

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074322.D
 Acq On : 03 Sep 2022 17:20
 Operator : JC\MD
 Sample : N4355-07DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP082322DL

Quant Time: Sep 05 05:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

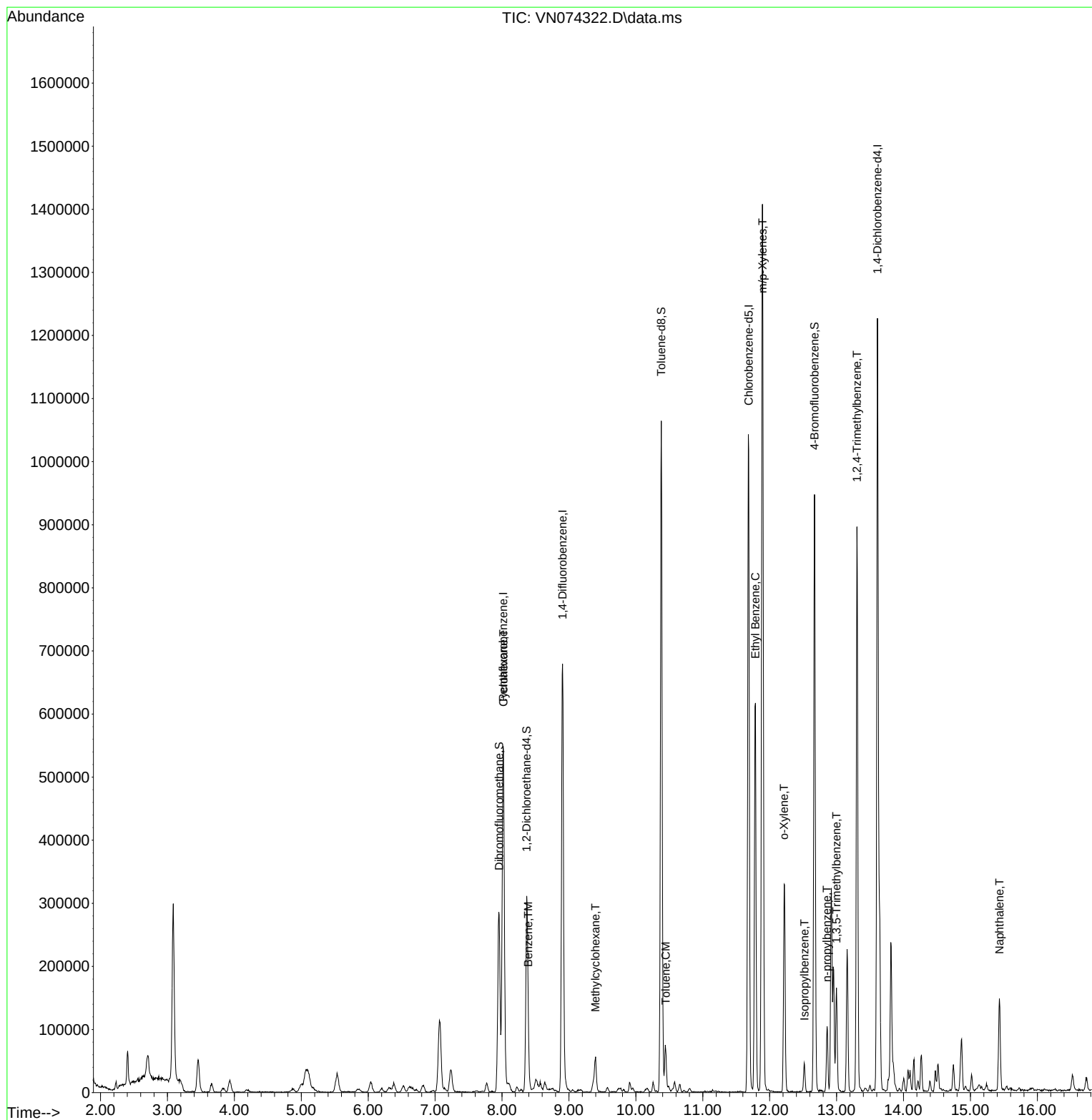
Internal Standards						
1) Pentafluorobenzene	8.016	168	333307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	593191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	581595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	297123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239450	46.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.180%		
35) Dibromofluoromethane	7.957	113	204925	52.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.260%		
50) Toluene-d8	10.381	98	708598	45.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.440%		
62) 4-Bromofluorobenzene	12.669	95	284698	50.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.380%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.022	56	60714	8.749	ug/l #	93
39) Methylcyclohexane	9.398	83	23195	3.451	ug/l	98
40) Benzene	8.392	78	22060	1.253	ug/l	95
52) Toluene	10.445	92	28629	2.632	ug/l	99
67) Ethyl Benzene	11.786	91	447862	19.109	ug/l	99
68) m/p-Xylenes	11.892	106	442774	50.609	ug/l	100
69) o-Xylene	12.216	106	87785	10.053	ug/l	91
73) Isopropylbenzene	12.522	105	26290	1.010	ug/l	97
78) n-propylbenzene	12.857	91	80288	2.700	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	84117	4.032	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	485446	22.972	ug/l	98
95) Naphthalene	15.433	128	127389	6.597	ug/l	99

