

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075394.D
 Acq On : 23 Nov 2022 14:23
 Operator : JC\MD
 Sample : N5692-01 10X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DF-SPILL-DRUM-11-3

Quant Time: Nov 24 06:51:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

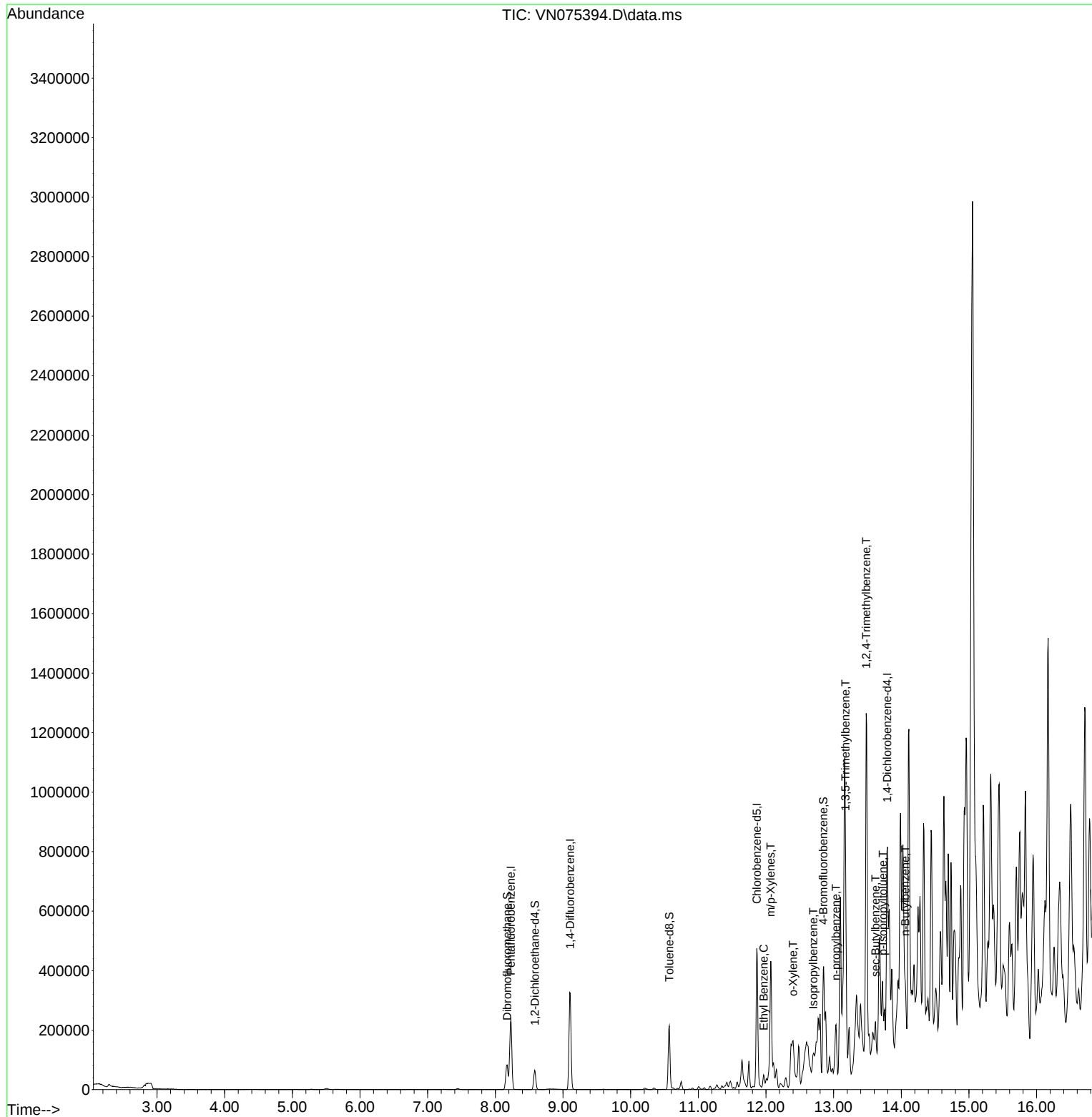
Internal Standards						
1) Pentafluorobenzene	8.230	168	183760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	52327	53.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.100%	
35) Dibromofluoromethane	8.177	113	62620	51.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.571	98	149438	54.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.847	95	122914	60.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.480%	
Target Compounds						
67) Ethyl Benzene	11.965	91	26045	2.559	ug/l	Qvalue 98
68) m/p-Xylenes	12.071	106	49502	11.977	ug/l	100
69) o-Xylene	12.400	106	31090	7.571	ug/l	96
73) Isopropylbenzene	12.700	105	19075	1.643	ug/l	99
78) n-propylbenzene	13.035	91	98665	7.613	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	164449	17.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	703658	72.710	ug/l	98
85) sec-Butylbenzene	13.618	105	52495	4.398	ug/l #	77
86) p-Isopropyltoluene	13.729	119	35736	3.559	ug/l	99
89) n-Butylbenzene	14.059	91	114474	13.497	ug/l #	81

