

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071188.D
 Acq On : 08 Mar 2022 14:17
 Operator : JC\MD
 Sample : N1759-01ME 10X
 Misc : 6.83g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DISP-1ME

Quant Time: Mar 09 04:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

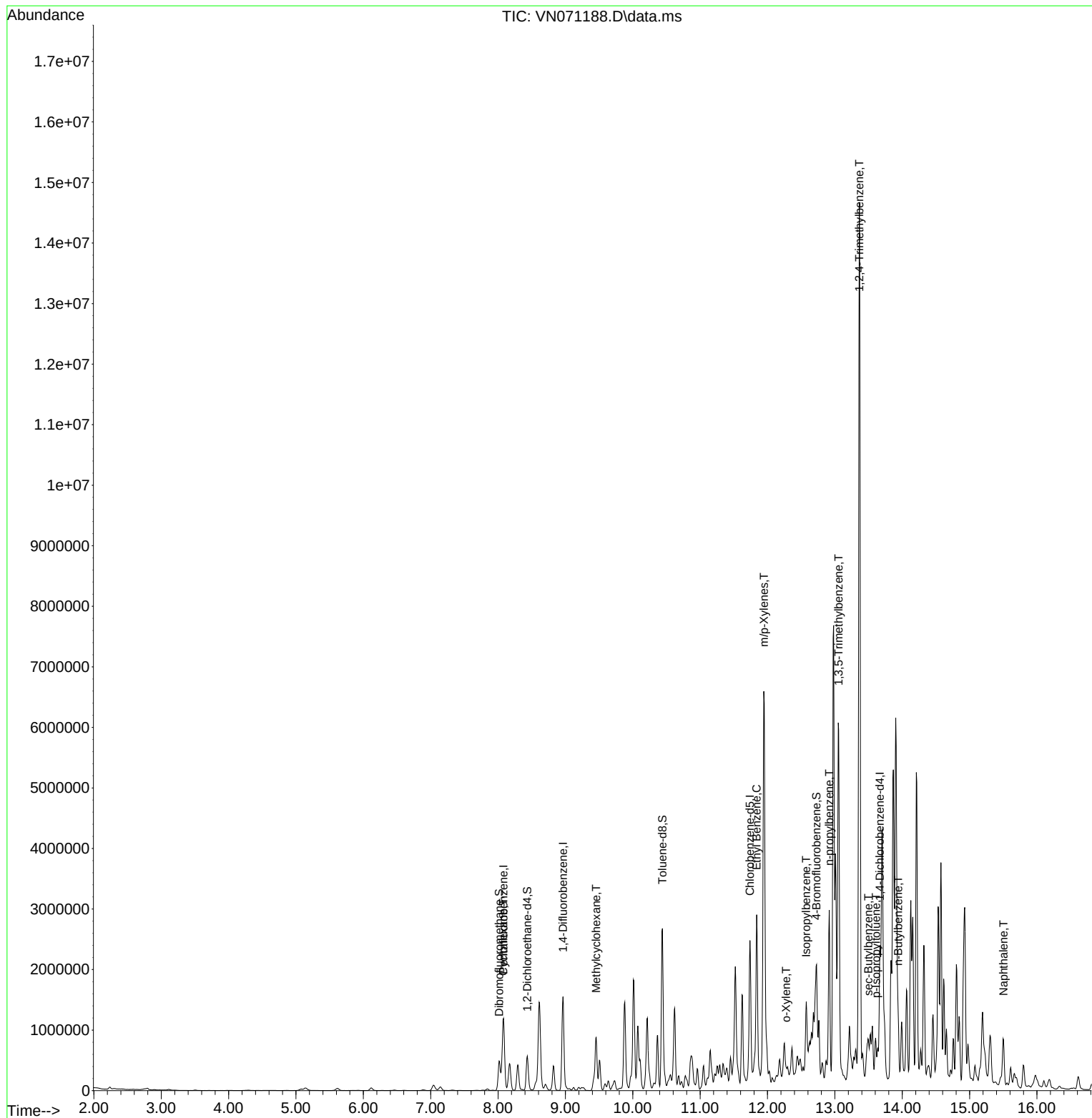
Internal Standards						
1) Pentafluorobenzene	8.080	168	770985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1242966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1163510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	453890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	464481	43.957	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.920%
35) Dibromofluoromethane	8.016	113	354236	45.163	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.320%
50) Toluene-d8	10.439	98	1547460	49.001	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.727	95	555362	51.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.860%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.075	56	97268	5.764	ug/l #	72
39) Methylcyclohexane	9.457	83	225665	15.264	ug/l #	84
67) Ethyl Benzene	11.839	91	1782825	40.353	ug/l	97
68) m/p-Xylenes	11.945	106	1799015	111.309	ug/l	98
69) o-Xylene	12.274	106	11582	0.715	ug/l	90
73) Isopropylbenzene	12.574	105	819638	18.733	ug/l	99
78) n-propylbenzene	12.915	91	2118513	45.121	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	2869147	84.285	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	8272687	253.718	ug/l	100
85) sec-Butylbenzene	13.498	105	326432	8.084	ug/l #	57
86) p-Isopropyltoluene	13.610	119	127650	4.020	ug/l	99
89) n-Butylbenzene	13.939	91	513348	20.669	ug/l #	66
95) Naphthalene	15.504	128	672418	34.109	ug/l	100