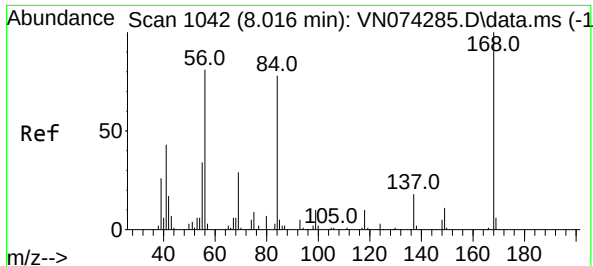
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
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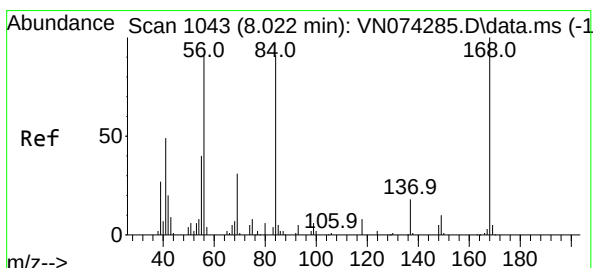
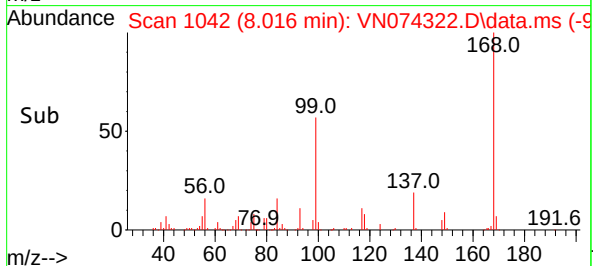
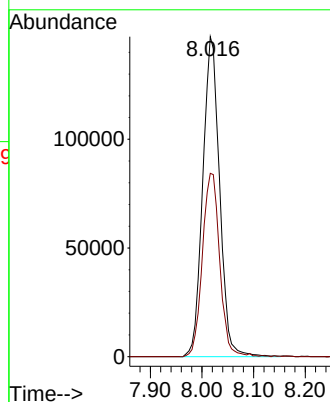
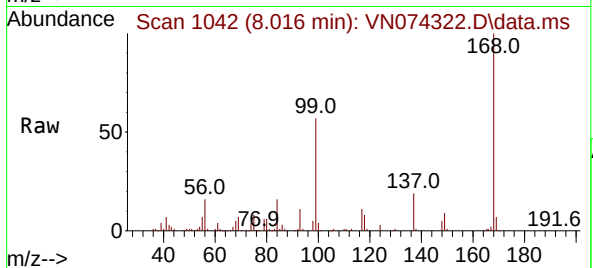




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

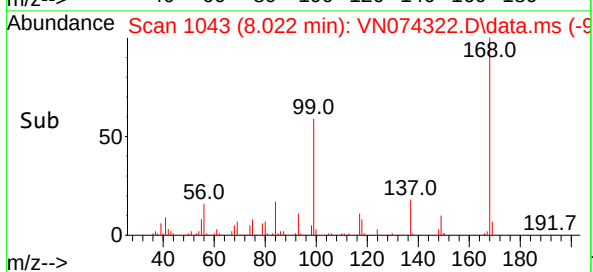
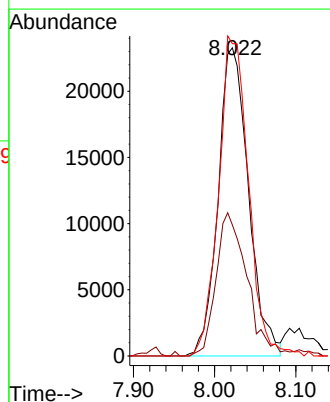
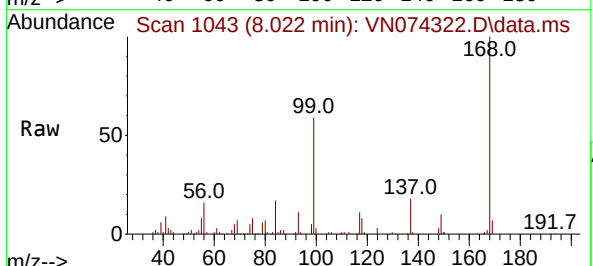
Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

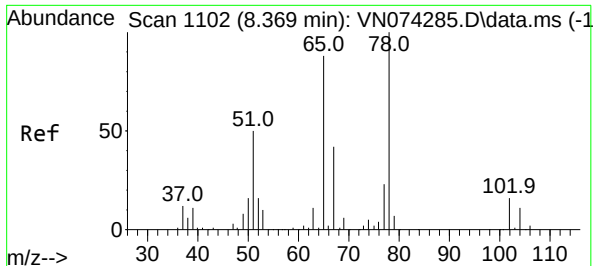
Tgt Ion:168 Resp: 333307
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#31
Cyclohexane
Concen: 8.749 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion: 56 Resp: 60714
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.8#
84 101.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.086 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074322.D

Acq: 03 Sep 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

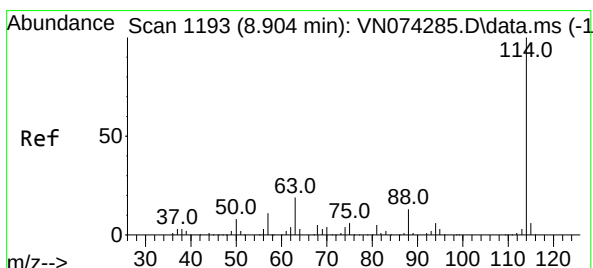
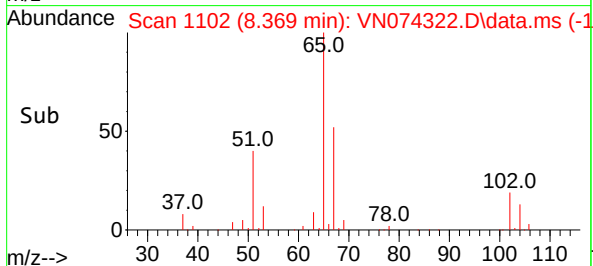
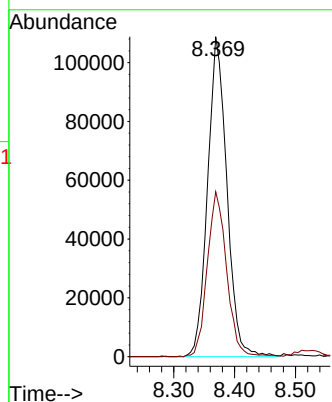
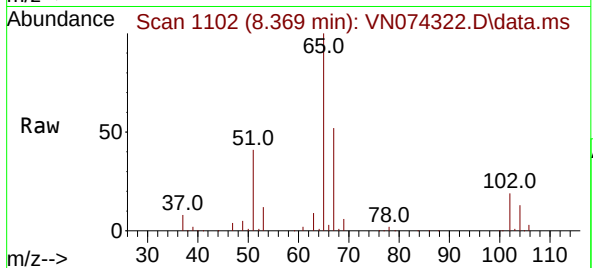
DUP082322DL