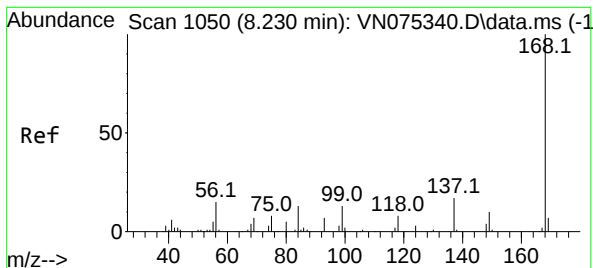
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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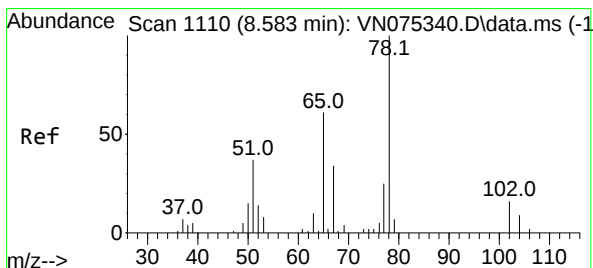
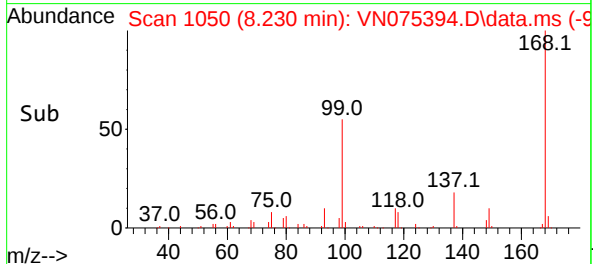
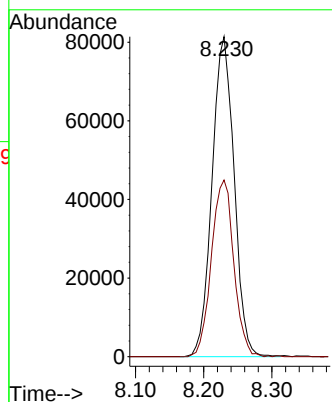
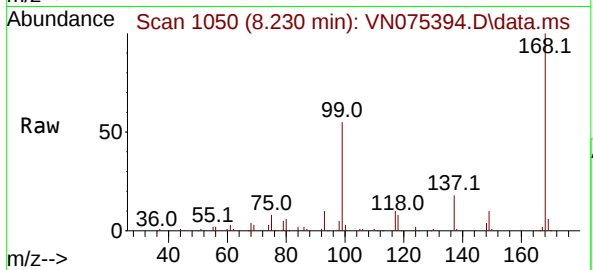




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

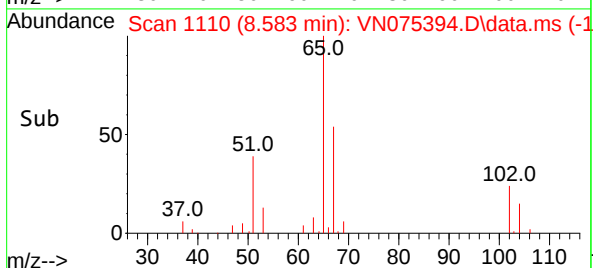
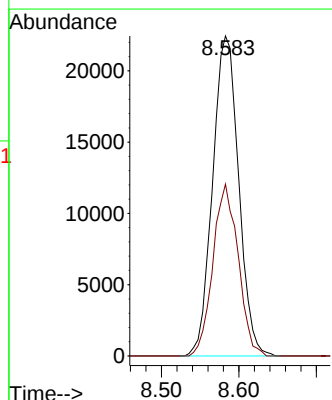
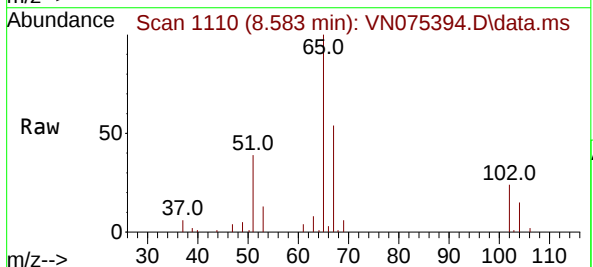
Instrument :
MSVOA_N
ClientSampleId :
DF-SPILL-DRUM-11-3

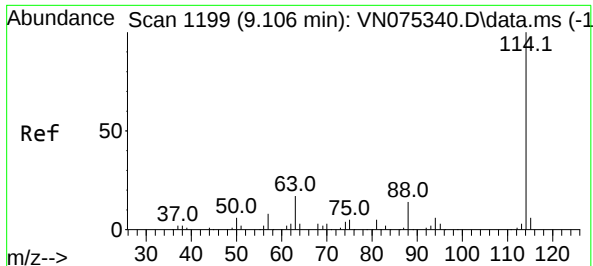
Tgt Ion:168 Resp: 183760
Ion Ratio Lower Upper
168 100
99 55.2 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 53.049 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion: 65 Resp: 52327
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075394.D

