-EXC-2-3

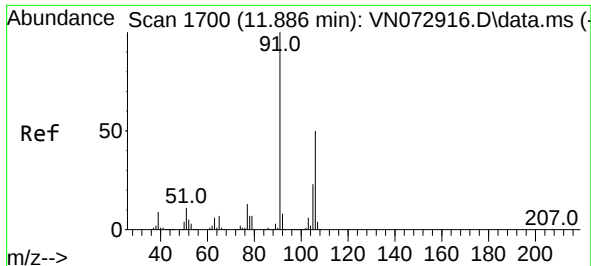
Tgt Ion:112 Resp: 31743
Ion Ratio Lower Upper
112 100
114 34.0 25.4 38.2



#67
Ethyl Benzene
Concen: 2.754 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 91 Resp: 53398
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

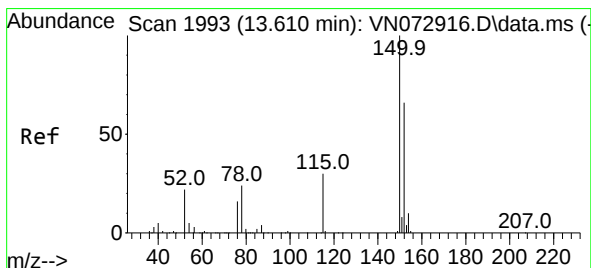
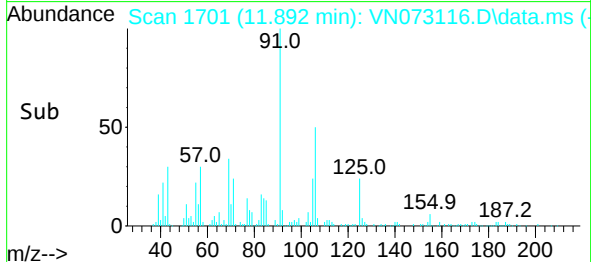
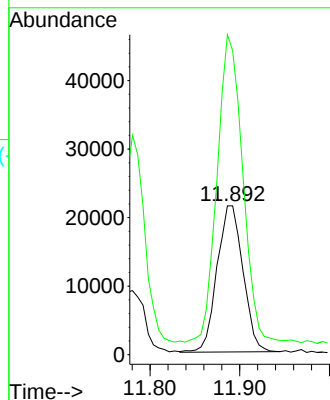
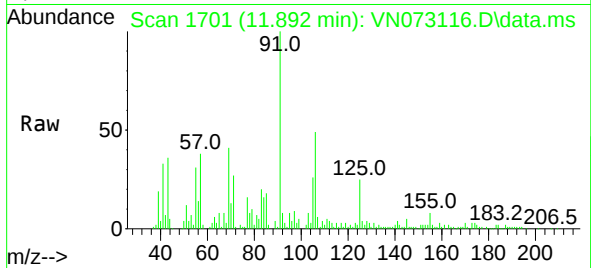




#68
m/p-Xylenes
Concen: 5.628 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

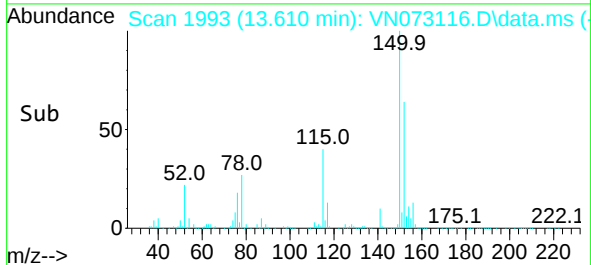
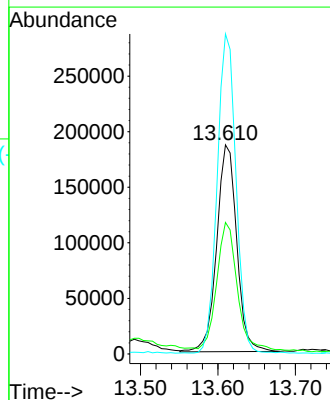
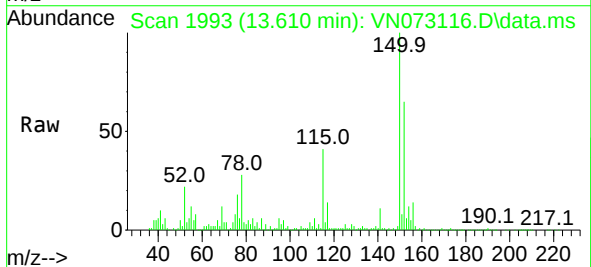
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