Tgt Ion: 65 Resp: 239450

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074322.D

Acq: 03 Sep 2022 17:20

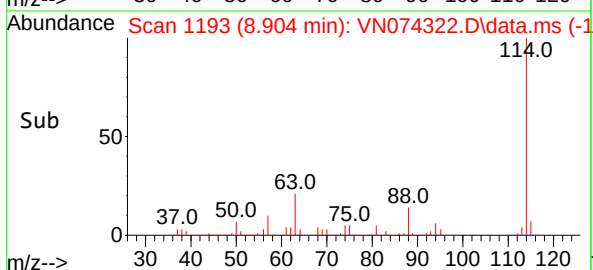
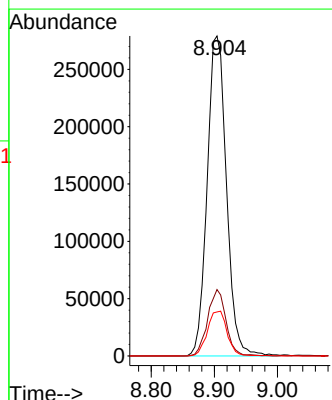
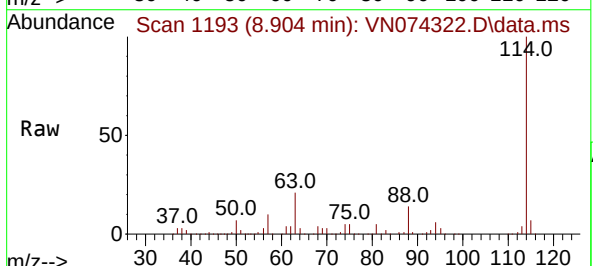
Tgt Ion: 114 Resp: 593191

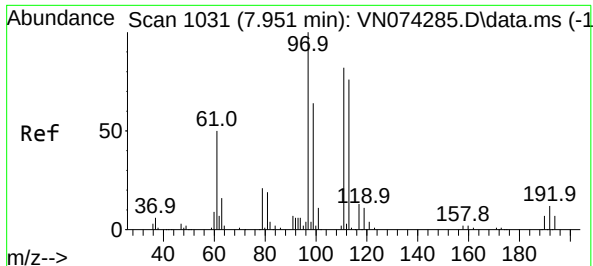
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 13.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.133 ug/l

RT: 7.957 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN074322.D

Acq: 03 Sep 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

DUP082322DL

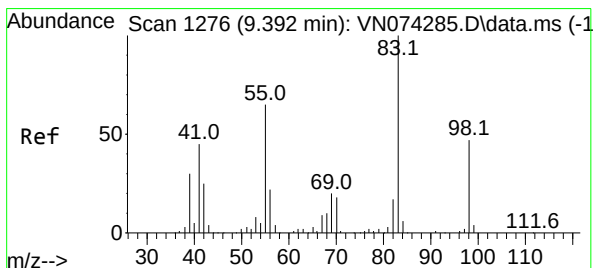
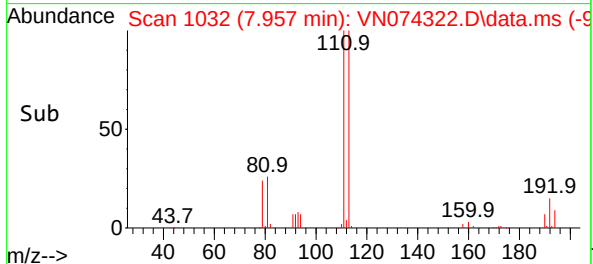
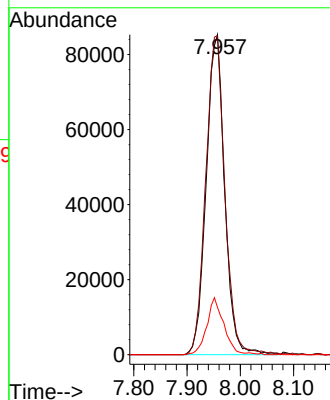
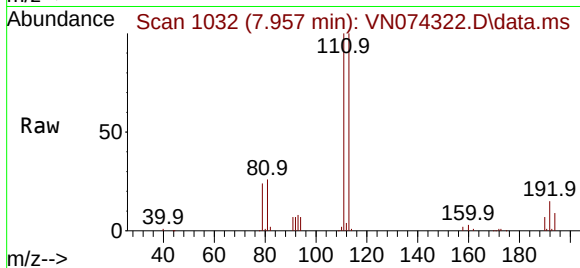
Tgt Ion:113 Resp: 204925

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 16.7 17.0 25.6#



#39

Methylcyclohexane

Concen: 3.451 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074322.D

Acq: 03 Sep 2022 17:20

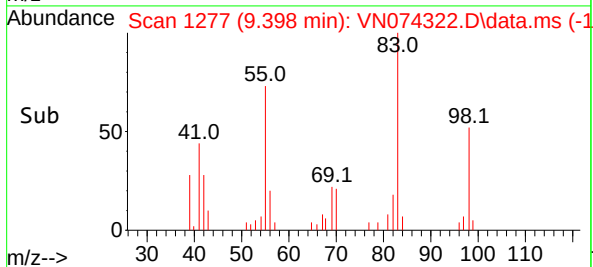
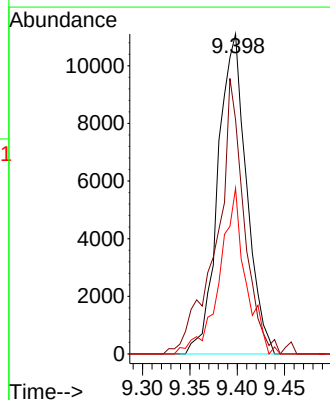
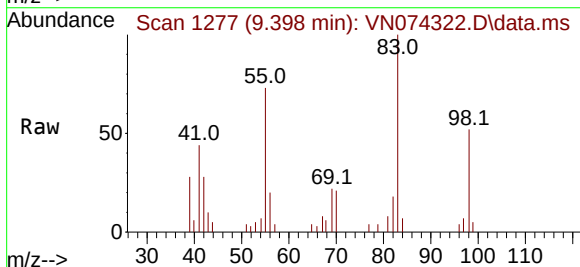
Tgt Ion: 83 Resp: 23195