Acq: 23 Nov 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

DF-SPILL-DRUM-11-3

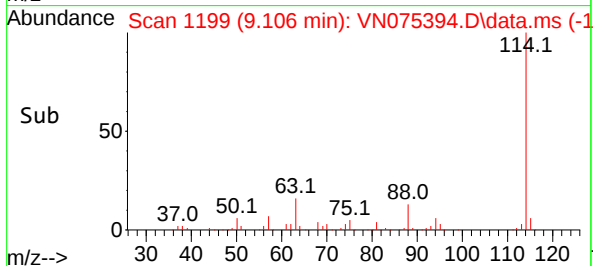
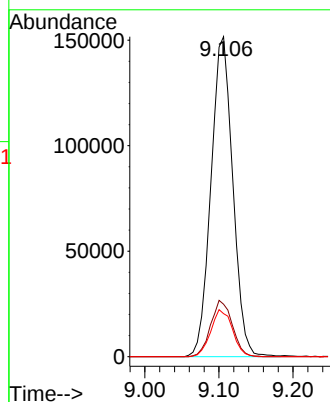
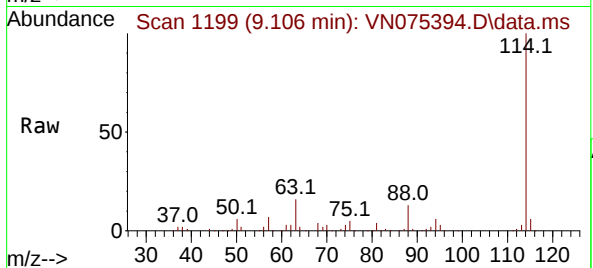
Tgt Ion:114 Resp: 309870

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 13.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.443 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075394.D

Acq: 23 Nov 2022 14:23

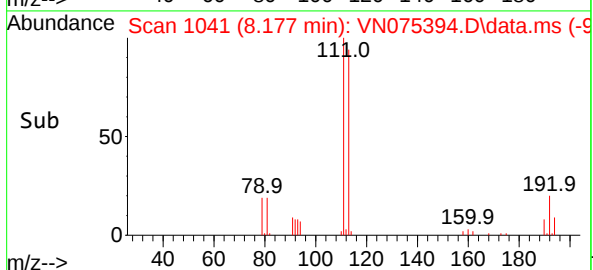
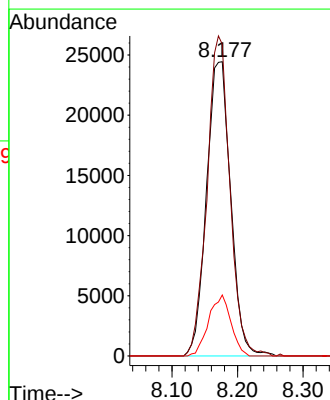
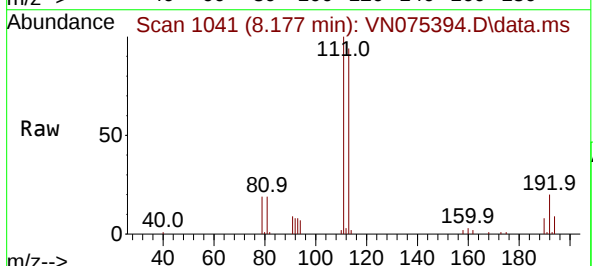
Tgt Ion:113 Resp: 62620

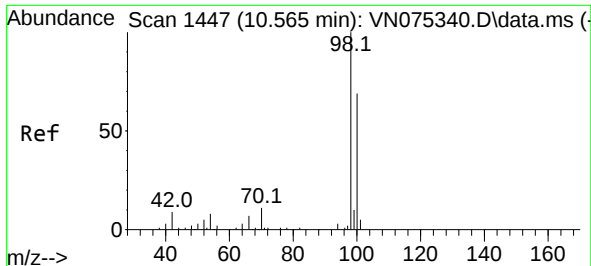
Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 19.0 13.2 19.8

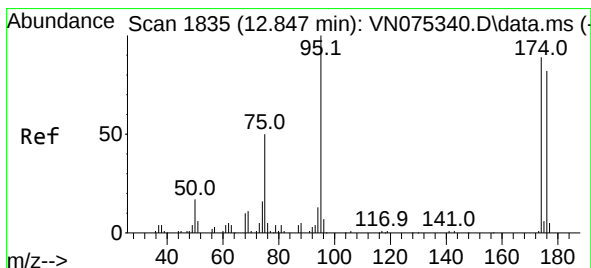
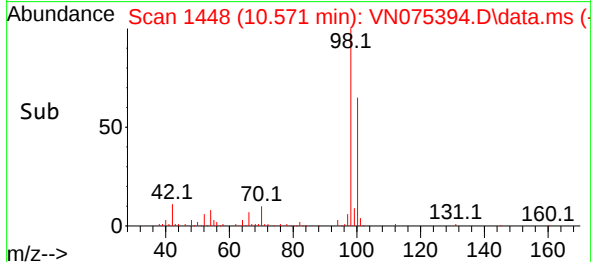
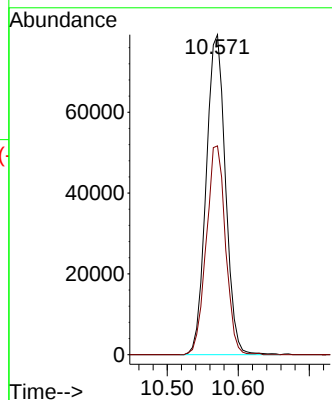
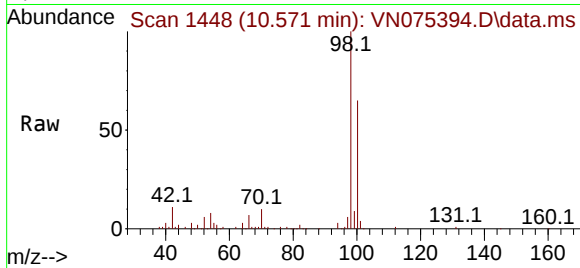




#50
Toluene-d8
Concen: 54.507 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