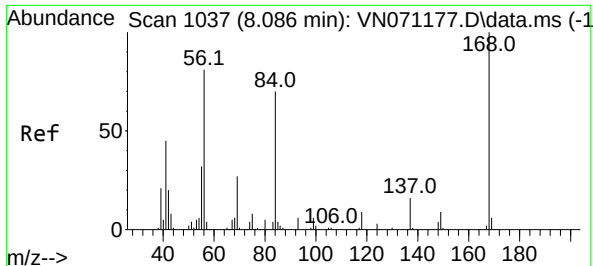
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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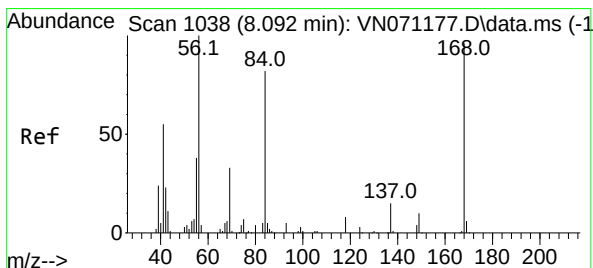
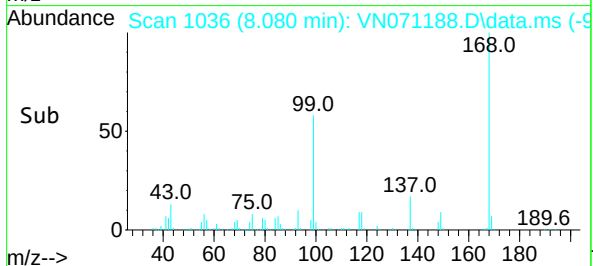
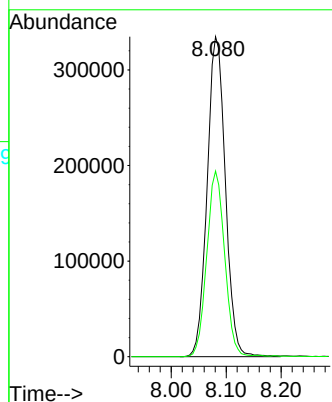
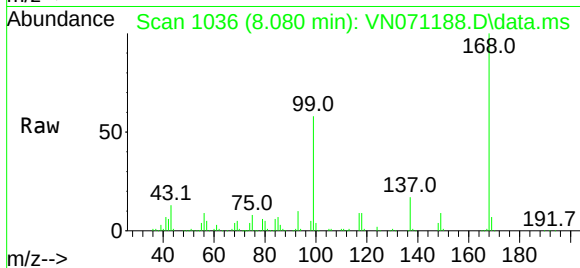




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

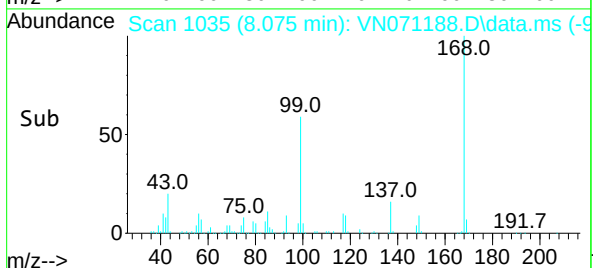
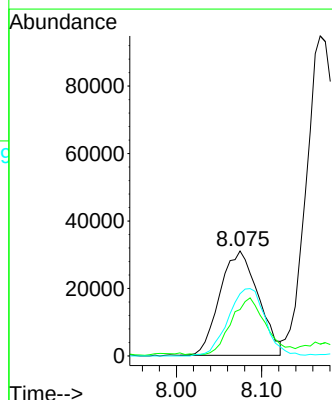
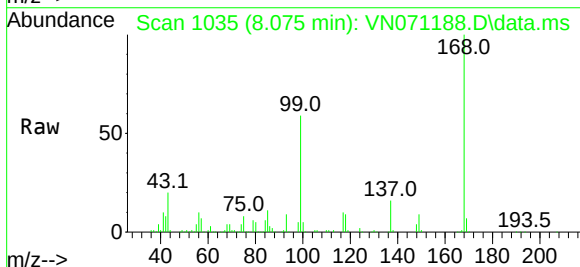
Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME

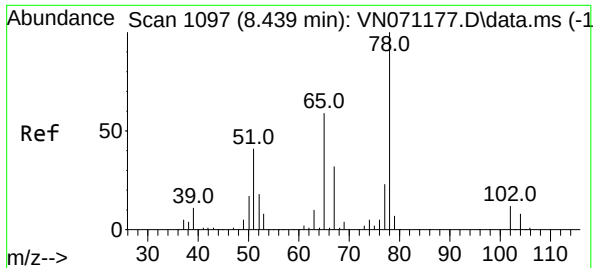
Tgt Ion:168 Resp: 770985
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#31
Cyclohexane
Concen: 5.764 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 56 Resp: 97268
Ion Ratio Lower Upper
56 100
69 41.5 27.1 40.7#
84 59.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 43.957 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

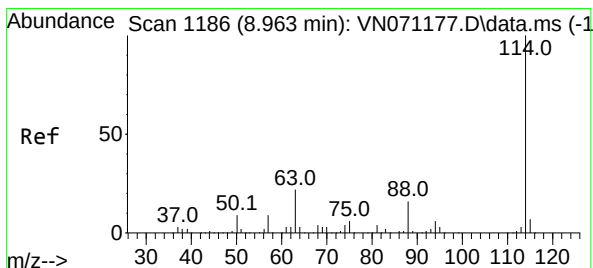
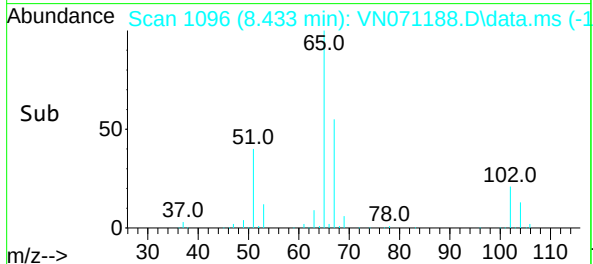
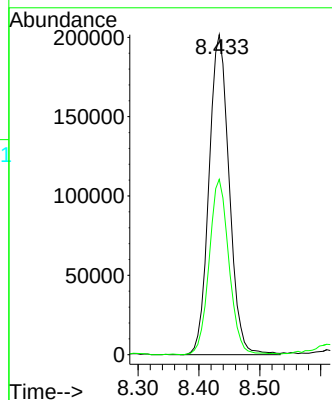
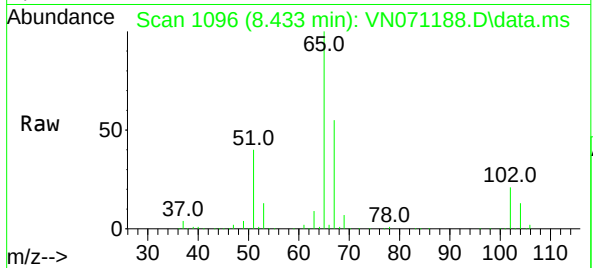
DISP-1ME