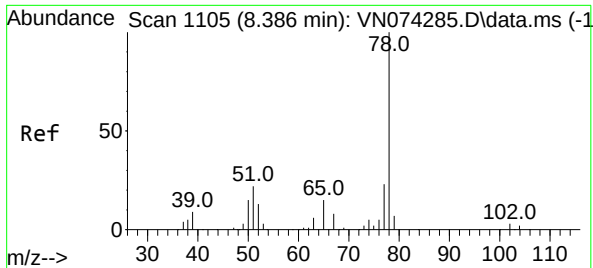
Ion Ratio Lower Upper

83 100

55 73.2 57.8 86.8

98 51.8 39.4 59.2

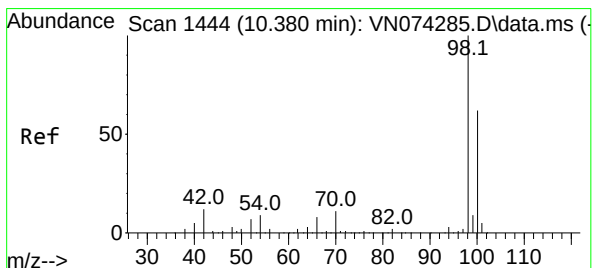
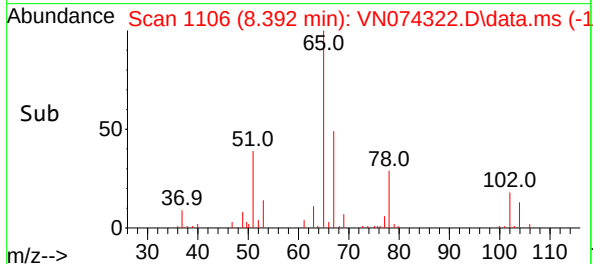
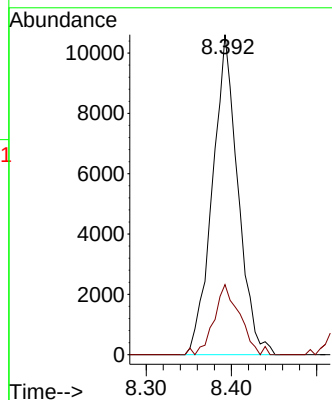
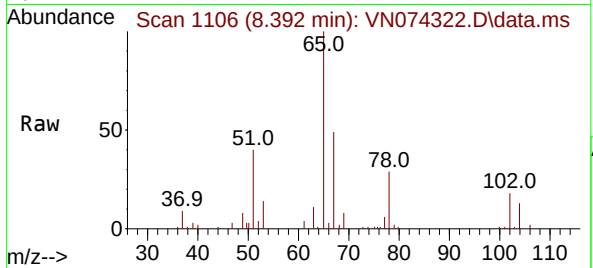




#40
Benzene
Concen: 1.253 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

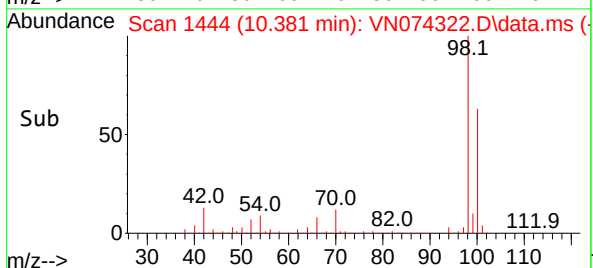
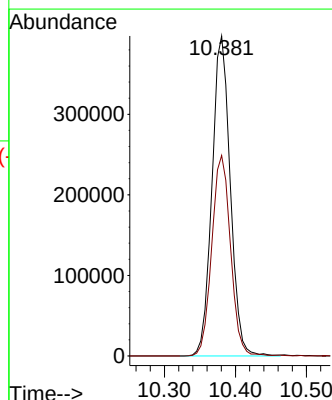
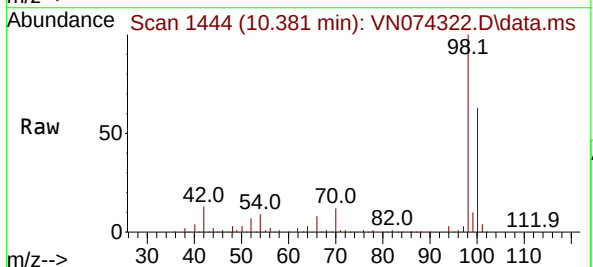
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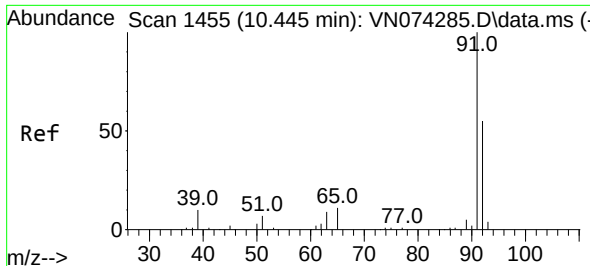
Tgt Ion: 78 Resp: 22060
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0



#50
Toluene-d8
Concen: 45.716 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion: 98 Resp: 708598
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