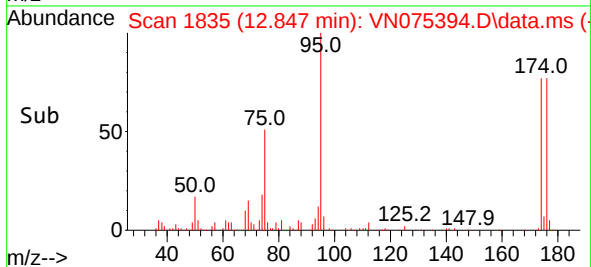
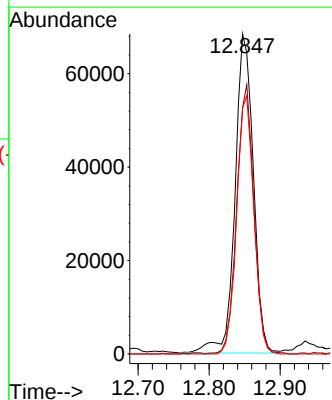
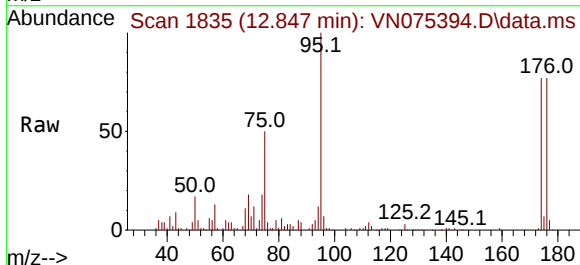
Instrument :
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DF-SPILL-DRUM-11-3

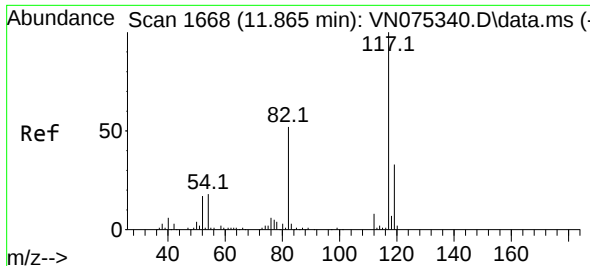
Tgt Ion: 98 Resp: 149438
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 60.740 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion: 95 Resp: 122914
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 75.6 0.0 142.2

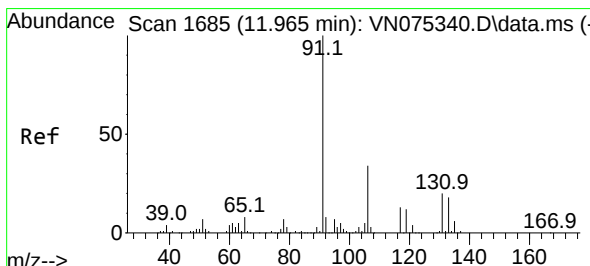
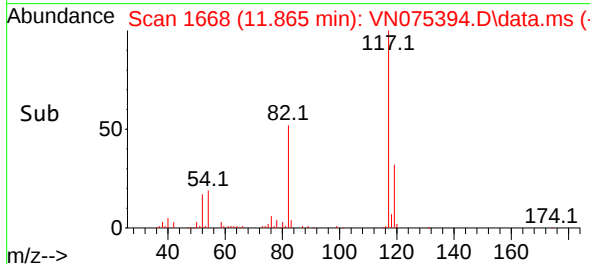
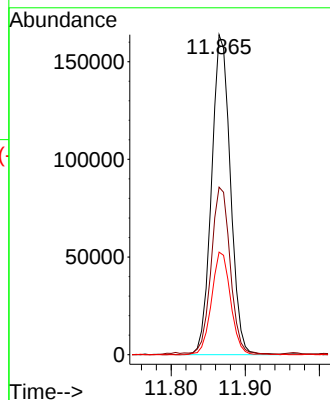
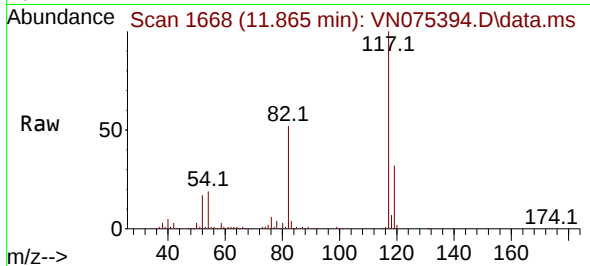




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

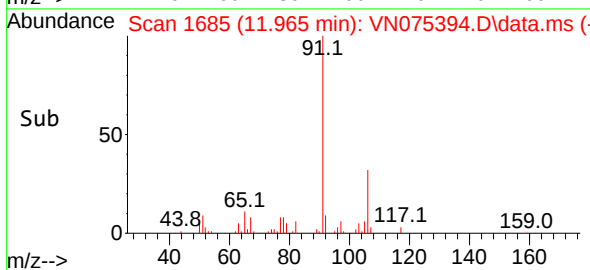
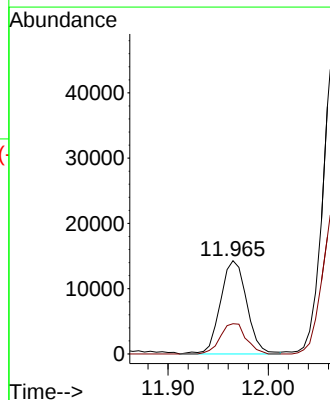
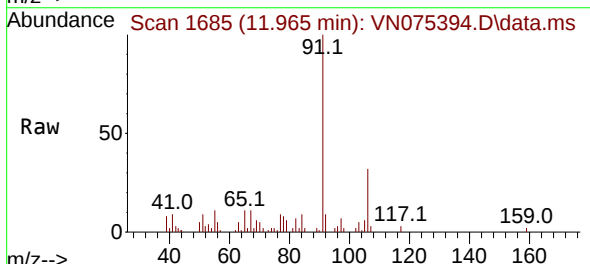
Instrument :
MSVOA_N
ClientSampleId :
DF-SPILL-DRUM-11-3