Tgt Ion: 65 Resp: 464481

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

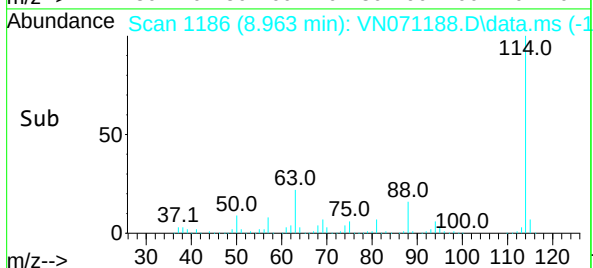
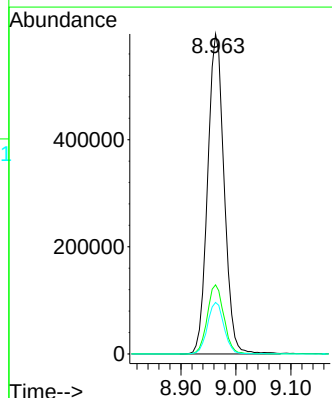
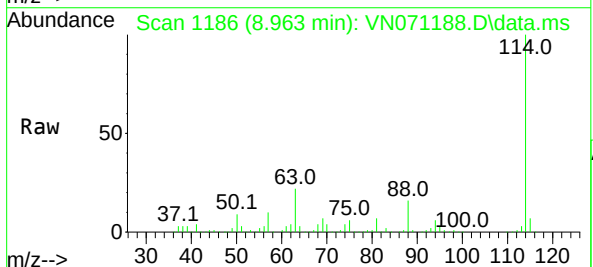
Tgt Ion: 114 Resp: 1242966

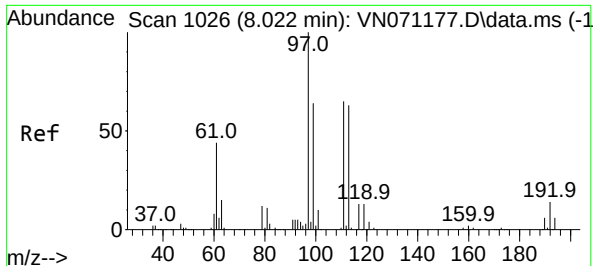
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 45.163 ug/l

RT: 8.016 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

DISP-1ME

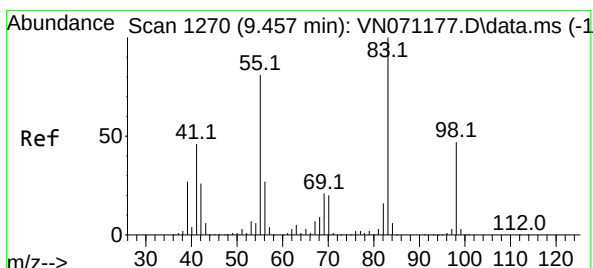
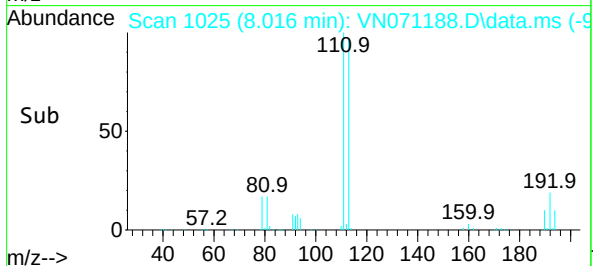
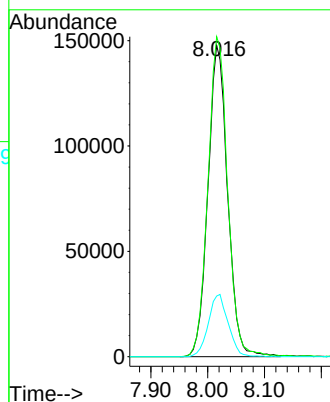
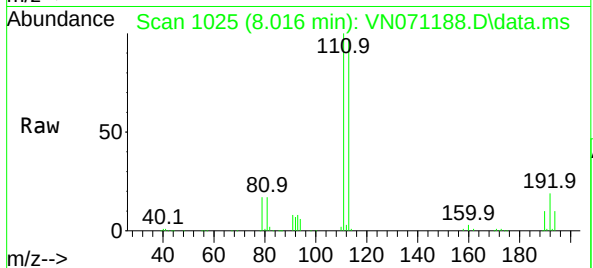
Tgt Ion:113 Resp: 354236

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 20.2 16.9 25.3



#39

Methylcyclohexane

Concen: 15.264 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

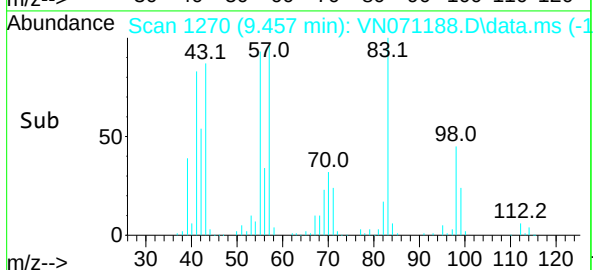
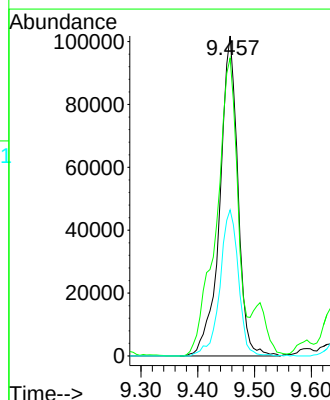
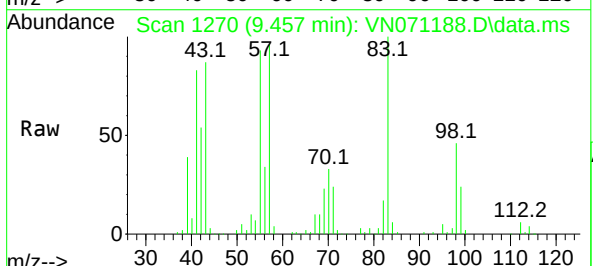
Tgt Ion: 83 Resp: 225665