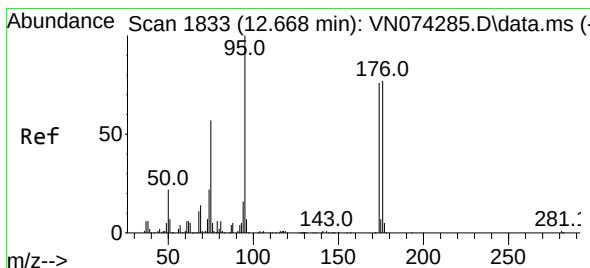
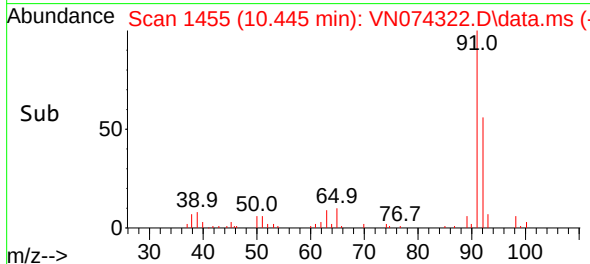
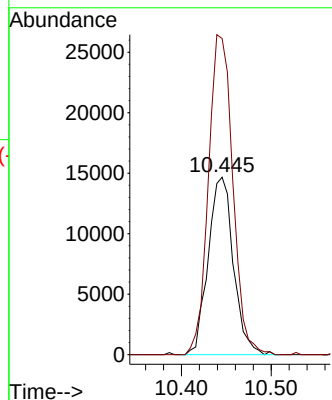
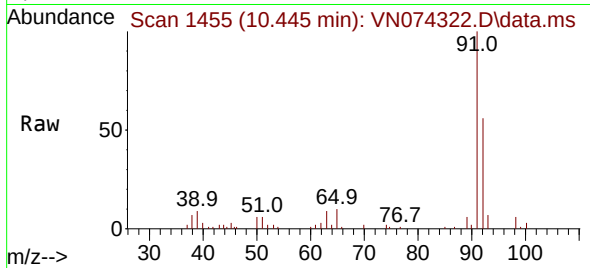




#52
Toluene
Concen: 2.632 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

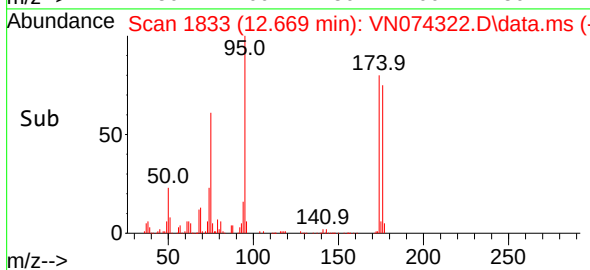
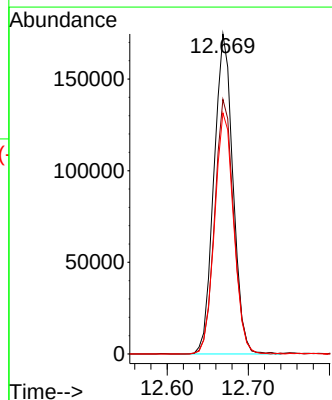
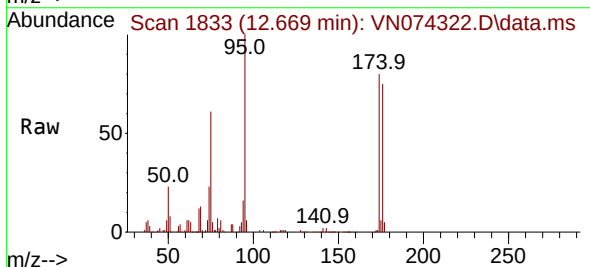
Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

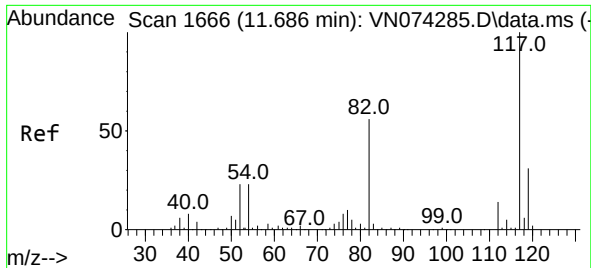
Tgt Ion: 92 Resp: 28629
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 50.185 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion: 95 Resp: 284698
Ion Ratio Lower Upper
95 100
174 79.2 0.0 167.6
176 75.4 0.0 163.4

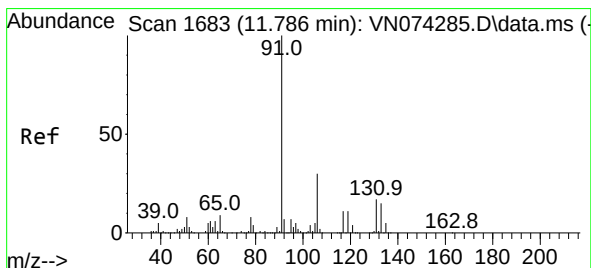
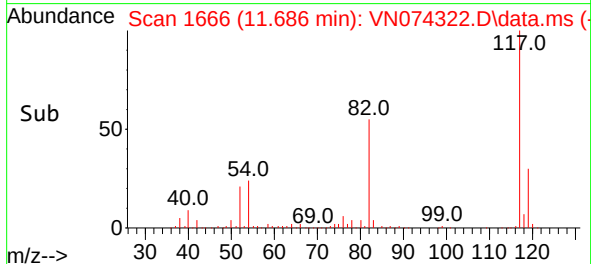
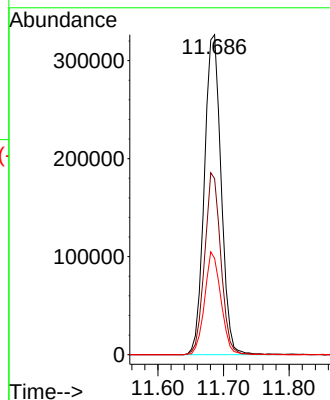
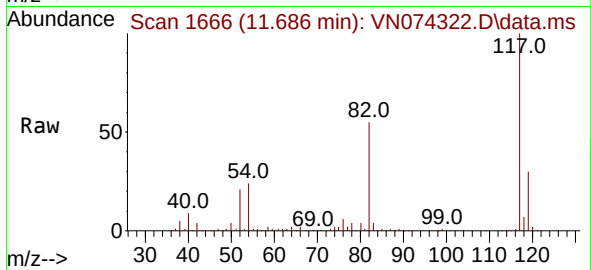