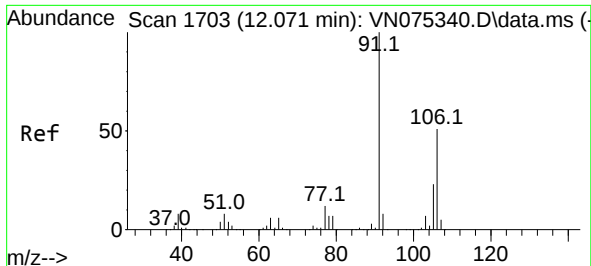
Tgt Ion:117 Resp: 288870
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 2.559 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion: 91 Resp: 26045
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

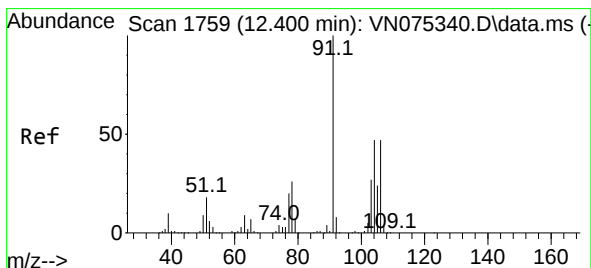
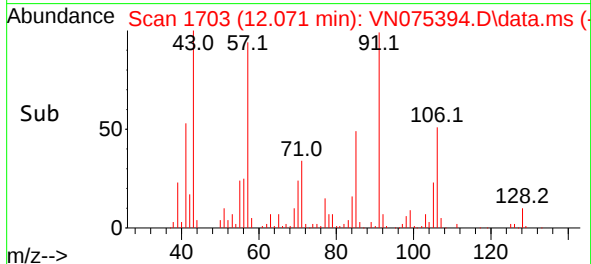
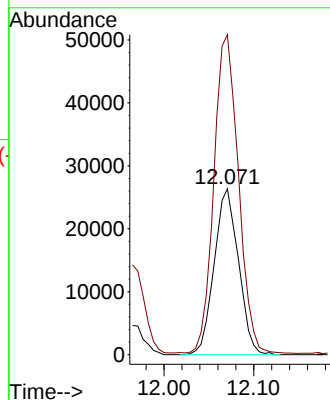
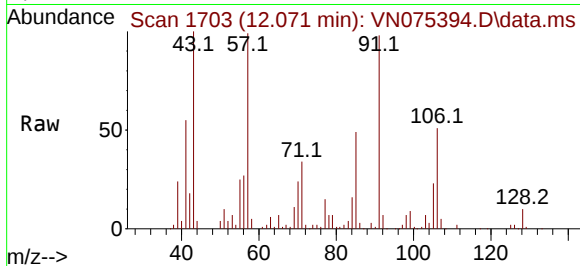




#68
m/p-Xylenes
Concen: 11.977 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

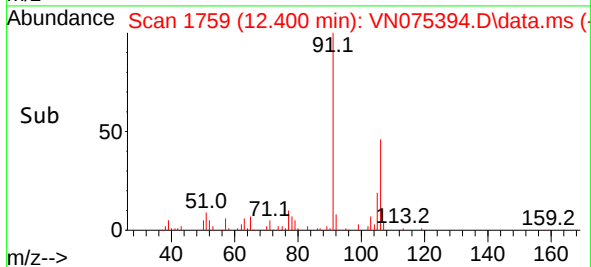
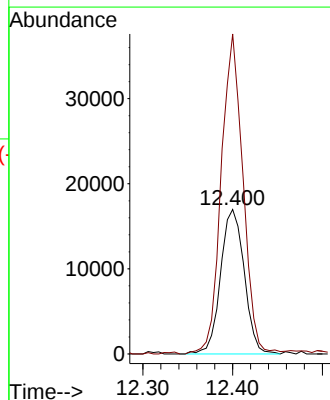
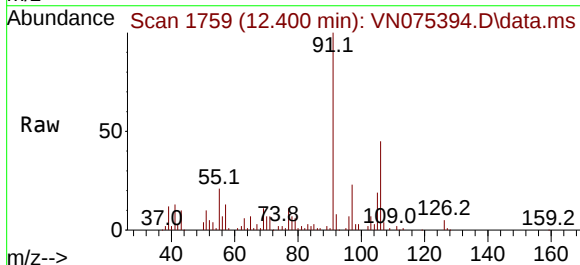
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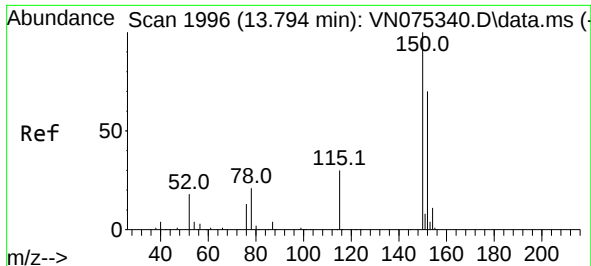
Tgt Ion:106 Resp: 49502
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0



#69
o-Xylene
Concen: 7.571 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion:106 Resp: 31090
Ion Ratio Lower Upper
106 100
91 203.7 105.2 315.5