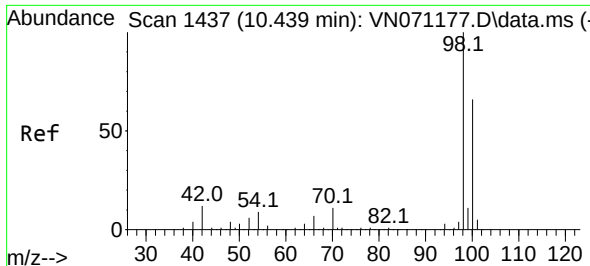
Ion Ratio Lower Upper

83 100

55 93.1 58.1 87.1#

98 45.6 38.4 57.6

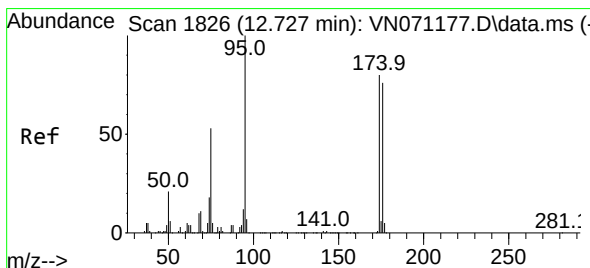
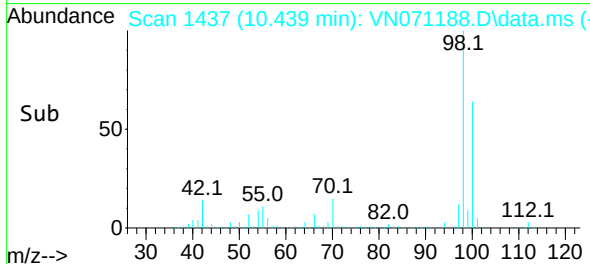
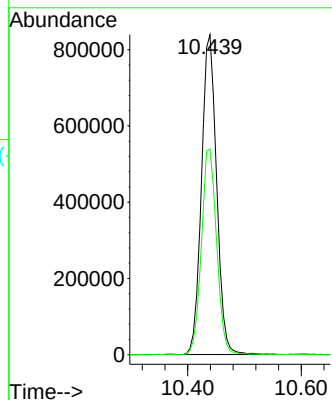
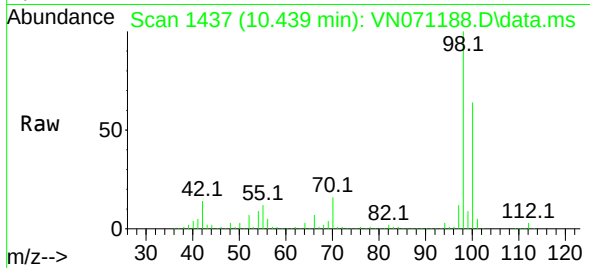




#50
Toluene-d8
Concen: 49.001 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

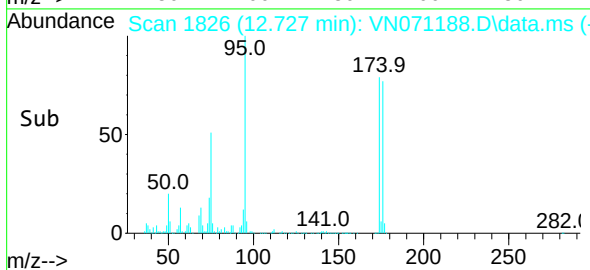
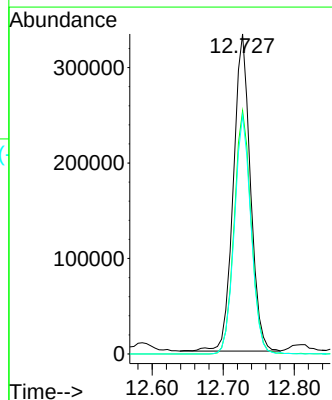
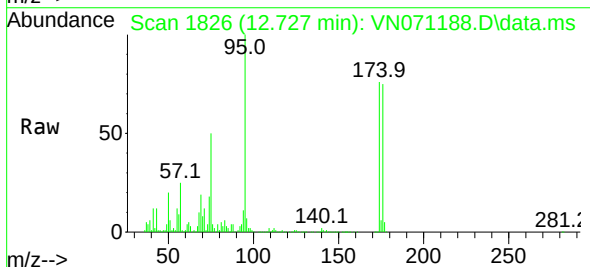
Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME

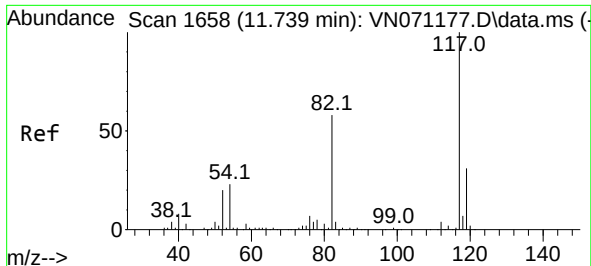
Tgt Ion: 98 Resp: 1547460
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 95 Resp: 555362
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.6 0.0 181.4

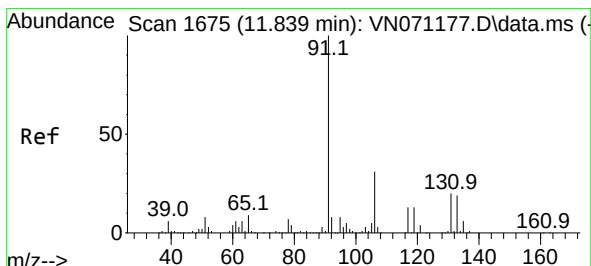
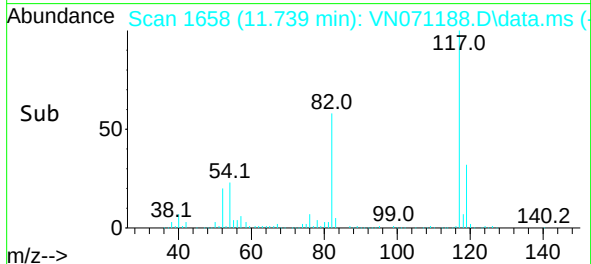
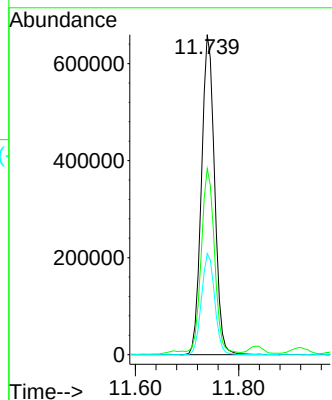
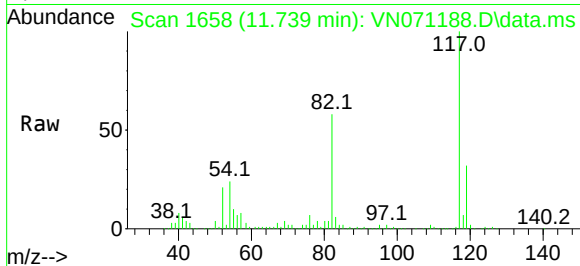