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

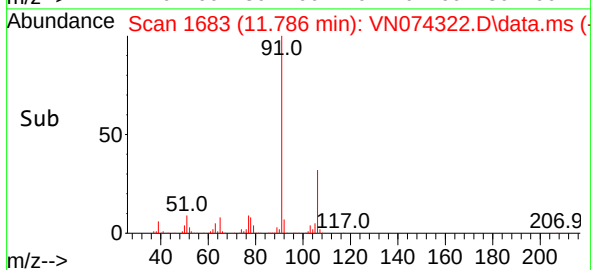
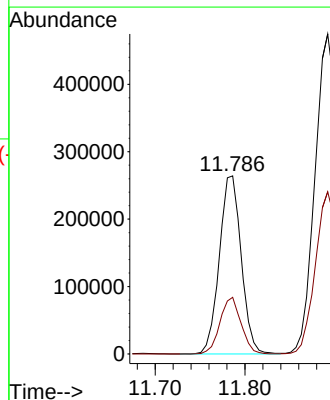
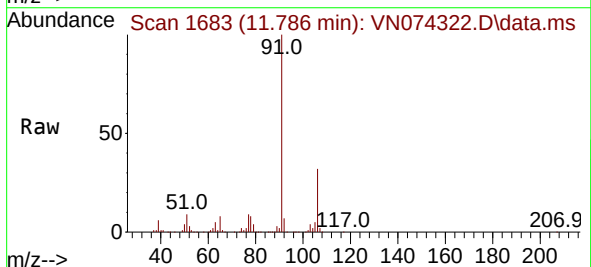
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MSVOA_N
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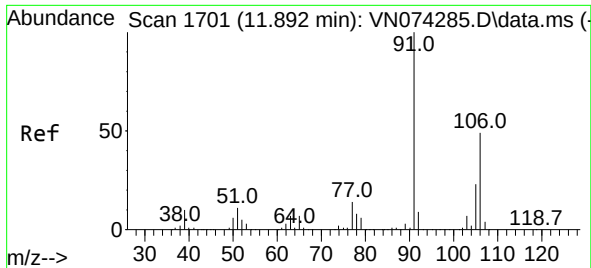
Tgt Ion:117 Resp: 581595
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 30.1 25.4 38.0



#67
Ethyl Benzene
Concen: 19.109 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion: 91 Resp: 447862
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

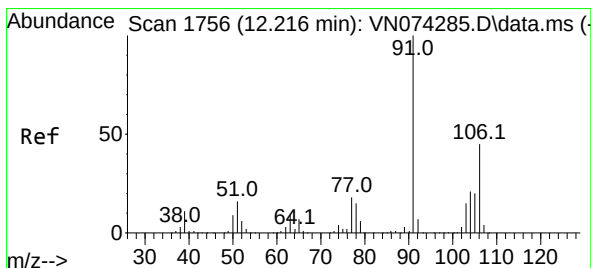
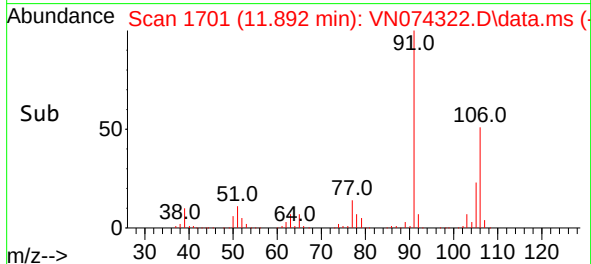
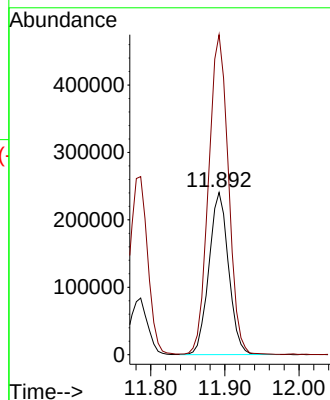
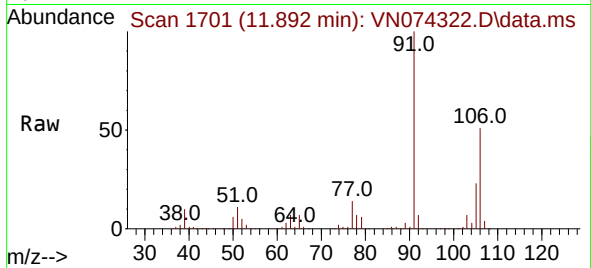




#68
m/p-Xylenes
Concen: 50.609 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

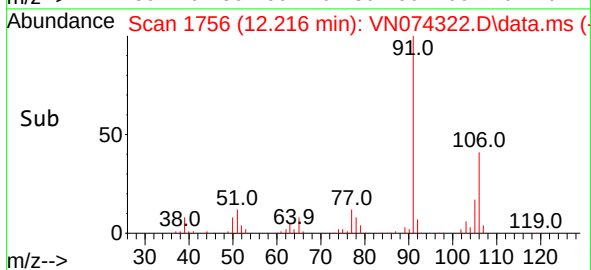
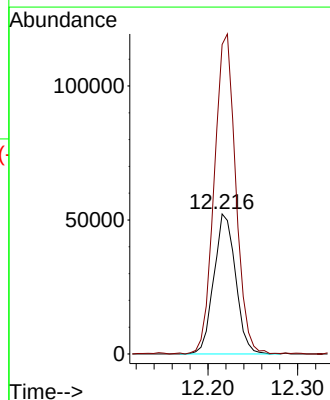
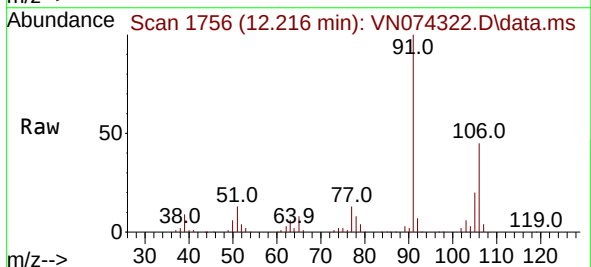
Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