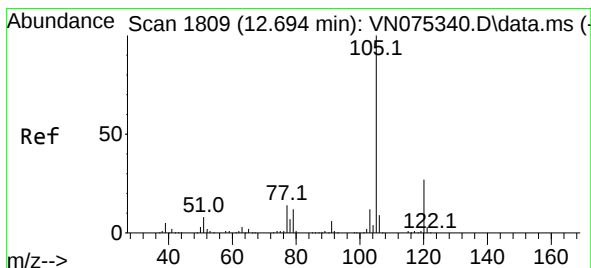
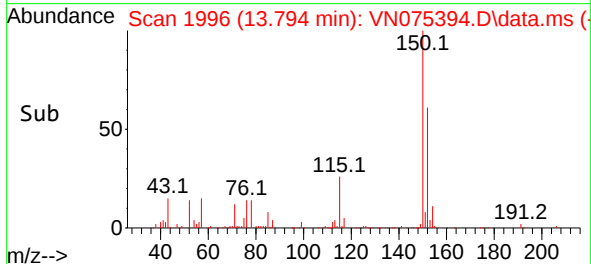
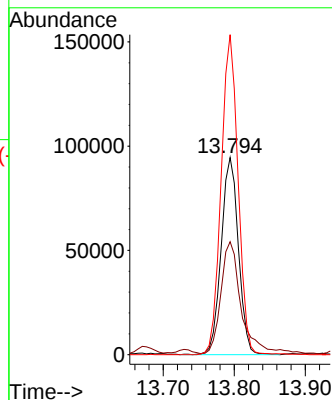
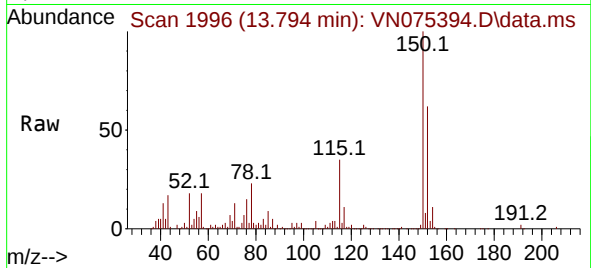




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

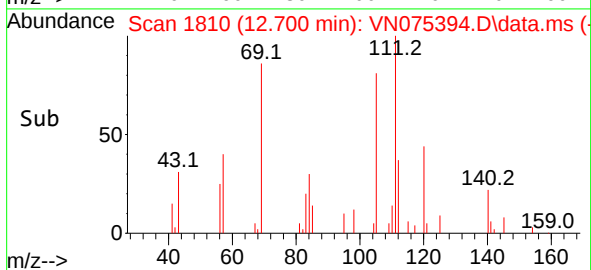
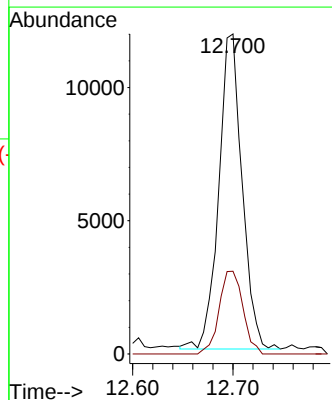
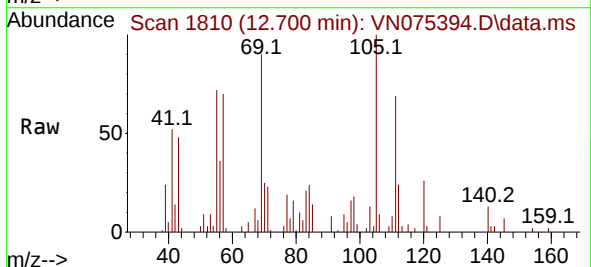
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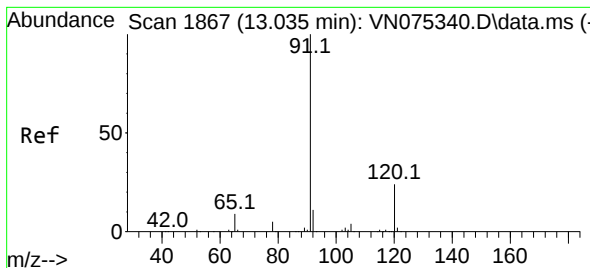
Tgt Ion:152 Resp: 158950
Ion Ratio Lower Upper
152 100
115 67.1 30.2 90.6
150 158.9 0.0 348.4



#73
Isopropylbenzene
Concen: 1.643 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion:105 Resp: 19075
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1