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

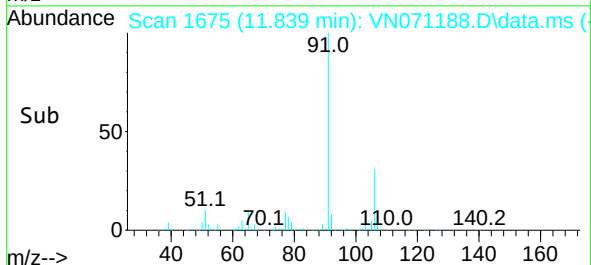
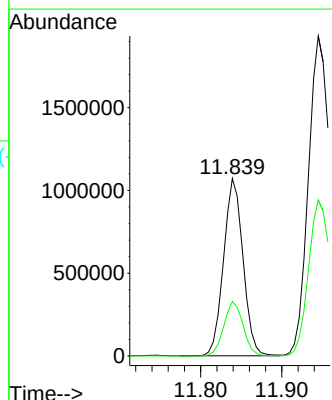
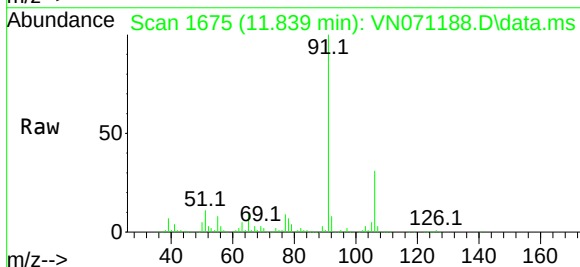
Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME

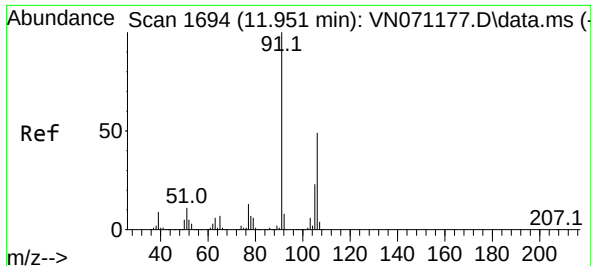
Tgt Ion:117 Resp: 1163510
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 40.353 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 91 Resp: 1782825
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

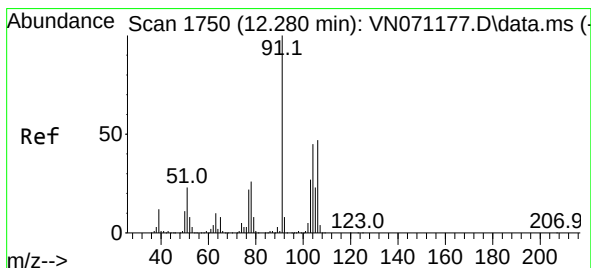
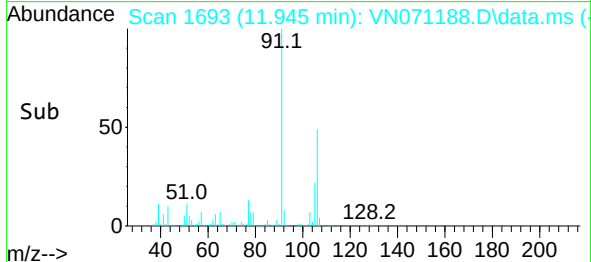
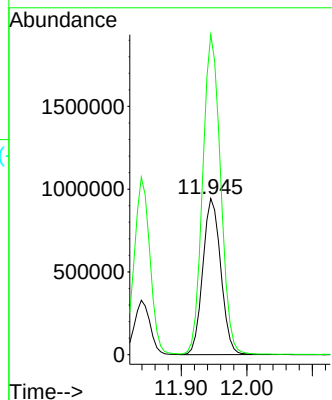
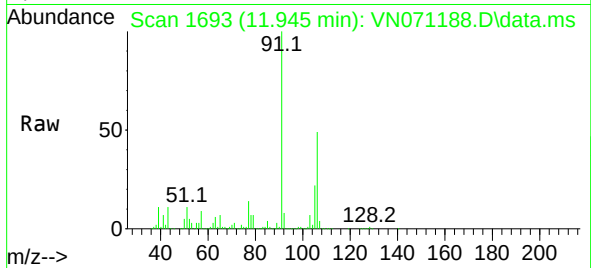




#68
m/p-Xylenes
Concen: 111.309 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

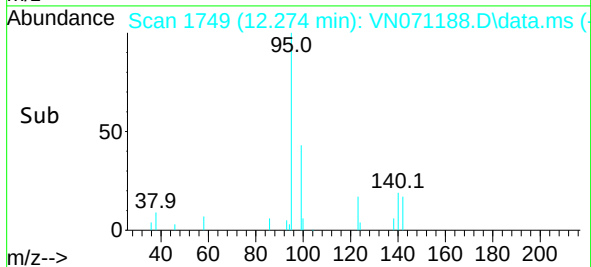
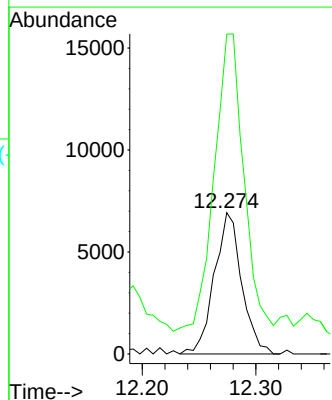
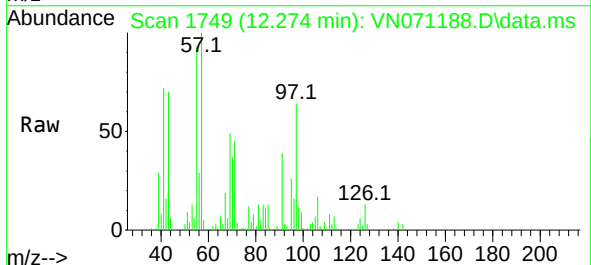
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ClientSampleId :
DISP-1ME

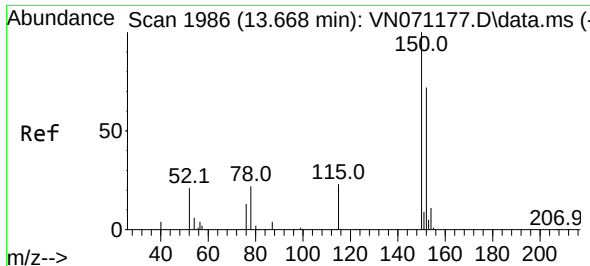
Tgt Ion:106 Resp: 1799015
Ion Ratio Lower Upper
106 100
91 204.3 160.6 240.8