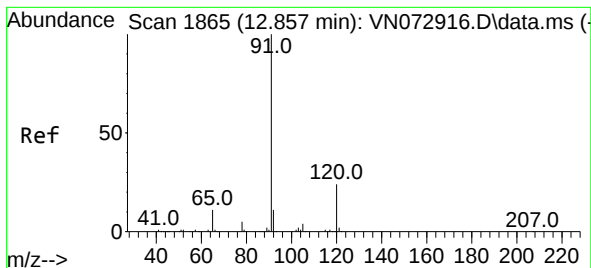
Tgt Ion:106 Resp: 42801
Ion Ratio Lower Upper
106 100
91 210.3 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:152 Resp: 335666
Ion Ratio Lower Upper
152 100
115 63.3 28.9 86.7
150 144.8 0.0 356.2





#78

n-propylbenzene

Concen: 2.526 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

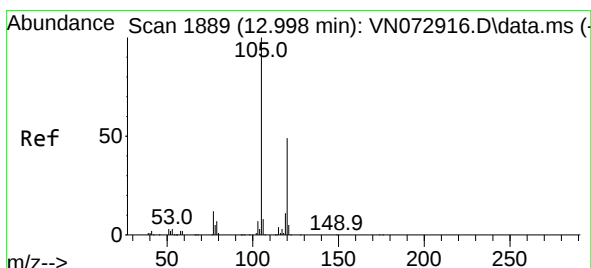
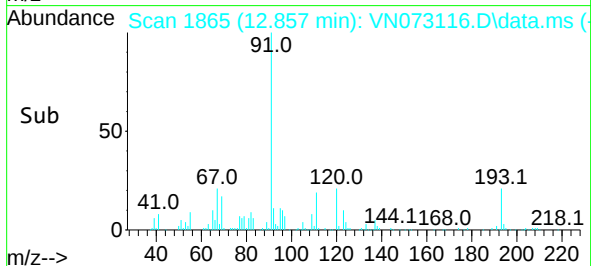
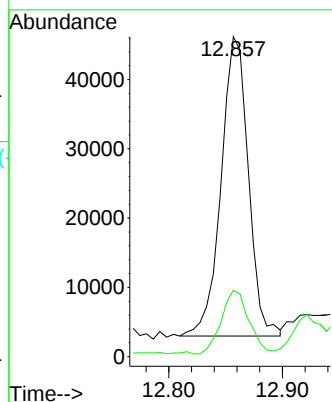
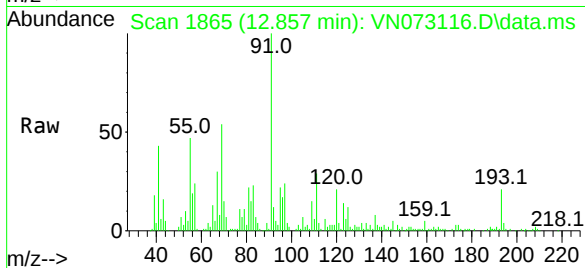
SP-EXC-2-3

Tgt Ion: 91 Resp: 72162

Ion Ratio Lower Upper

91 100

120 21.5 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.032 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073116.D