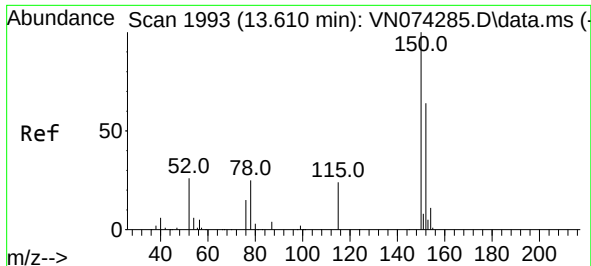
Tgt Ion:106 Resp: 442774
Ion Ratio Lower Upper
106 100
91 199.3 158.9 238.3



#69
o-Xylene
Concen: 10.053 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion:106 Resp: 87785
Ion Ratio Lower Upper
106 100
91 225.9 106.0 318.0

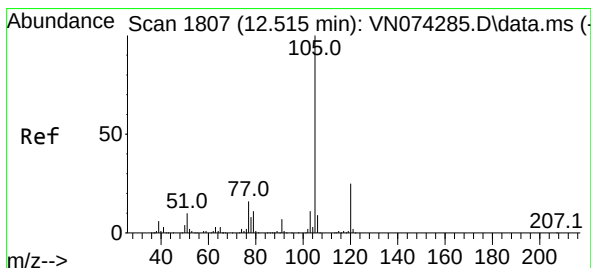
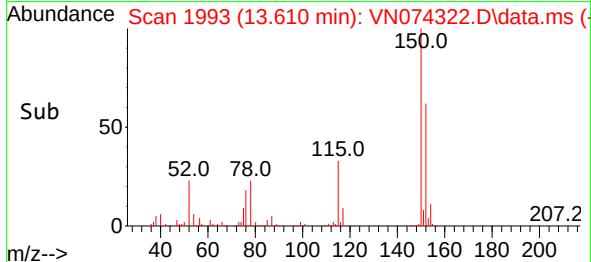
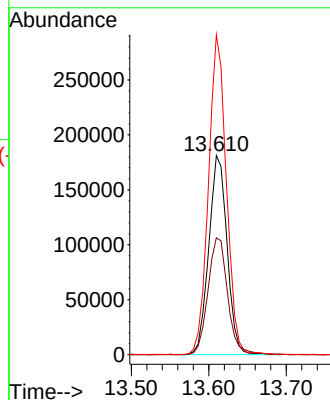
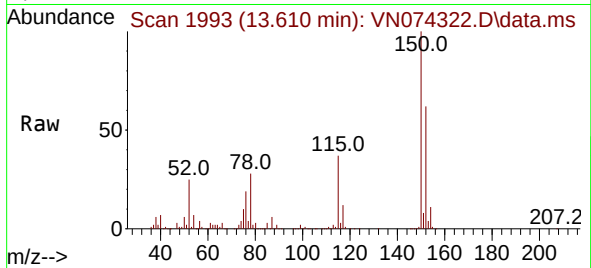




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

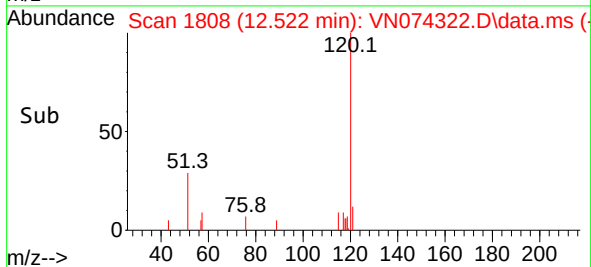
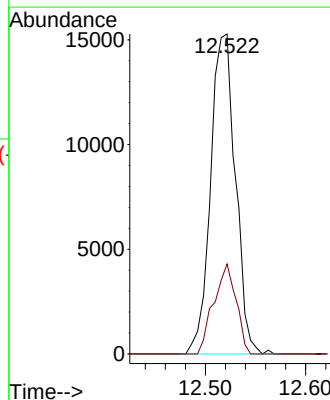
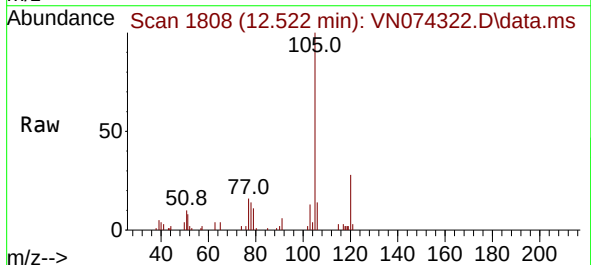
Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

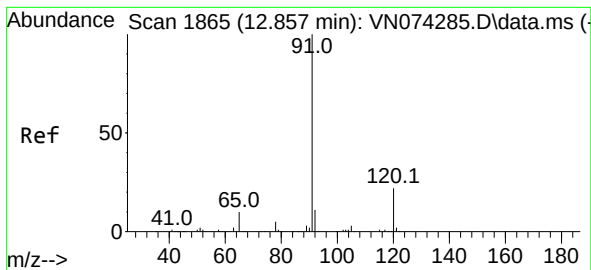
Tgt Ion:152 Resp: 297123
Ion Ratio Lower Upper
152 100
115 63.4 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 1.010 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion:105 Resp: 26290
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4