#78

n-propylbenzene

Concen: 7.613 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075394.D

Acq: 23 Nov 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

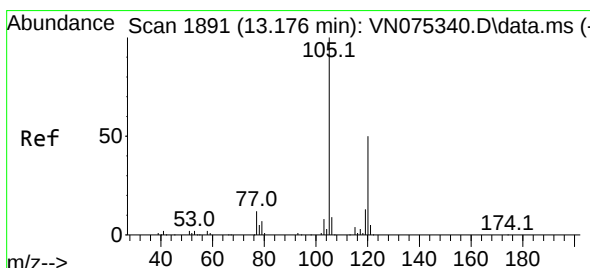
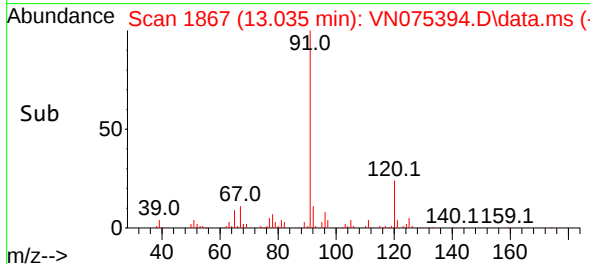
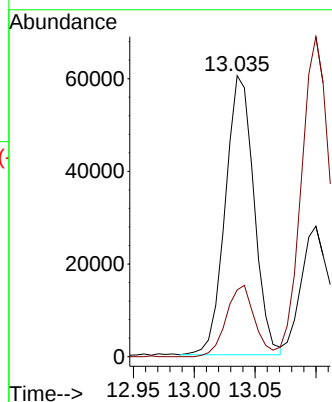
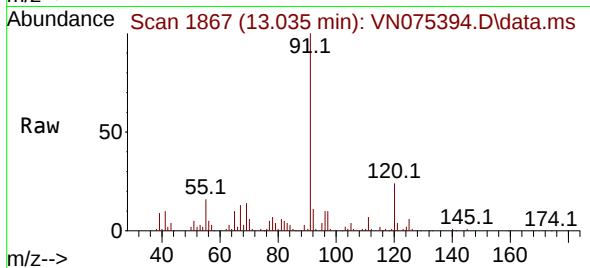
DF-SPILL-DRUM-11-3

Tgt Ion: 91 Resp: 98665

Ion Ratio Lower Upper

91 100

120 25.2 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 17.045 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075394.D

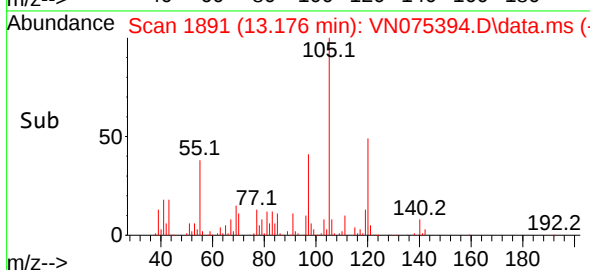
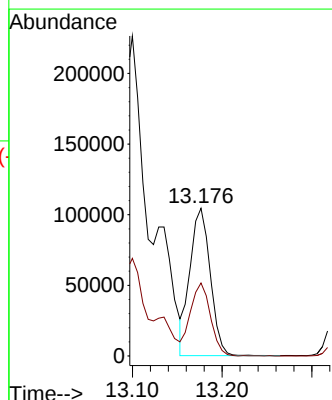
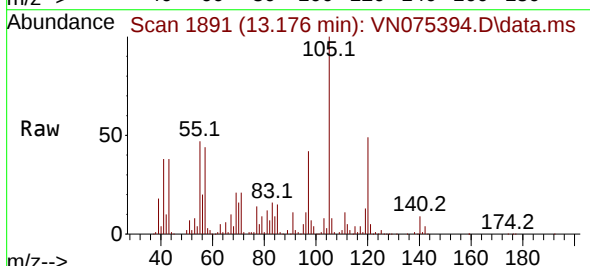
Acq: 23 Nov 2022 14:23

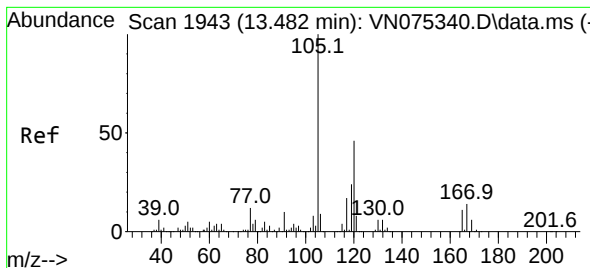
Tgt Ion: 105 Resp: 164449

Ion Ratio Lower Upper

105 100

120 48.9 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 72.710 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075394.D

Acq: 23 Nov 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

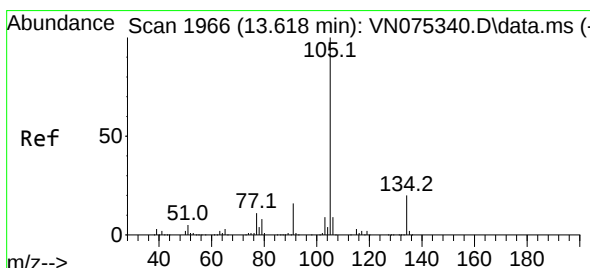
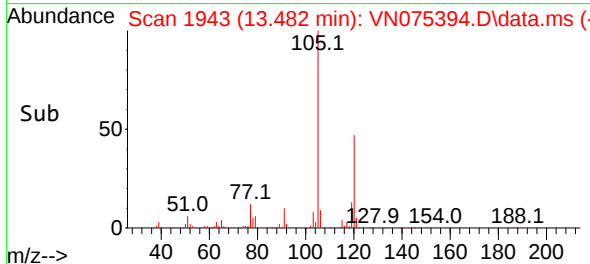
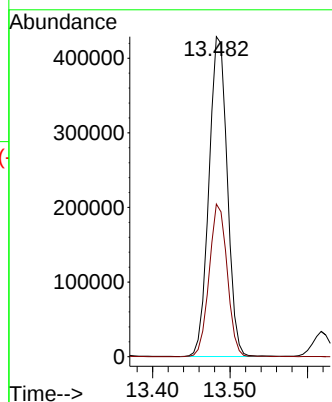
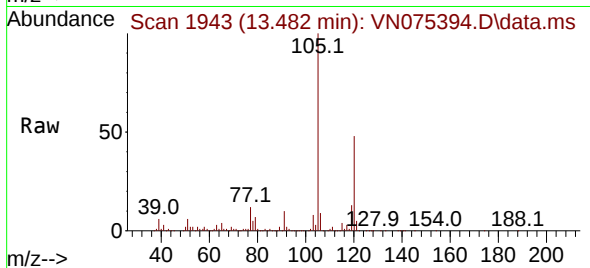
DF-SPILL-DRUM-11-3