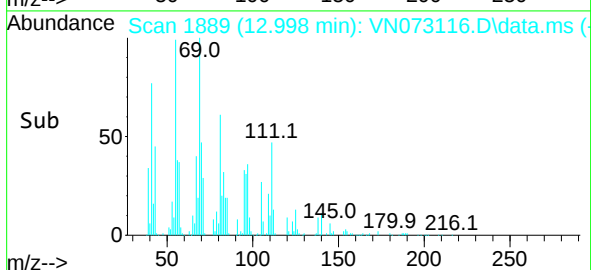
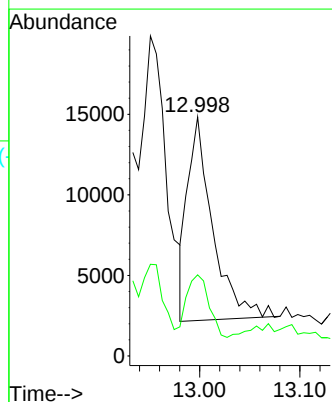
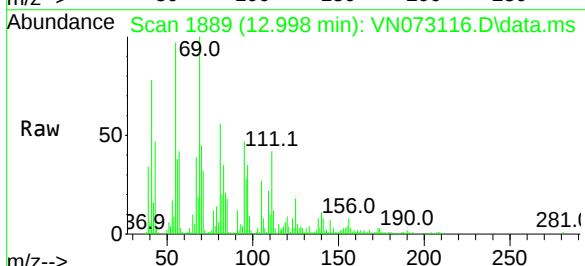
Acq: 25 Jun 2022 17:32

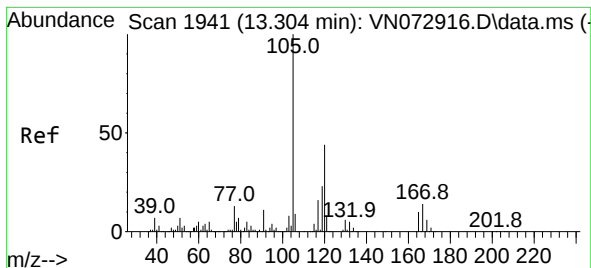
Tgt Ion: 105 Resp: 22019

Ion Ratio Lower Upper

105 100

120 27.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 2.879 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

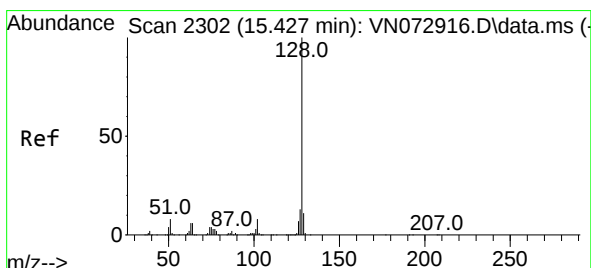
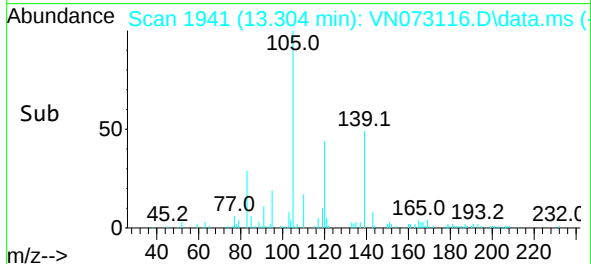
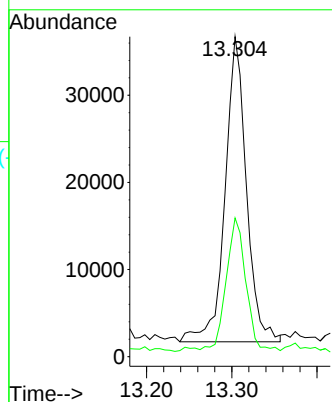
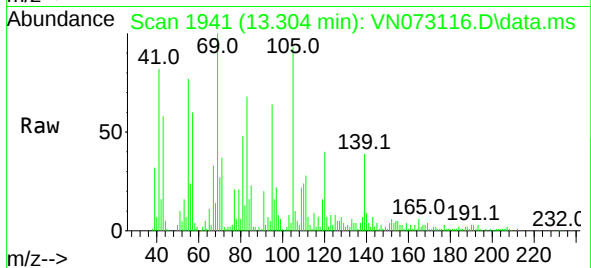
SP-EXC-2-3

Tgt Ion:105 Resp: 61175

Ion Ratio Lower Upper

105 100

120 40.8 23.3 69.8



#95

Naphthalene

Concen: 2.978 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Tgt Ion:128 Resp: 77214

Ion Ratio Lower Upper

128 100

127 24.4 10.3 15.5#

129 17.9 8.6 13.0#