#69
o-Xylene
Concen: 0.715 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion:106 Resp: 11582
Ion Ratio Lower Upper
106 100
91 227.0 105.8 317.3

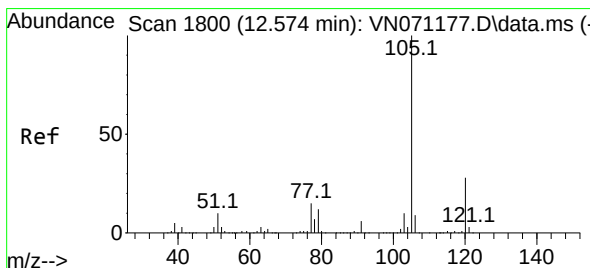
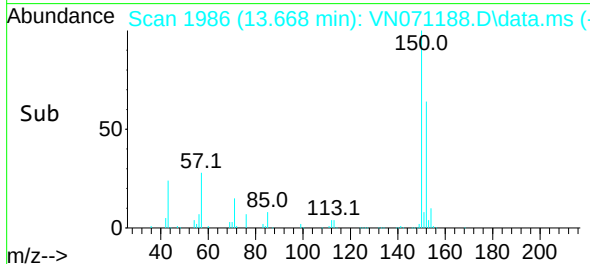
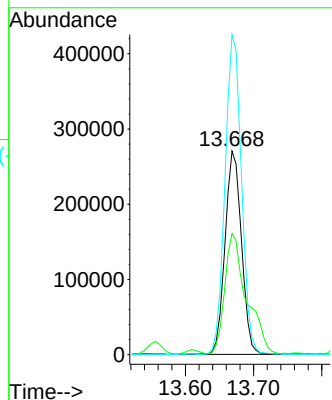
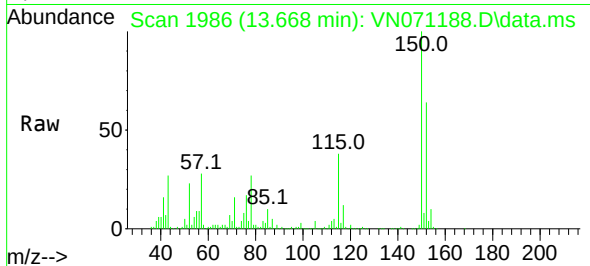




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

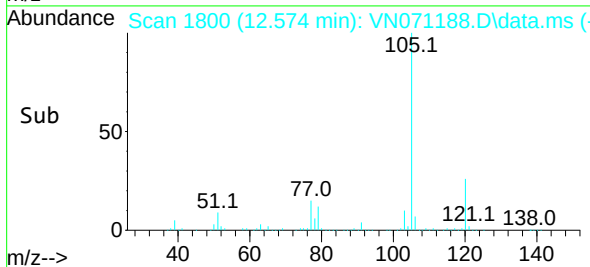
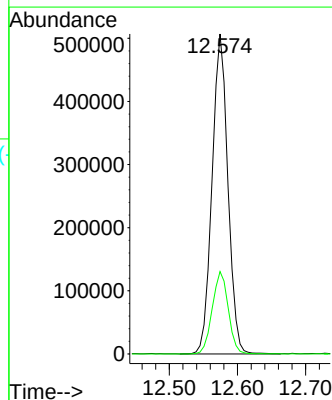
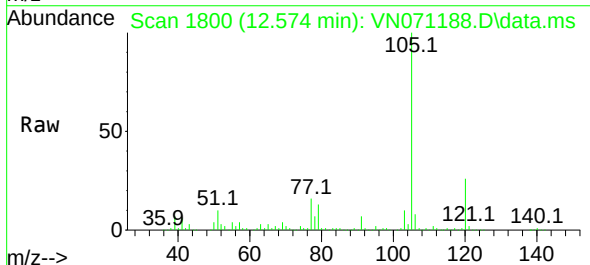
Instrument :
 MSVOA_N
 ClientSampleId :
 DISP-1ME

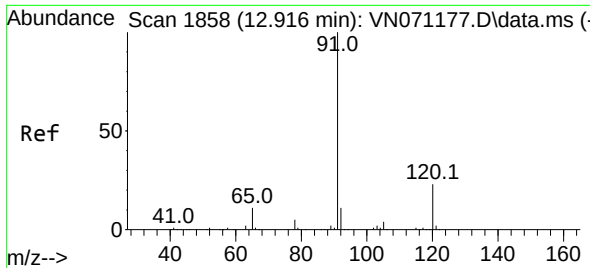
Tgt Ion:152 Resp: 453890
 Ion Ratio Lower Upper
 152 100
 115 78.5 27.5 82.5
 150 157.8 0.0 344.4



#73
 Isopropylbenzene
 Concen: 18.733 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

Tgt Ion:105 Resp: 819638
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.4 40.1

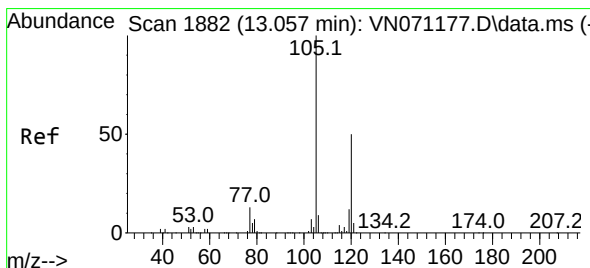
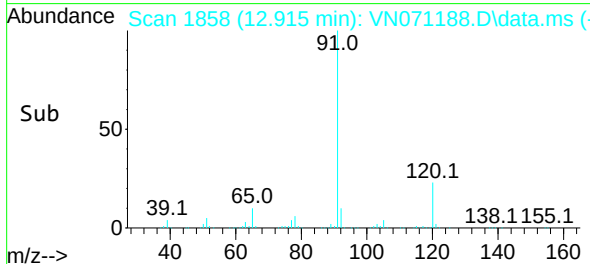
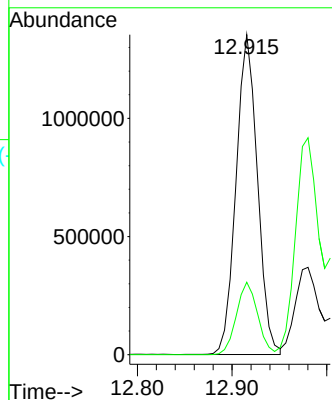
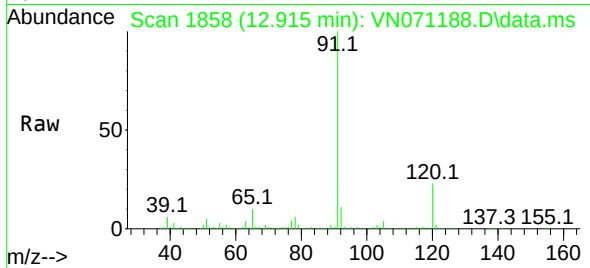