Tgt Ion:105 Resp: 703658

Ion Ratio Lower Upper

105 100

120 46.9 22.7 68.1



#85

sec-Butylbenzene

Concen: 4.398 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075394.D

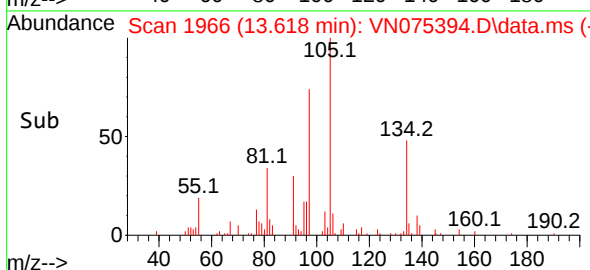
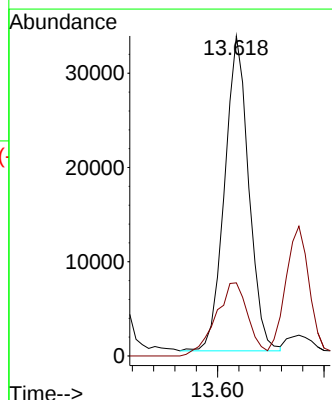
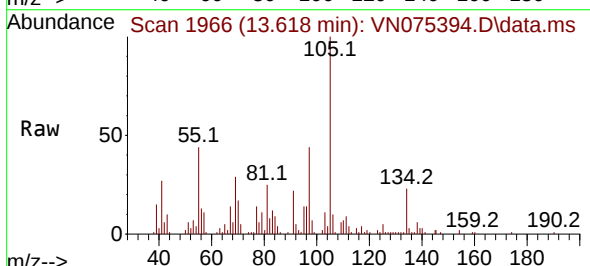
Acq: 23 Nov 2022 14:23

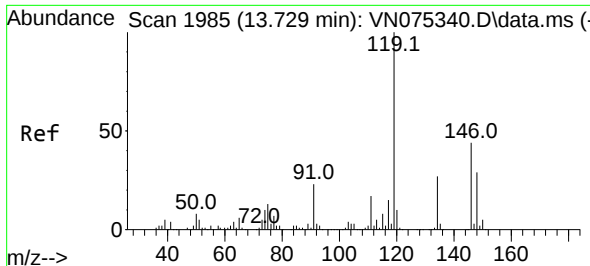
Tgt Ion:105 Resp: 52495

Ion Ratio Lower Upper

105 100

134 31.1 10.2 30.6#

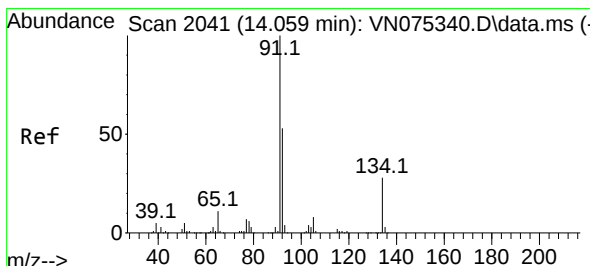
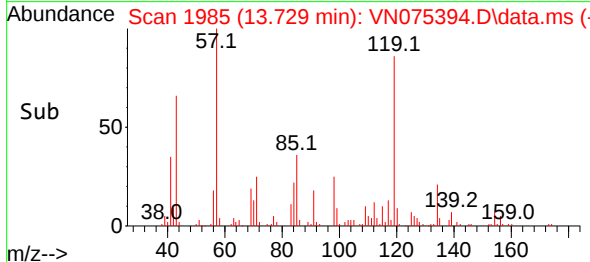
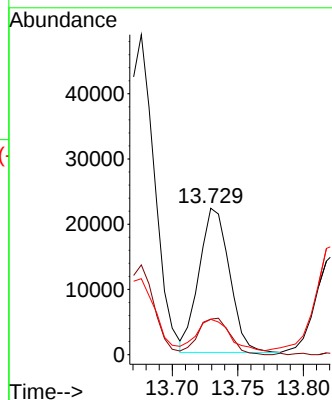
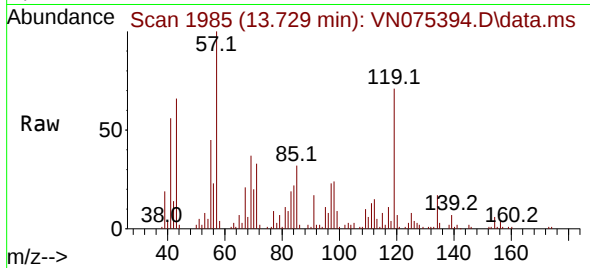




#86
p-Isopropyltoluene
Concen: 3.559 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Instrument :
MSVOA_N
ClientSampleId :
DF-SPILL-DRUM-11-3

Tgt Ion:119 Resp: 35736
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.3
91 23.0 11.9 35.5



#89
n-Butylbenzene
Concen: 13.497 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075394.D
Acq: 23 Nov 2022 14:23

Tgt Ion: 91 Resp: 114474
Ion Ratio Lower Upper
91 100
92 54.9 26.5 79.4
134 0.0 13.0 39.0#