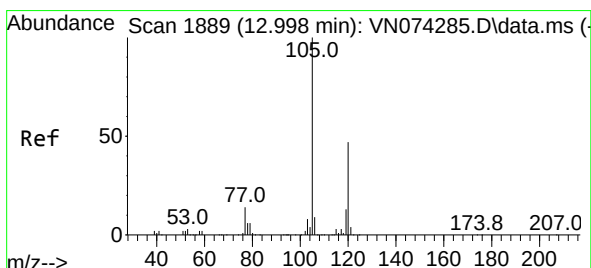
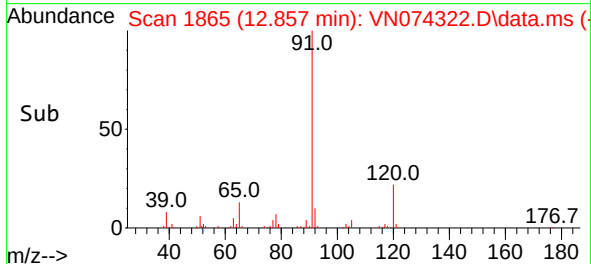
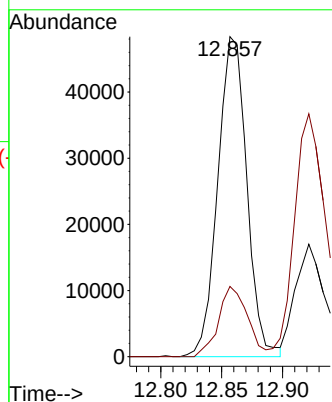
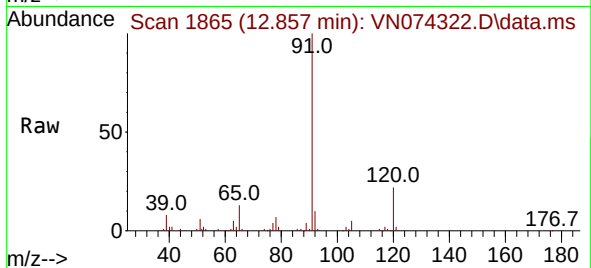




#78
n-propylbenzene
Concen: 2.700 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

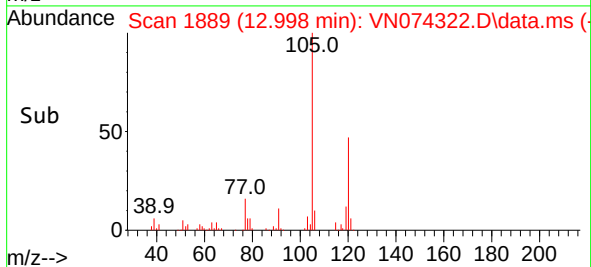
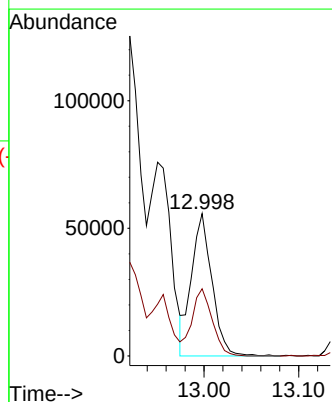
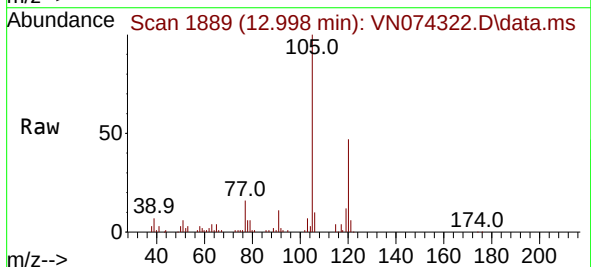
Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

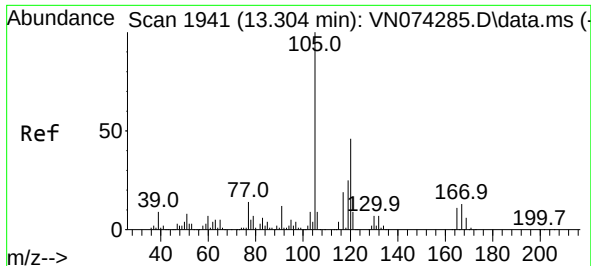
Tgt Ion: 91 Resp: 80288
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.032 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion: 105 Resp: 84117
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

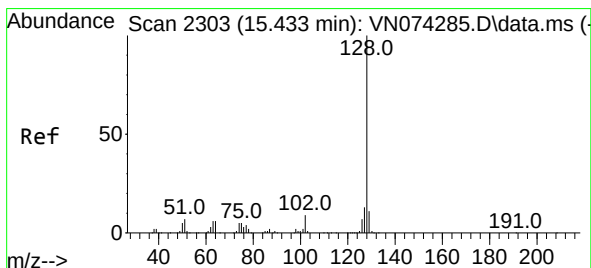
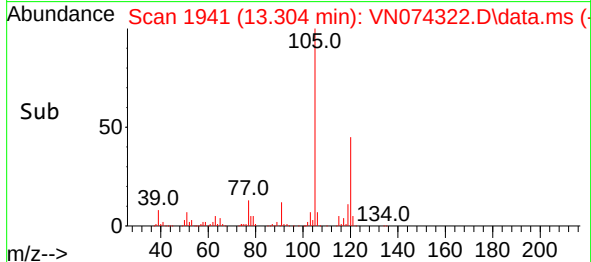
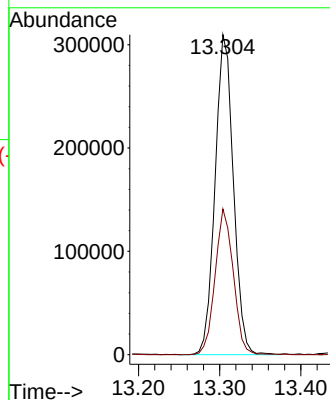
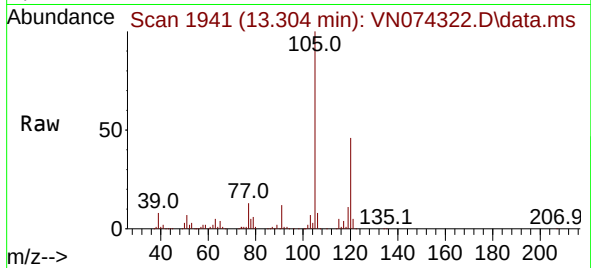




#84
1,2,4-Trimethylbenzene
Concen: 22.972 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
DUP082322DL

Tgt Ion:105 Resp: 485446
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#95
Naphthalene
Concen: 6.597 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074322.D
Acq: 03 Sep 2022 17:20

Tgt Ion:128 Resp: 127389
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.6 13.0