#78
n-propylbenzene
Concen: 45.121 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

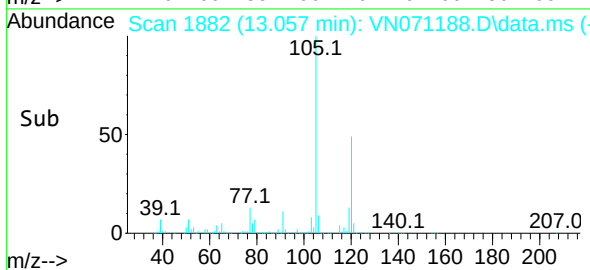
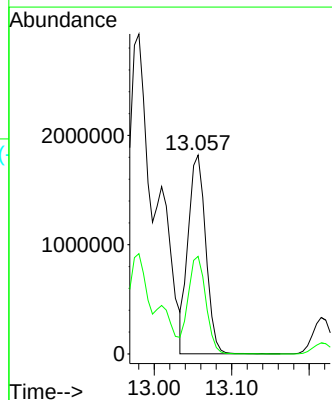
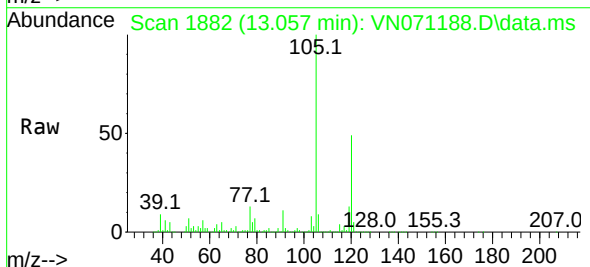
Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME

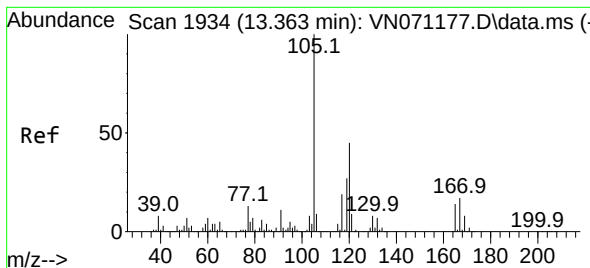
Tgt Ion: 91 Resp: 2118513
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 84.285 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 105 Resp: 2869147
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 253.718 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

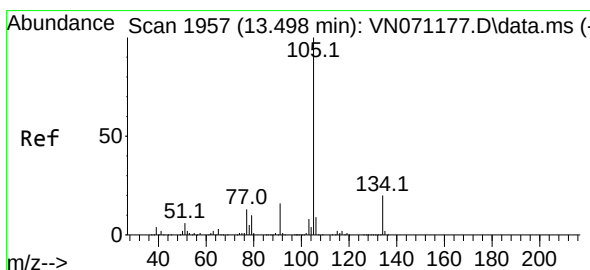
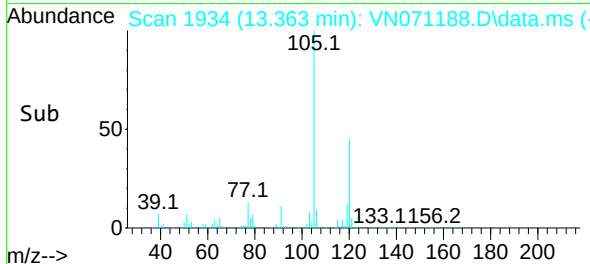
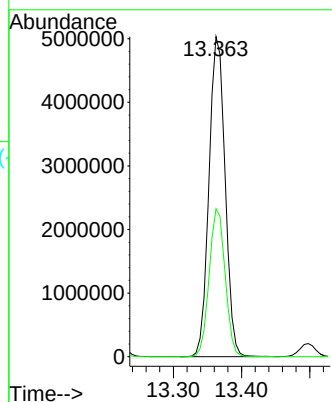
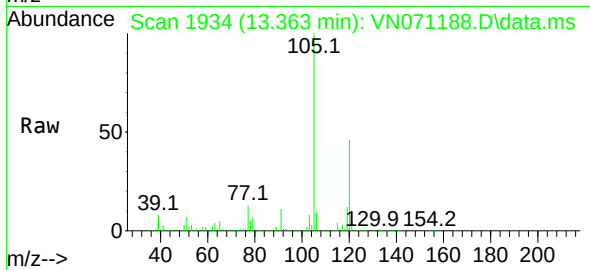
DISP-1ME

Tgt Ion:105 Resp: 8272687

Ion Ratio Lower Upper

105 100

120 45.8 22.8 68.4



#85

sec-Butylbenzene

Concen: 8.084 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071188.D

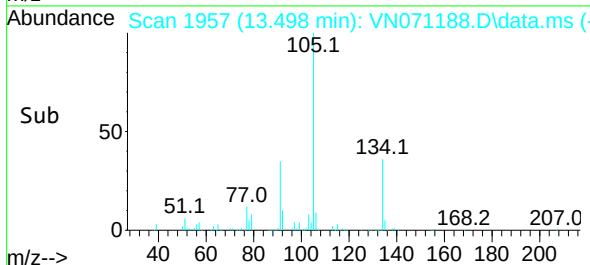
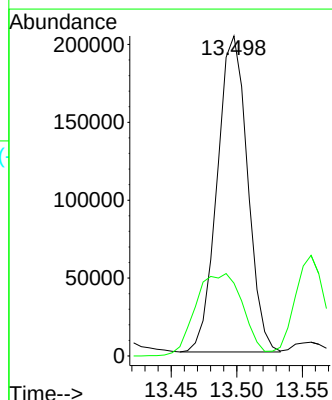
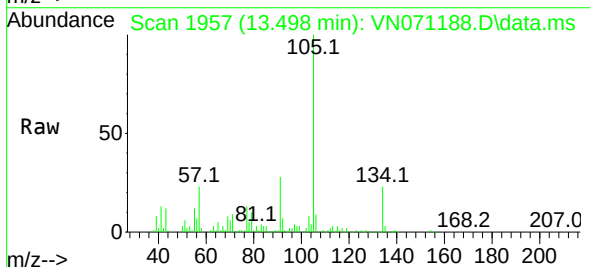
Acq: 08 Mar 2022 14:17

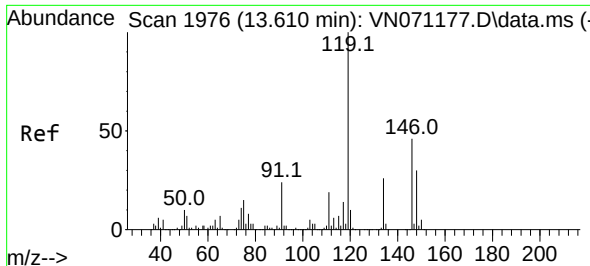
Tgt Ion:105 Resp: 326432

Ion Ratio Lower Upper

105 100

134 40.5 10.4 31.1#

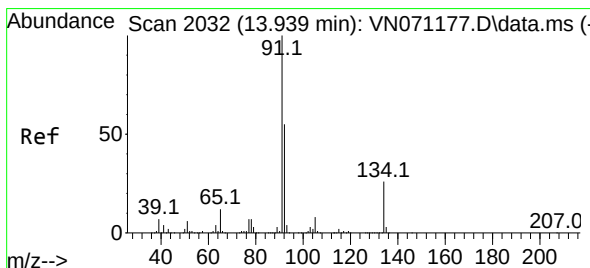
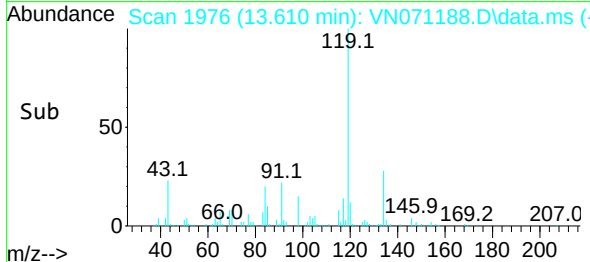
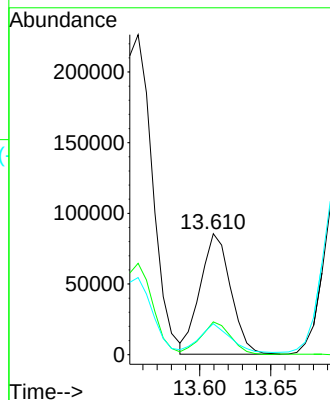
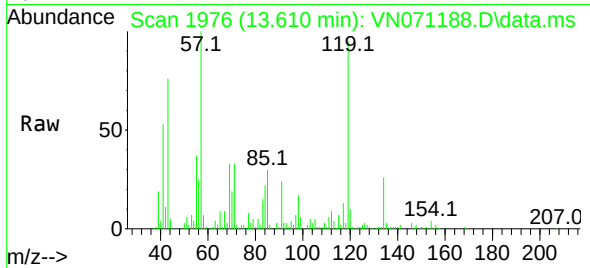




#86
p-Isopropyltoluene
Concen: 4.020 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

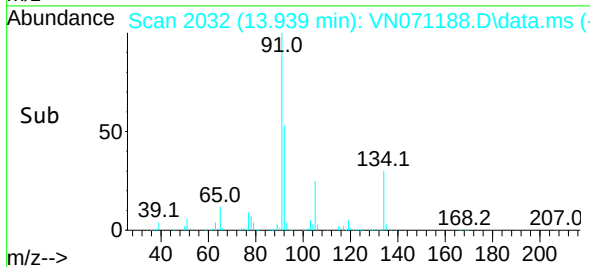
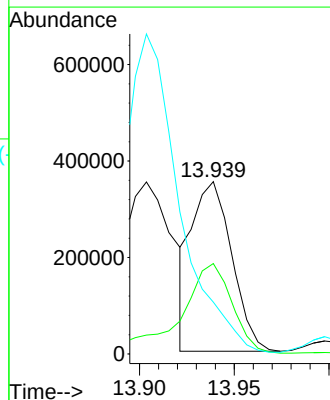
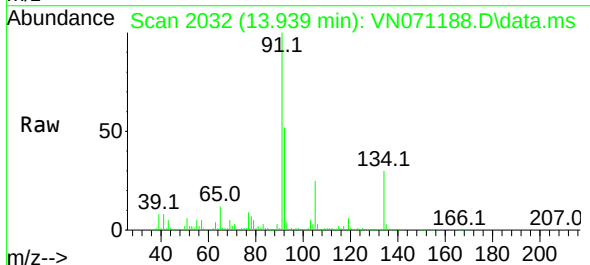
Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME

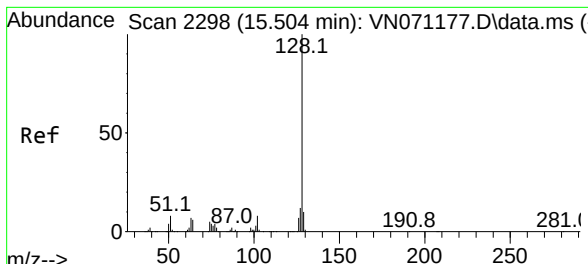
Tgt Ion:119 Resp: 127650
Ion Ratio Lower Upper
119 100
134 26.4 13.6 40.7
91 22.9 11.4 34.1



#89
n-Butylbenzene
Concen: 20.669 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

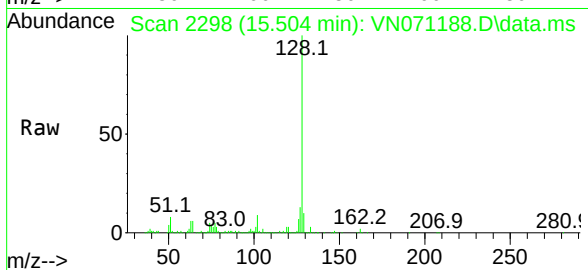
Tgt Ion: 91 Resp: 513348
Ion Ratio Lower Upper
91 100
92 67.3 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 34.109 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :
DISP-1ME



Tgt Ion:128 Resp: 672418
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1

